

HAC-RF Emission ANT1

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

GSM850 E-Field measurement/Voice_ch 128/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 = 29.46 V/m; Power Drift = -0.08 dB

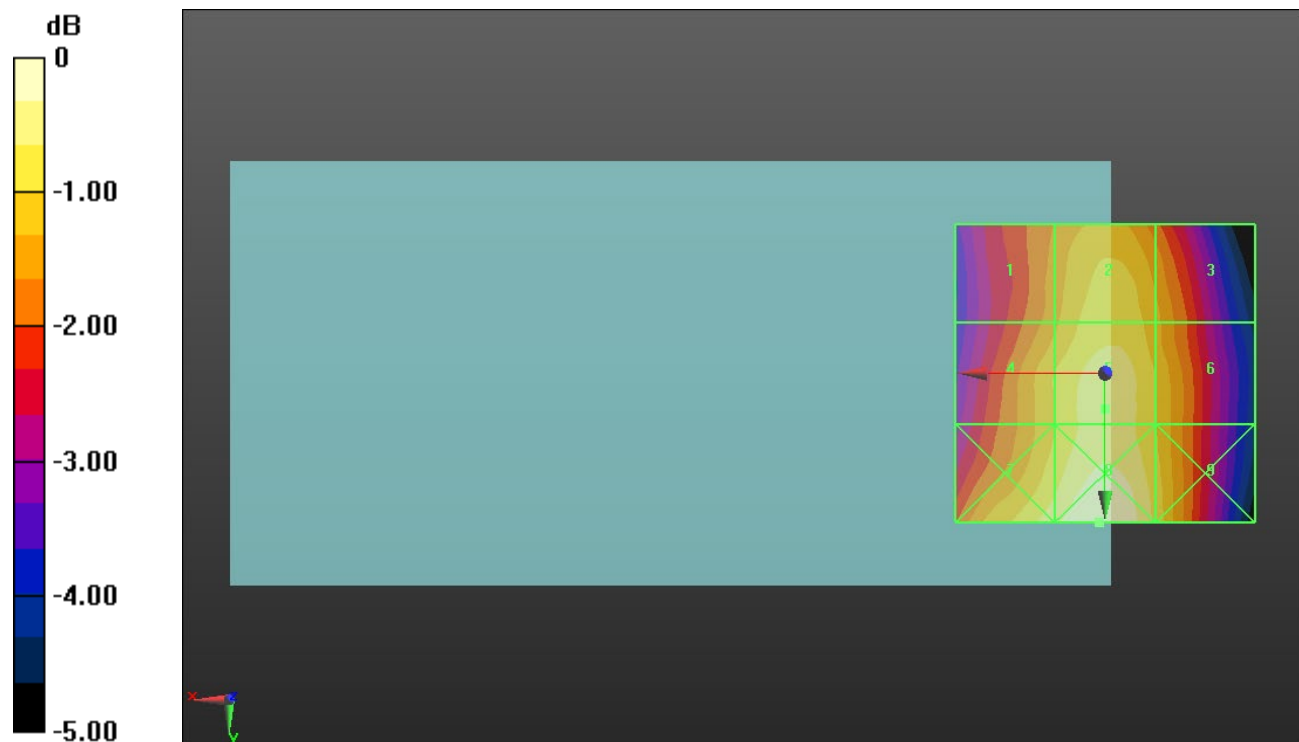
Applied MIF = 3.63 dB

RF audio interference level = 30.42 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 29.47 dBV/m | Grid 2 M4 30.12 dBV/m | Grid 3 M4 29.66 dBV/m |
| Grid 4 M4 29.91 dBV/m | Grid 5 M4 30.42 dBV/m | Grid 6 M4 29.9 dBV/m |
| Grid 7 M4 30.46 dBV/m | Grid 8 M4 30.89 dBV/m | Grid 9 M4 30.12 dBV/m |



0 dB = 35.02 V/m = 30.89 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

GSM850 E-Field measurement/Voice_ch 190/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 = 30.25 V/m; Power Drift = -0.01 dB

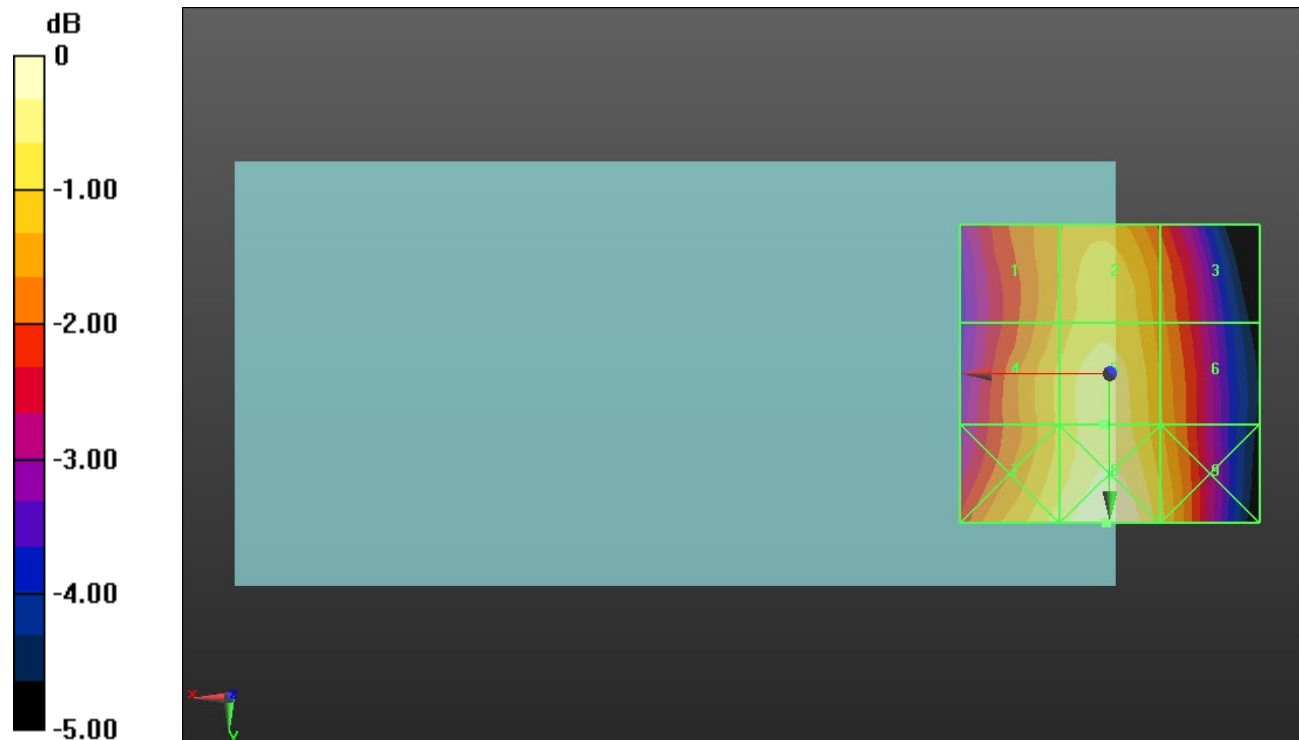
Applied MIF = 3.63 dB

RF audio interference level = 30.88 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 30.11 dBV/m | Grid 2 M4 30.62 dBV/m | Grid 3 M4 29.82 dBV/m |
| Grid 4 M4 30.44 dBV/m | Grid 5 M4 30.88 dBV/m | Grid 6 M4 30.08 dBV/m |
| Grid 7 M4 30.86 dBV/m | Grid 8 M4 31.34 dBV/m | Grid 9 M4 30.48 dBV/m |



0 dB = 36.89 V/m = 31.34 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

GSM850 E-Field measurement/Voice_ch 251/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 = 30.47 V/m; Power Drift = -0.05 dB

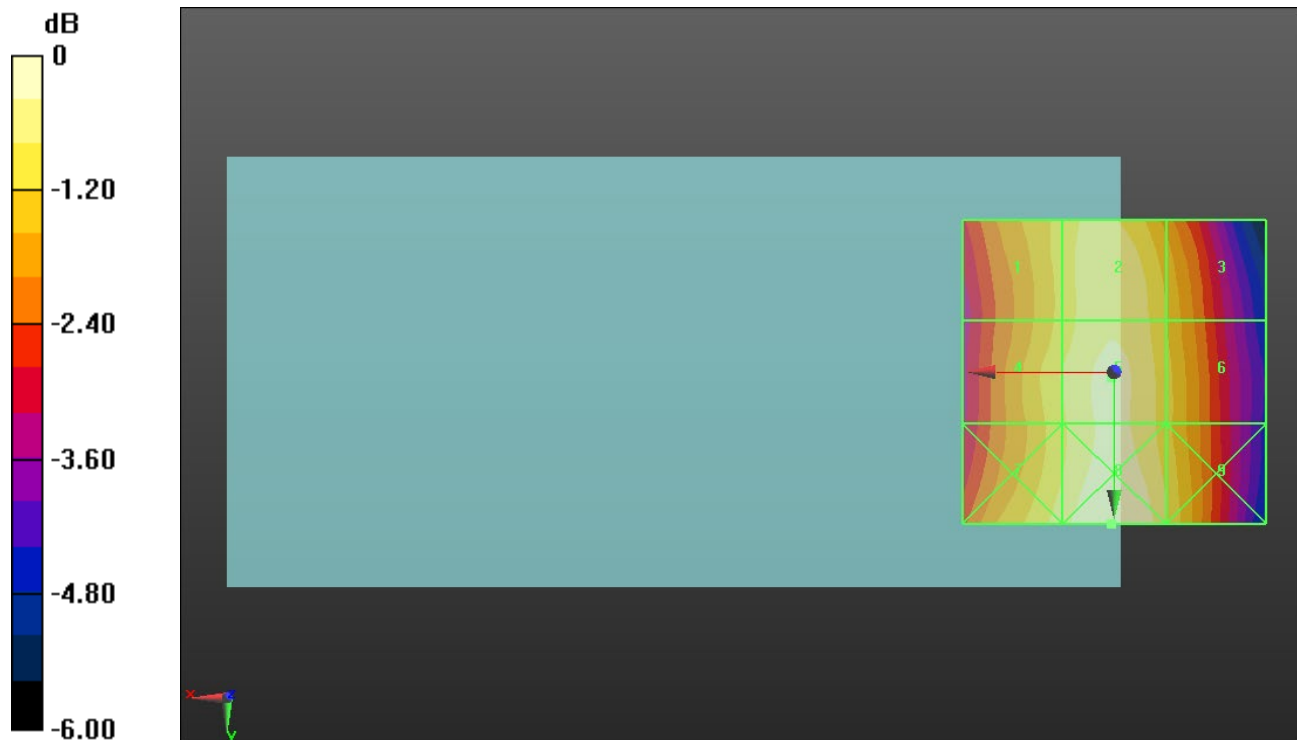
Applied MIF = 3.63 dB

RF audio interference level = 30.93 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 30.21 dBV/m | Grid 2 M4 30.77 dBV/m | Grid 3 M4 30.05 dBV/m |
| Grid 4 M4 30.44 dBV/m | Grid 5 M4 30.93 dBV/m | Grid 6 M4 30.2 dBV/m |
| Grid 7 M4 30.65 dBV/m | Grid 8 M4 31.21 dBV/m | Grid 9 M4 30.48 dBV/m |



0 dB = 36.33 V/m = 31.21 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

GSM1900 E-Field measurement/Voice_ch 512/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 = 20.35 V/m; Power Drift = -0.00 dB

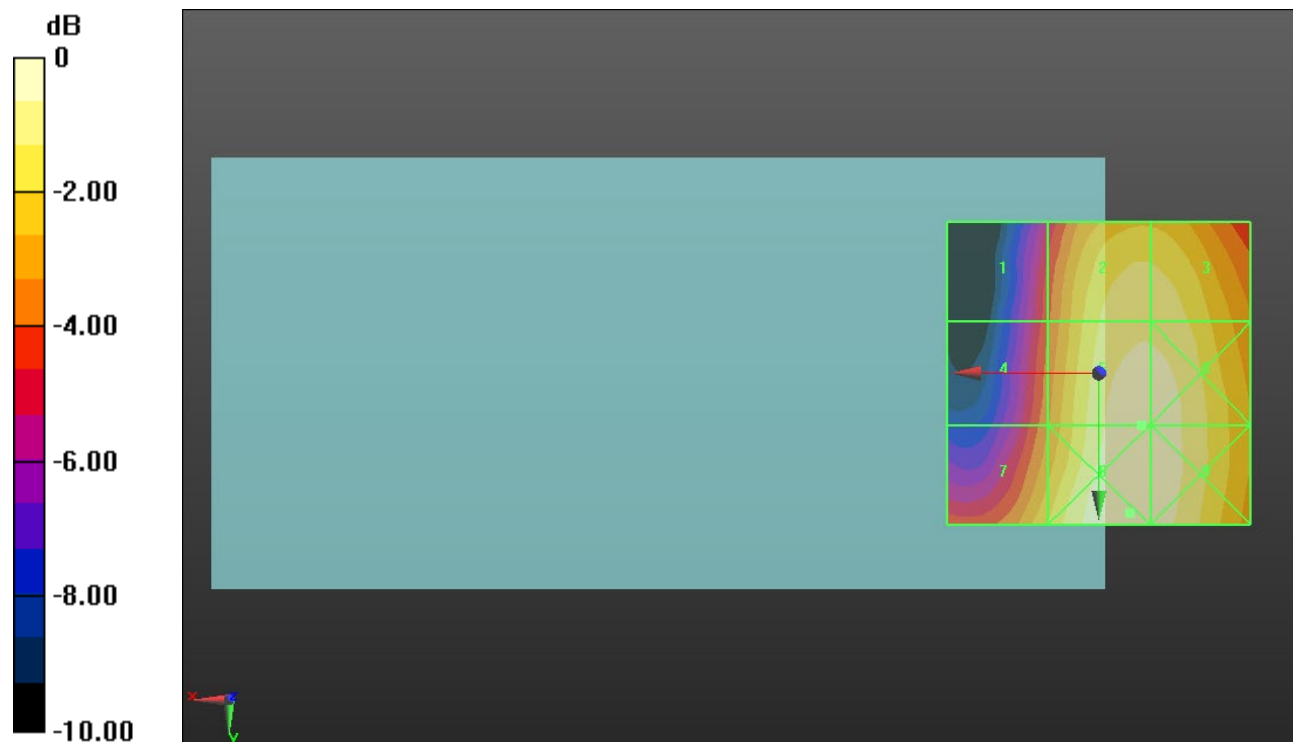
Applied MIF = 3.63 dB

RF audio interference level = 28.39 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 24.47 dBV/m | Grid 2 M4 27.88 dBV/m | Grid 3 M4 27.85 dBV/m |
| Grid 4 M4 25.22 dBV/m | Grid 5 M4 28.39 dBV/m | Grid 6 M4 28.37 dBV/m |
| Grid 7 M4 26.66 dBV/m | Grid 8 M4 28.62 dBV/m | Grid 9 M4 28.5 dBV/m |



0 dB = 26.99 V/m = 28.62 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

GSM1900 E-Field measurement/Voice_ch 661/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 = 21.42 V/m; Power Drift = -0.04 dB

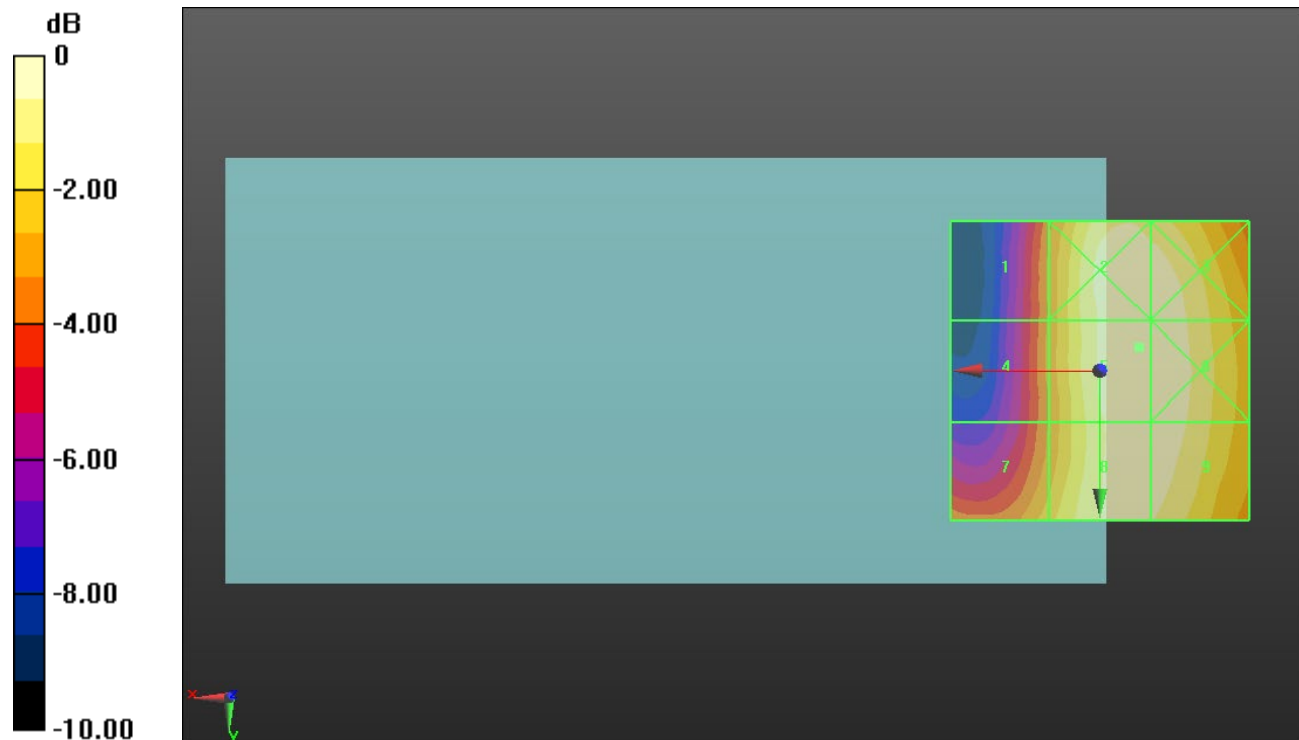
Applied MIF = 3.63 dB

RF audio interference level = 28.67 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 25.53 dBV/m | Grid 2 M4 28.65 dBV/m | Grid 3 M4 28.59 dBV/m |
| Grid 4 M4 25.59 dBV/m | Grid 5 M4 28.67 dBV/m | Grid 6 M4 28.64 dBV/m |
| Grid 7 M4 26.43 dBV/m | Grid 8 M4 28.54 dBV/m | Grid 9 M4 28.51 dBV/m |



0 dB = 27.13 V/m = 28.67 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

GSM1900 E-Field measurement/Voice_ch 810/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 = 20.09 V/m; Power Drift = -0.02 dB

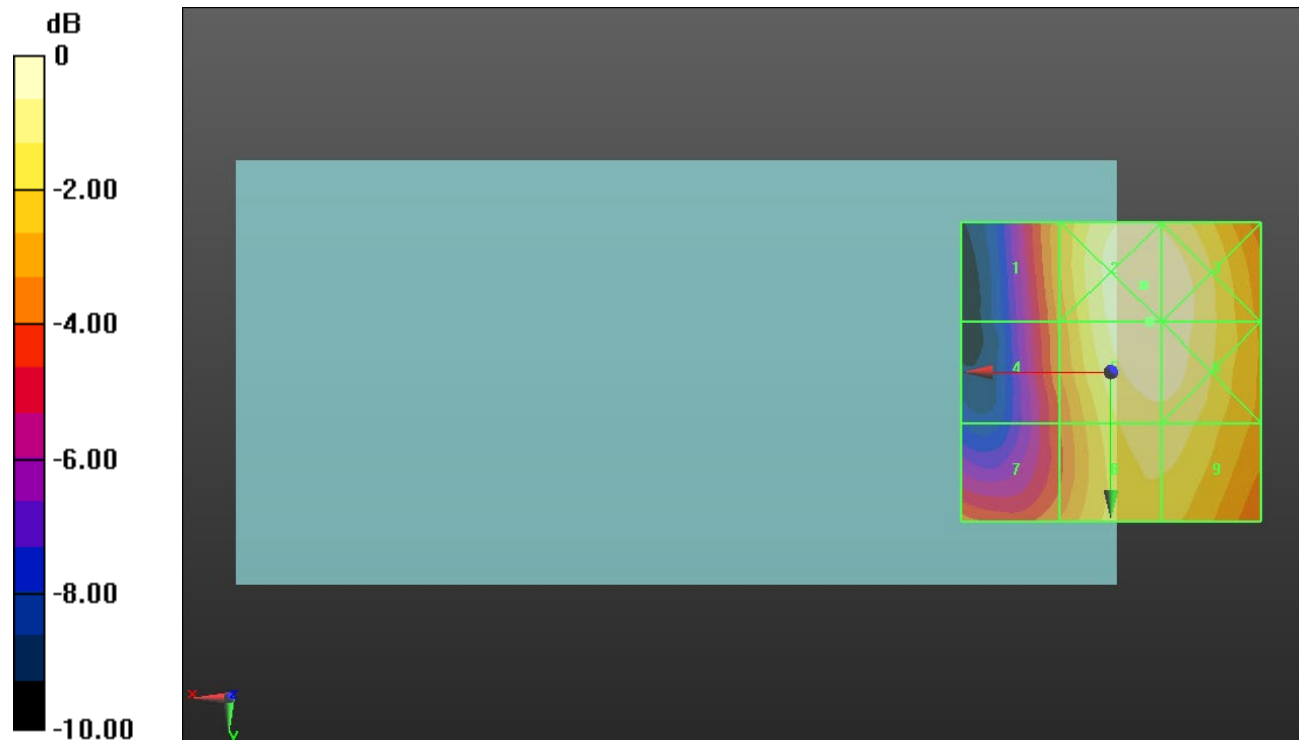
Applied MIF = 3.63 dB

RF audio interference level = 28.31 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 25.78 dBV/m | Grid 2 M4 28.41 dBV/m | Grid 3 M4 28.32 dBV/m |
| Grid 4 M4 25.32 dBV/m | Grid 5 M4 28.31 dBV/m | Grid 6 M4 28.26 dBV/m |
| Grid 7 M4 25.21 dBV/m | Grid 8 M4 27.53 dBV/m | Grid 9 M4 27.53 dBV/m |



0 dB = 26.33 V/m = 28.41 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

39750/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 = 13.57 V/m; Power Drift = -0.03 dB

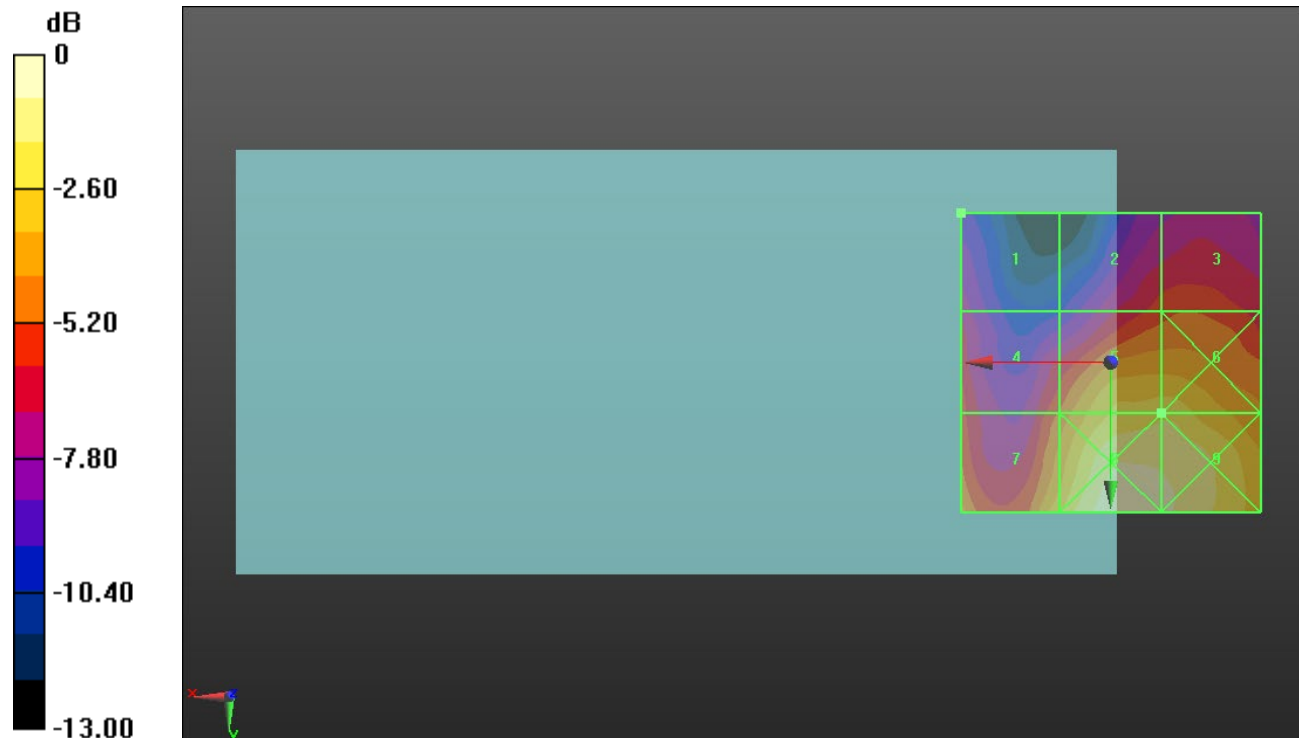
Applied MIF = -1.44 dB

RF audio interference level = 22.64 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 17.46 dBV/m | Grid 2 M4 19.13 dBV/m | Grid 3 M4 19.43 dBV/m |
| Grid 4 M4 19.6 dBV/m | Grid 5 M4 22.64 dBV/m | Grid 6 M4 22.66 dBV/m |
| Grid 7 M4 21.94 dBV/m | Grid 8 M4 24.63 dBV/m | Grid 9 M4 24.06 dBV/m |



0 dB = 17.03 V/m = 24.62 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

40185/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 = 13.72 V/m; Power Drift = 0.11 dB

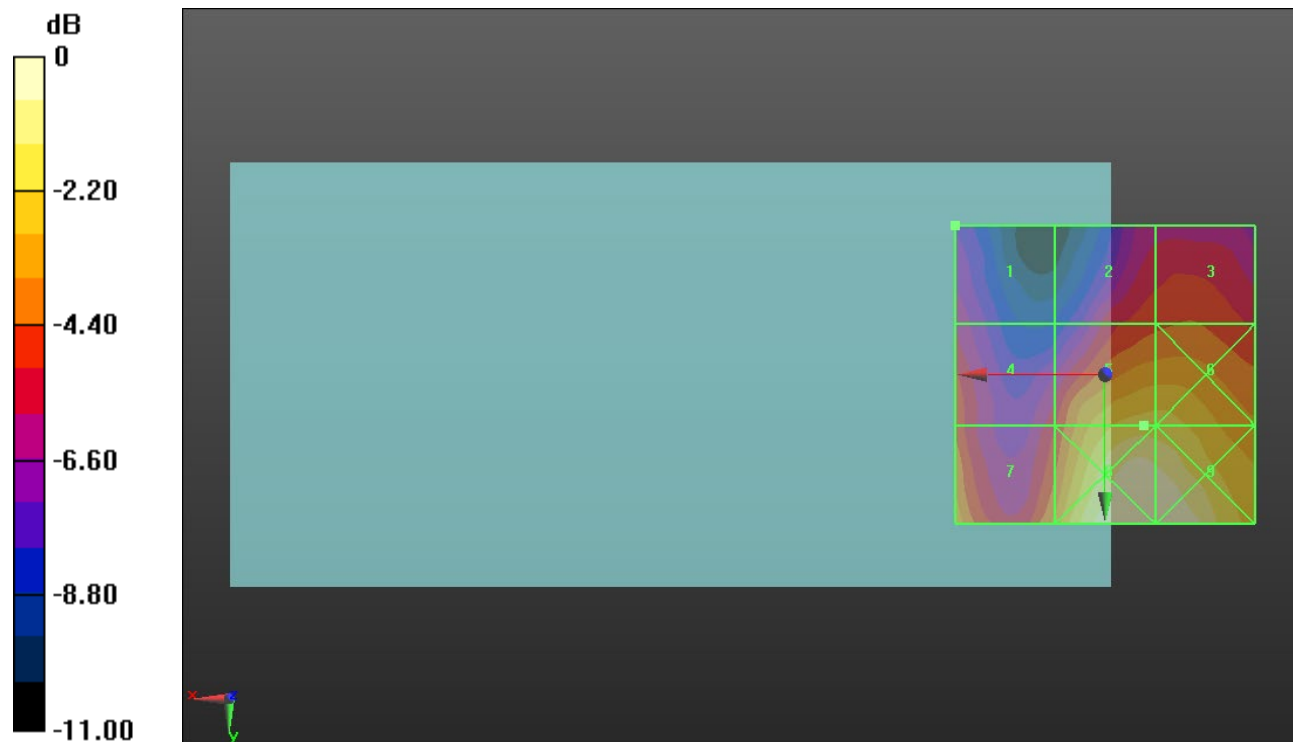
Applied MIF = -1.44 dB

RF audio interference level = 22.24 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 18.13 dBV/m | Grid 2 M4 19.44 dBV/m | Grid 3 M4 19.68 dBV/m |
| Grid 4 M4 19.55 dBV/m | Grid 5 M4 22.24 dBV/m | Grid 6 M4 22.18 dBV/m |
| Grid 7 M4 21.02 dBV/m | Grid 8 M4 24.01 dBV/m | Grid 9 M4 23.82 dBV/m |



0 dB = 15.87 V/m = 24.01 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

40620/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 = 14.46 V/m; Power Drift = -0.05 dB

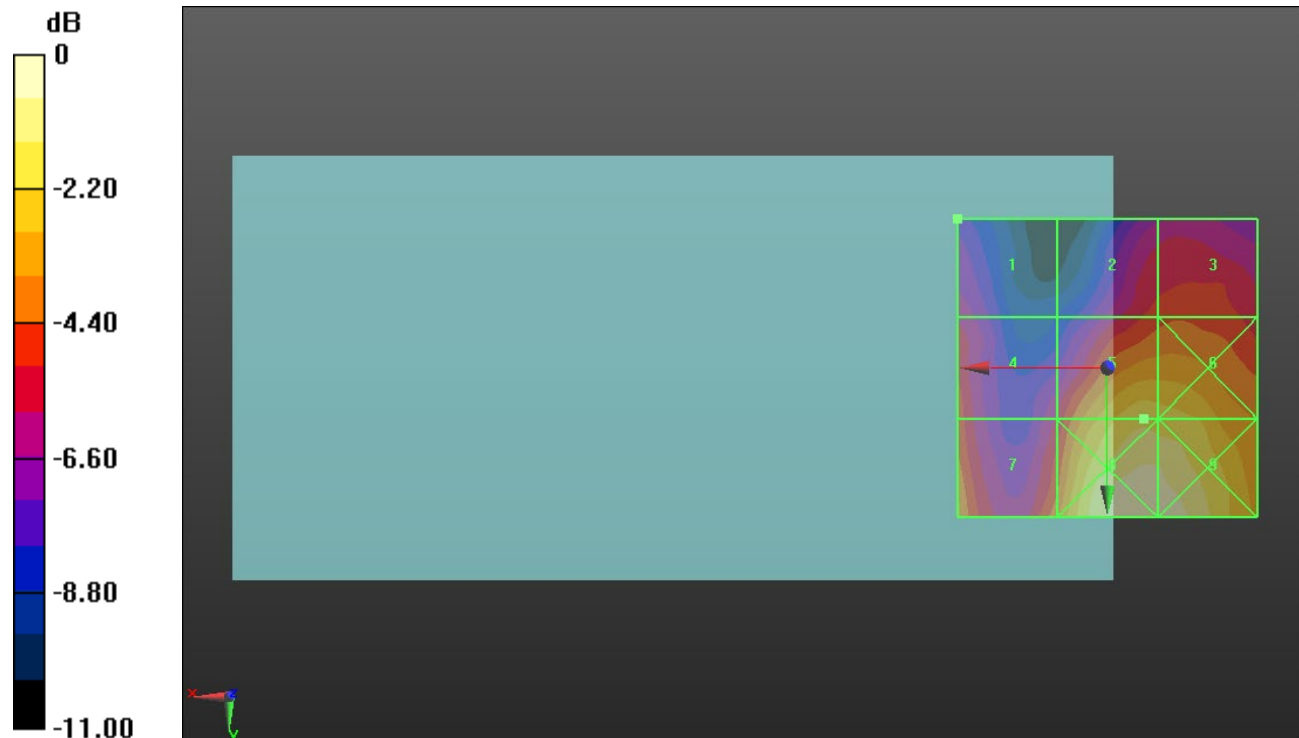
Applied MIF = -1.44 dB

RF audio interference level = 22.70 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 18.37 dBV/m | Grid 2 M4 19.72 dBV/m | Grid 3 M4 19.95 dBV/m |
| Grid 4 M4 19.85 dBV/m | Grid 5 M4 22.7 dBV/m | Grid 6 M4 22.55 dBV/m |
| Grid 7 M4 21.07 dBV/m | Grid 8 M4 24.39 dBV/m | Grid 9 M4 24.36 dBV/m |



0 dB = 16.58 V/m = 24.39 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

41055/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 = 11.98 V/m; Power Drift = 0.07 dB

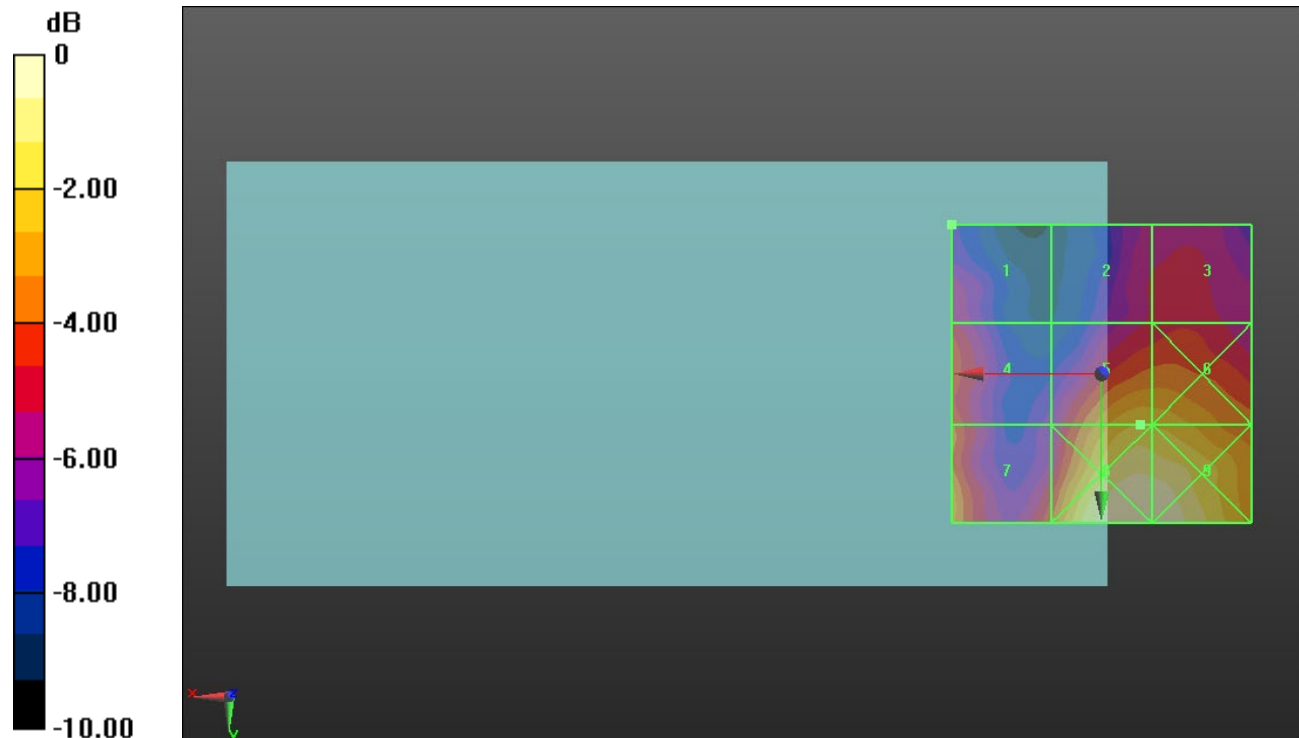
Applied MIF = -1.44 dB

RF audio interference level = 21.54 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 18.29 dBV/m | Grid 2 M4 18.44 dBV/m | Grid 3 M4 18.77 dBV/m |
| Grid 4 M4 19.66 dBV/m | Grid 5 M4 21.54 dBV/m | Grid 6 M4 21.45 dBV/m |
| Grid 7 M4 20.62 dBV/m | Grid 8 M4 23.5 dBV/m | Grid 9 M4 23.48 dBV/m |



0 dB = 14.97 V/m = 23.50 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

41490/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 = 10.06 V/m; Power Drift = -0.08 dB

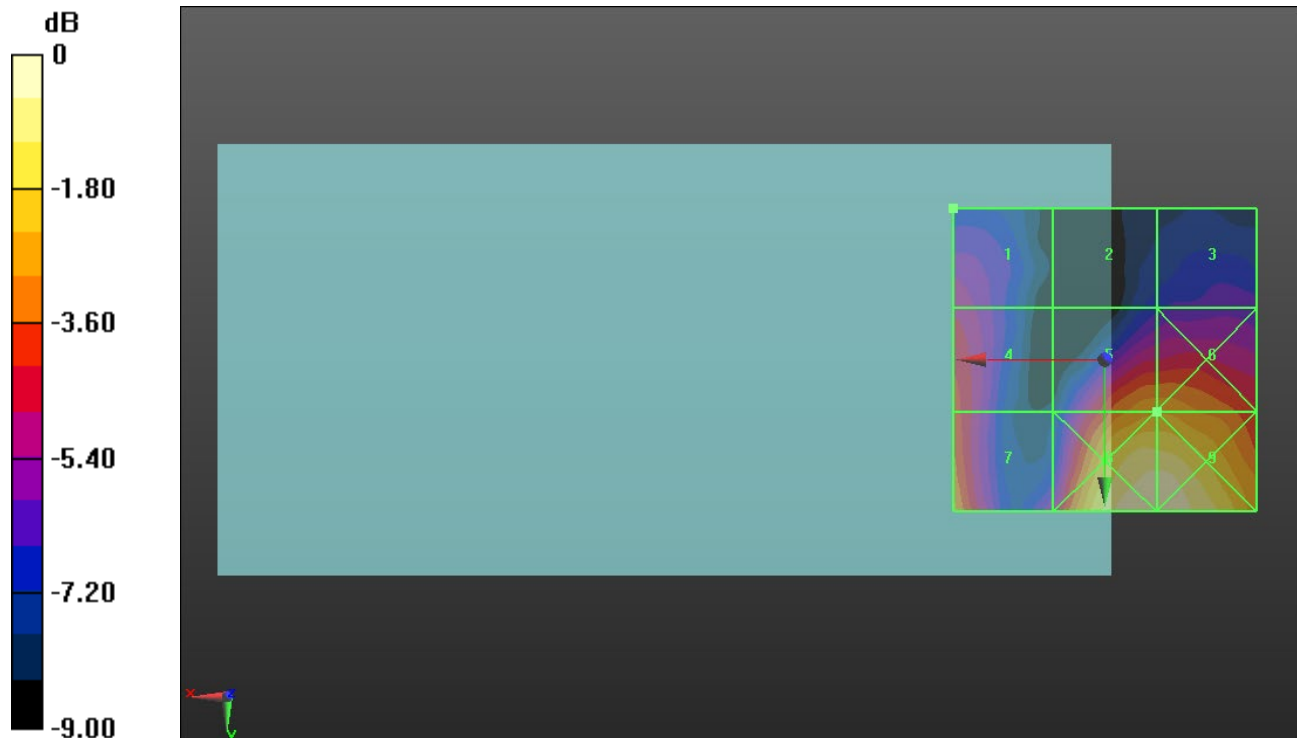
Applied MIF = -1.44 dB

RF audio interference level = 20.22 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 17.82 dBV/m | Grid 2 M4 15.98 dBV/m | Grid 3 M4 16.57 dBV/m |
| Grid 4 M4 18.87 dBV/m | Grid 5 M4 20.22 dBV/m | Grid 6 M4 20.23 dBV/m |
| Grid 7 M4 20.16 dBV/m | Grid 8 M4 22.72 dBV/m | Grid 9 M4 22.73 dBV/m |



0 dB = 13.69 V/m = 22.73 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 39750/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 = 17.18 V/m; Power Drift = 0.04 dB

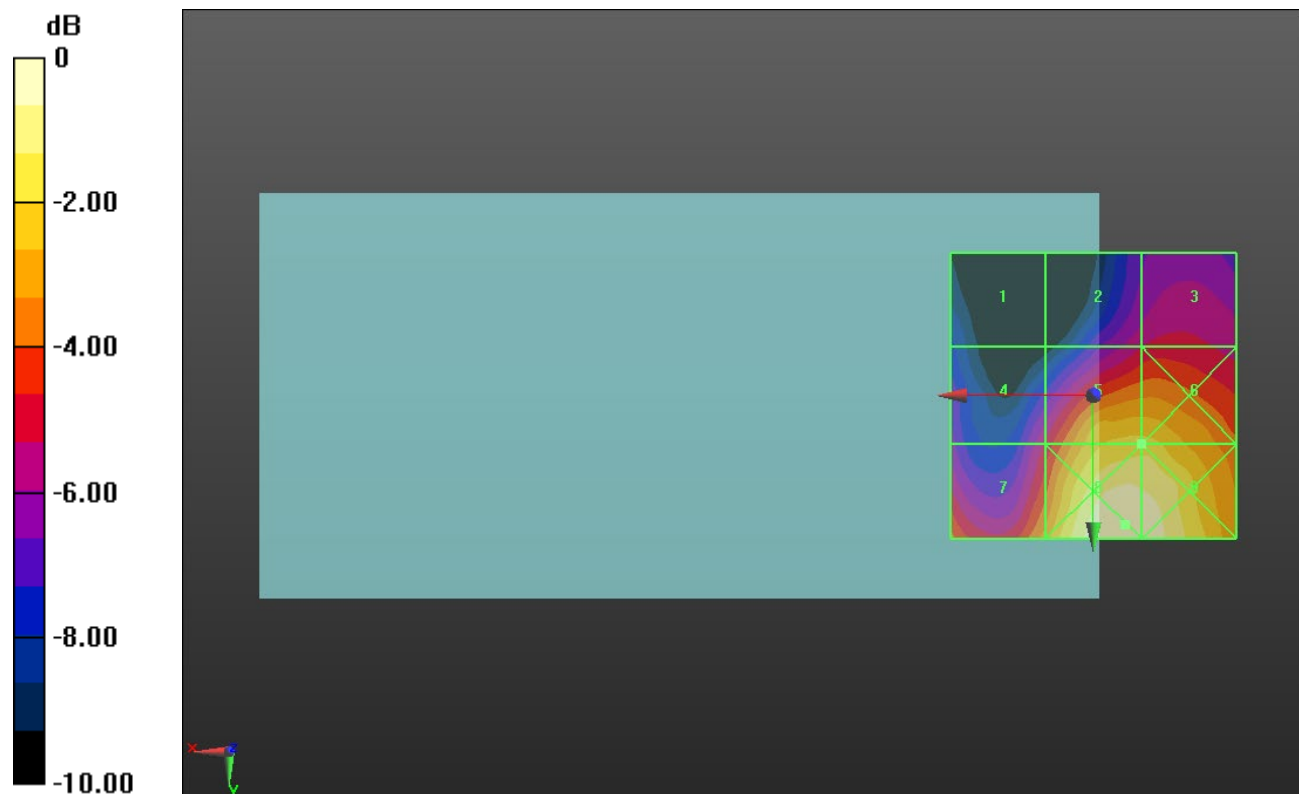
Applied MIF = -1.44 dB

RF audio interference level = 24.46 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 18.45 dBV/m | Grid 2 M4 20.82 dBV/m | Grid 3 M4 21.15 dBV/m |
| Grid 4 M4 20.89 dBV/m | Grid 5 M4 24.46 dBV/m | Grid 6 M4 24.46 dBV/m |
| Grid 7 M4 23.16 dBV/m | Grid 8 M4 26.14 dBV/m | Grid 9 M4 26.01 dBV/m |



0 dB = 20.28 V/m = 26.14 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 40185/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 = 17.84 V/m; Power Drift = -0.10 dB

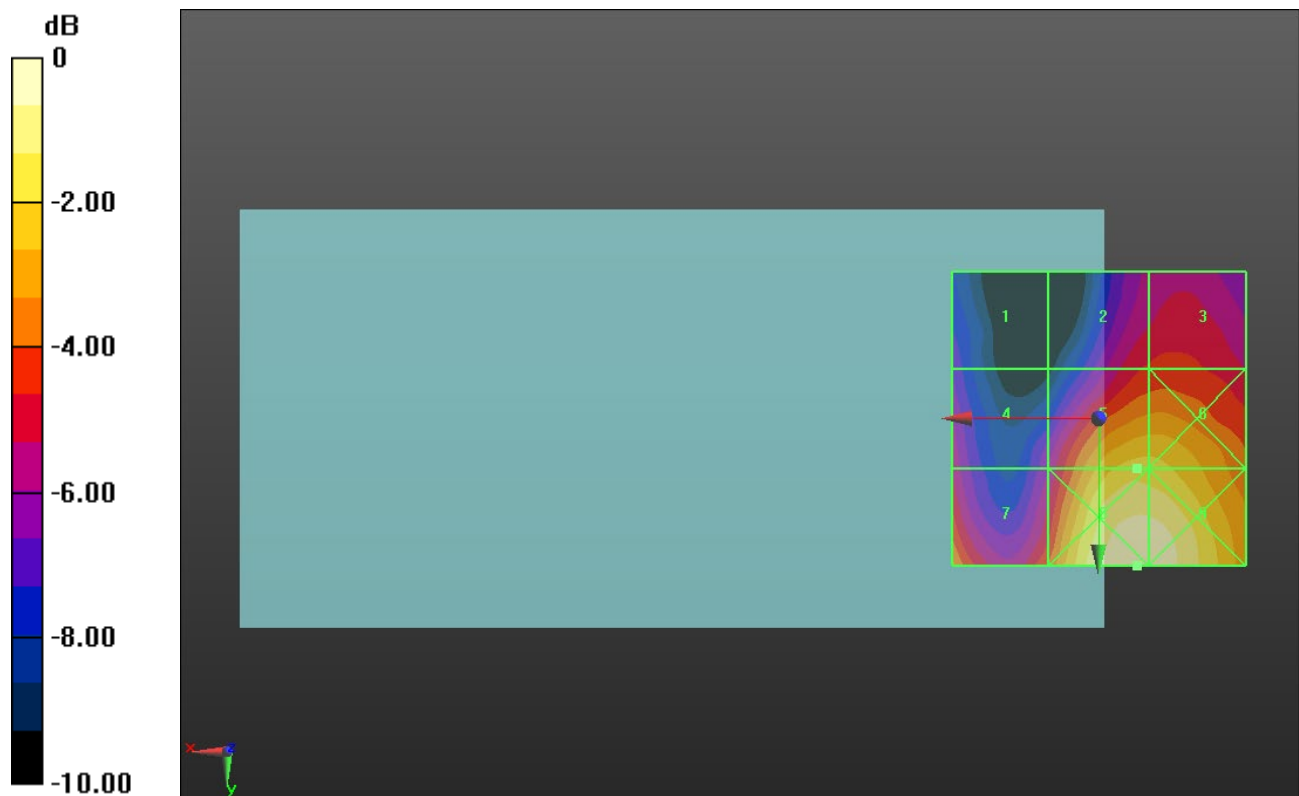
Applied MIF = -1.44 dB

RF audio interference level = 24.56 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 19.62 dBV/m | Grid 2 M4 21.69 dBV/m | Grid 3 M4 21.86 dBV/m |
| Grid 4 M4 20.96 dBV/m | Grid 5 M4 24.56 dBV/m | Grid 6 M4 24.49 dBV/m |
| Grid 7 M4 23.3 dBV/m | Grid 8 M4 26.22 dBV/m | Grid 9 M4 26.15 dBV/m |



0 dB = 20.47 V/m = 26.22 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 40620/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 = 19.03 V/m; Power Drift = -0.15 dB

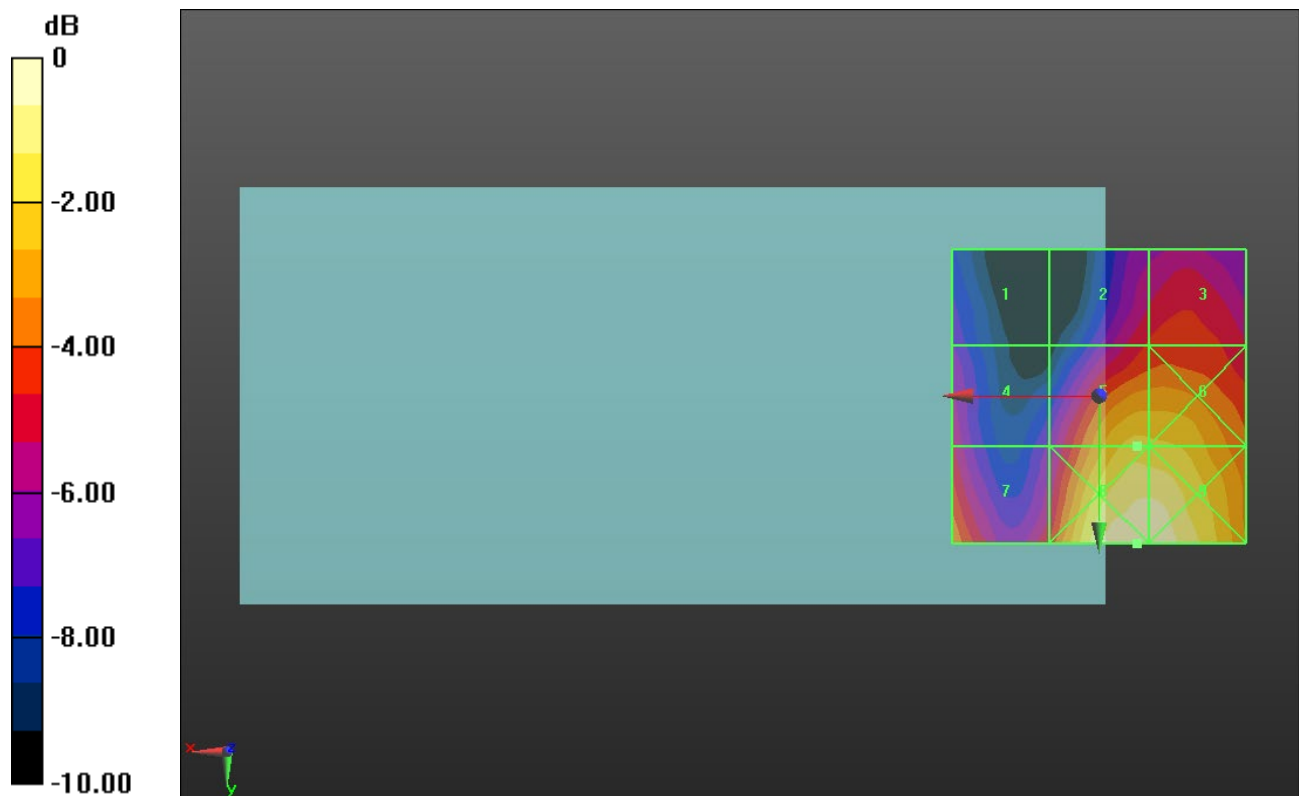
Applied MIF = -1.44 dB

RF audio interference level = 24.96 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 20.07 dBV/m | Grid 2 M4 22.16 dBV/m | Grid 3 M4 22.4 dBV/m |
| Grid 4 M4 21.61 dBV/m | Grid 5 M4 24.96 dBV/m | Grid 6 M4 24.86 dBV/m |
| Grid 7 M4 23.47 dBV/m | Grid 8 M4 26.68 dBV/m | Grid 9 M4 26.56 dBV/m |



0 dB = 21.58 V/m = 26.68 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM

Ch. 41055/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 = 15.09 V/m; Power Drift = -0.32 dB

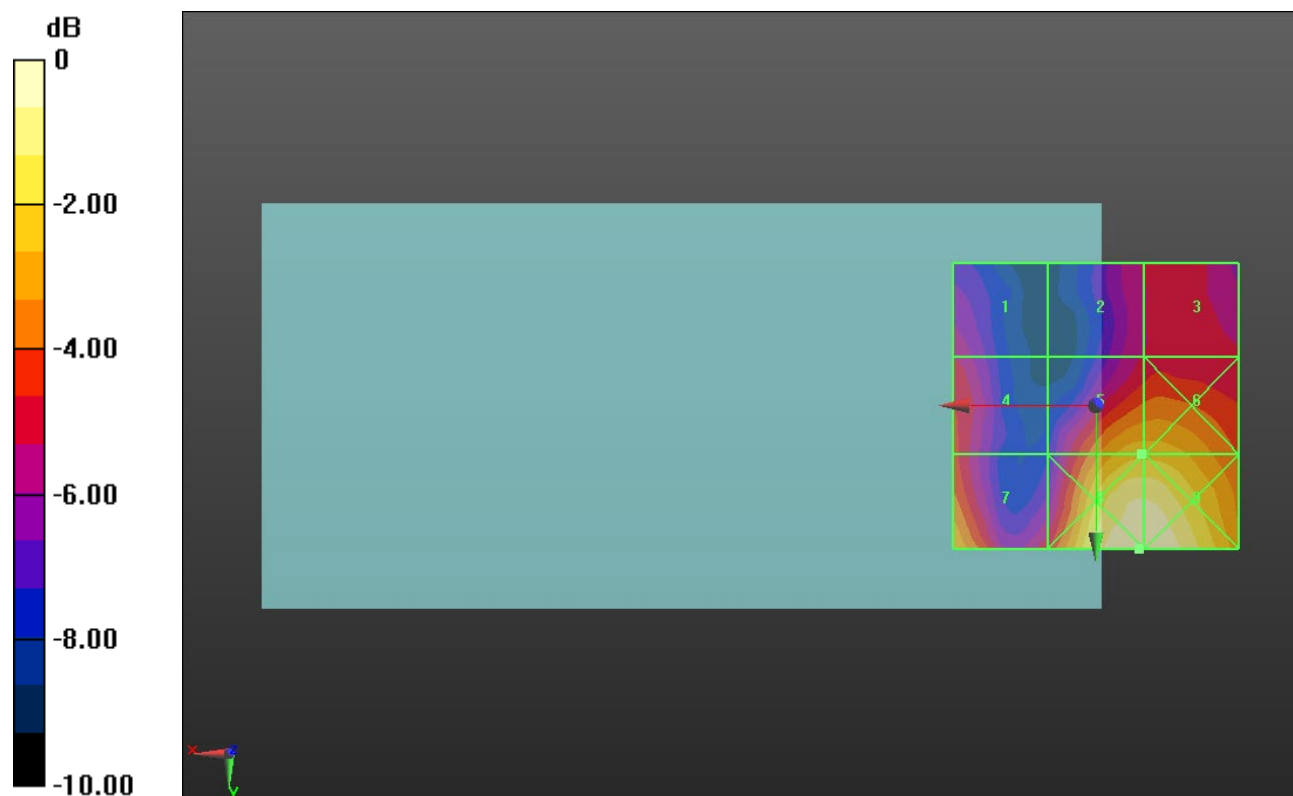
Applied MIF = -1.44 dB

RF audio interference level = 23.41 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 20.24 dBV/m | Grid 2 M4 20.37 dBV/m | Grid 3 M4 20.89 dBV/m |
| Grid 4 M4 21.26 dBV/m | Grid 5 M4 23.41 dBV/m | Grid 6 M4 23.41 dBV/m |
| Grid 7 M4 23.02 dBV/m | Grid 8 M4 25.59 dBV/m | Grid 9 M4 25.58 dBV/m |



0 dB = 19.03 V/m = 25.59 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 41490/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 = 13.78 V/m; Power Drift = -0.12 dB

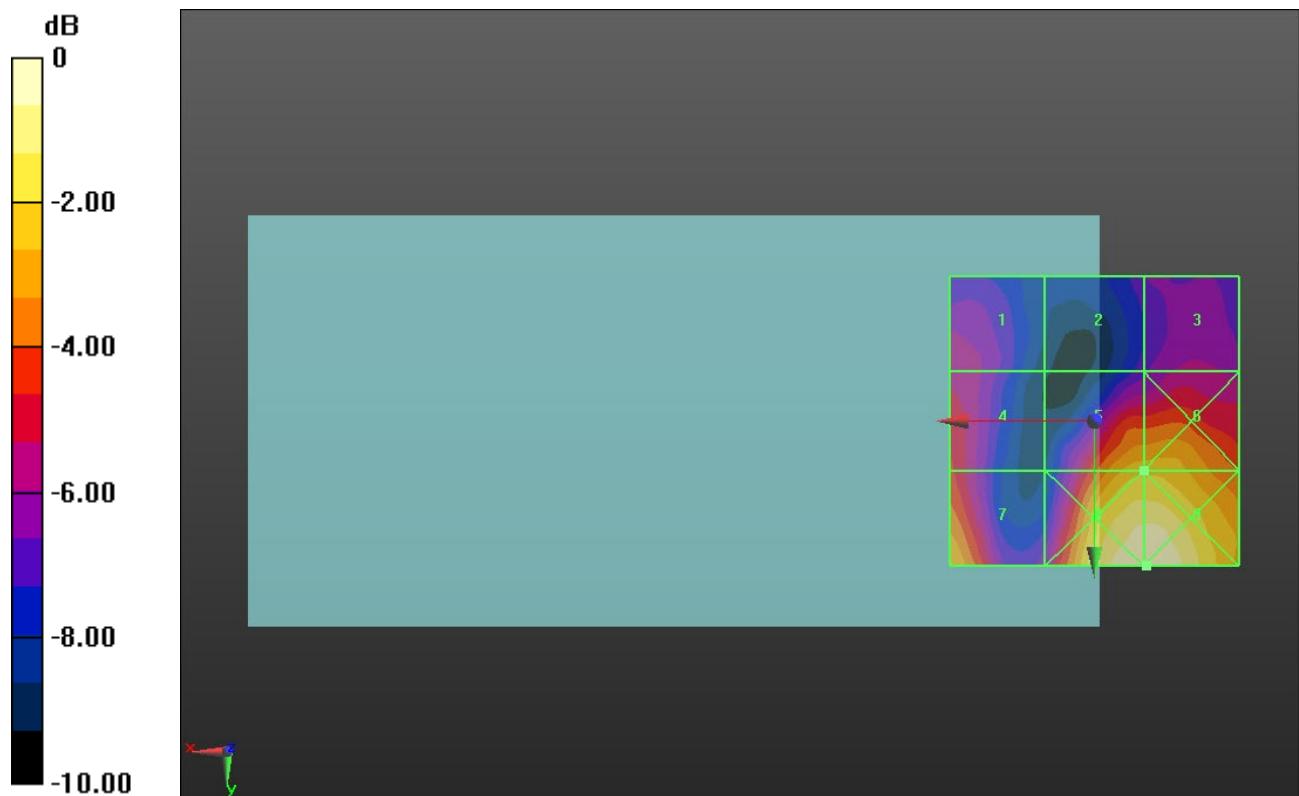
Applied MIF = -1.44 dB

RF audio interference level = 22.97 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 19.8 dBV/m | Grid 2 M4 18.55 dBV/m | Grid 3 M4 19.45 dBV/m |
| Grid 4 M4 20.73 dBV/m | Grid 5 M4 22.97 dBV/m | Grid 6 M4 23.02 dBV/m |
| Grid 7 M4 22.74 dBV/m | Grid 8 M4 25.2 dBV/m | Grid 9 M4 25.21 dBV/m |



0 dB = 18.21 V/m = 25.21 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

GSM850 E-Field measurement/Voice_ch 128/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 = 125.1 V/m; Power Drift = -0.04 dB

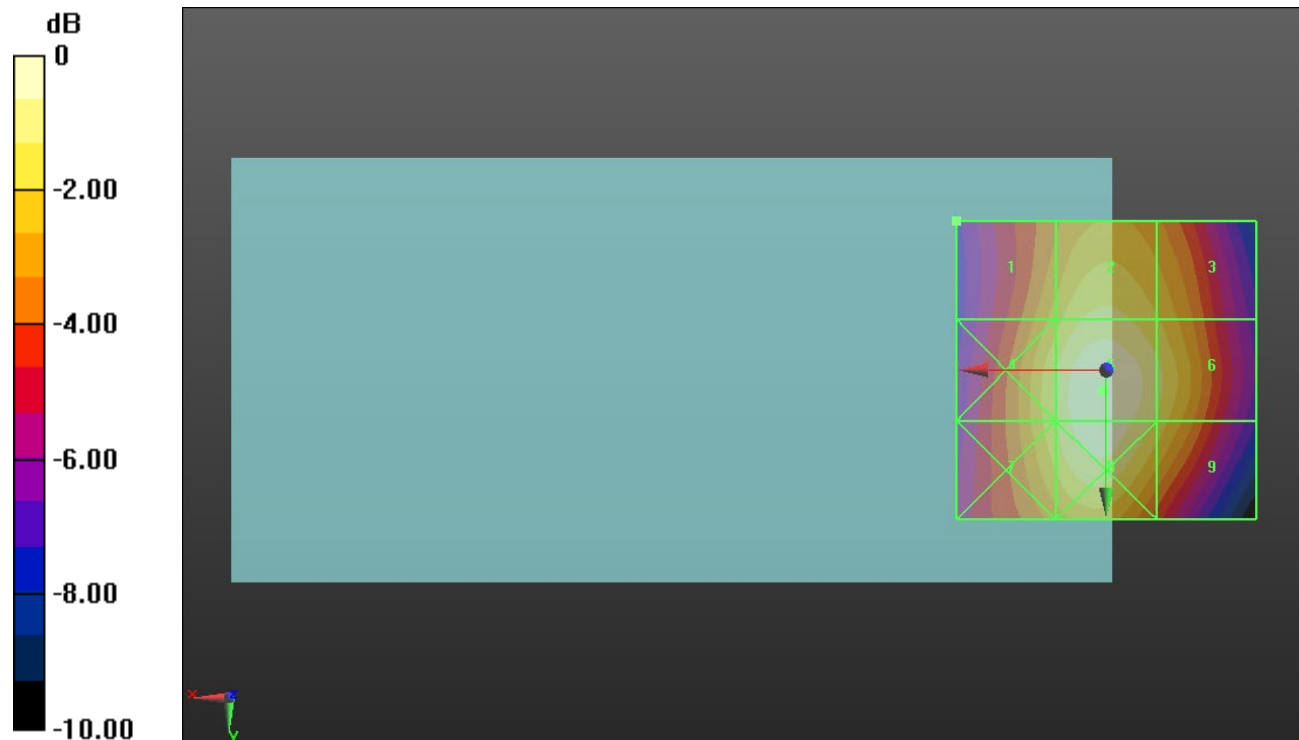
Applied MIF = 3.63 dB

RF audio interference level = 40.09 dBV/m

Emission category: M3

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 37.79 dBV/m | Grid 2 M4 39 dBV/m | Grid 3 M4 38.15 dBV/m |
| Grid 4 M4 38.83 dBV/m | Grid 5 M3 40.09 dBV/m | Grid 6 M4 38.97 dBV/m |
| Grid 7 M4 38.73 dBV/m | Grid 8 M4 39.93 dBV/m | Grid 9 M4 38.56 dBV/m |



0 dB = 101.0 V/m = 40.09 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

GSM850 E-Field measurement/Voice_ch 190/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 = 138.0 V/m; Power Drift = -0.04 dB

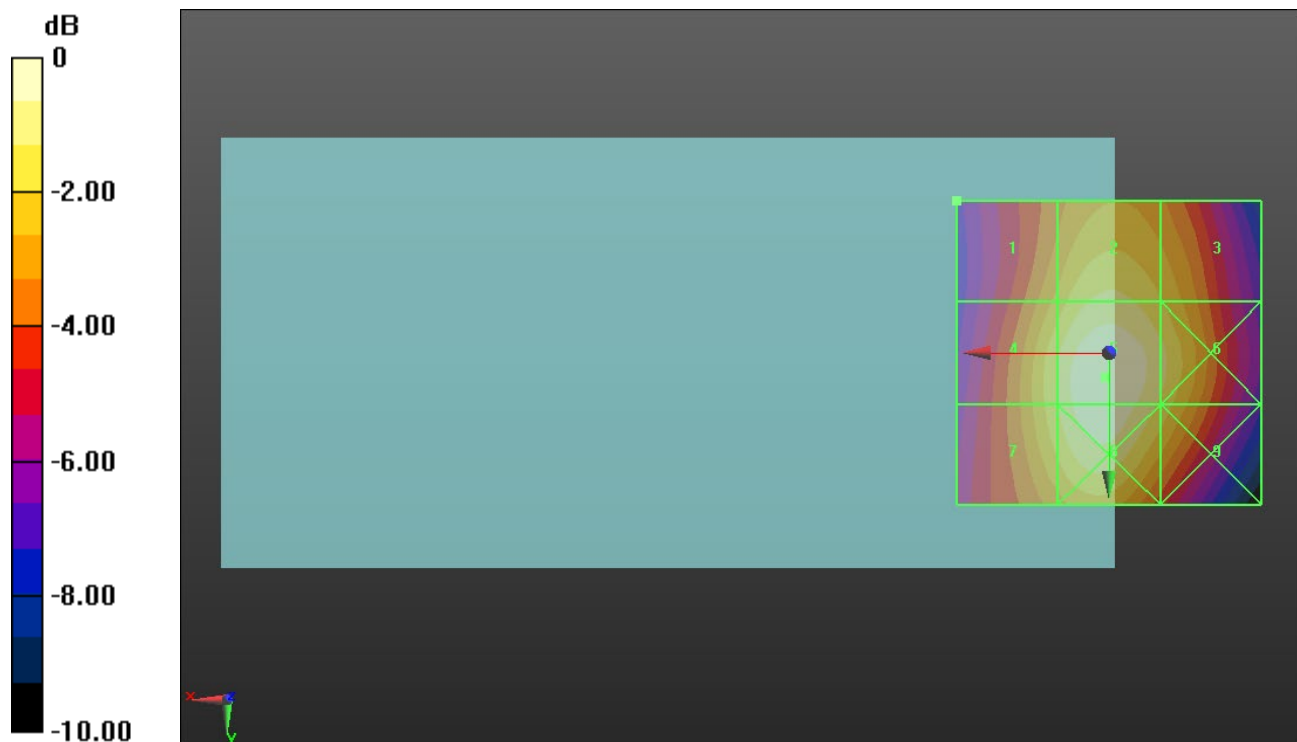
Applied MIF = 3.63 dB

RF audio interference level = 40.97 dBV/m

Emission category: M3

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 38.56 dBV/m | Grid 2 M4 39.85 dBV/m | Grid 3 M4 39.05 dBV/m |
| Grid 4 M4 39.71 dBV/m | Grid 5 M3 40.97 dBV/m | Grid 6 M4 39.86 dBV/m |
| Grid 7 M4 39.62 dBV/m | Grid 8 M3 40.8 dBV/m | Grid 9 M4 39.48 dBV/m |



0 dB = 111.8 V/m = 40.97 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

GSM850 E-Field measurement/Voice_ch 251/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 = 141.9 V/m; Power Drift = -0.01 dB

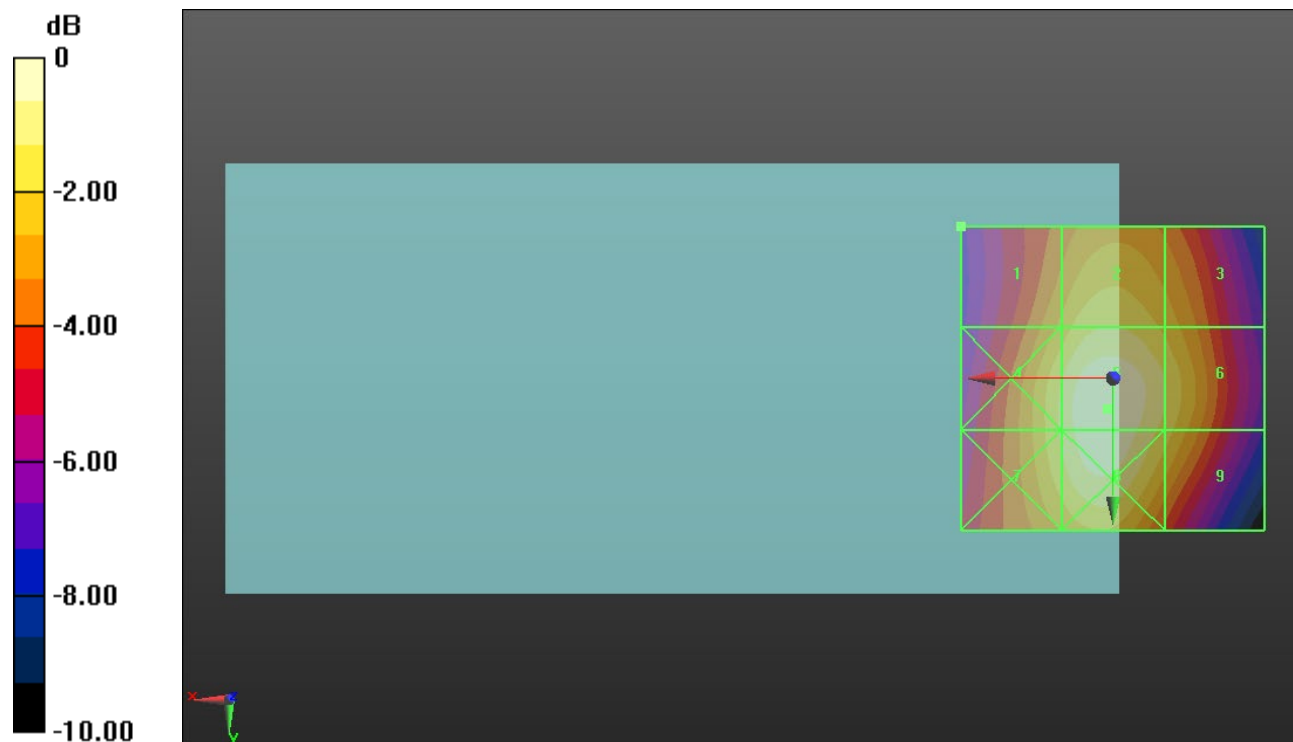
Applied MIF = 3.63 dB

RF audio interference level = 41.27 dBV/m

Emission category: M3

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 38.85 dBV/m | Grid 2 M4 39.97 dBV/m | Grid 3 M4 39.12 dBV/m |
| Grid 4 M3 40.1 dBV/m | Grid 5 M3 41.27 dBV/m | Grid 6 M3 40.01 dBV/m |
| Grid 7 M3 40.06 dBV/m | Grid 8 M3 41.18 dBV/m | Grid 9 M4 39.65 dBV/m |



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

HAC-RF Emission ANT2

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

GSM1900 E-Field measurement/Voice_ch 512/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 = 18.13 V/m; Power Drift = -0.10 dB

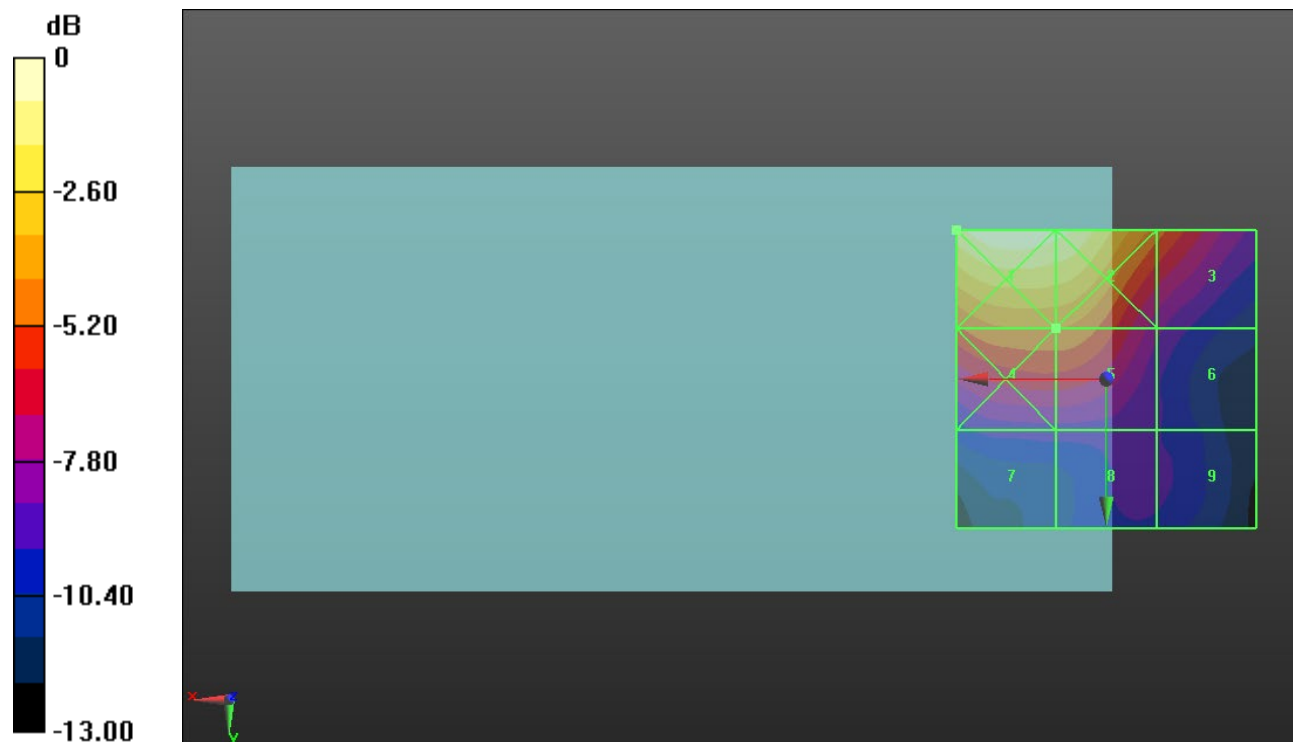
Applied MIF = 3.63 dB

RF audio interference level = 29.25 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M3 33.57 dBV/m | Grid 2 M3 33.1 dBV/m | Grid 3 M4 28.84 dBV/m |
| Grid 4 M4 29.3 dBV/m | Grid 5 M4 29.25 dBV/m | Grid 6 M4 25.23 dBV/m |
| Grid 7 M4 24.58 dBV/m | Grid 8 M4 24.58 dBV/m | Grid 9 M4 24.34 dBV/m |



0 dB = 47.70 V/m = 33.57 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

GSM1900 E-Field measurement/Voice_ch 661/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 = 15.57 V/m; Power Drift = 0.02 dB

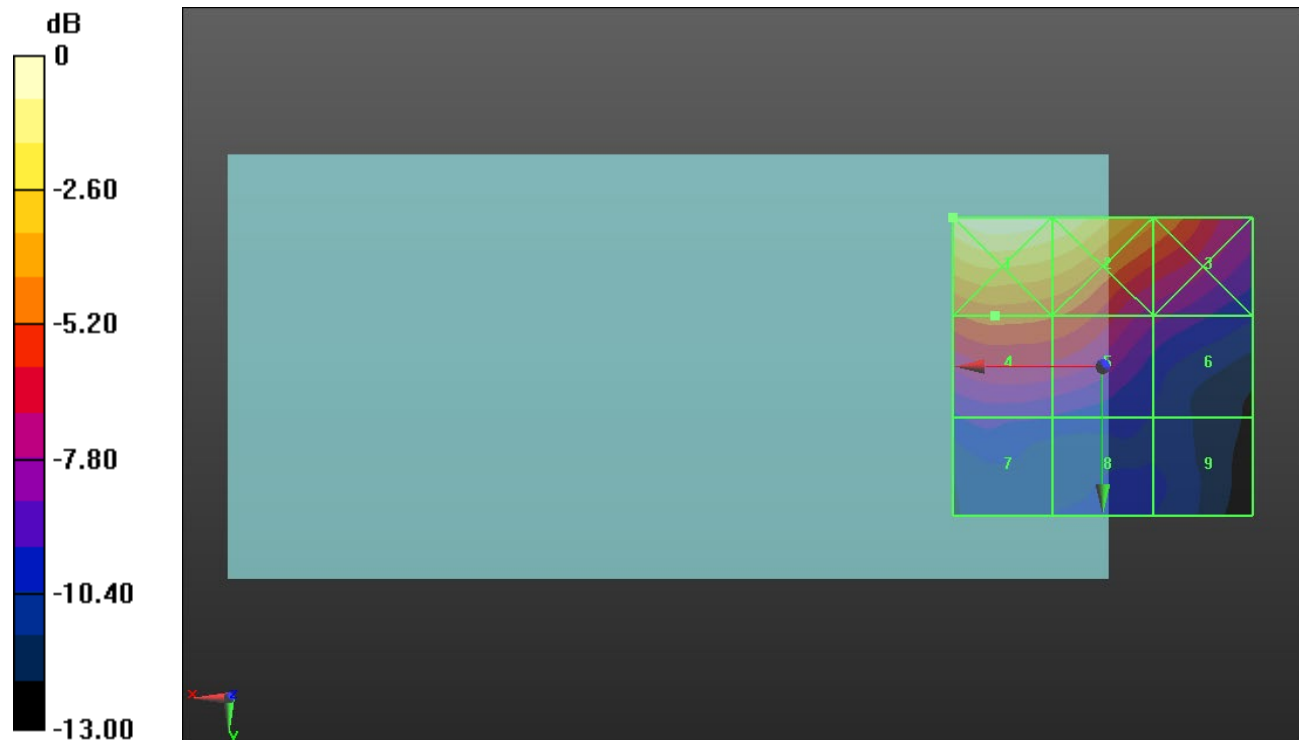
Applied MIF = 3.63 dB

RF audio interference level = 28.35 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M3 33.15 dBV/m | Grid 2 M3 32.53 dBV/m | Grid 3 M4 29.11 dBV/m |
| Grid 4 M4 28.35 dBV/m | Grid 5 M4 28.05 dBV/m | Grid 6 M4 24.88 dBV/m |
| Grid 7 M4 24.01 dBV/m | Grid 8 M4 23.59 dBV/m | Grid 9 M4 22.94 dBV/m |



0 dB = 45.44 V/m = 33.15 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

GSM1900 E-Field measurement/Voice_ch 810/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 = 16.03 V/m; Power Drift = 0.03 dB

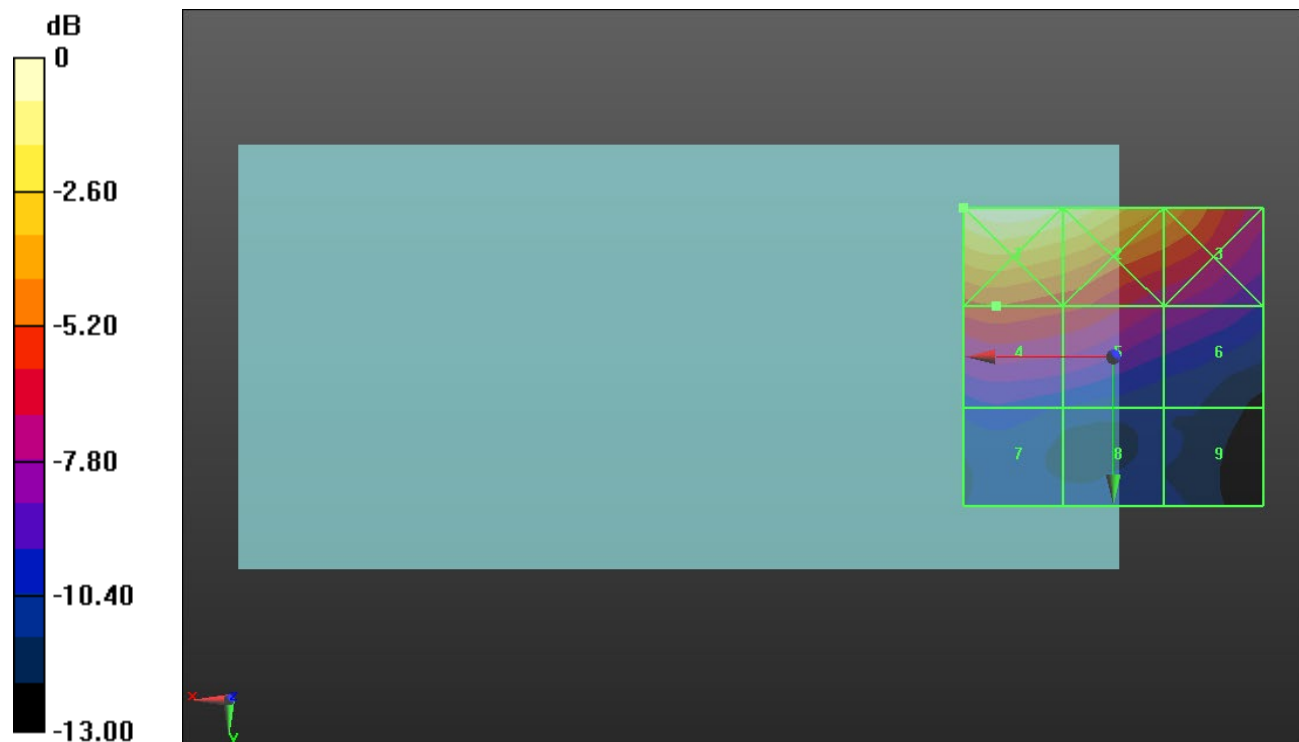
Applied MIF = 3.63 dB

RF audio interference level = 28.33 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M3 33.56 dBV/m | Grid 2 M3 32.79 dBV/m | Grid 3 M3 30.01 dBV/m |
| Grid 4 M4 28.33 dBV/m | Grid 5 M4 27.79 dBV/m | Grid 6 M4 25.88 dBV/m |
| Grid 7 M4 23.93 dBV/m | Grid 8 M4 23.15 dBV/m | Grid 9 M4 22.73 dBV/m |



0 dB = 47.63 V/m = 33.56 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

39750/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 = 32.91 V/m; Power Drift = 0.03 dB

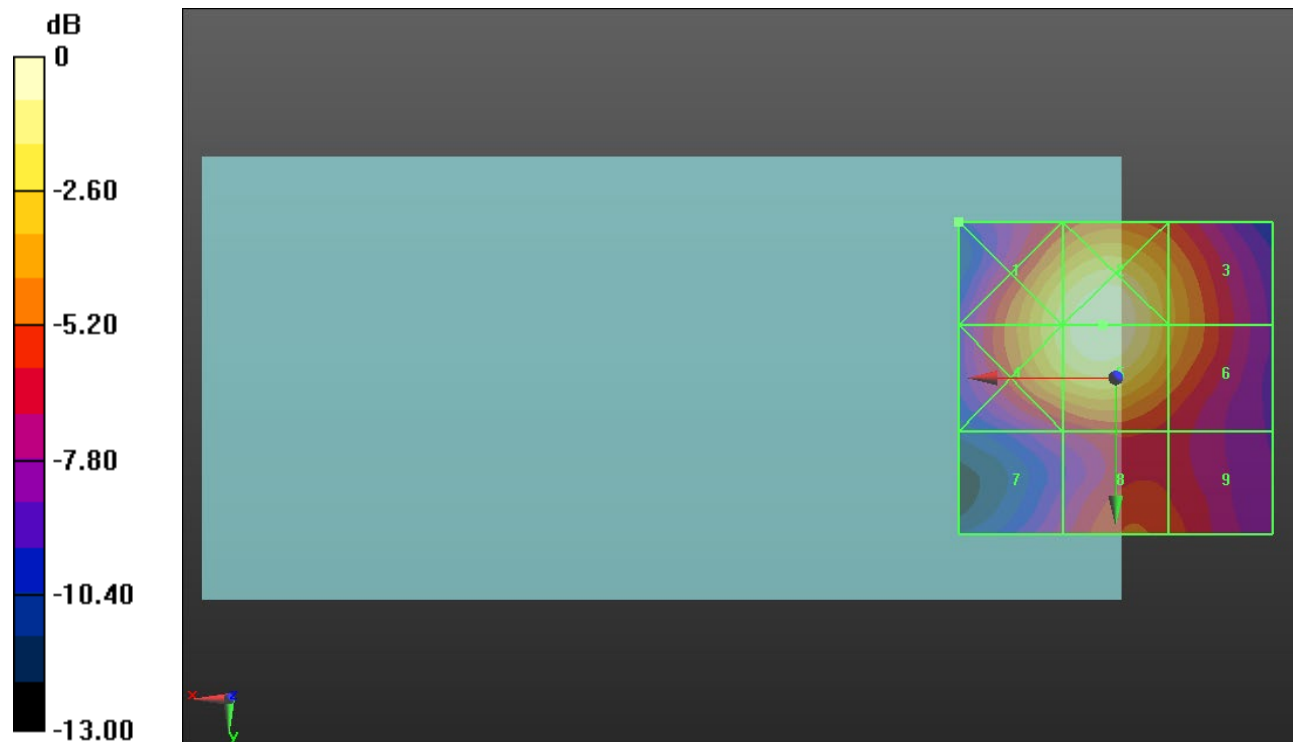
Applied MIF = -1.44 dB

RF audio interference level = 26.87 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 25.63 dBV/m | Grid 2 M4 26.87 dBV/m | Grid 3 M4 23.84 dBV/m |
| Grid 4 M4 25.63 dBV/m | Grid 5 M4 26.87 dBV/m | Grid 6 M4 23.83 dBV/m |
| Grid 7 M4 19.83 dBV/m | Grid 8 M4 21.8 dBV/m | Grid 9 M4 21.32 dBV/m |



0 dB = 22.05 V/m = 26.87 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

40185/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 = 26.92 V/m; Power Drift = 0.03 dB

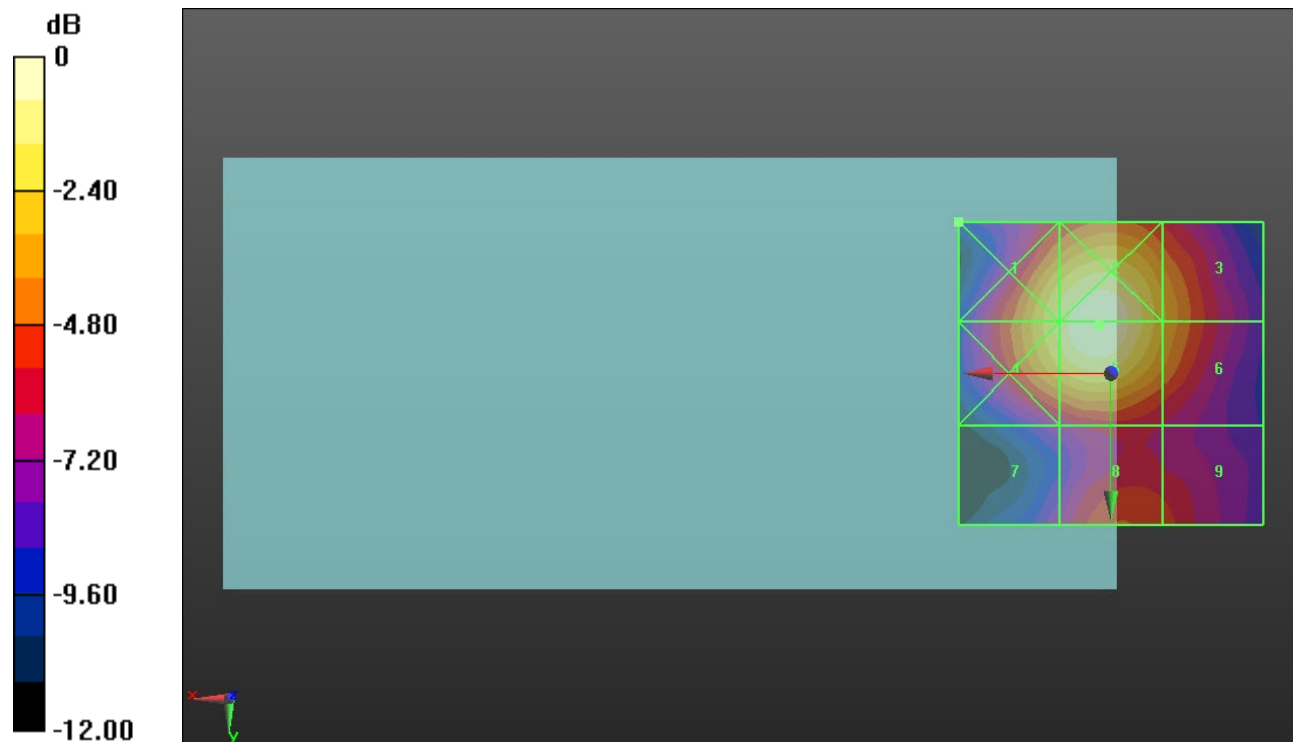
Applied MIF = -1.44 dB

RF audio interference level = 25.01 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 23.74 dBV/m | Grid 2 M4 25.01 dBV/m | Grid 3 M4 22.02 dBV/m |
| Grid 4 M4 23.74 dBV/m | Grid 5 M4 25.01 dBV/m | Grid 6 M4 22.01 dBV/m |
| Grid 7 M4 17.95 dBV/m | Grid 8 M4 20.33 dBV/m | Grid 9 M4 19.79 dBV/m |



0 dB = 17.81 V/m = 25.01 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

40620/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 = 26.91 V/m; Power Drift = 0.01 dB

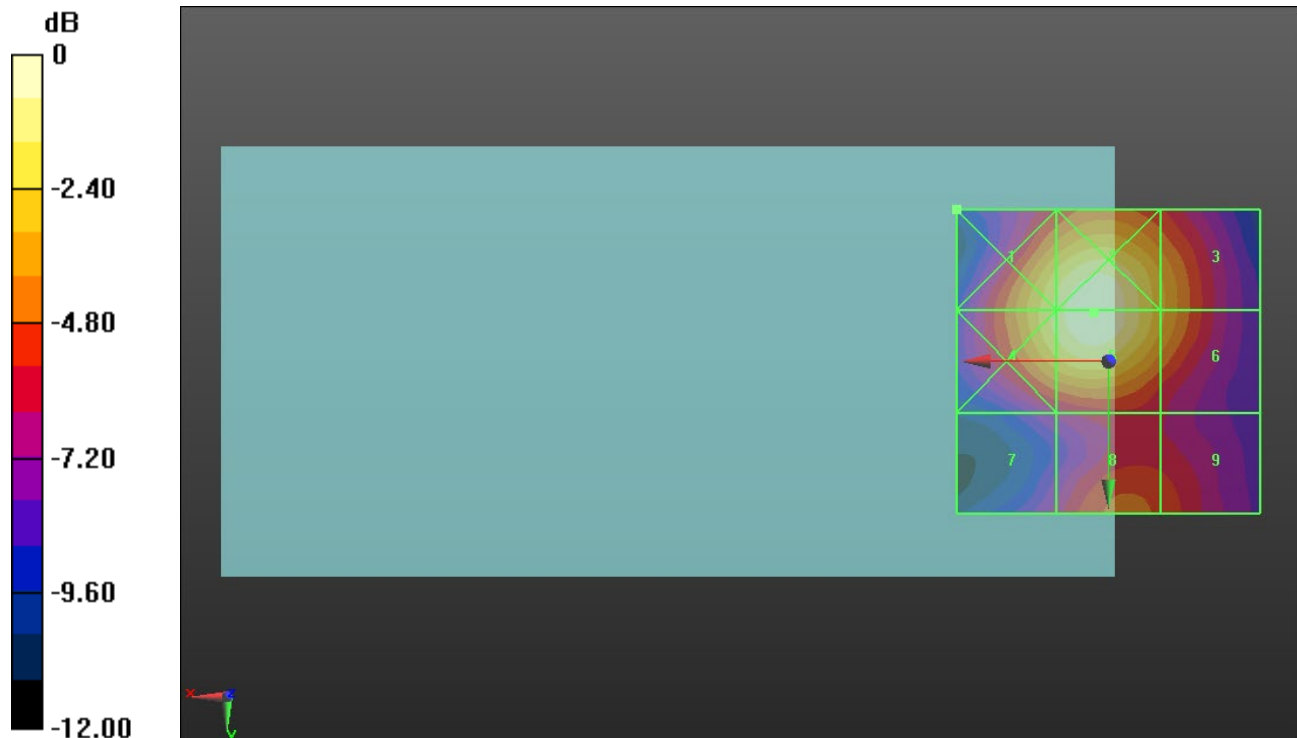
Applied MIF = -1.44 dB

RF audio interference level = 24.99 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 23.7 dBV/m | Grid 2 M4 24.98 dBV/m | Grid 3 M4 22.12 dBV/m |
| Grid 4 M4 23.75 dBV/m | Grid 5 M4 24.99 dBV/m | Grid 6 M4 22.11 dBV/m |
| Grid 7 M4 18.27 dBV/m | Grid 8 M4 20.45 dBV/m | Grid 9 M4 20.05 dBV/m |



0 dB = 17.76 V/m = 24.99 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

41055/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 = 27.56 V/m; Power Drift = -0.11 dB

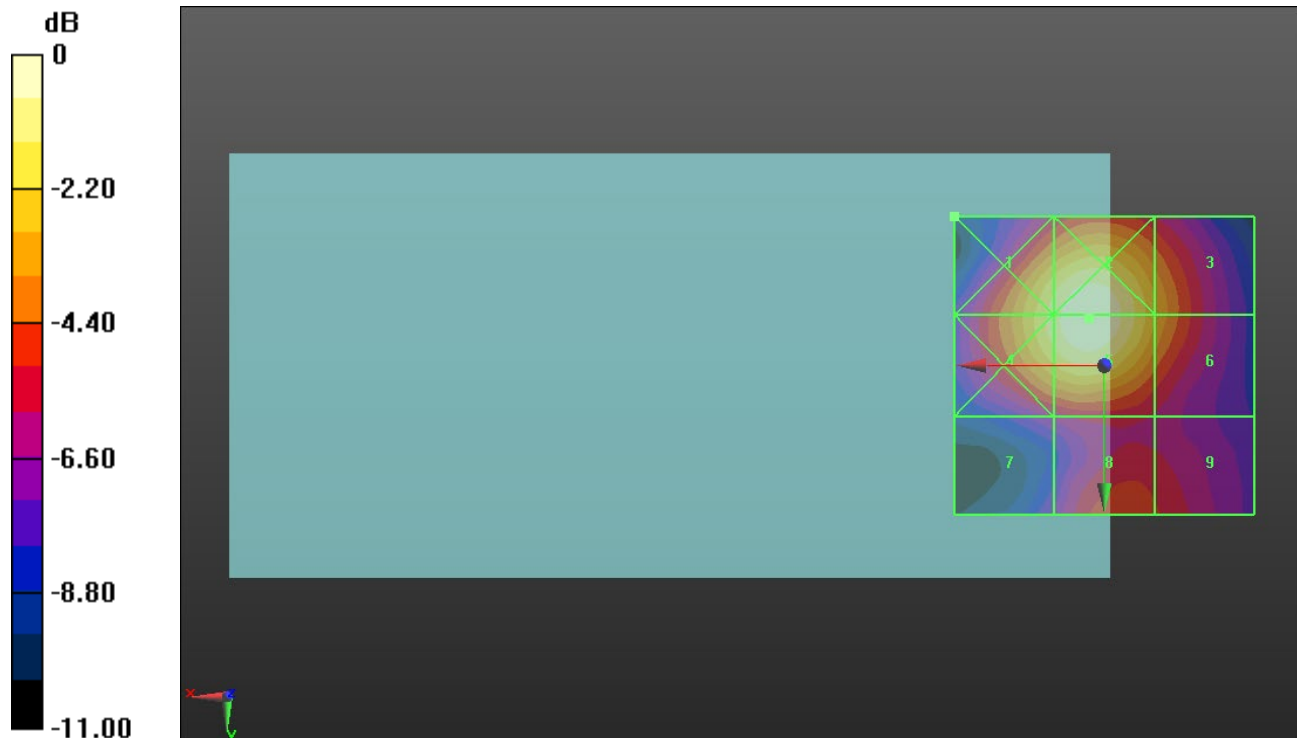
Applied MIF = -1.44 dB

RF audio interference level = 25.06 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 23.95 dBV/m | Grid 2 M4 25.05 dBV/m | Grid 3 M4 22.19 dBV/m |
| Grid 4 M4 23.98 dBV/m | Grid 5 M4 25.06 dBV/m | Grid 6 M4 22.18 dBV/m |
| Grid 7 M4 18.73 dBV/m | Grid 8 M4 20.55 dBV/m | Grid 9 M4 20.07 dBV/m |



0 dB = 17.90 V/m = 25.06 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

41490/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 = 27.97 V/m; Power Drift = -0.16 dB

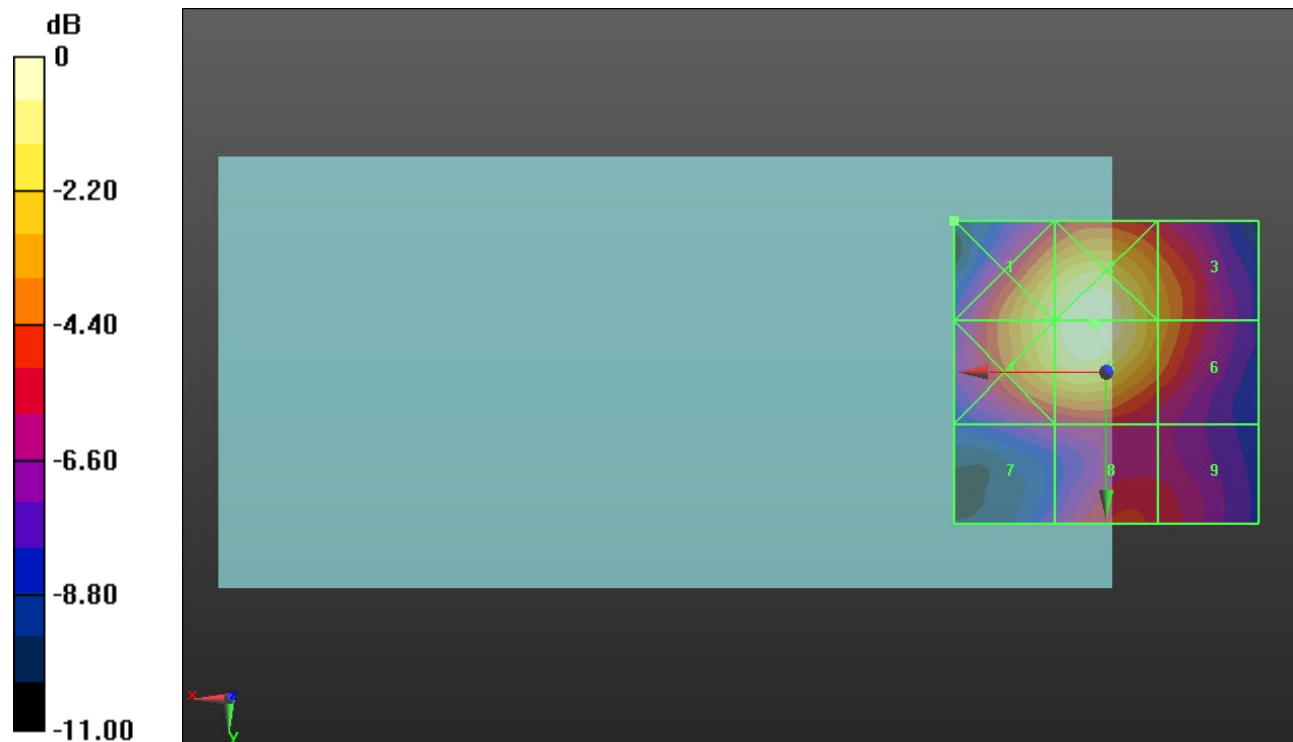
Applied MIF = -1.44 dB

RF audio interference level = 25.11 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 24.07 dBV/m | Grid 2 M4 25.11 dBV/m | Grid 3 M4 22.15 dBV/m |
| Grid 4 M4 24.09 dBV/m | Grid 5 M4 25.11 dBV/m | Grid 6 M4 22.15 dBV/m |
| Grid 7 M4 18.98 dBV/m | Grid 8 M4 20.17 dBV/m | Grid 9 M4 19.8 dBV/m |



0 dB = 18.01 V/m = 25.11 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 39750/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 = 48.98 V/m; Power Drift = 0.16 dB

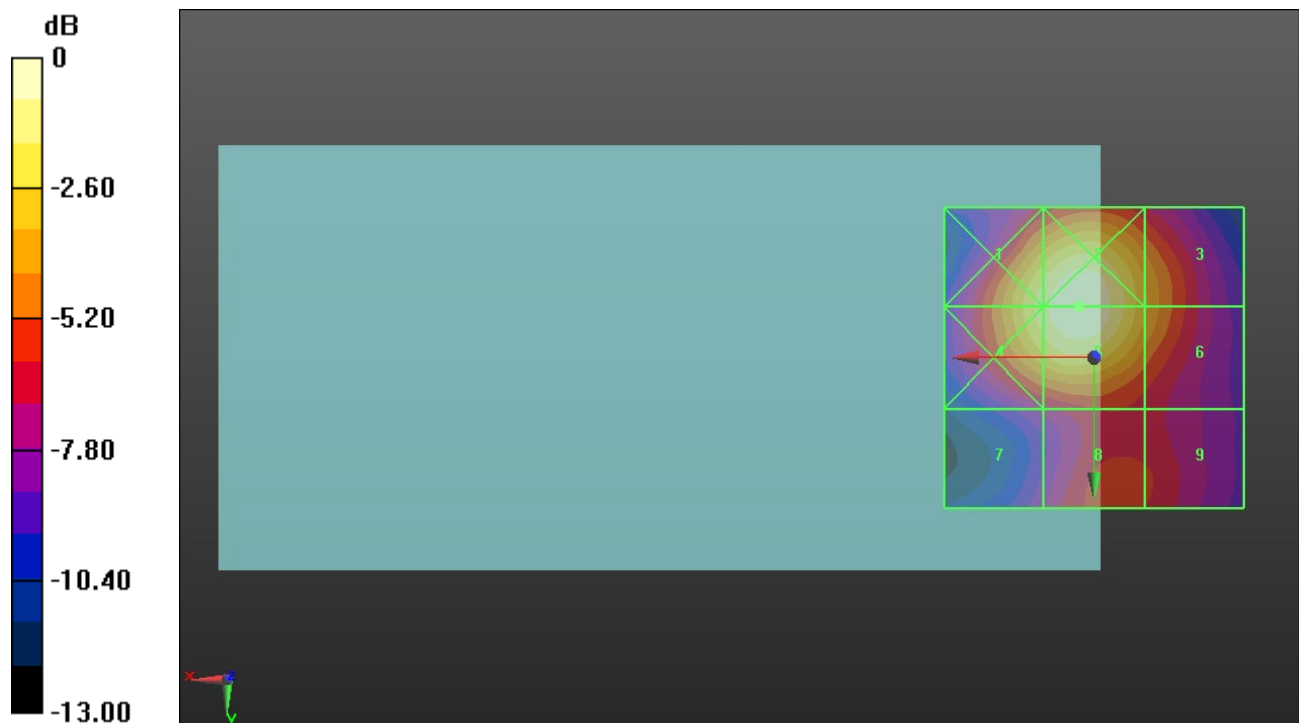
Applied MIF = -1.44 dB

RF audio interference level = 30.75 dBV/m

Emission category: **M3**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 29.57 dBV/m | Grid 2 M3 30.75 dBV/m | Grid 3 M4 27.44 dBV/m |
| Grid 4 M4 29.57 dBV/m | Grid 5 M3 30.75 dBV/m | Grid 6 M4 27.43 dBV/m |
| Grid 7 M4 23.4 dBV/m | Grid 8 M4 25.2 dBV/m | Grid 9 M4 24.88 dBV/m |



0 dB = 34.47 V/m = 30.75 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 40185/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 = 39.76 V/m; Power Drift = -0.01 dB

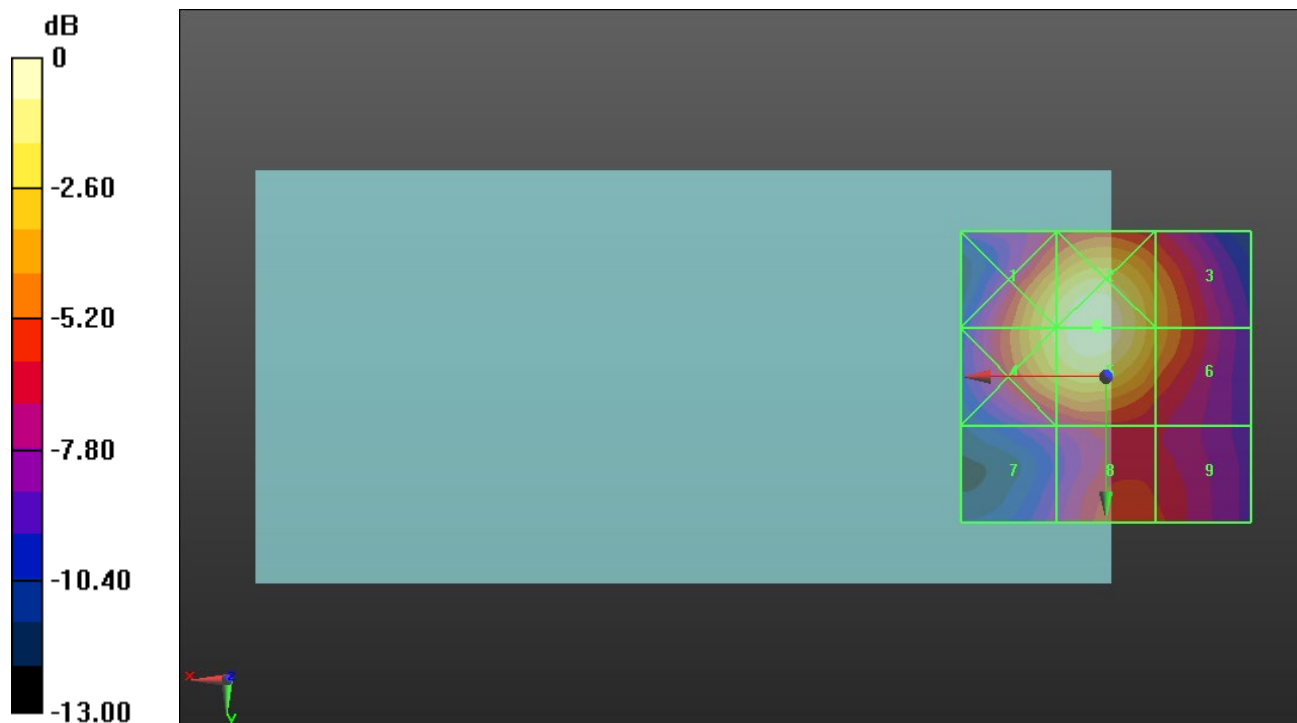
Applied MIF = -1.44 dB

RF audio interference level = 28.80 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 27.4 dBV/m | Grid 2 M4 28.82 dBV/m | Grid 3 M4 25.43 dBV/m |
| Grid 4 M4 27.4 dBV/m | Grid 5 M4 28.8 dBV/m | Grid 6 M4 25.43 dBV/m |
| Grid 7 M4 21.23 dBV/m | Grid 8 M4 23.38 dBV/m | Grid 9 M4 23 dBV/m |



0 dB = 27.59 V/m = 28.82 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM

Ch. 40620/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 = 40.04 V/m; Power Drift = 0.08 dB

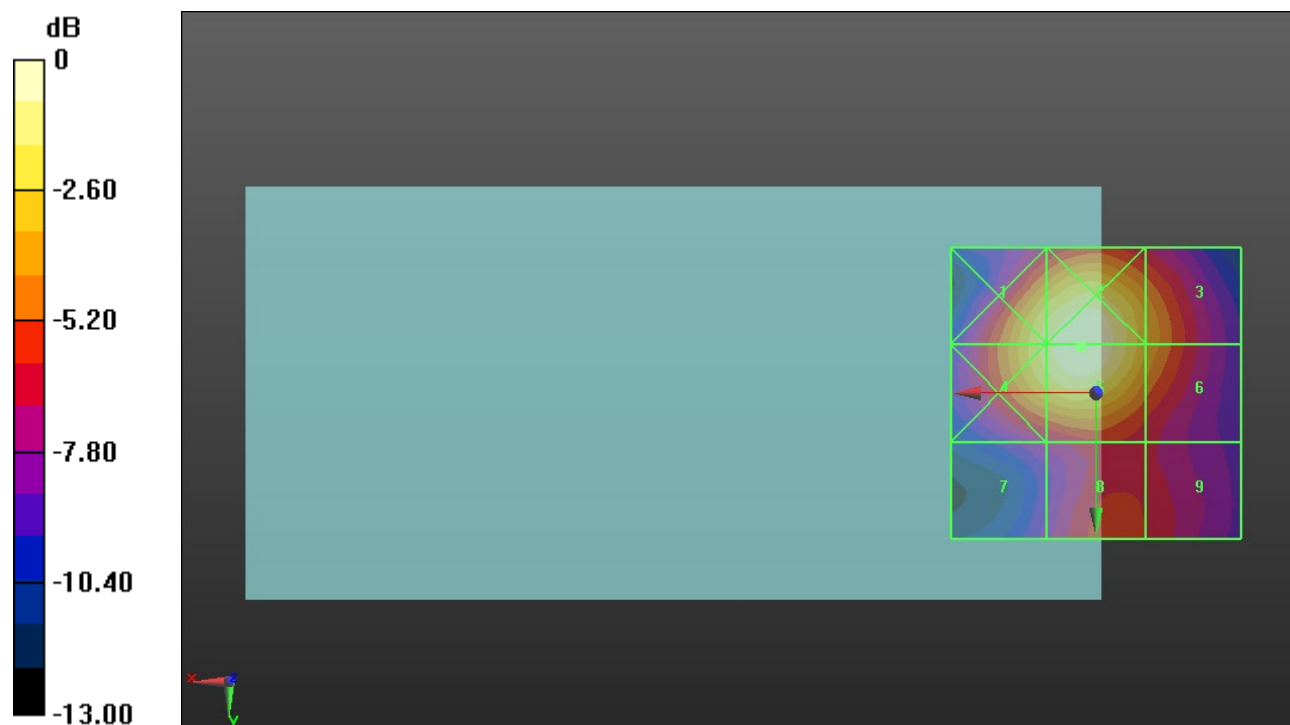
Applied MIF = -1.44 dB

RF audio interference level = 28.95 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 27.73 dBV/m | Grid 2 M4 28.95 dBV/m | Grid 3 M4 25.7 dBV/m |
| Grid 4 M4 27.73 dBV/m | Grid 5 M4 28.95 dBV/m | Grid 6 M4 25.66 dBV/m |
| Grid 7 M4 21.6 dBV/m | Grid 8 M4 23.37 dBV/m | Grid 9 M4 22.92 dBV/m |



0 dB = 28.03 V/m = 28.95 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM

Ch. 41055/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 = 41.74 V/m; Power Drift = -0.04 dB

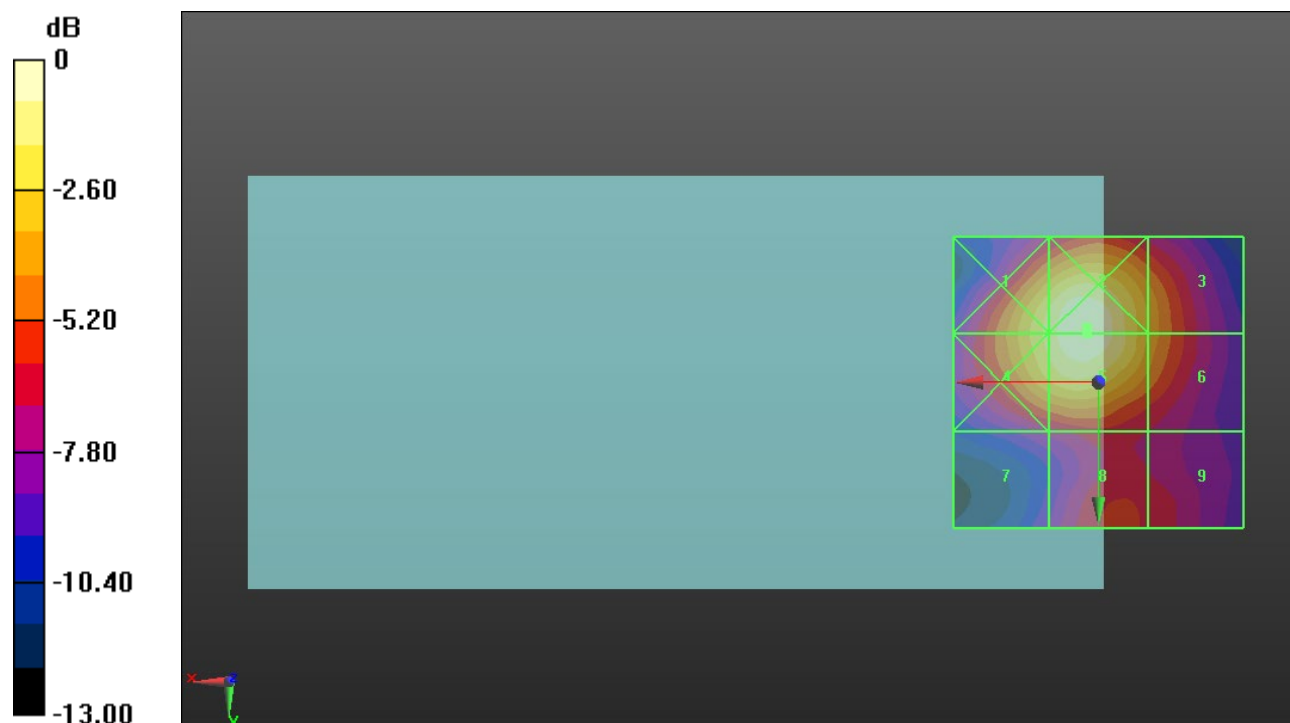
Applied MIF = -1.44 dB

RF audio interference level = 29.35 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 28.07 dBV/m | Grid 2 M4 29.38 dBV/m | Grid 3 M4 25.88 dBV/m |
| Grid 4 M4 28.07 dBV/m | Grid 5 M4 29.35 dBV/m | Grid 6 M4 25.87 dBV/m |
| Grid 7 M4 21.99 dBV/m | Grid 8 M4 23.5 dBV/m | Grid 9 M4 23.17 dBV/m |



0 dB = 29.45 V/m = 29.38 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM

Ch. 41490/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 = 42.81 V/m; Power Drift = -0.03 dB

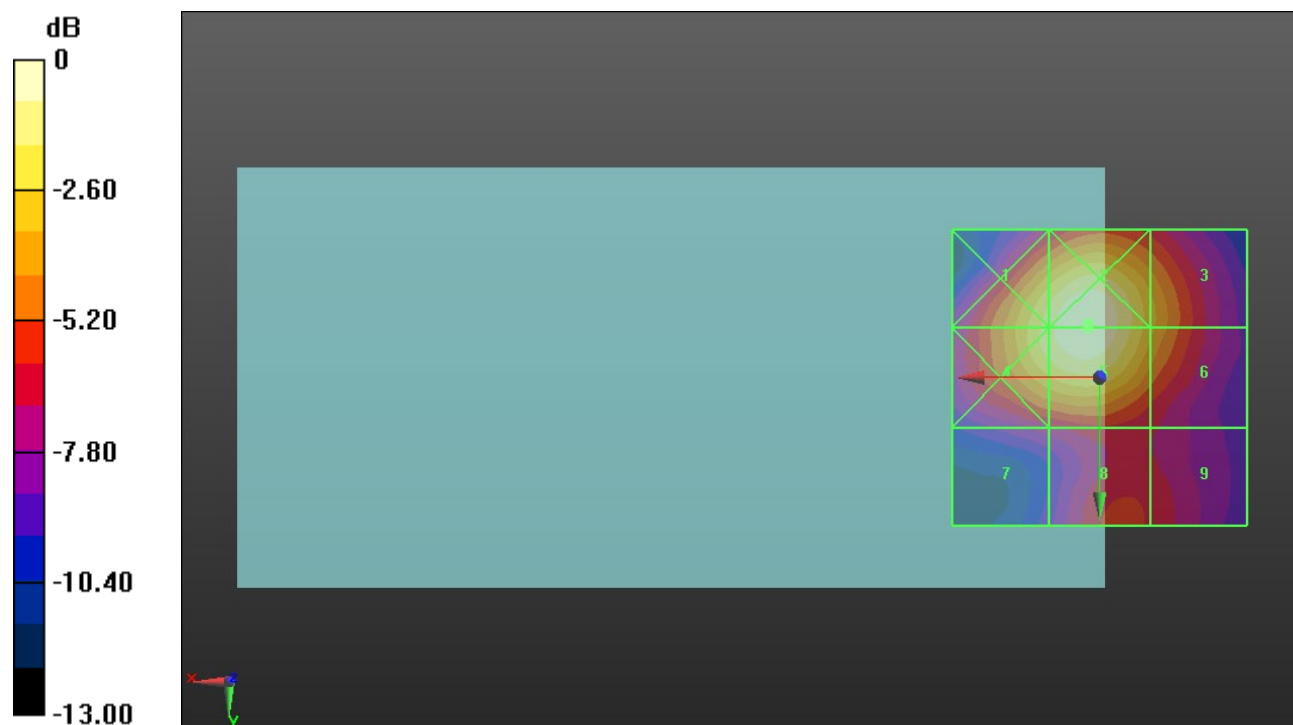
Applied MIF = -1.44 dB

RF audio interference level = 29.26 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 28.07 dBV/m | Grid 2 M4 29.27 dBV/m | Grid 3 M4 26.24 dBV/m |
| Grid 4 M4 28.11 dBV/m | Grid 5 M4 29.26 dBV/m | Grid 6 M4 26.16 dBV/m |
| Grid 7 M4 22.11 dBV/m | Grid 8 M4 23.48 dBV/m | Grid 9 M4 23.09 dBV/m |



0 dB = 29.06 V/m = 29.27 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

GSM1900 E-Field measurement/Voice_ch 512/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 = 23.74 V/m; Power Drift = -0.04 dB

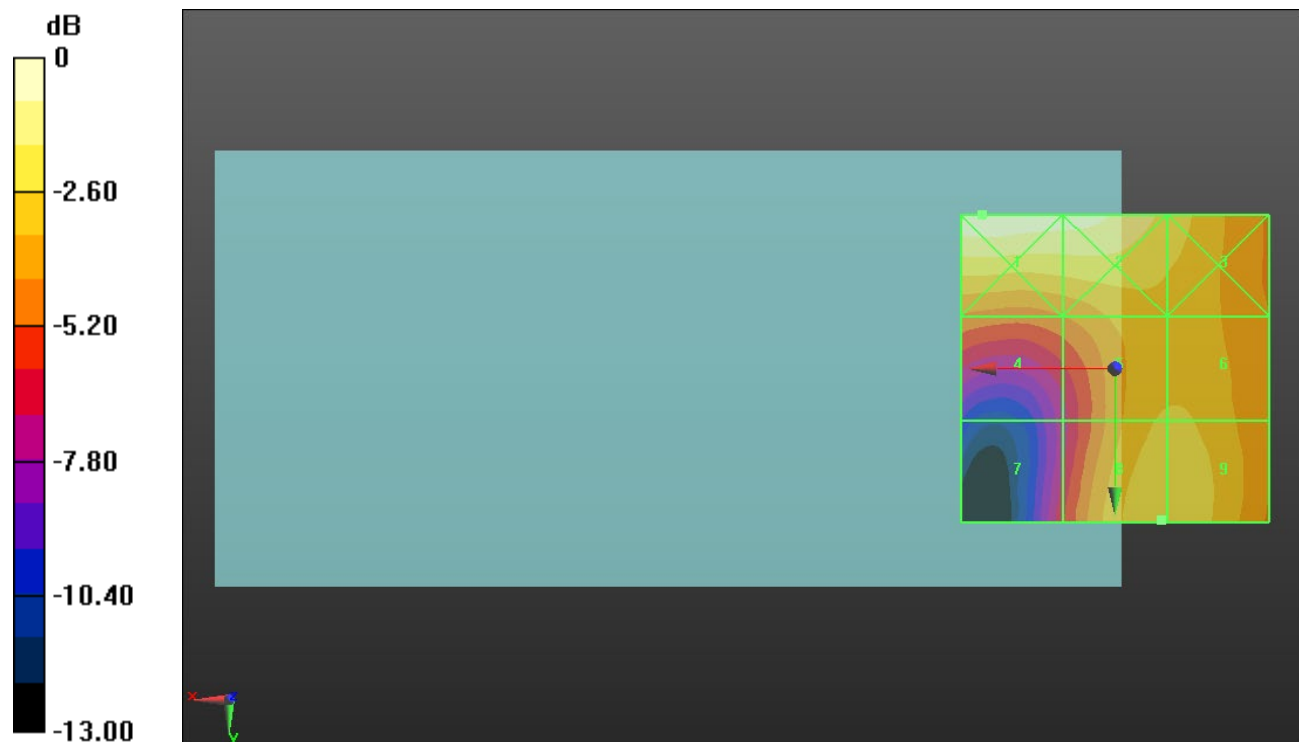
Applied MIF = 3.63 dB

RF audio interference level = 30.66 dBV/m

Emission category: M3

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M3 32.54 dBV/m | Grid 2 M3 32.16 dBV/m | Grid 3 M3 30.52 dBV/m |
| Grid 4 M4 28.2 dBV/m | Grid 5 M3 30.07 dBV/m | Grid 6 M3 30.09 dBV/m |
| Grid 7 M4 26.36 dBV/m | Grid 8 M3 30.66 dBV/m | Grid 9 M3 30.65 dBV/m |



0 dB = 42.36 V/m = 32.54 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

GSM1900 E-Field measurement/Voice_ch 661/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 = 24.94 V/m; Power Drift = -0.01 dB

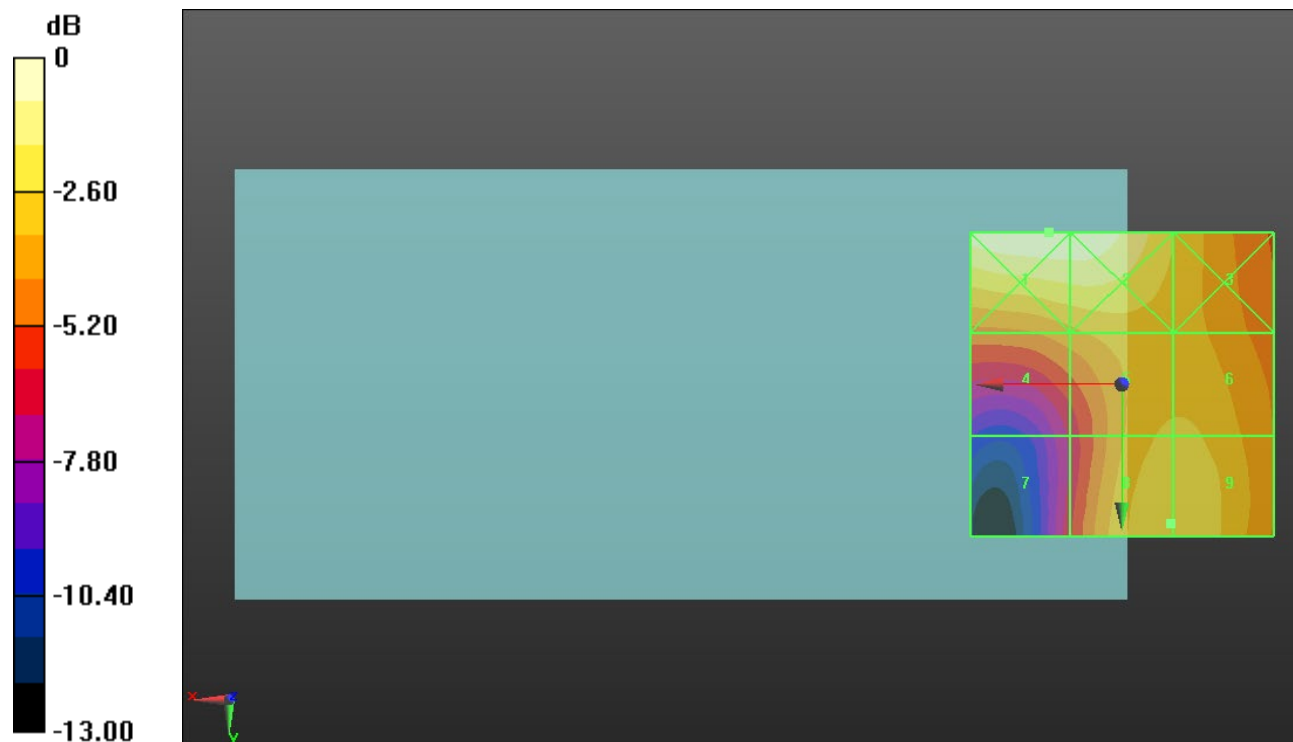
Applied MIF = 3.63 dB

RF audio interference level = 31.03 dBV/m

Emission category: M3

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M3 32.89 dBV/m | Grid 2 M3 32.81 dBV/m | Grid 3 M3 30.33 dBV/m |
| Grid 4 M4 29.17 dBV/m | Grid 5 M3 30.46 dBV/m | Grid 6 M3 30.47 dBV/m |
| Grid 7 M4 26.73 dBV/m | Grid 8 M3 31.03 dBV/m | Grid 9 M3 31.03 dBV/m |



0 dB = 44.09 V/m = 32.89 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

GSM1900 E-Field measurement/Voice_ch 810/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 = 23.17 V/m; Power Drift = -0.02 dB

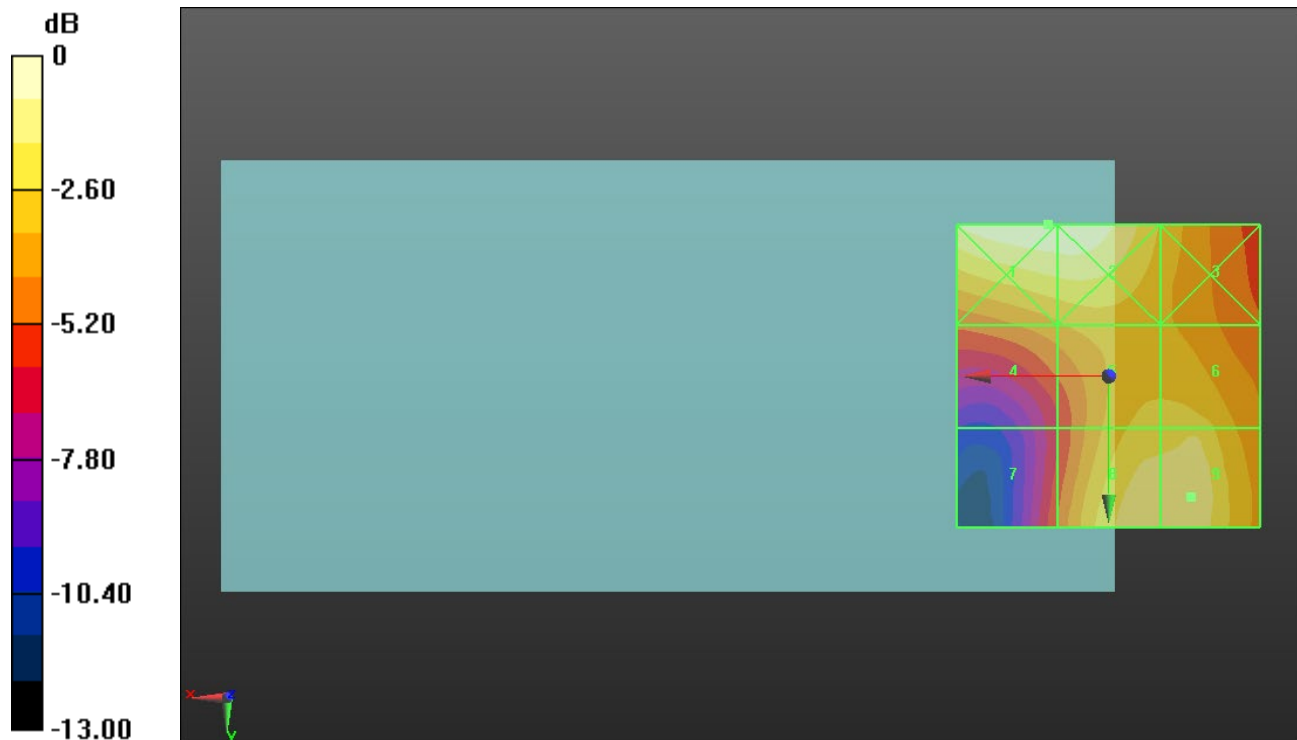
Applied MIF = 3.63 dB

RF audio interference level = 31.16 dBV/m

Emission category: M3

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M3 32.19 dBV/m | Grid 2 M3 32.18 dBV/m | Grid 3 M4 29.52 dBV/m |
| Grid 4 M4 28.58 dBV/m | Grid 5 M3 30.02 dBV/m | Grid 6 M3 30.21 dBV/m |
| Grid 7 M4 27.1 dBV/m | Grid 8 M3 31.1 dBV/m | Grid 9 M3 31.16 dBV/m |



0 dB = 40.67 V/m = 32.19 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

39750/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 = 18.45 V/m; Power Drift = 0.01 dB

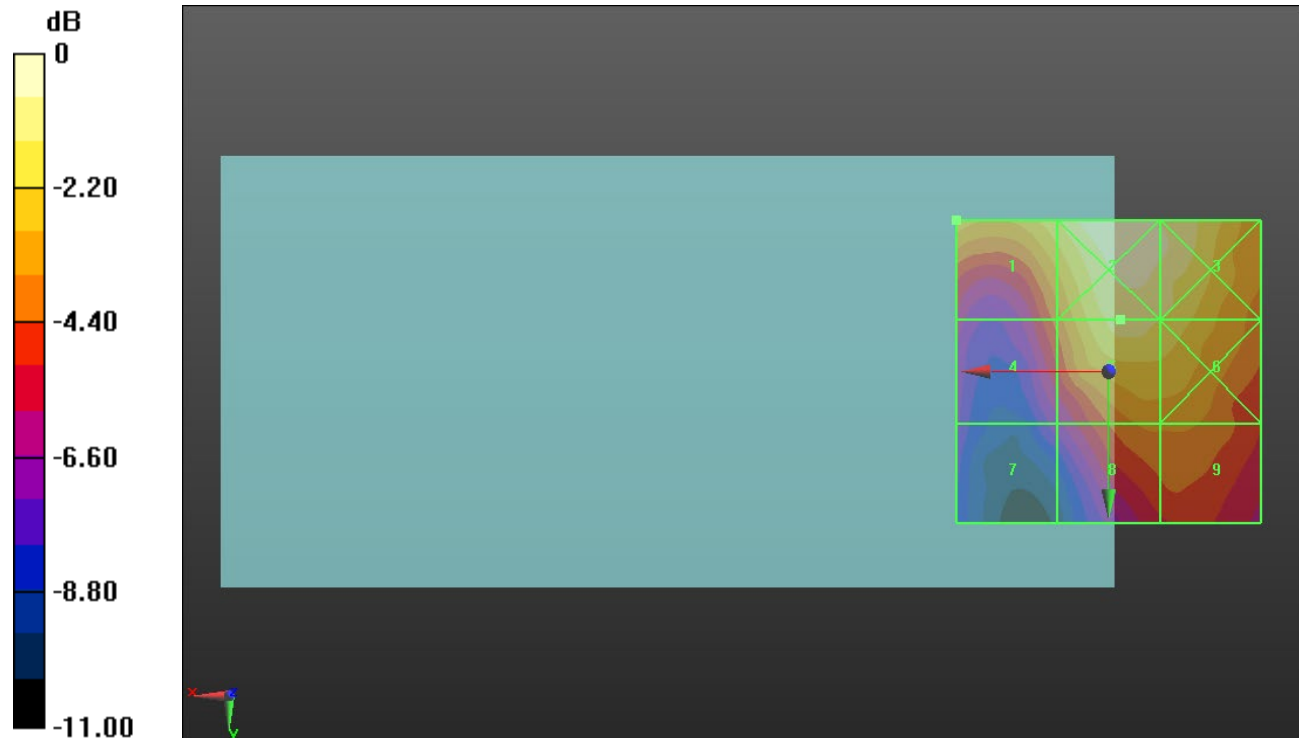
Applied MIF = -1.44 dB

RF audio interference level = 23.28 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 22.95 dBV/m | Grid 2 M4 24.49 dBV/m | Grid 3 M4 23.9 dBV/m |
| Grid 4 M4 20.44 dBV/m | Grid 5 M4 23.28 dBV/m | Grid 6 M4 23.03 dBV/m |
| Grid 7 M4 17.66 dBV/m | Grid 8 M4 21.02 dBV/m | Grid 9 M4 21.02 dBV/m |



0 dB = 16.77 V/m = 24.49 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

40185/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 = 16.07 V/m; Power Drift = 0.19 dB

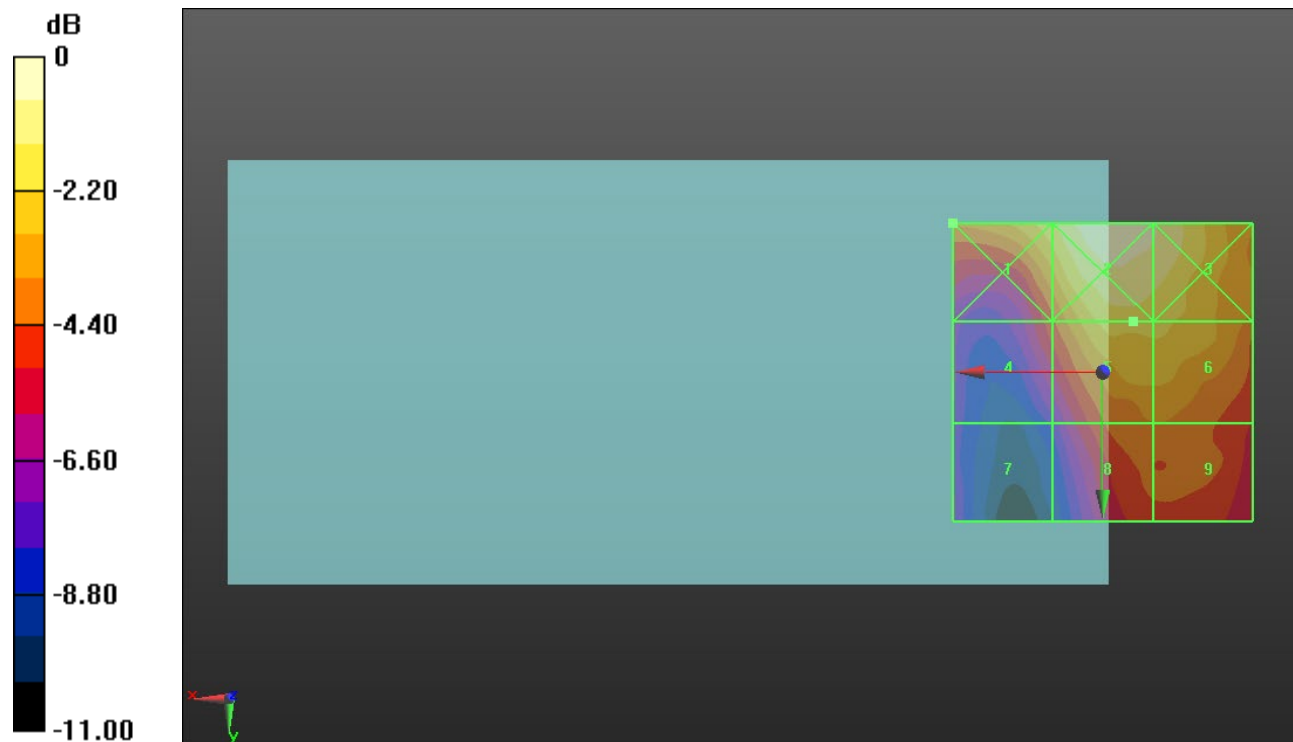
Applied MIF = -1.44 dB

RF audio interference level = 22.62 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 22.85 dBV/m | Grid 2 M4 24.42 dBV/m | Grid 3 M4 23.82 dBV/m |
| Grid 4 M4 19.83 dBV/m | Grid 5 M4 22.62 dBV/m | Grid 6 M4 22.41 dBV/m |
| Grid 7 M4 17.35 dBV/m | Grid 8 M4 20.75 dBV/m | Grid 9 M4 20.76 dBV/m |



0 dB = 16.64 V/m = 24.42 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

40620/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 = 17.40 V/m; Power Drift = -0.19 dB

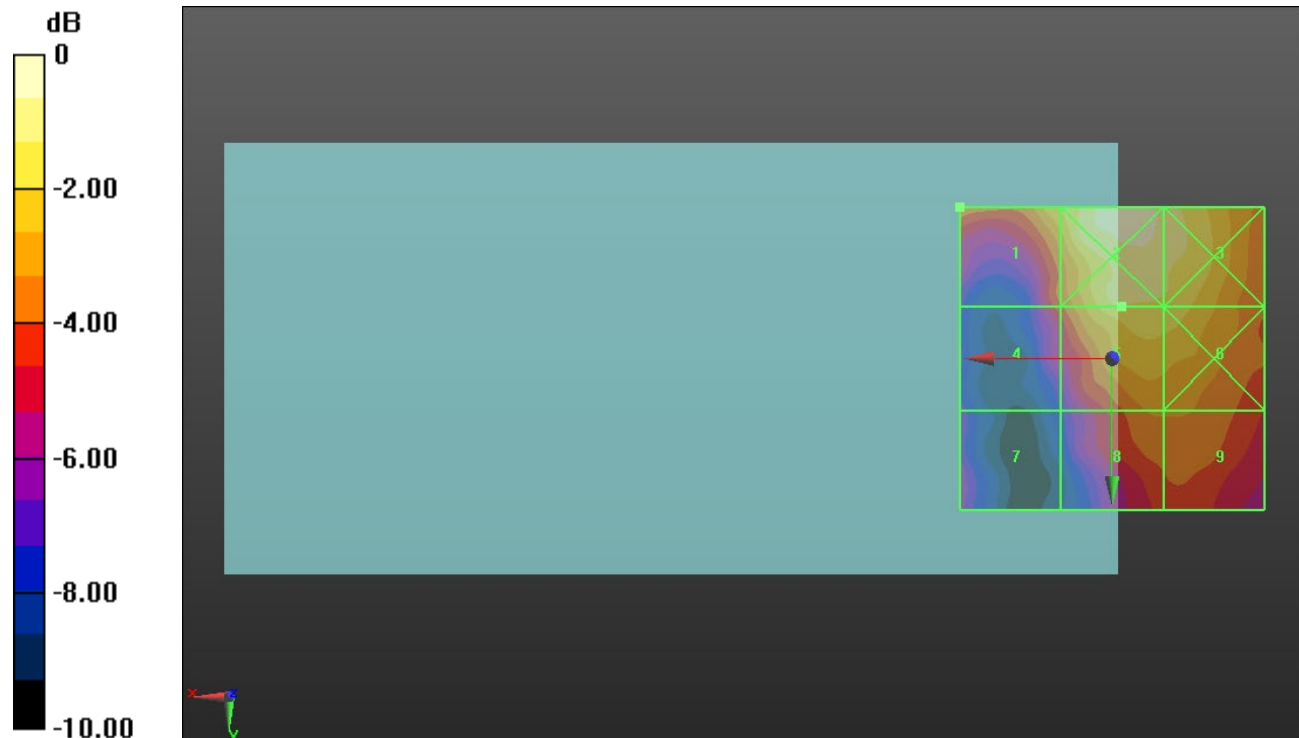
Applied MIF = -1.44 dB

RF audio interference level = 22.98 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 22.46 dBV/m | Grid 2 M4 24.33 dBV/m | Grid 3 M4 23.49 dBV/m |
| Grid 4 M4 20.17 dBV/m | Grid 5 M4 22.98 dBV/m | Grid 6 M4 22.83 dBV/m |
| Grid 7 M4 18.32 dBV/m | Grid 8 M4 21.12 dBV/m | Grid 9 M4 21.11 dBV/m |



0 dB = 16.46 V/m = 24.33 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

41055/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 = 17.64 V/m; Power Drift = -0.11 dB

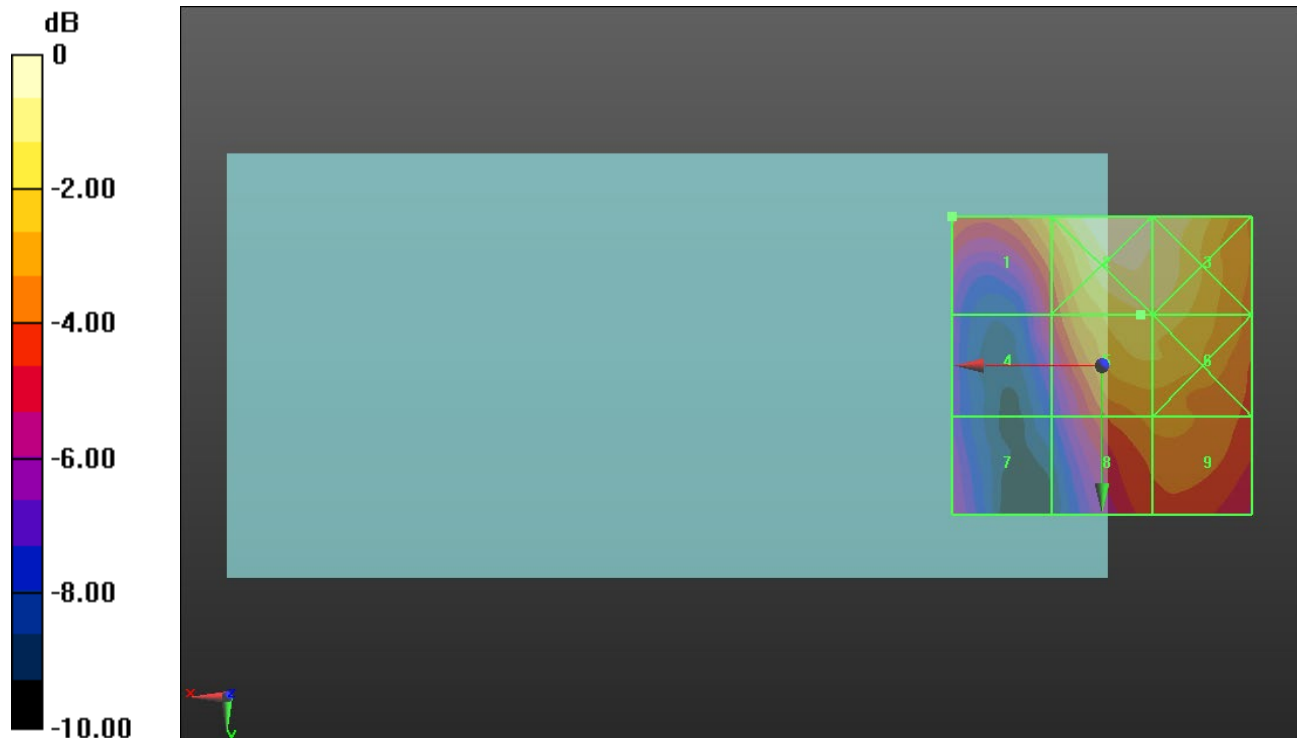
Applied MIF = -1.44 dB

RF audio interference level = 22.80 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 22.13 dBV/m | Grid 2 M4 24.22 dBV/m | Grid 3 M4 23.59 dBV/m |
| Grid 4 M4 19.35 dBV/m | Grid 5 M4 22.8 dBV/m | Grid 6 M4 22.77 dBV/m |
| Grid 7 M4 18.4 dBV/m | Grid 8 M4 21.16 dBV/m | Grid 9 M4 21.24 dBV/m |



0 dB = 16.25 V/m = 24.22 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

41490/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 = 17.55 V/m; Power Drift = 0.02 dB

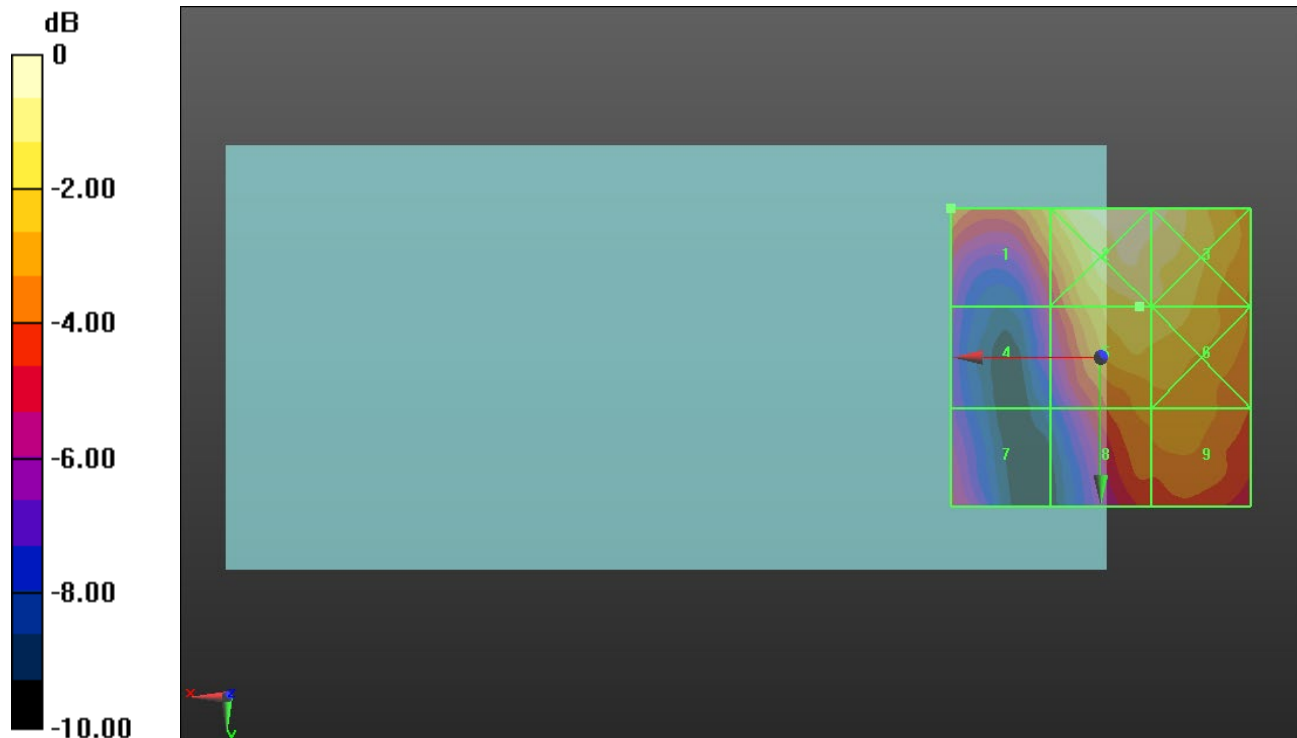
Applied MIF = -1.44 dB

RF audio interference level = 22.89 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 22.09 dBV/m | Grid 2 M4 24.28 dBV/m | Grid 3 M4 24.04 dBV/m |
| Grid 4 M4 18.91 dBV/m | Grid 5 M4 22.89 dBV/m | Grid 6 M4 22.86 dBV/m |
| Grid 7 M4 19.13 dBV/m | Grid 8 M4 21.15 dBV/m | Grid 9 M4 21.42 dBV/m |



0 dB = 16.37 V/m = 24.28 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

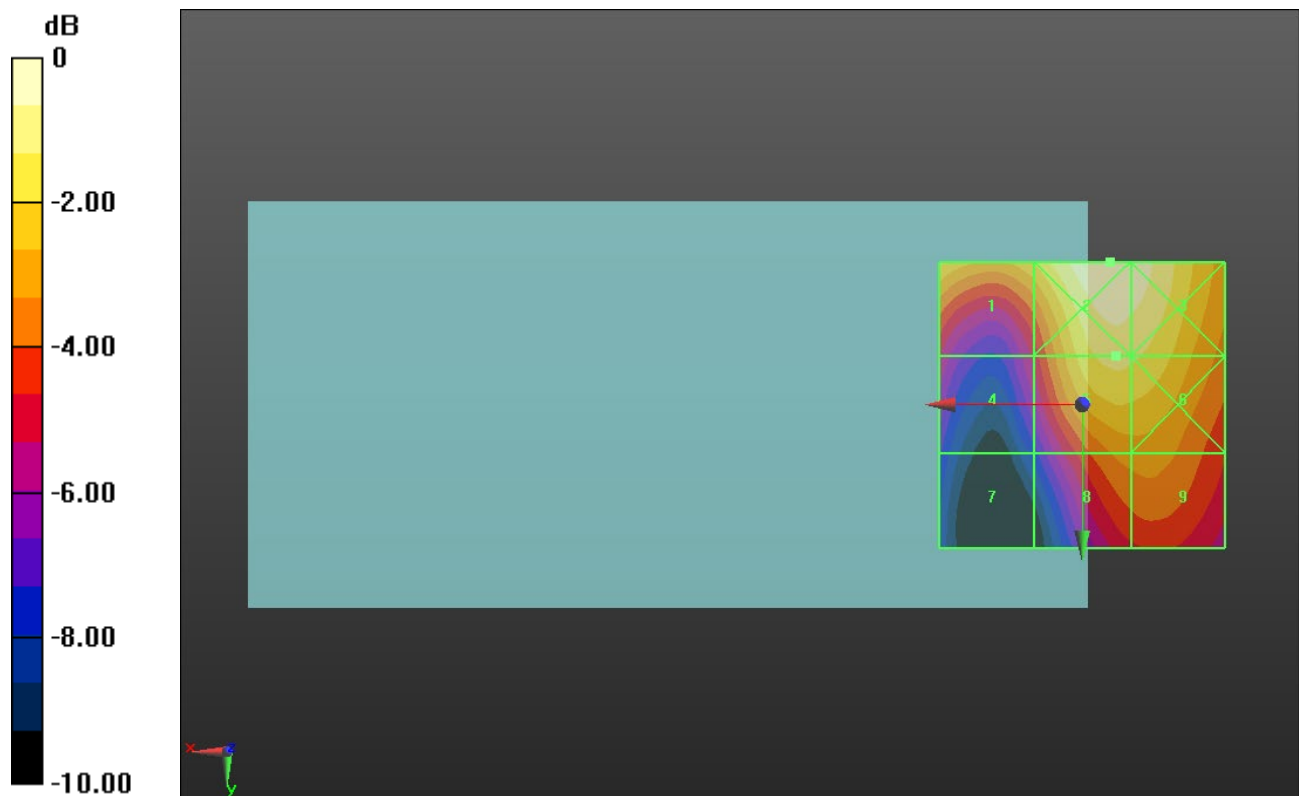
LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 39750/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 28.30 V/m; Power Drift = -0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 27.17 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 26.48 dBV/m | Grid 2 M4 28.27 dBV/m | Grid 3 M4 28.06 dBV/m |
| Grid 4 M4 23.17 dBV/m | Grid 5 M4 27.17 dBV/m | Grid 6 M4 27.06 dBV/m |
| Grid 7 M4 21.15 dBV/m | Grid 8 M4 25.25 dBV/m | Grid 9 M4 25.3 dBV/m |



0 dB = 25.90 V/m = 28.27 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM

Ch. 40185/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 = 26.22 V/m; Power Drift = -0.07 dB

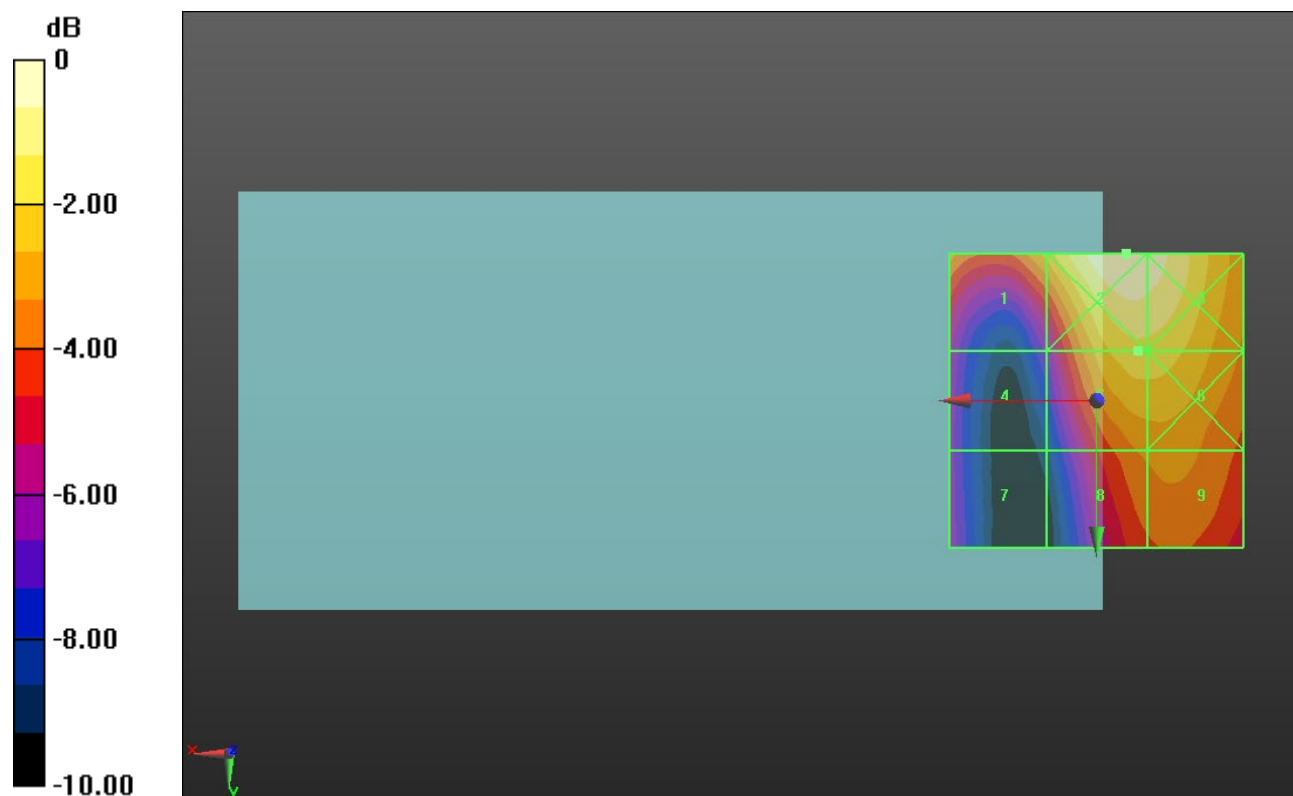
Applied MIF = -1.44 dB

RF audio interference level = 26.75 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 25.92 dBV/m | Grid 2 M4 28.27 dBV/m | Grid 3 M4 28.06 dBV/m |
| Grid 4 M4 22.48 dBV/m | Grid 5 M4 26.75 dBV/m | Grid 6 M4 26.73 dBV/m |
| Grid 7 M4 22.14 dBV/m | Grid 8 M4 25.11 dBV/m | Grid 9 M4 25.25 dBV/m |



0 dB = 25.93 V/m = 28.28 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 40620/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 = 26.17 V/m; Power Drift = -0.06 dB

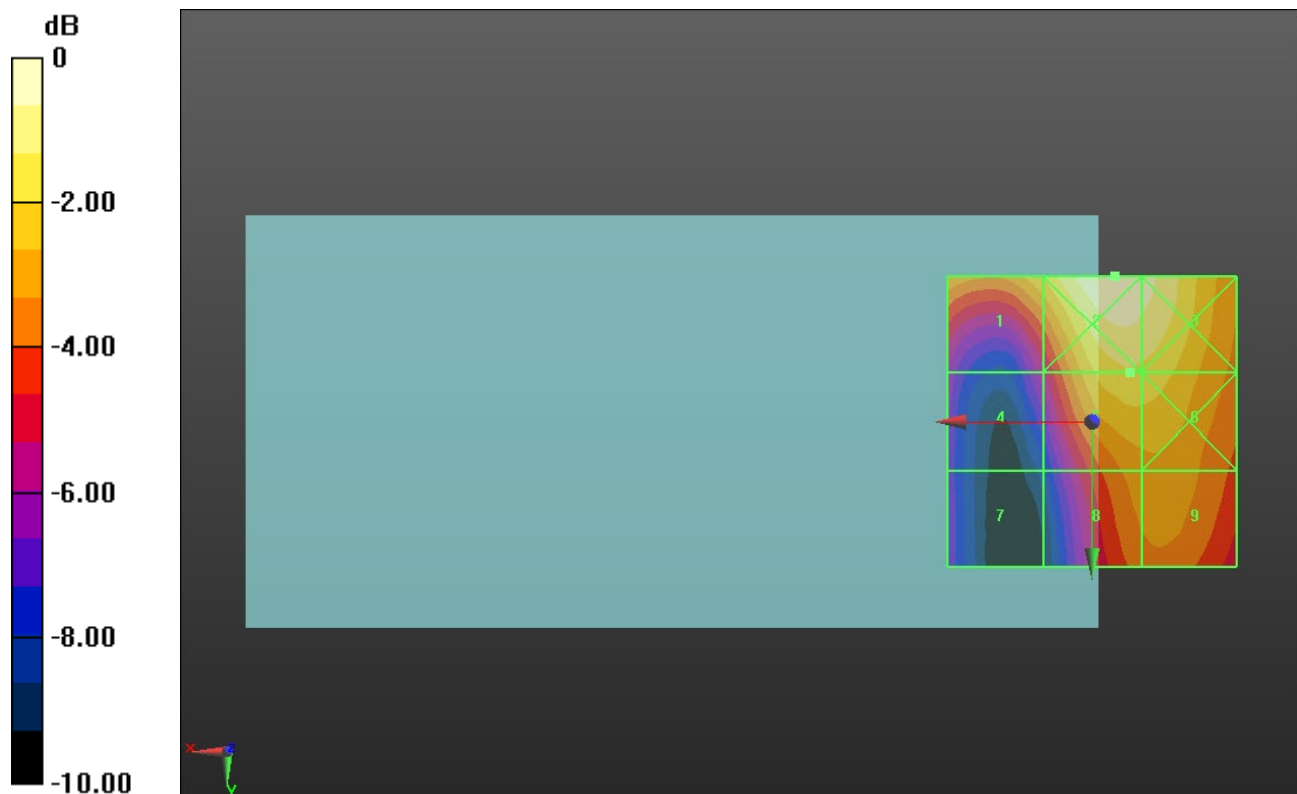
Applied MIF = -1.44 dB

RF audio interference level = 26.54 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 26.01 dBV/m | Grid 2 M4 27.97 dBV/m | Grid 3 M4 27.63 dBV/m |
| Grid 4 M4 22.39 dBV/m | Grid 5 M4 26.54 dBV/m | Grid 6 M4 26.47 dBV/m |
| Grid 7 M4 21.4 dBV/m | Grid 8 M4 25.04 dBV/m | Grid 9 M4 25.15 dBV/m |



0 dB = 25.02 V/m = 27.97 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM

Ch. 41055/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 = 26.36 V/m; Power Drift = 0.01 dB

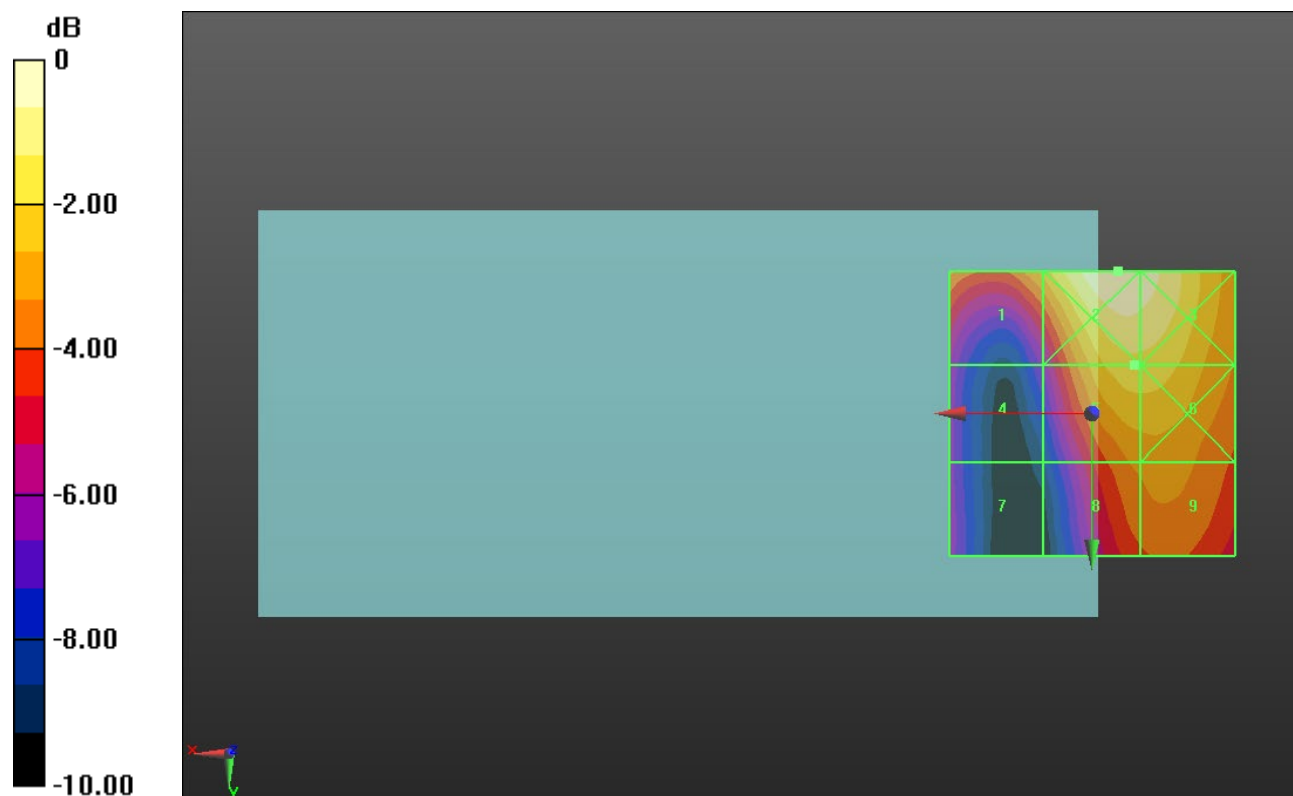
Applied MIF = -1.44 dB

RF audio interference level = 26.85 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 26.03 dBV/m | Grid 2 M4 28.37 dBV/m | Grid 3 M4 28.13 dBV/m |
| Grid 4 M4 22.5 dBV/m | Grid 5 M4 26.85 dBV/m | Grid 6 M4 26.83 dBV/m |
| Grid 7 M4 22.22 dBV/m | Grid 8 M4 25.23 dBV/m | Grid 9 M4 25.37 dBV/m |



0 dB = 26.22 V/m = 28.37 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM

Ch. 41490/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 = 26.10 V/m; Power Drift = 0.10 dB

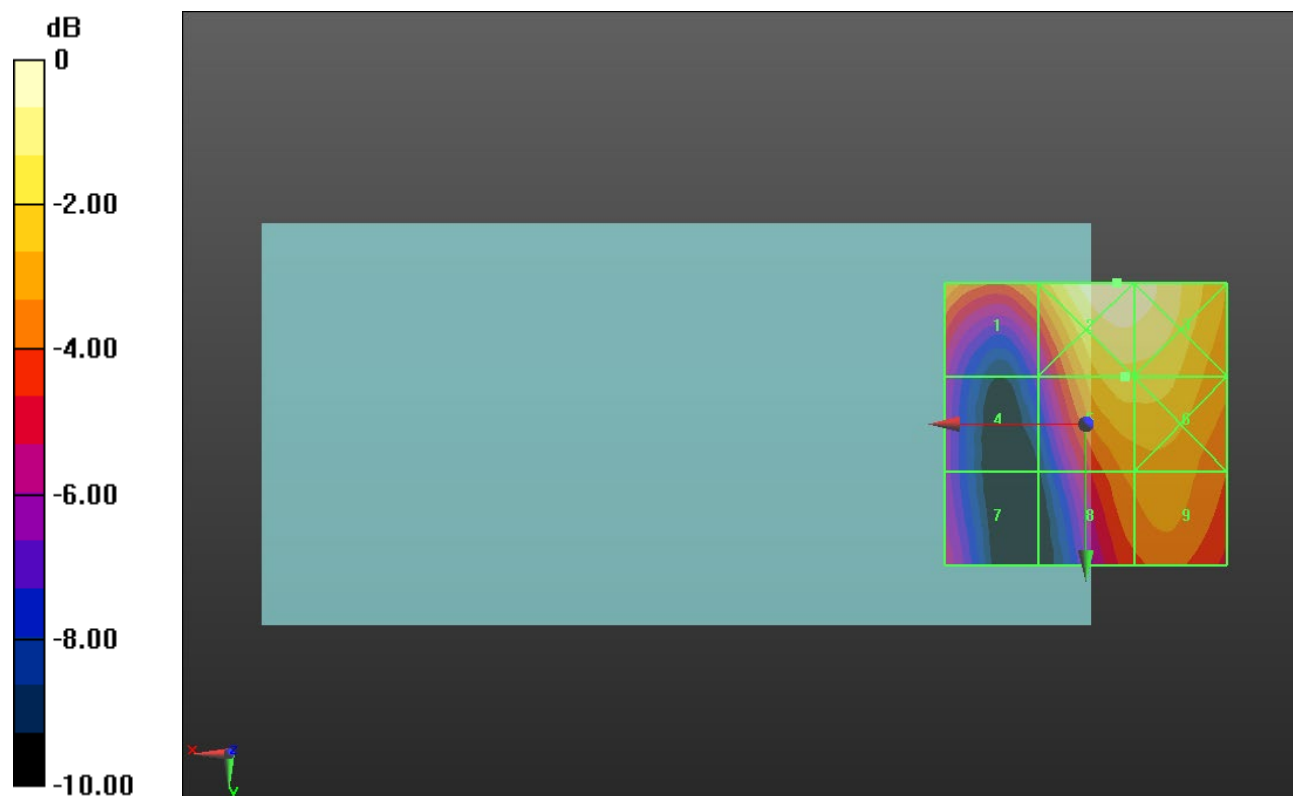
Applied MIF = -1.44 dB

RF audio interference level = 26.68 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 25.73 dBV/m | Grid 2 M4 28.23 dBV/m | Grid 3 M4 28.06 dBV/m |
| Grid 4 M4 22.51 dBV/m | Grid 5 M4 26.68 dBV/m | Grid 6 M4 26.67 dBV/m |
| Grid 7 M4 22.82 dBV/m | Grid 8 M4 25.14 dBV/m | Grid 9 M4 25.37 dBV/m |



0 dB = 25.80 V/m = 28.23 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2417 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2417 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 2/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 = 10.55 V/m; Power Drift = 0.06 dB

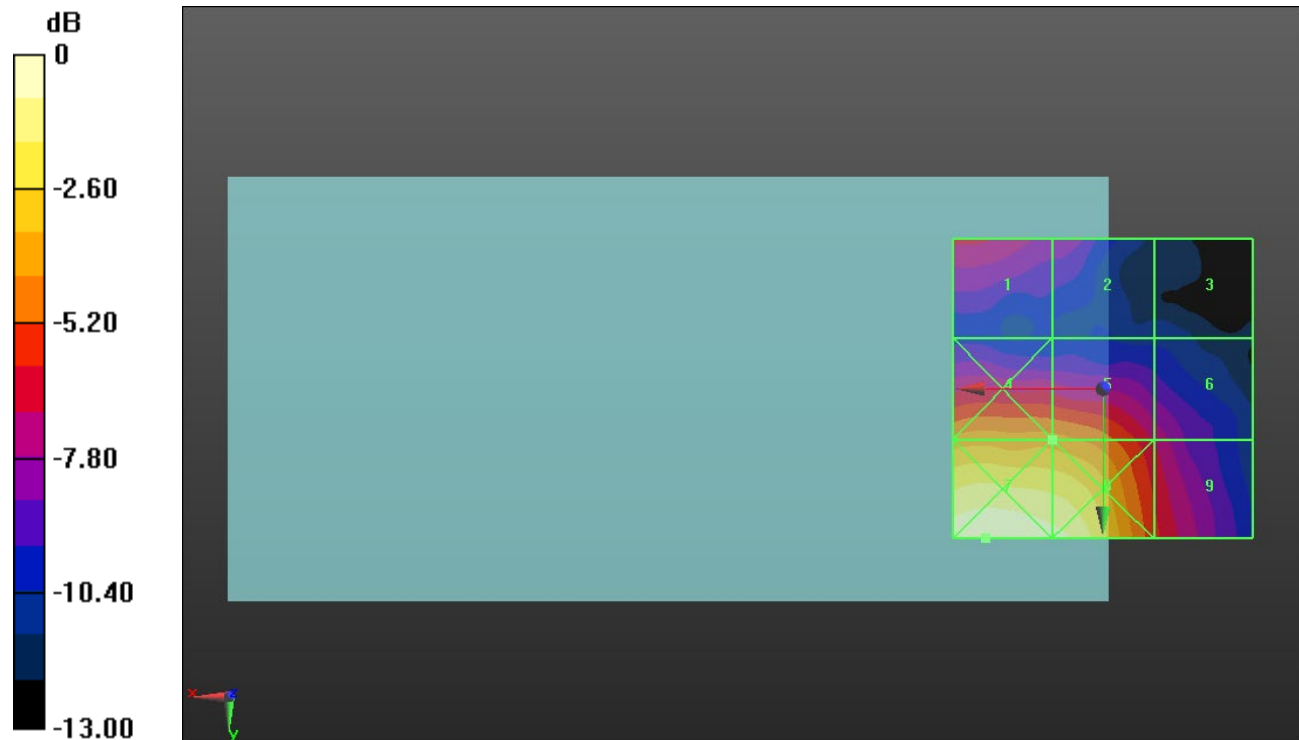
Applied MIF = -2.02 dB

RF audio interference level = 20.88 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 18.15 dBV/m | Grid 2 M4 16.87 dBV/m | Grid 3 M4 14.25 dBV/m |
| Grid 4 M4 21.04 dBV/m | Grid 5 M4 20.88 dBV/m | Grid 6 M4 17.79 dBV/m |
| Grid 7 M4 24.83 dBV/m | Grid 8 M4 24.26 dBV/m | Grid 9 M4 19.11 dBV/m |



0 dB = 17.43 V/m = 24.83 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 6/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 = 9.002 V/m; Power Drift = -0.01 dB

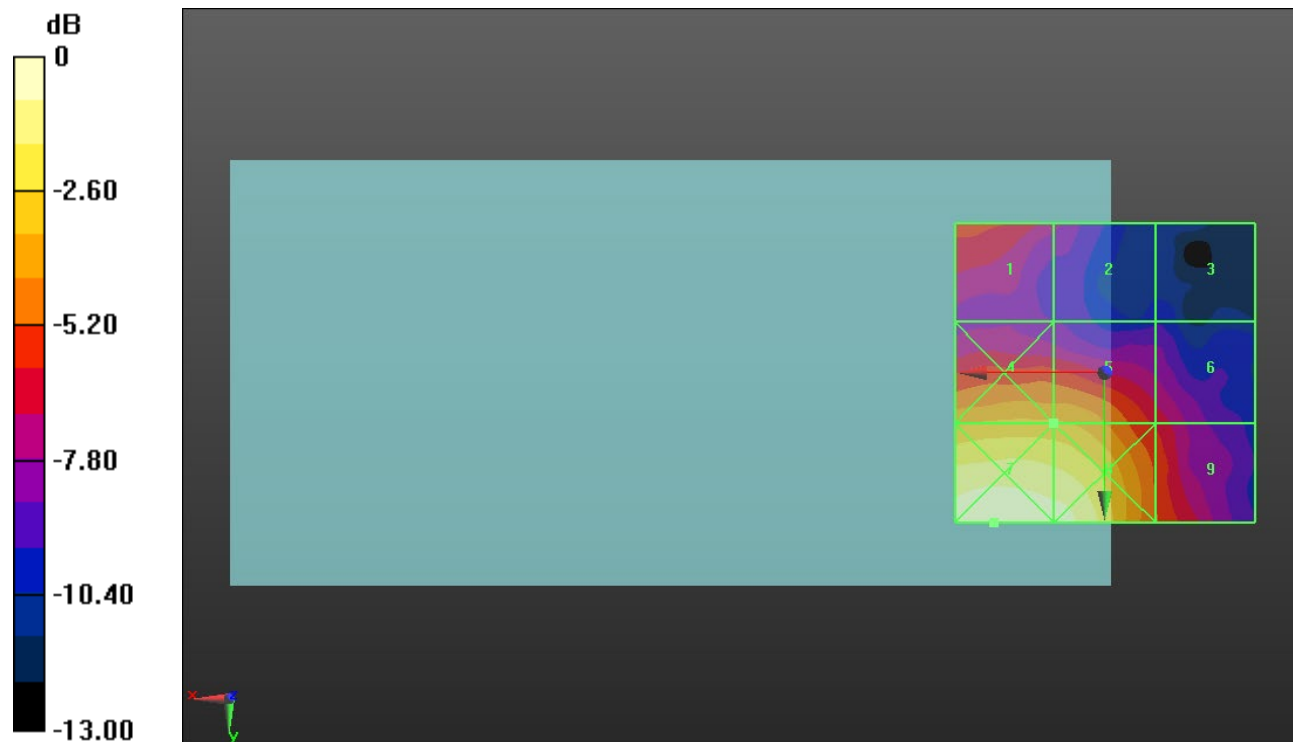
Applied MIF = -2.02 dB

RF audio interference level = 18.89 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 16.42 dBV/m | Grid 2 M4 14.77 dBV/m | Grid 3 M4 12.66 dBV/m |
| Grid 4 M4 18.97 dBV/m | Grid 5 M4 18.89 dBV/m | Grid 6 M4 15.97 dBV/m |
| Grid 7 M4 22.19 dBV/m | Grid 8 M4 21.91 dBV/m | Grid 9 M4 17.15 dBV/m |



0 dB = 12.87 V/m = 22.19 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 11/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 = 9.214 V/m; Power Drift = -0.02 dB

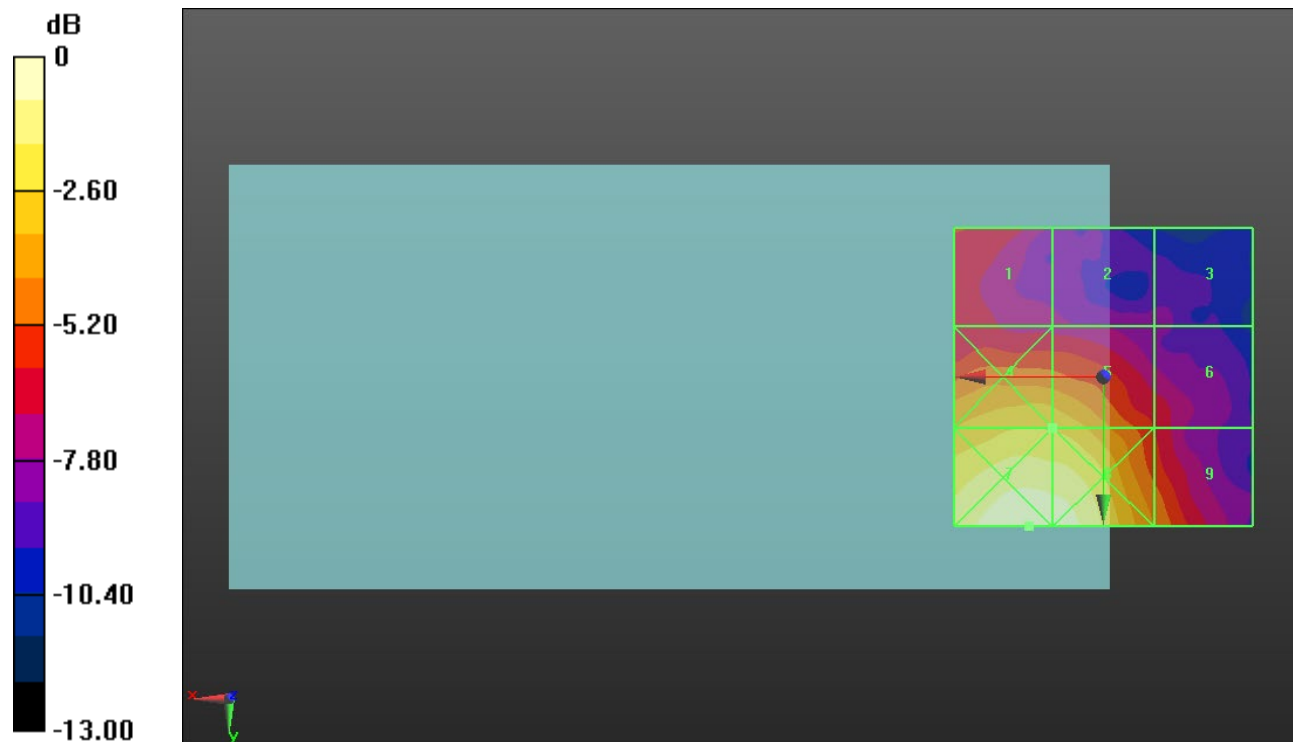
Applied MIF = -2.02 dB

RF audio interference level = 18.89 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 15.78 dBV/m | Grid 2 M4 14.35 dBV/m | Grid 3 M4 13.32 dBV/m |
| Grid 4 M4 19.02 dBV/m | Grid 5 M4 18.89 dBV/m | Grid 6 M4 15.5 dBV/m |
| Grid 7 M4 21.59 dBV/m | Grid 8 M4 21.41 dBV/m | Grid 9 M4 17.31 dBV/m |



0 dB = 12.01 V/m = 21.59 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2422 MHz; Duty Cycle: 1:12.5777

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2422 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 3/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 = 9.724 V/m; Power Drift = -0.29 dB

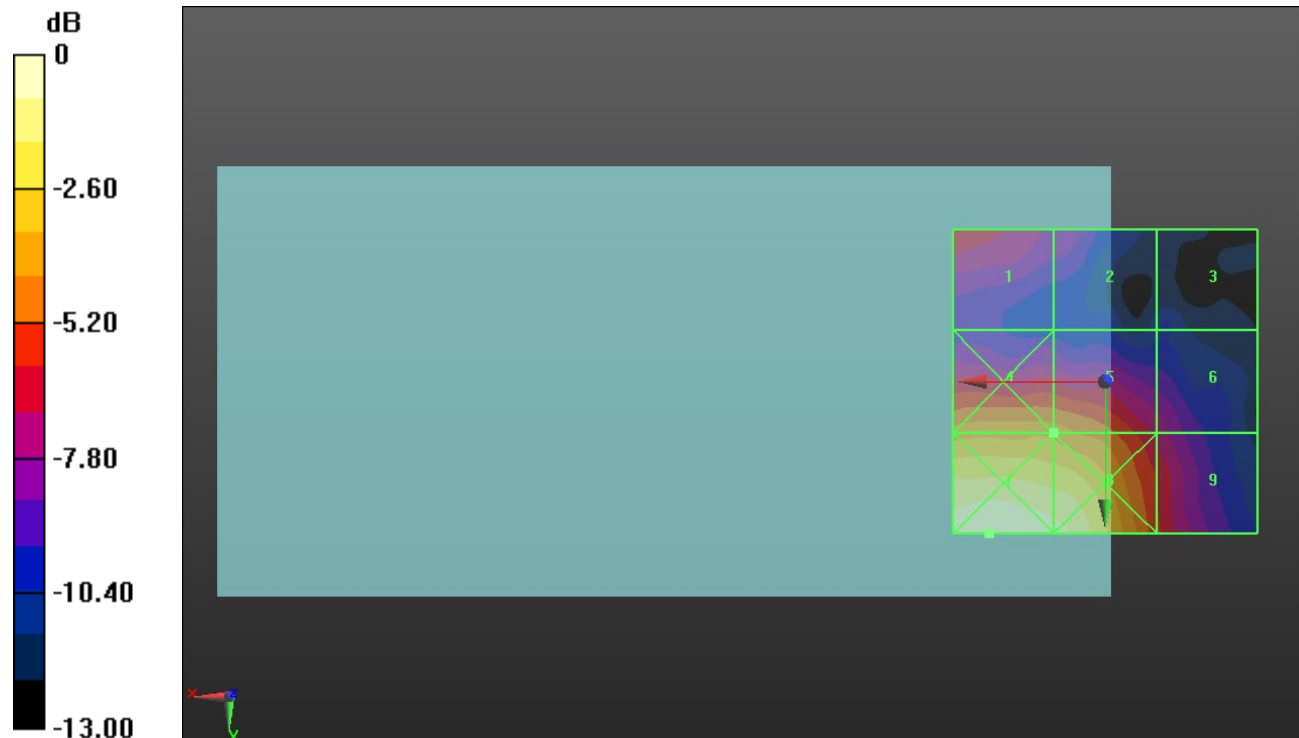
Applied MIF = 0.12 dB

RF audio interference level = 21.55 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 19.36 dBV/m | Grid 2 M4 17.44 dBV/m | Grid 3 M4 15.11 dBV/m |
| Grid 4 M4 21.71 dBV/m | Grid 5 M4 21.55 dBV/m | Grid 6 M4 18.12 dBV/m |
| Grid 7 M4 25.33 dBV/m | Grid 8 M4 24.74 dBV/m | Grid 9 M4 19.57 dBV/m |



0 dB = 18.47 V/m = 25.33 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 6/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 = 9.205 V/m; Power Drift = -0.12 dB

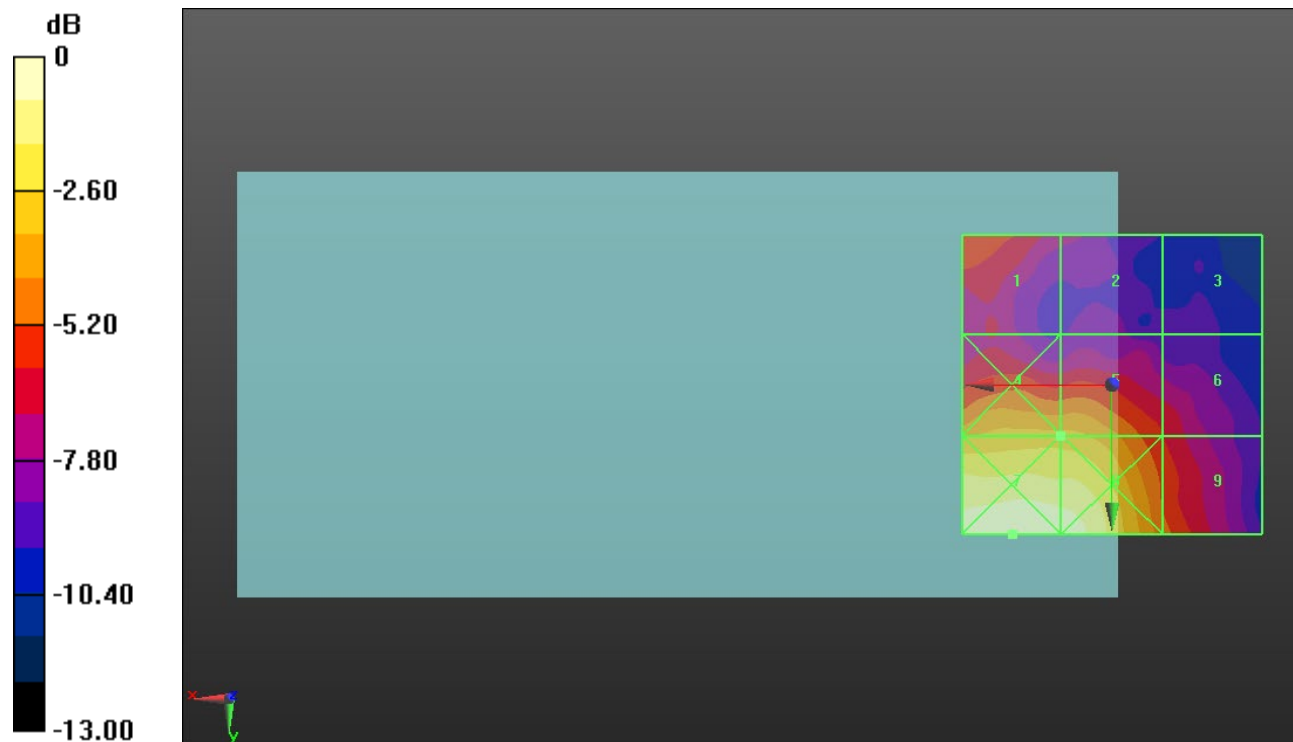
Applied MIF = 0.12 dB

RF audio interference level = 20.84 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 18.73 dBV/m | Grid 2 M4 16.69 dBV/m | Grid 3 M4 15.3 dBV/m |
| Grid 4 M4 20.88 dBV/m | Grid 5 M4 20.84 dBV/m | Grid 6 M4 17.98 dBV/m |
| Grid 7 M4 24.03 dBV/m | Grid 8 M4 23.78 dBV/m | Grid 9 M4 19.29 dBV/m |



0 dB = 15.90 V/m = 24.03 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:12.5777

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2452 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 9/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 = 9.664 V/m; Power Drift = 0.13 dB

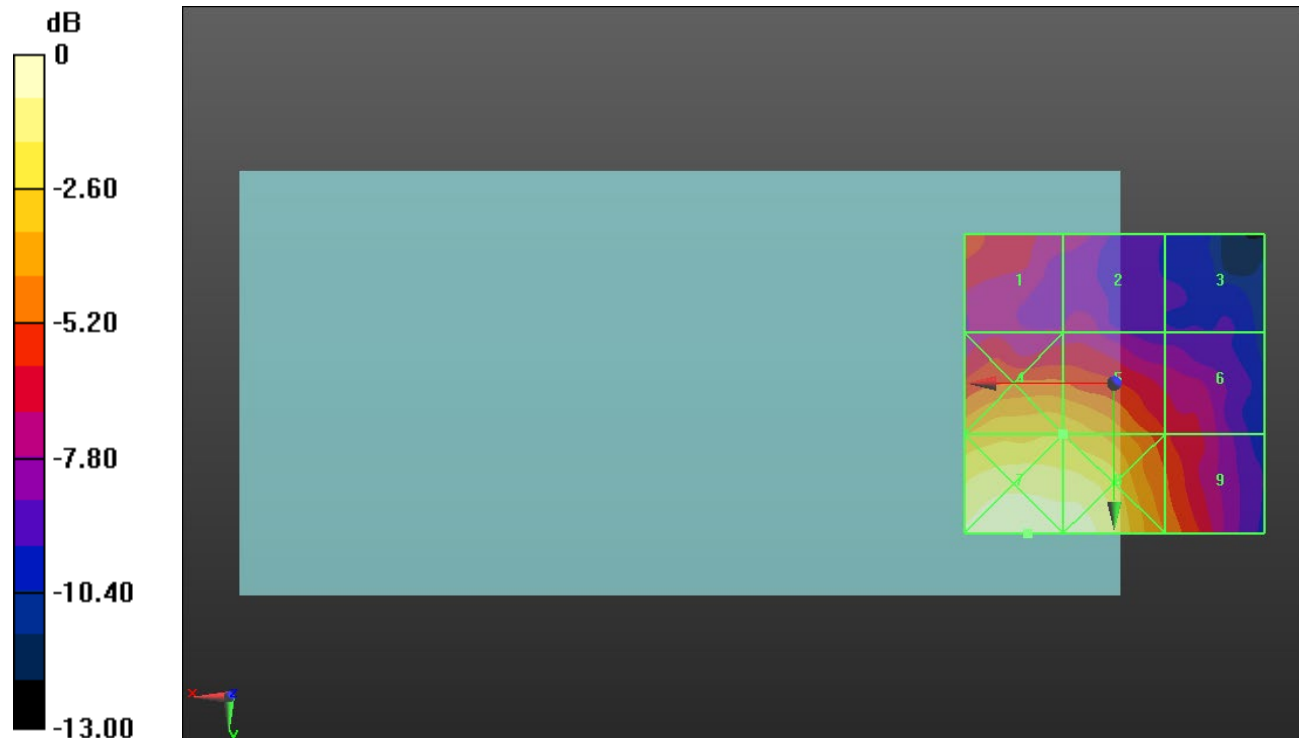
Applied MIF = 0.12 dB

RF audio interference level = 21.43 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 18.74 dBV/m | Grid 2 M4 17.06 dBV/m | Grid 3 M4 14.95 dBV/m |
| Grid 4 M4 21.54 dBV/m | Grid 5 M4 21.43 dBV/m | Grid 6 M4 18.26 dBV/m |
| Grid 7 M4 24.18 dBV/m | Grid 8 M4 23.98 dBV/m | Grid 9 M4 19.86 dBV/m |



0 dB = 16.19 V/m = 24.18 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

GSM1900 E-Field measurement/Voice_ch 512/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 = 19.18 V/m; Power Drift = -0.06 dB

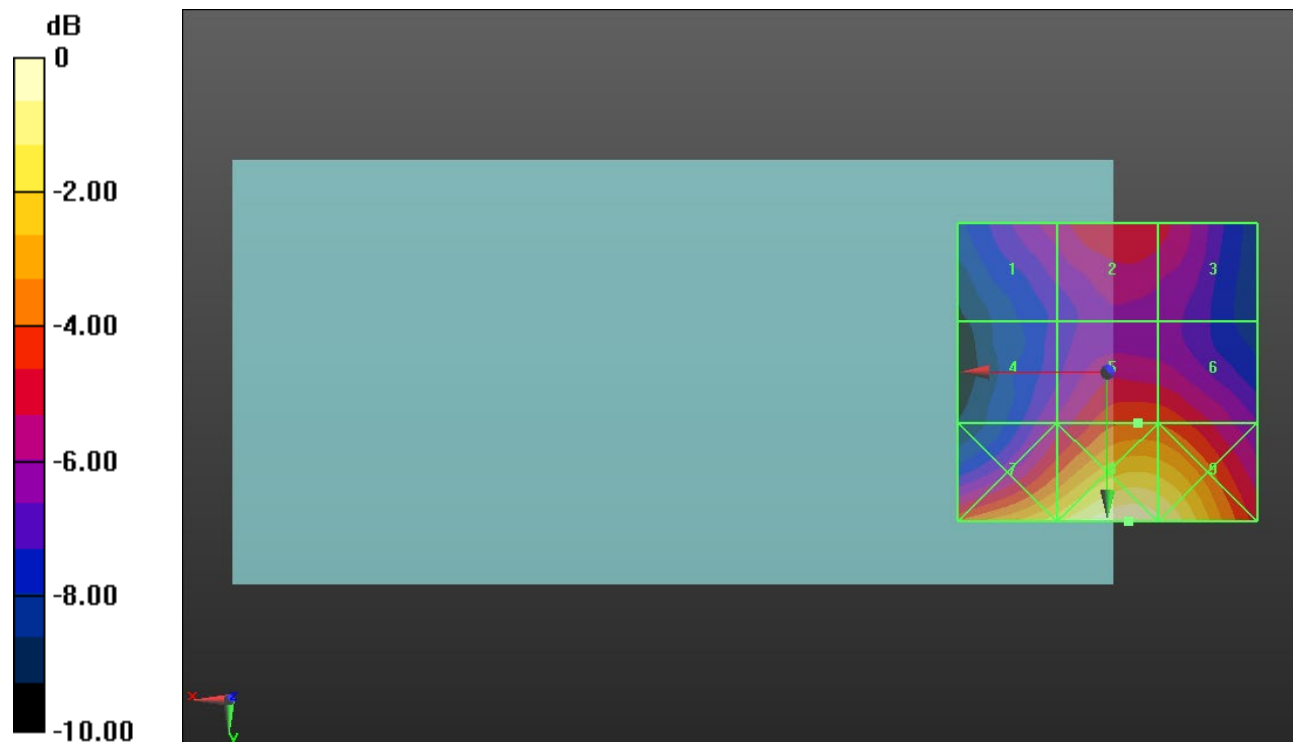
Applied MIF = 3.63 dB

RF audio interference level = 28.31 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 26.69 dBV/m | Grid 2 M4 27.57 dBV/m | Grid 3 M4 27.24 dBV/m |
| Grid 4 M4 26.5 dBV/m | Grid 5 M4 28.31 dBV/m | Grid 6 M4 28.22 dBV/m |
| Grid 7 M3 30.73 dBV/m | Grid 8 M3 32.24 dBV/m | Grid 9 M3 31.79 dBV/m |



0 dB = 40.92 V/m = 32.24 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

GSM1900 E-Field measurement/Voice_ch 661/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 = 20.02 V/m; Power Drift = -0.00 dB

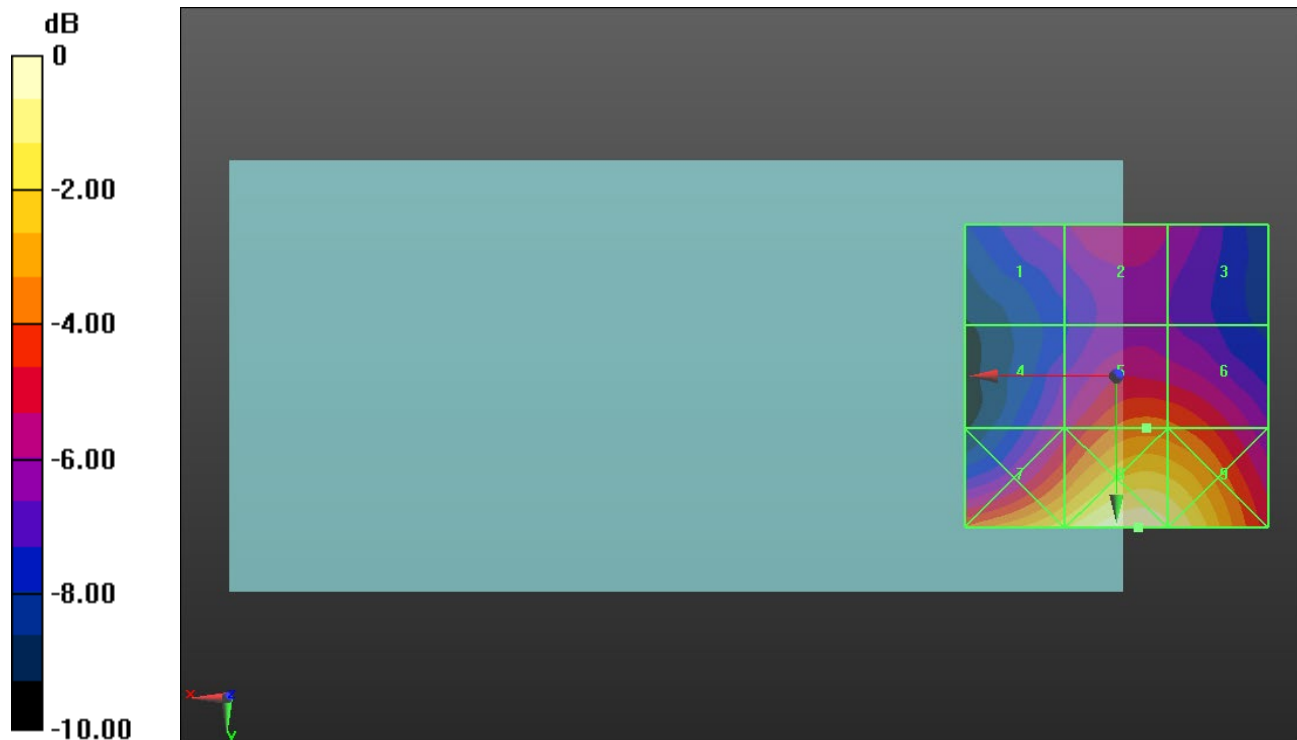
Applied MIF = 3.63 dB

RF audio interference level = 29.06 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 26.61 dBV/m | Grid 2 M4 27.33 dBV/m | Grid 3 M4 26.81 dBV/m |
| Grid 4 M4 27.06 dBV/m | Grid 5 M4 29.06 dBV/m | Grid 6 M4 28.9 dBV/m |
| Grid 7 M3 31.22 dBV/m | Grid 8 M3 32.67 dBV/m | Grid 9 M3 32.18 dBV/m |



0 dB = 43.01 V/m = 32.67 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

GSM1900 E-Field measurement/Voice_ch 810/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 = 20.66 V/m; Power Drift = -0.02 dB

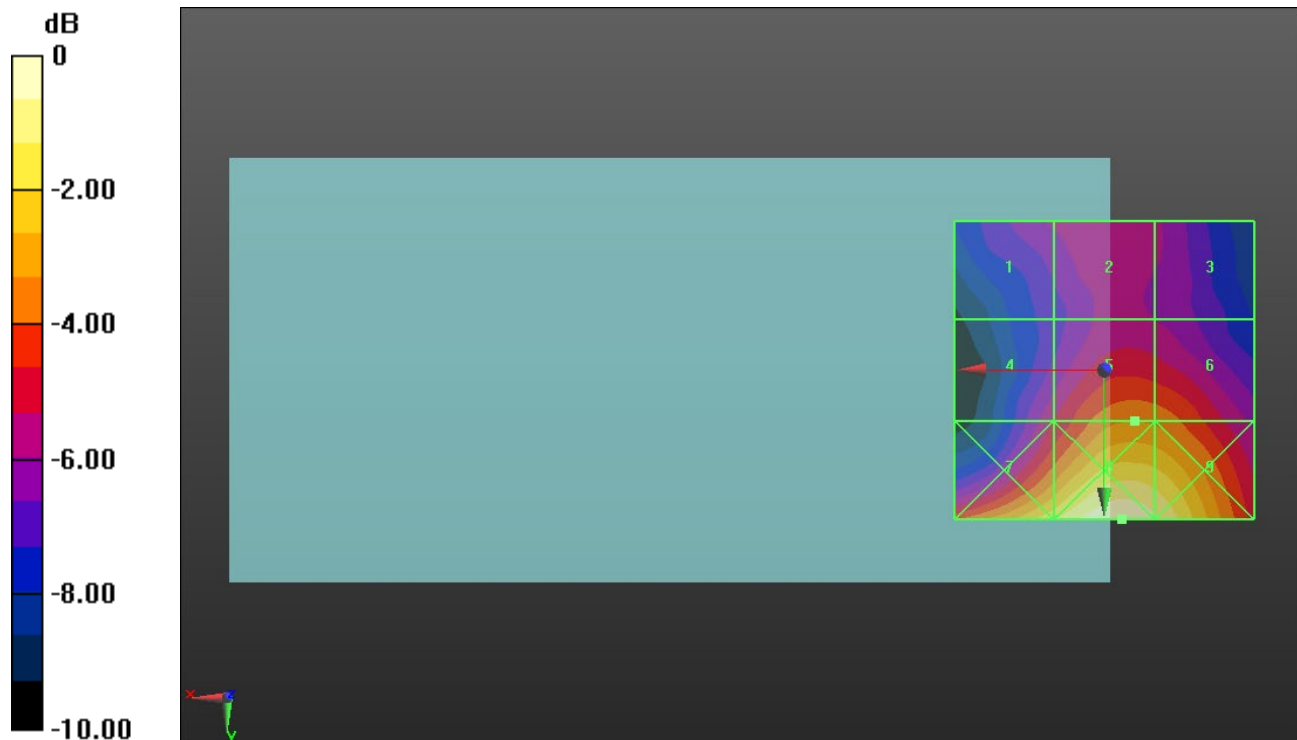
Applied MIF = 3.63 dB

RF audio interference level = 28.97 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 26.46 dBV/m | Grid 2 M4 26.89 dBV/m | Grid 3 M4 26.47 dBV/m |
| Grid 4 M4 27 dBV/m | Grid 5 M4 28.97 dBV/m | Grid 6 M4 28.84 dBV/m |
| Grid 7 M3 30.92 dBV/m | Grid 8 M3 32.31 dBV/m | Grid 9 M3 31.8 dBV/m |



0 dB = 41.27 V/m = 32.31 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

39750/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 = 10.79 V/m; Power Drift = -0.08 dB

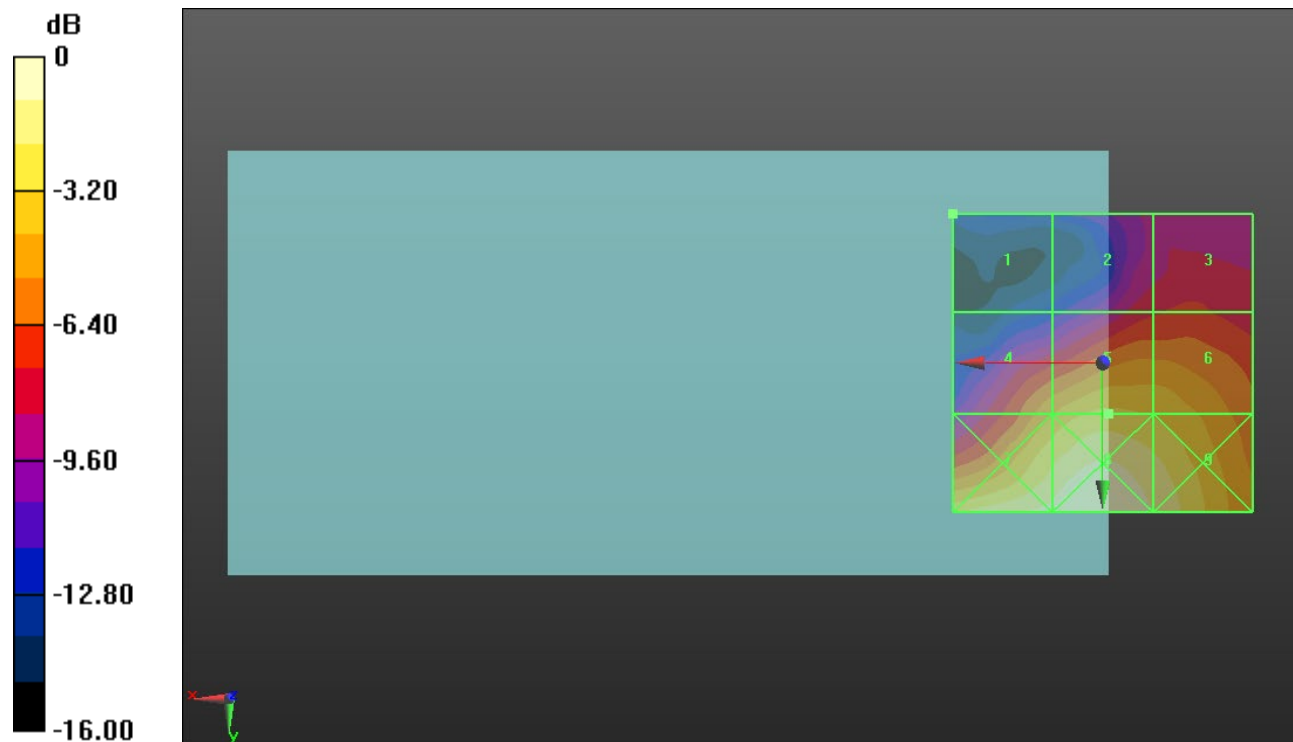
Applied MIF = -1.44 dB

RF audio interference level = 19.67 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 10.47 dBV/m | Grid 2 M4 14.97 dBV/m | Grid 3 M4 15.39 dBV/m |
| Grid 4 M4 18.21 dBV/m | Grid 5 M4 19.67 dBV/m | Grid 6 M4 19.25 dBV/m |
| Grid 7 M4 21.94 dBV/m | Grid 8 M4 22.56 dBV/m | Grid 9 M4 21.42 dBV/m |



0 dB = 13.42 V/m = 22.56 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

40185/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 = 11.72 V/m; Power Drift = 0.05 dB

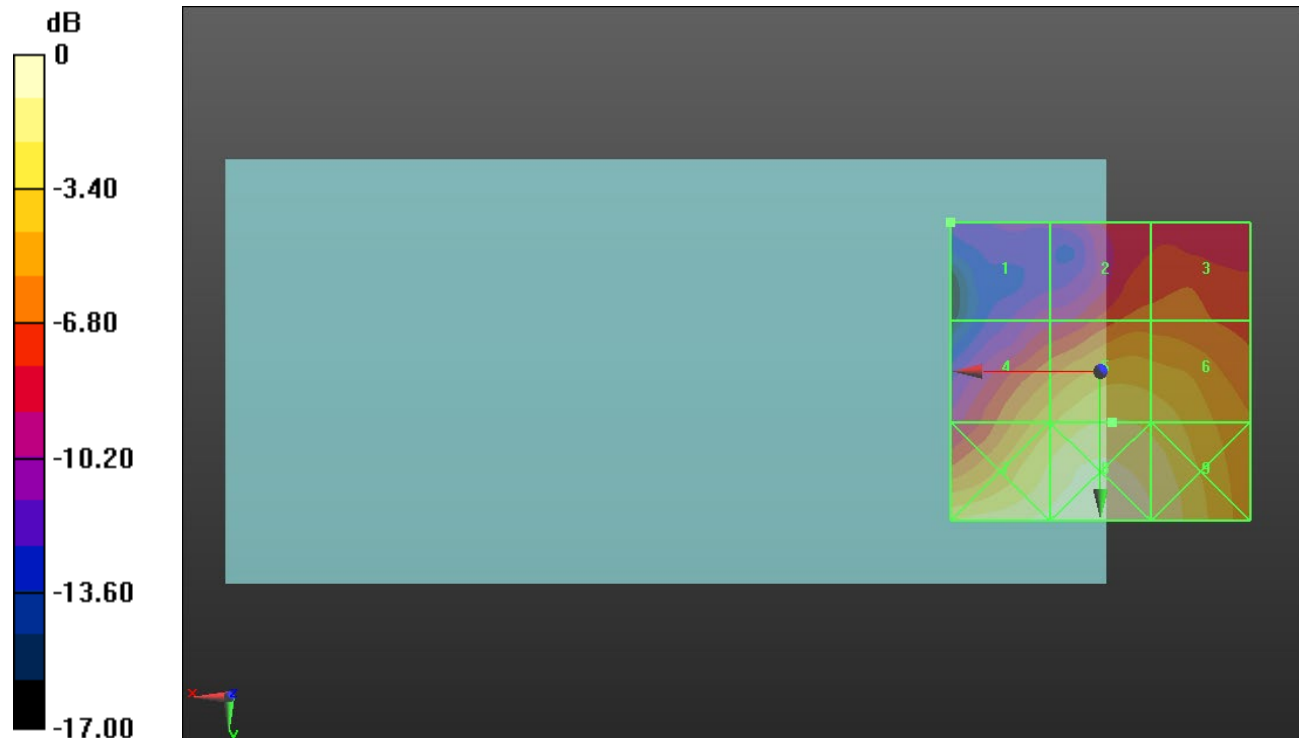
Applied MIF = -1.44 dB

RF audio interference level = 19.82 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 12.51 dBV/m | Grid 2 M4 15.74 dBV/m | Grid 3 M4 15.77 dBV/m |
| Grid 4 M4 18.28 dBV/m | Grid 5 M4 19.82 dBV/m | Grid 6 M4 19.37 dBV/m |
| Grid 7 M4 21.31 dBV/m | Grid 8 M4 21.95 dBV/m | Grid 9 M4 20.88 dBV/m |



0 dB = 12.51 V/m = 21.95 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

40620/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 = 11.24 V/m; Power Drift = 0.15 dB

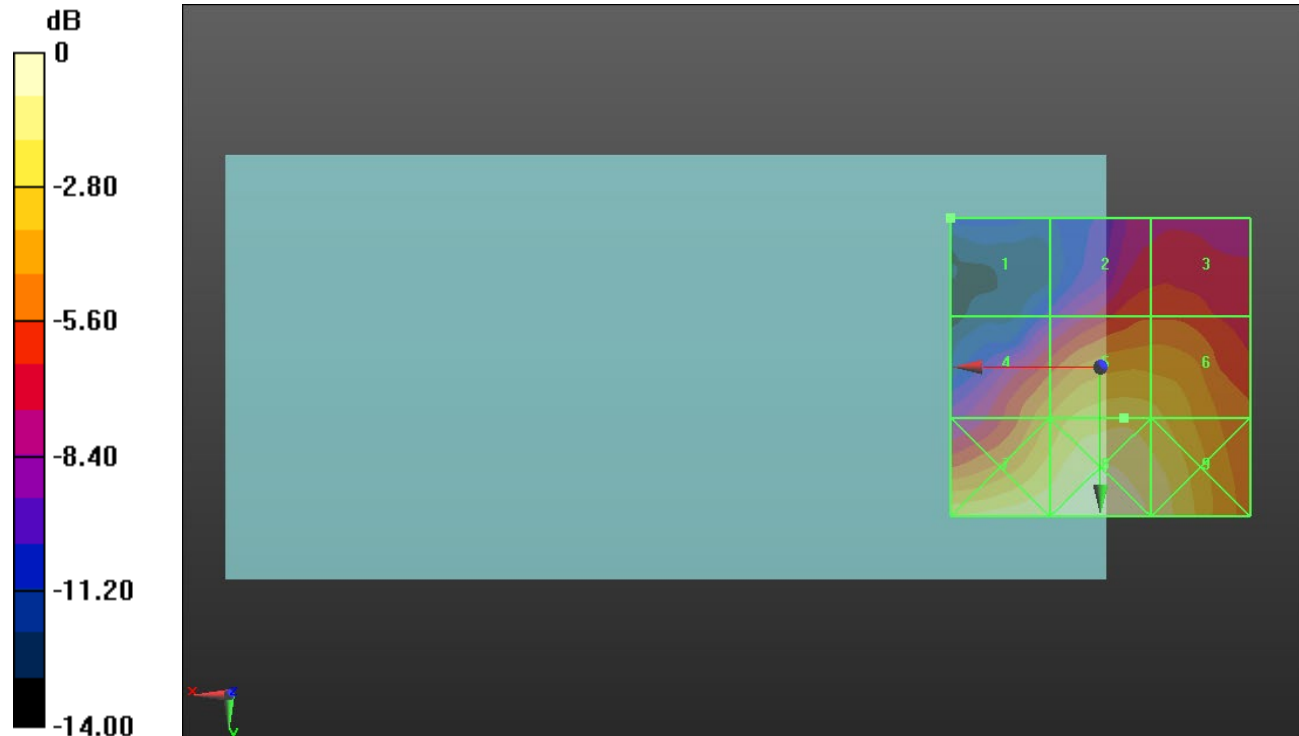
Applied MIF = -1.44 dB

RF audio interference level = 19.05 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 11.46 dBV/m | Grid 2 M4 15.48 dBV/m | Grid 3 M4 15.48 dBV/m |
| Grid 4 M4 17.45 dBV/m | Grid 5 M4 19.05 dBV/m | Grid 6 M4 18.7 dBV/m |
| Grid 7 M4 20.44 dBV/m | Grid 8 M4 21.18 dBV/m | Grid 9 M4 20.07 dBV/m |



0 dB = 11.46 V/m = 21.18 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

41055/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 = 11.03 V/m; Power Drift = -0.16 dB

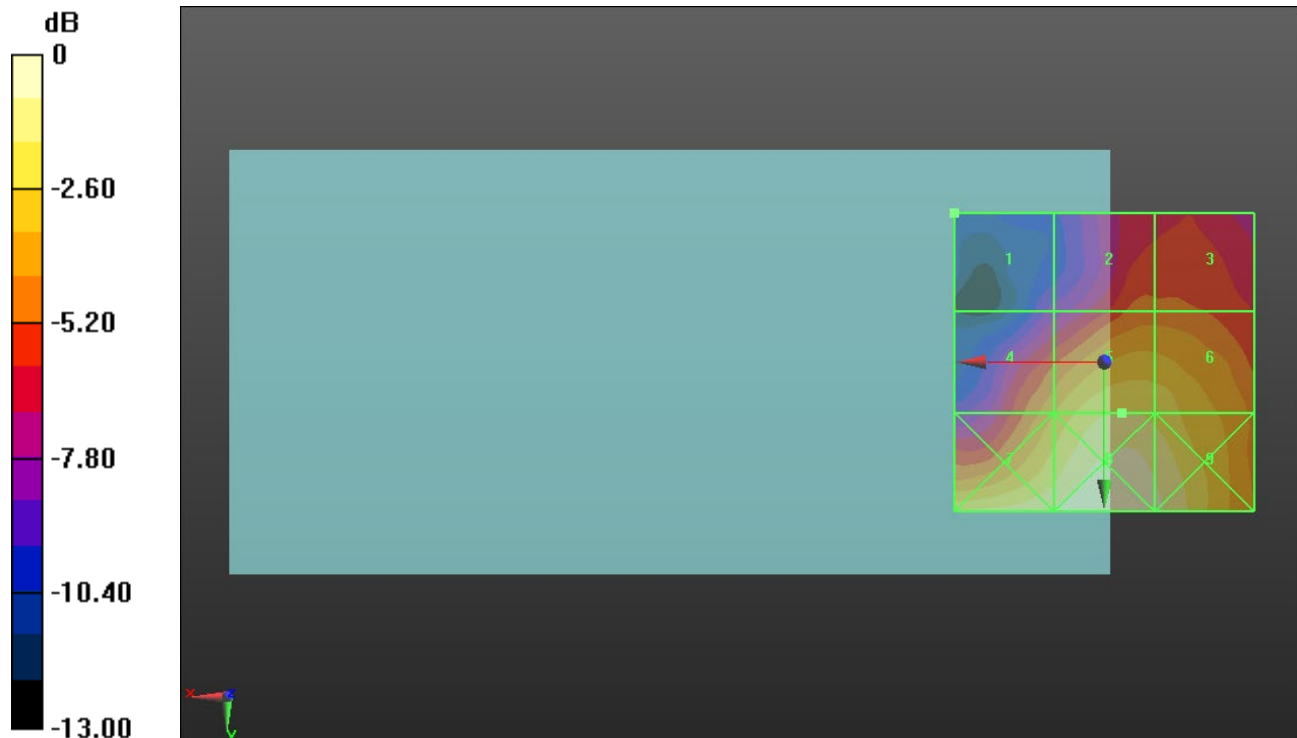
Applied MIF = -1.44 dB

RF audio interference level = 19.06 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 12.47 dBV/m | Grid 2 M4 15.98 dBV/m | Grid 3 M4 15.93 dBV/m |
| Grid 4 M4 17.21 dBV/m | Grid 5 M4 19.06 dBV/m | Grid 6 M4 18.76 dBV/m |
| Grid 7 M4 20.03 dBV/m | Grid 8 M4 20.73 dBV/m | Grid 9 M4 20.08 dBV/m |



0 dB = 10.88 V/m = 20.73 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

41490/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 = 9.870 V/m; Power Drift = -0.03 dB

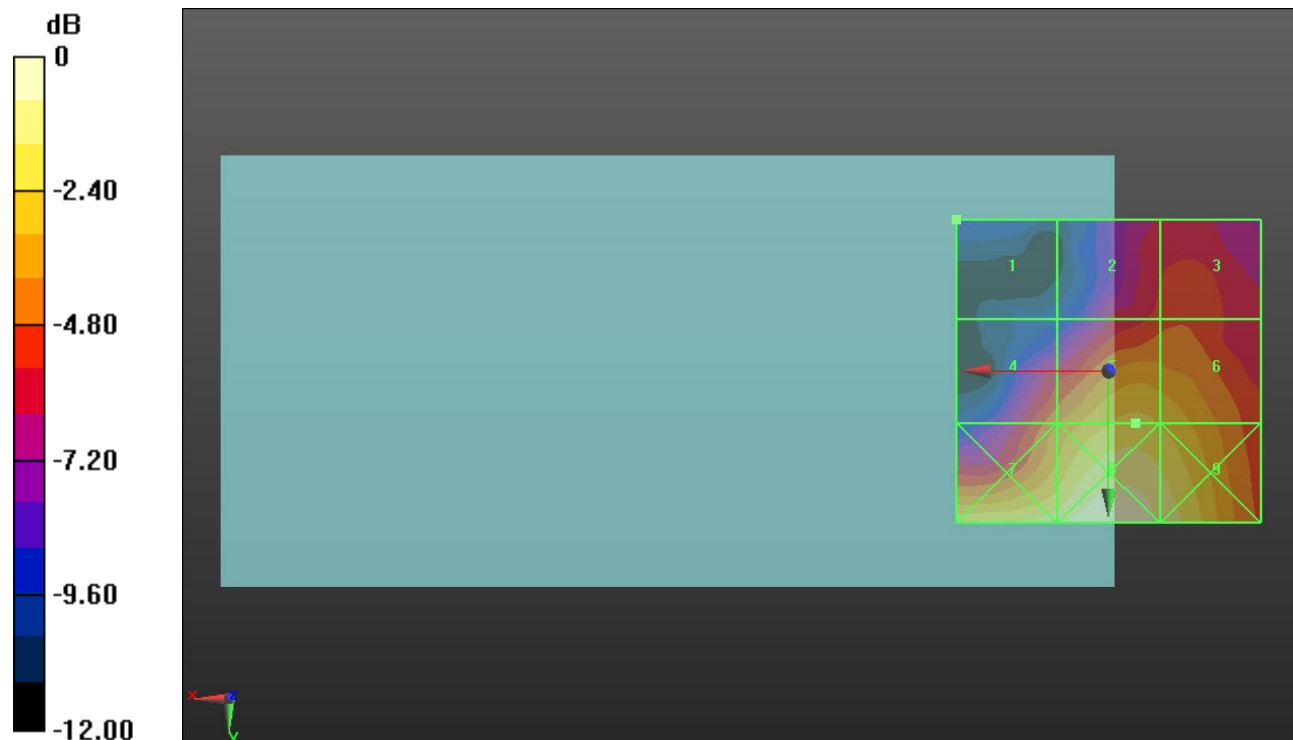
Applied MIF = -1.44 dB

RF audio interference level = 17.95 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 11.12 dBV/m | Grid 2 M4 14.92 dBV/m | Grid 3 M4 15.24 dBV/m |
| Grid 4 M4 16 dBV/m | Grid 5 M4 17.95 dBV/m | Grid 6 M4 17.64 dBV/m |
| Grid 7 M4 19.11 dBV/m | Grid 8 M4 20.1 dBV/m | Grid 9 M4 19.18 dBV/m |



0 dB = 10.11 V/m = 20.10 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM

Ch. 39750/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 = 14.78 V/m; Power Drift = -0.04 dB

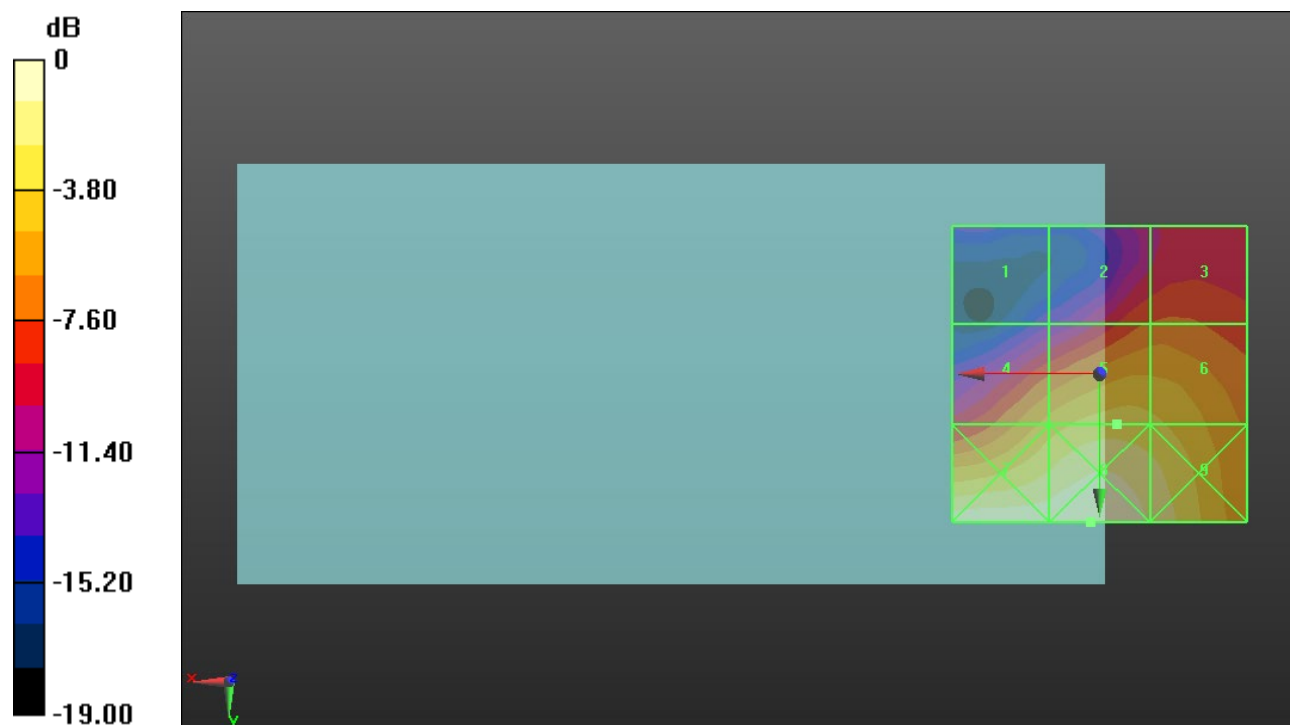
Applied MIF = -1.44 dB

RF audio interference level = 21.82 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 12.16 dBV/m | Grid 2 M4 17.45 dBV/m | Grid 3 M4 17.67 dBV/m |
| Grid 4 M4 20.42 dBV/m | Grid 5 M4 21.82 dBV/m | Grid 6 M4 21.5 dBV/m |
| Grid 7 M4 24.92 dBV/m | Grid 8 M4 24.95 dBV/m | Grid 9 M4 23.62 dBV/m |



0 dB = 17.68 V/m = 24.95 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 40185/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 = 15.50 V/m; Power Drift = -0.07 dB

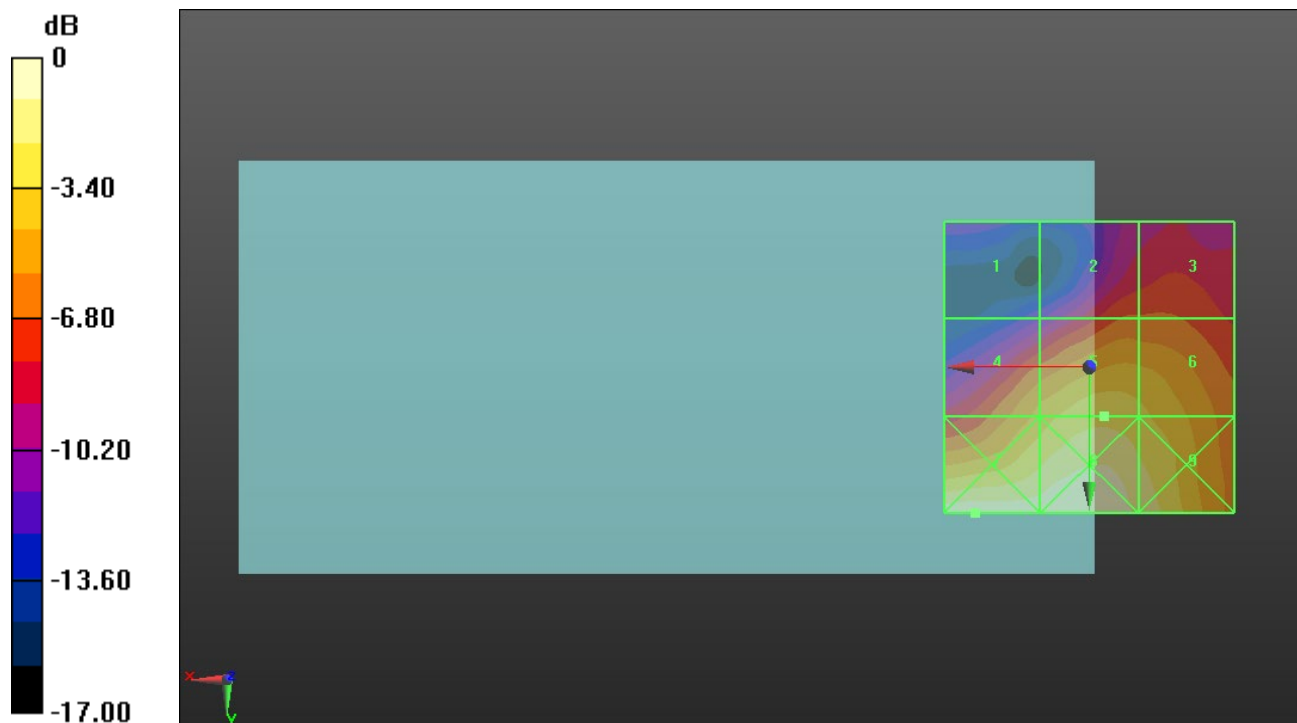
Applied MIF = -1.44 dB

RF audio interference level = 21.79 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 12.92 dBV/m | Grid 2 M4 17.73 dBV/m | Grid 3 M4 17.76 dBV/m |
| Grid 4 M4 20.26 dBV/m | Grid 5 M4 21.79 dBV/m | Grid 6 M4 21.27 dBV/m |
| Grid 7 M4 24.35 dBV/m | Grid 8 M4 24.33 dBV/m | Grid 9 M4 23.01 dBV/m |



0 dB = 16.51 V/m = 24.35 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

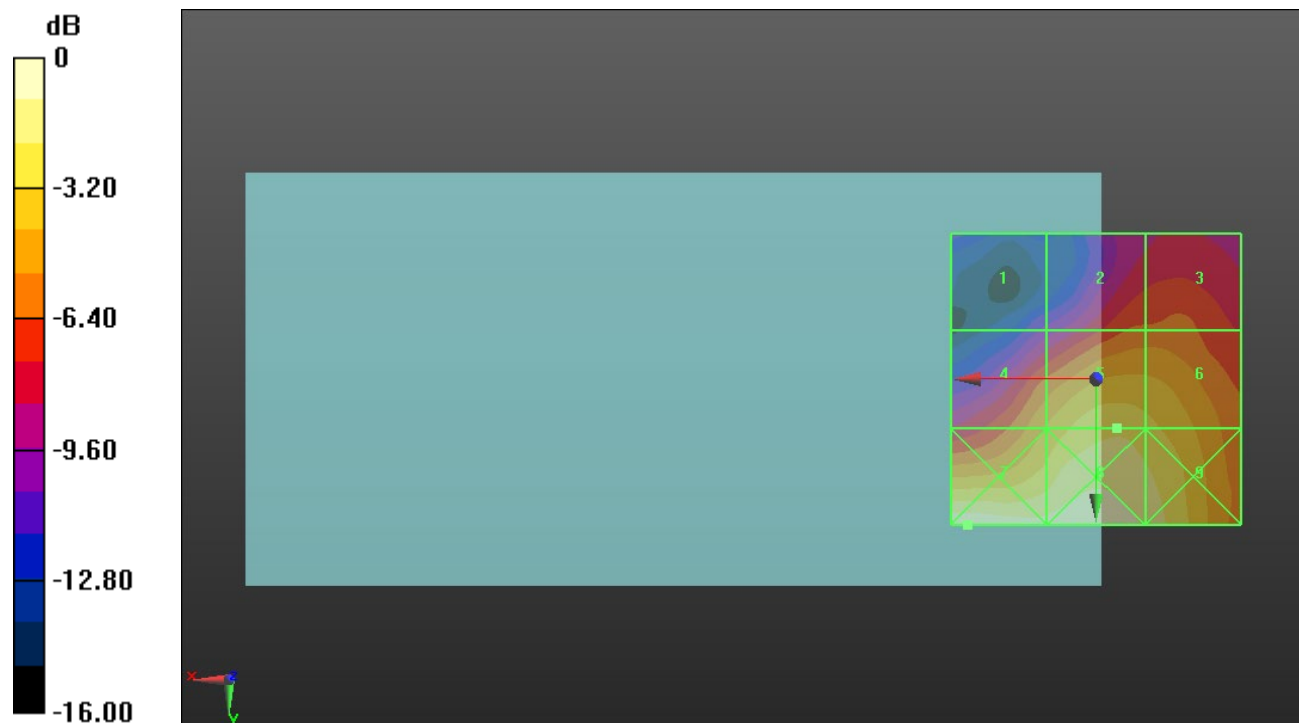
LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 40620/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 14.73 V/m; Power Drift = -0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 21.20 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 13.31 dBV/m | Grid 2 M4 17.39 dBV/m | Grid 3 M4 17.61 dBV/m |
| Grid 4 M4 19.37 dBV/m | Grid 5 M4 21.2 dBV/m | Grid 6 M4 20.73 dBV/m |
| Grid 7 M4 23.54 dBV/m | Grid 8 M4 23.28 dBV/m | Grid 9 M4 22.24 dBV/m |



0 dB = 15.04 V/m = 23.54 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM

Ch. 41055/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 = 13.78 V/m; Power Drift = -0.10 dB

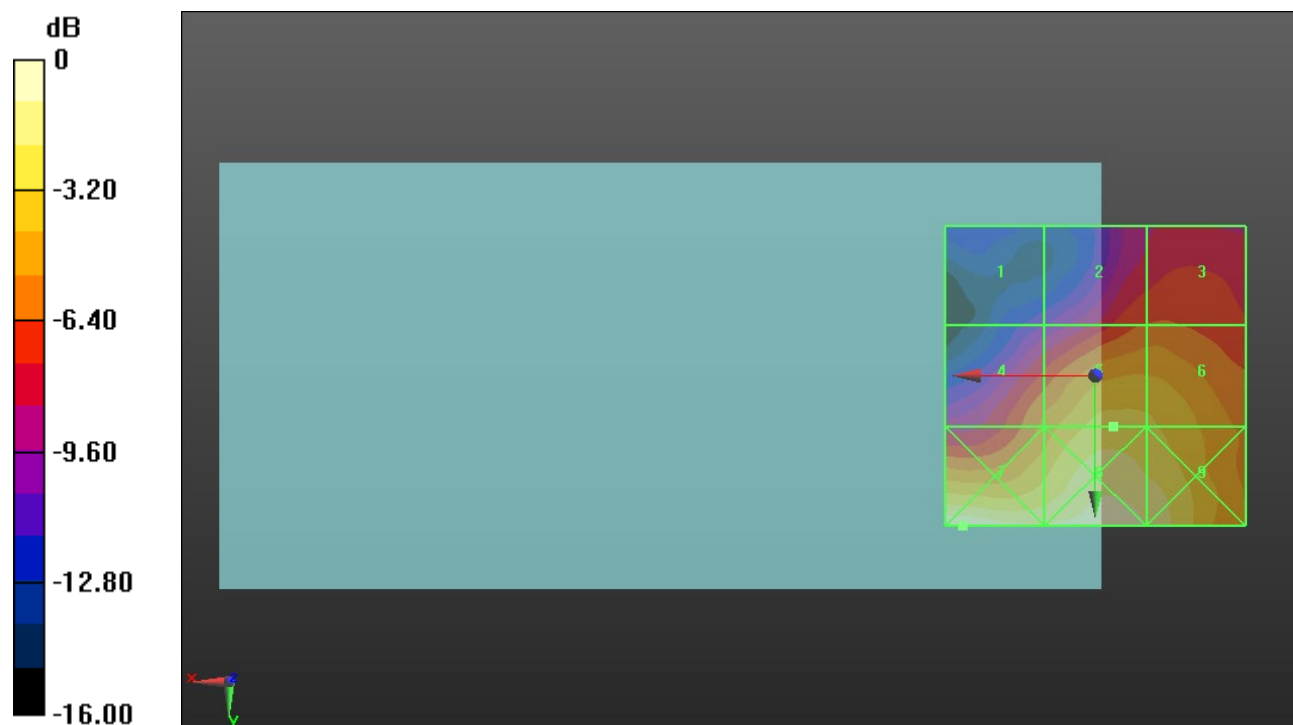
Applied MIF = -1.44 dB

RF audio interference level = 20.70 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 12.74 dBV/m | Grid 2 M4 17.09 dBV/m | Grid 3 M4 17.19 dBV/m |
| Grid 4 M4 18.46 dBV/m | Grid 5 M4 20.7 dBV/m | Grid 6 M4 20.45 dBV/m |
| Grid 7 M4 23.42 dBV/m | Grid 8 M4 22.86 dBV/m | Grid 9 M4 22.25 dBV/m |



0 dB = 14.83 V/m = 23.42 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

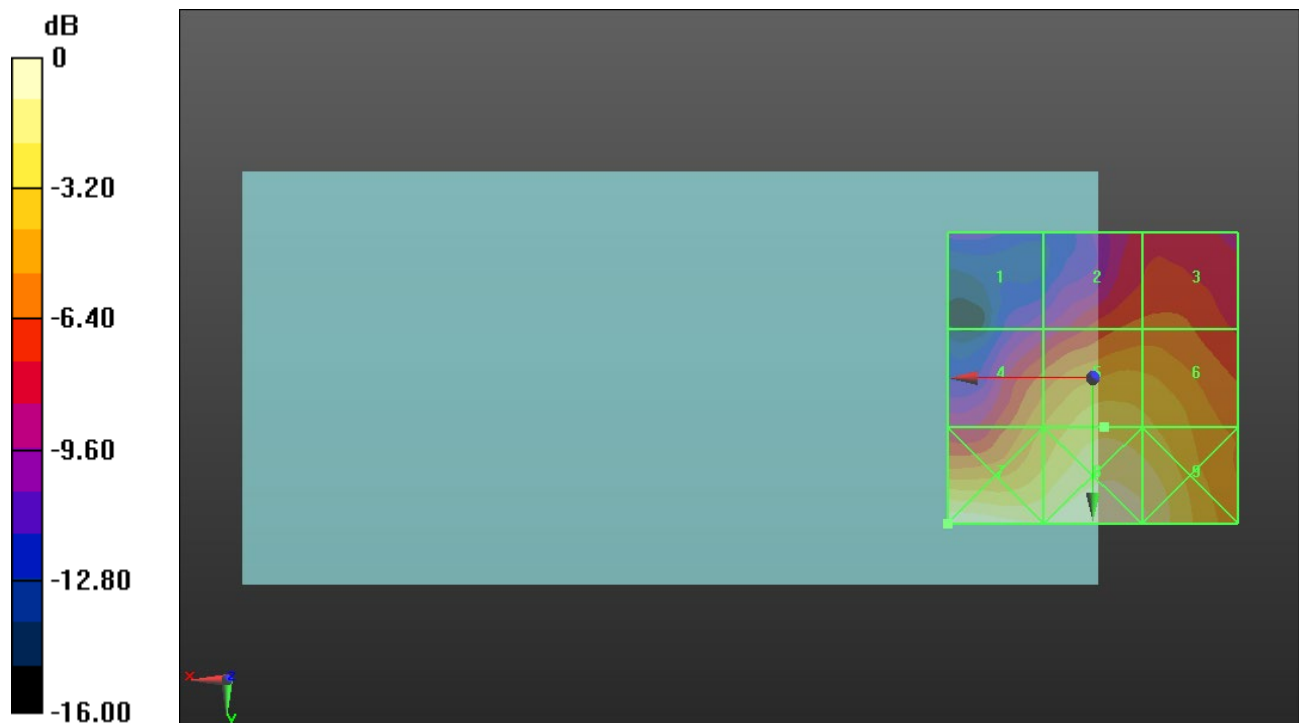
LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 41490/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 13.81 V/m; Power Drift = -0.19 dB
 Applied MIF = -1.44 dB
 RF audio interference level = 20.40 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 13.3 dBV/m | Grid 2 M4 16.84 dBV/m | Grid 3 M4 16.91 dBV/m |
| Grid 4 M4 18.59 dBV/m | Grid 5 M4 20.4 dBV/m | Grid 6 M4 19.93 dBV/m |
| Grid 7 M4 22.8 dBV/m | Grid 8 M4 22.6 dBV/m | Grid 9 M4 21.91 dBV/m |



0 dB = 13.81 V/m = 22.80 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

55340/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 = 11.92 V/m; Power Drift = -0.08 dB

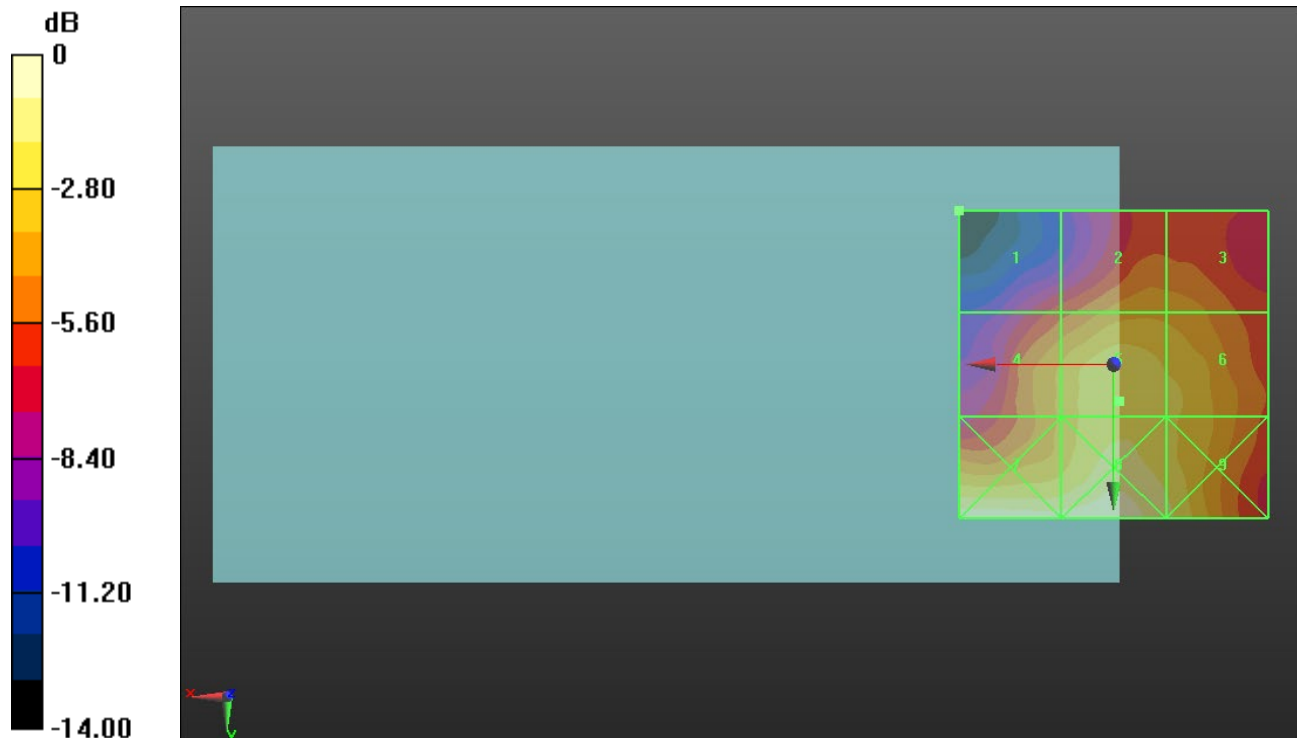
Applied MIF = -1.44 dB

RF audio interference level = 17.90 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 13.86 dBV/m | Grid 2 M4 15.89 dBV/m | Grid 3 M4 15.84 dBV/m |
| Grid 4 M4 16.37 dBV/m | Grid 5 M4 17.89 dBV/m | Grid 6 M4 17.42 dBV/m |
| Grid 7 M4 19.83 dBV/m | Grid 8 M4 19.79 dBV/m | Grid 9 M4 18.34 dBV/m |



0 dB = 9.801 V/m = 19.83 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

55773/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 = 12.29 V/m; Power Drift = -0.07 dB

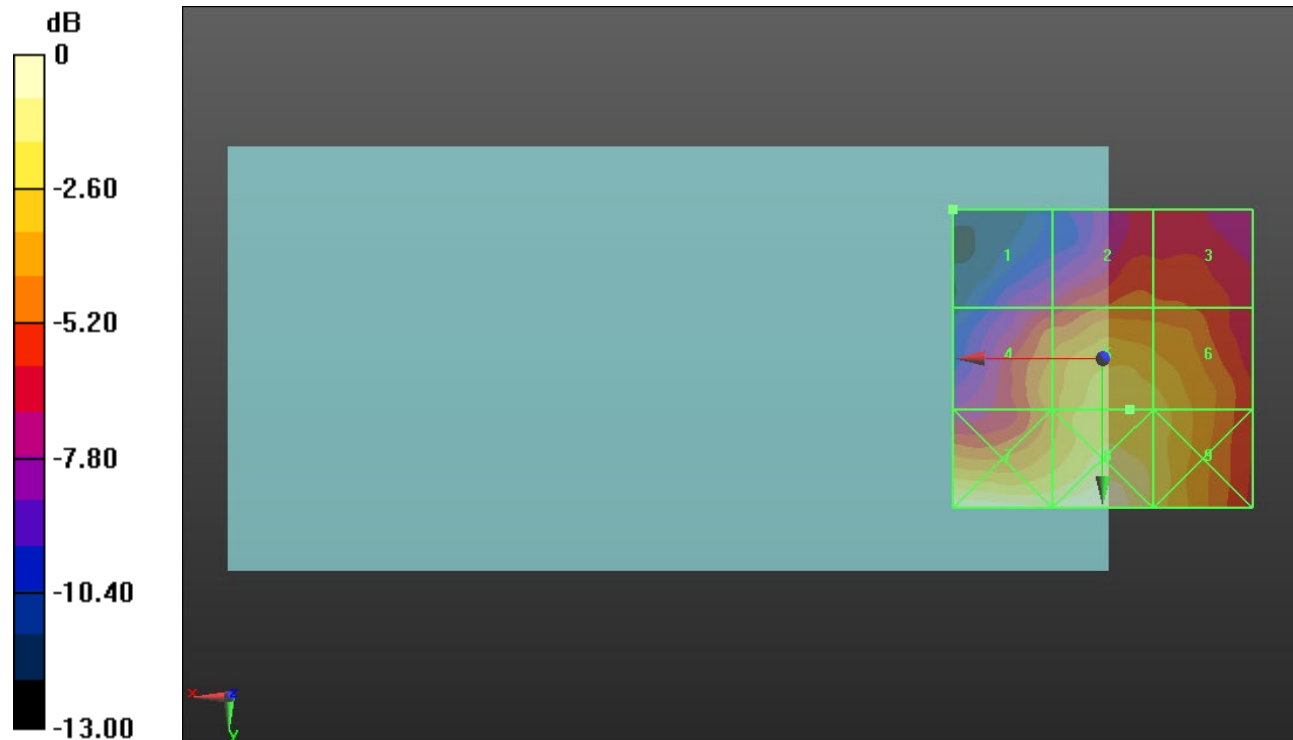
Applied MIF = -1.44 dB

RF audio interference level = 18.62 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 13.88 dBV/m | Grid 2 M4 15.97 dBV/m | Grid 3 M4 15.79 dBV/m |
| Grid 4 M4 16.95 dBV/m | Grid 5 M4 18.62 dBV/m | Grid 6 M4 18.43 dBV/m |
| Grid 7 M4 20.63 dBV/m | Grid 8 M4 20.48 dBV/m | Grid 9 M4 18.76 dBV/m |



0 dB = 10.75 V/m = 20.63 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

56207/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 = 13.45 V/m; Power Drift = 0.09 dB

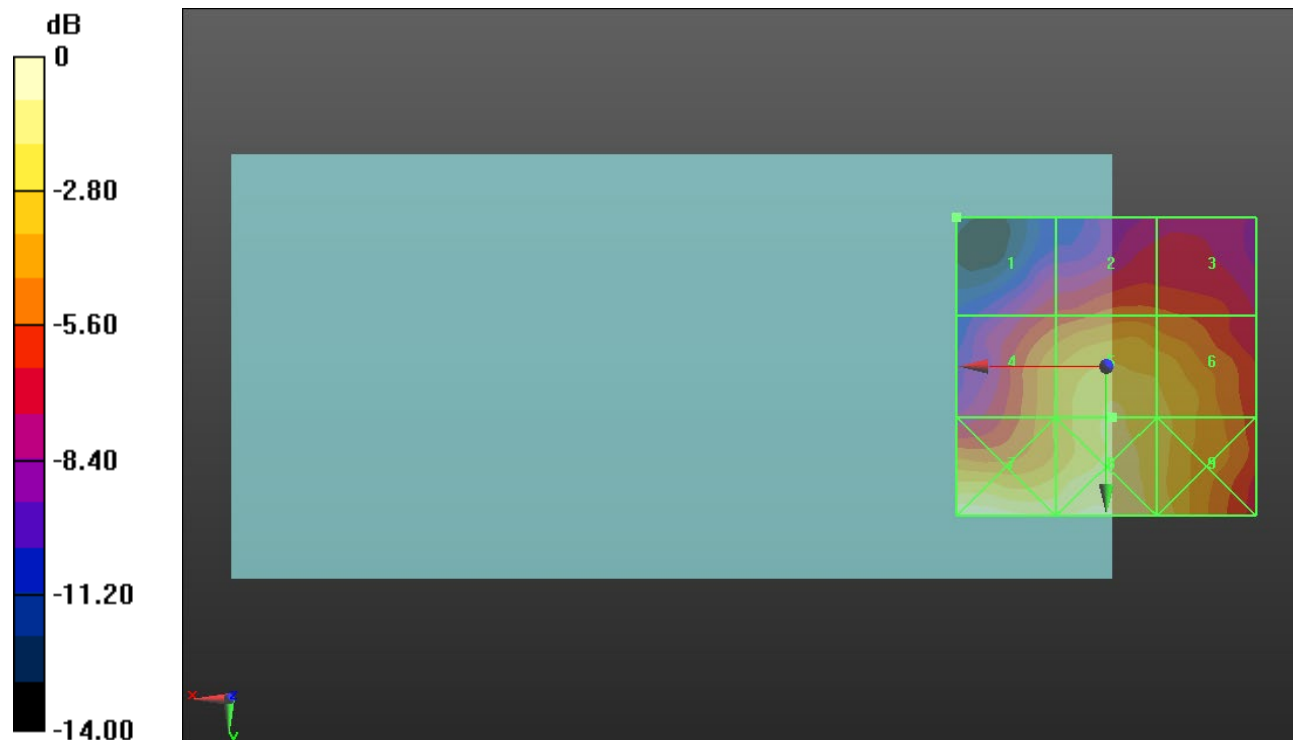
Applied MIF = -1.44 dB

RF audio interference level = 19.68 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 15.16 dBV/m | Grid 2 M4 16.4 dBV/m | Grid 3 M4 16.18 dBV/m |
| Grid 4 M4 17.84 dBV/m | Grid 5 M4 19.68 dBV/m | Grid 6 M4 19.04 dBV/m |
| Grid 7 M4 21.43 dBV/m | Grid 8 M4 20.77 dBV/m | Grid 9 M4 19.45 dBV/m |



0 dB = 11.80 V/m = 21.44 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

56640/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 = 16.20 V/m; Power Drift = 0.08 dB

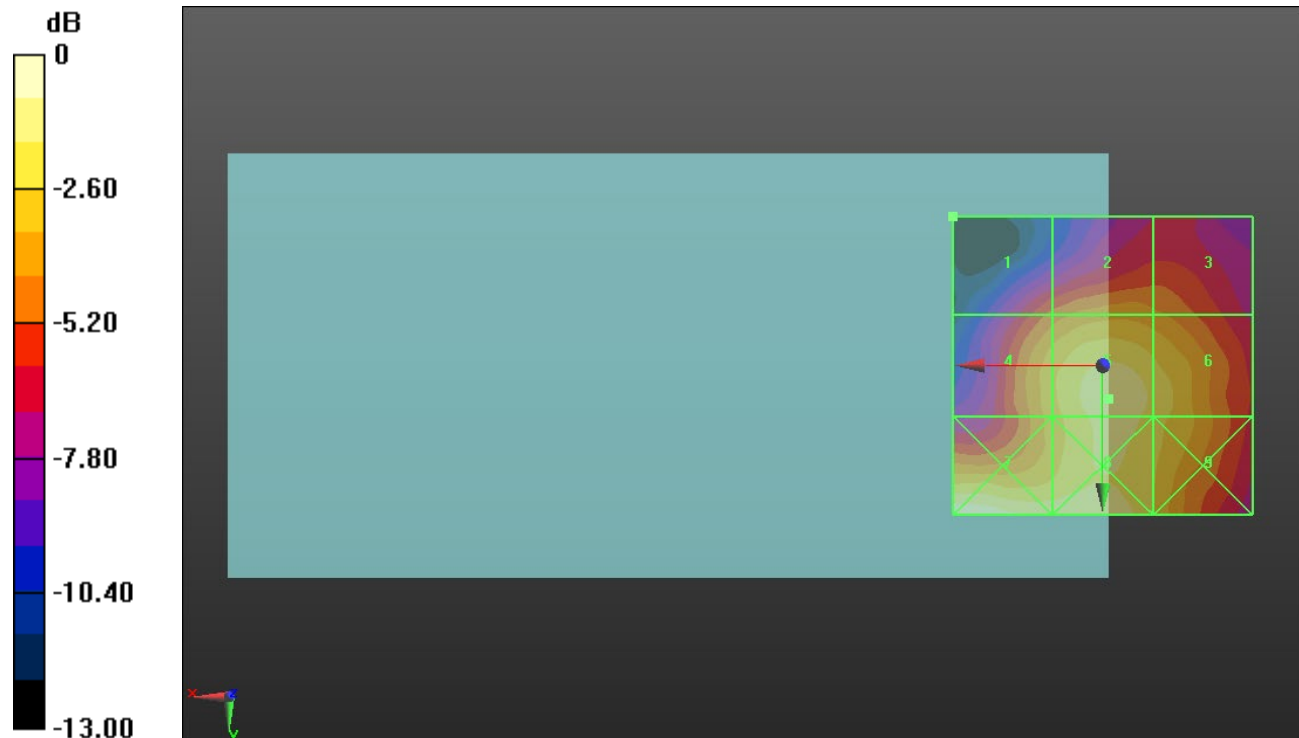
Applied MIF = -1.44 dB

RF audio interference level = 20.73 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 17.05 dBV/m | Grid 2 M4 18.24 dBV/m | Grid 3 M4 17.86 dBV/m |
| Grid 4 M4 19.14 dBV/m | Grid 5 M4 20.73 dBV/m | Grid 6 M4 20.03 dBV/m |
| Grid 7 M4 21.91 dBV/m | Grid 8 M4 21.15 dBV/m | Grid 9 M4 19.8 dBV/m |



0 dB = 12.47 V/m = 21.92 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2417 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2417 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 2/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 = 6.593 V/m; Power Drift = -0.73 dB

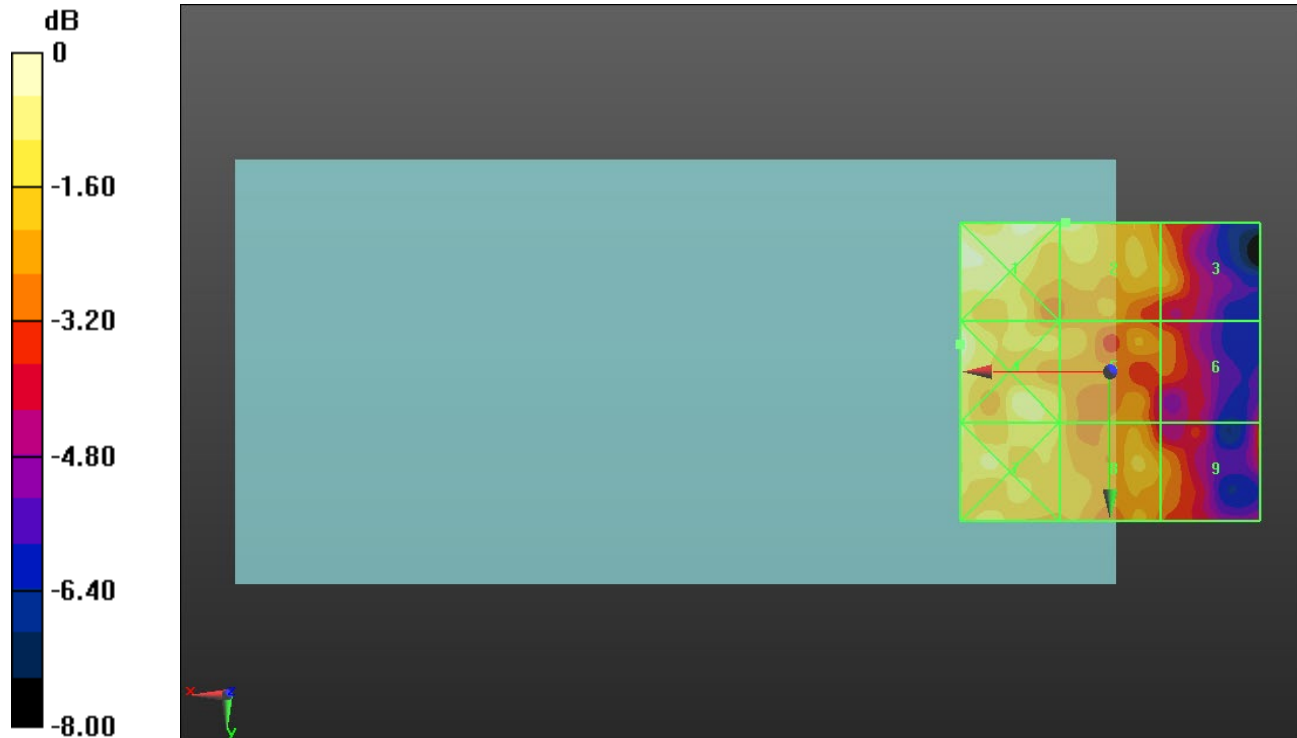
Applied MIF = -2.02 dB

RF audio interference level = 12.87 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 13.59 dBV/m | Grid 2 M4 12.87 dBV/m | Grid 3 M4 11.88 dBV/m |
| Grid 4 M4 13.7 dBV/m | Grid 5 M4 12.08 dBV/m | Grid 6 M4 11.04 dBV/m |
| Grid 7 M4 12.88 dBV/m | Grid 8 M4 12.24 dBV/m | Grid 9 M4 11.49 dBV/m |



0 dB = 4.840 V/m = 13.70 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 6/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 = 5.855 V/m; Power Drift = -0.03 dB

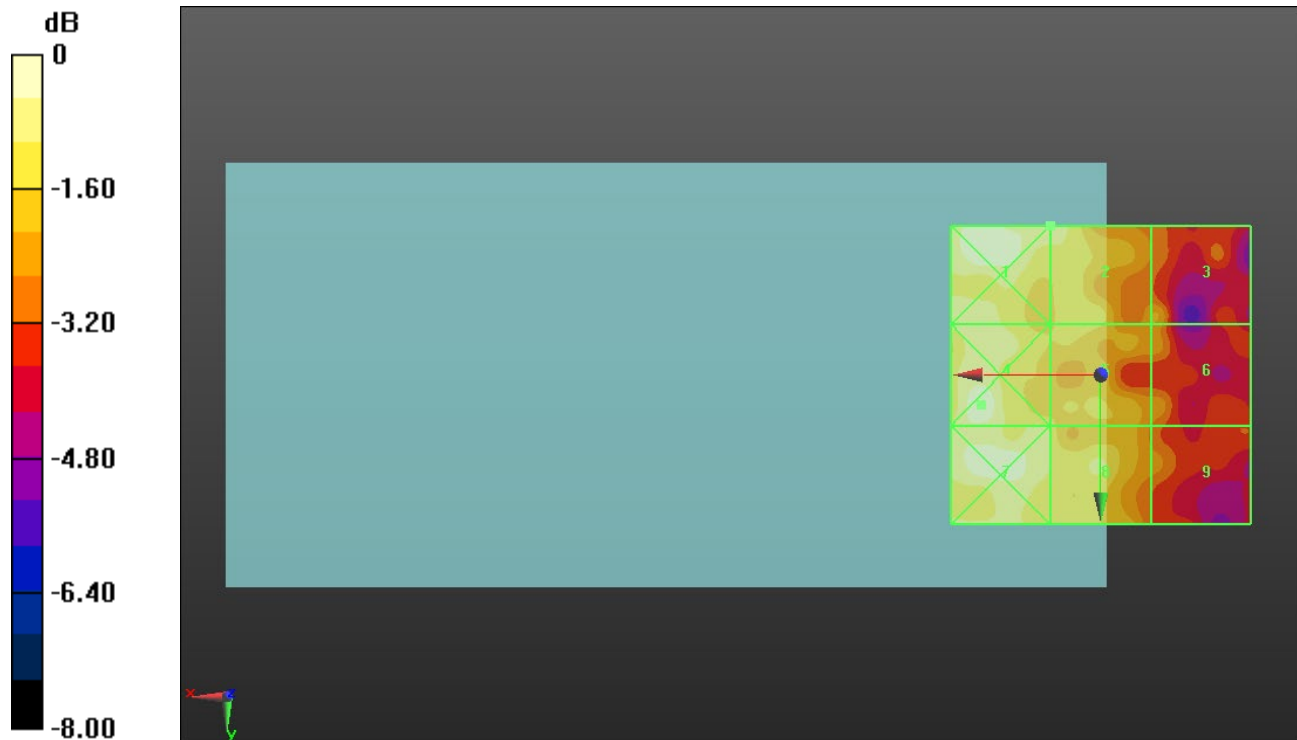
Applied MIF = -2.02 dB

RF audio interference level = 13.34 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 14.02 dBV/m | Grid 2 M4 13.34 dBV/m | Grid 3 M4 12.05 dBV/m |
| Grid 4 M4 14.07 dBV/m | Grid 5 M4 12.79 dBV/m | Grid 6 M4 11.91 dBV/m |
| Grid 7 M4 13.98 dBV/m | Grid 8 M4 13.14 dBV/m | Grid 9 M4 11.68 dBV/m |



0 dB = 5.054 V/m = 14.07 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 11/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 = 6.140 V/m; Power Drift = -0.78 dB

Applied MIF = -2.02 dB

RF audio interference level = 13.75 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 14.07 dBV/m | Grid 2 M4 13.75 dBV/m | Grid 3 M4 12.34 dBV/m |
| Grid 4 M4 13.54 dBV/m | Grid 5 M4 13.64 dBV/m | Grid 6 M4 12.95 dBV/m |
| Grid 7 M4 13.81 dBV/m | Grid 8 M4 13.63 dBV/m | Grid 9 M4 12.4 dBV/m |



0 dB = 5.050 V/m = 14.07 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2422 MHz; Duty Cycle: 1:12.5777

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2422 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 3/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 = 5.750 V/m; Power Drift = 0.38 dB

Applied MIF = 0.12 dB

RF audio interference level = 15.21 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 15.49 dBV/m | Grid 2 M4 15.44 dBV/m | Grid 3 M4 12.8 dBV/m |
| Grid 4 M4 15.19 dBV/m | Grid 5 M4 14.6 dBV/m | Grid 6 M4 12.73 dBV/m |
| Grid 7 M4 15.21 dBV/m | Grid 8 M4 14.33 dBV/m | Grid 9 M4 12.72 dBV/m |



0 dB = 5.948 V/m = 15.49 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 6/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 = 5.427 V/m; Power Drift = 1.11 dB

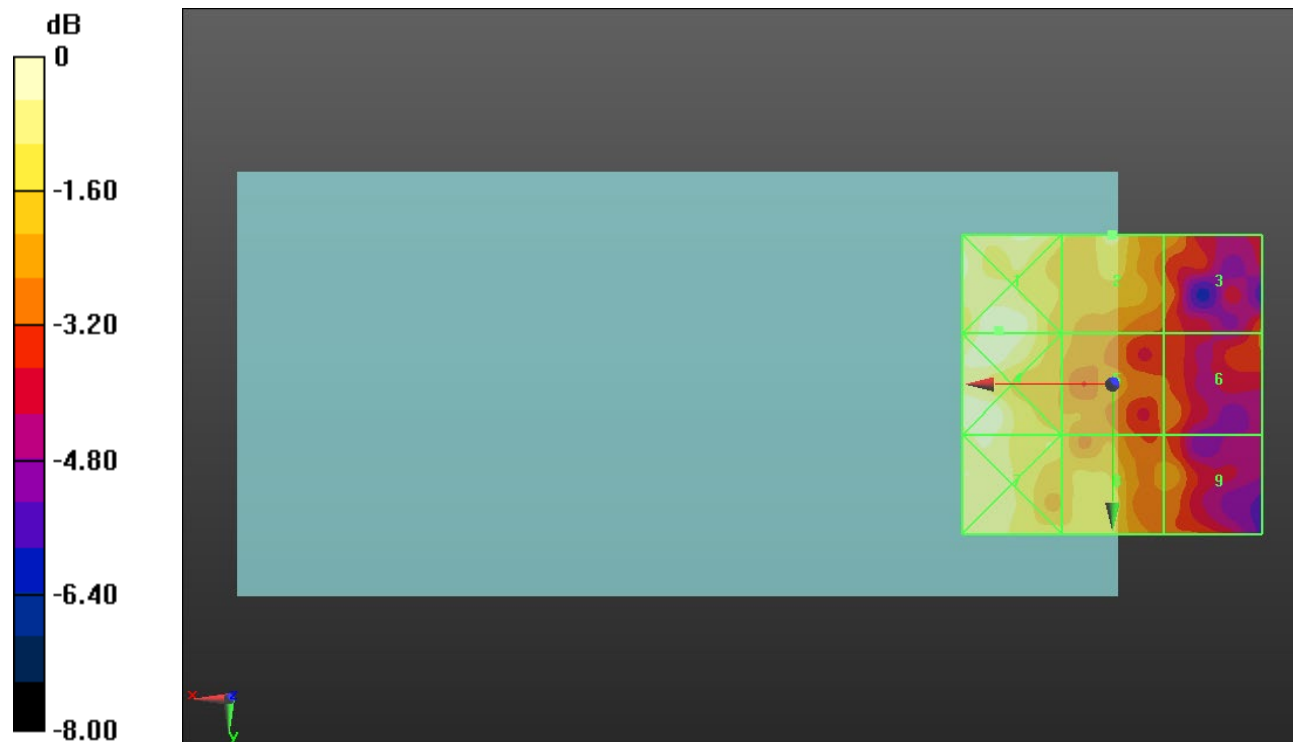
Applied MIF = 0.12 dB

RF audio interference level = 15.19 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 15.93 dBV/m | Grid 2 M4 15.19 dBV/m | Grid 3 M4 13.88 dBV/m |
| Grid 4 M4 15.93 dBV/m | Grid 5 M4 14.26 dBV/m | Grid 6 M4 13.21 dBV/m |
| Grid 7 M4 15.52 dBV/m | Grid 8 M4 14.83 dBV/m | Grid 9 M4 13.78 dBV/m |



0 dB = 6.259 V/m = 15.93 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:12.5777

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2452 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 9/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 = 5.550 V/m; Power Drift = 0.42 dB

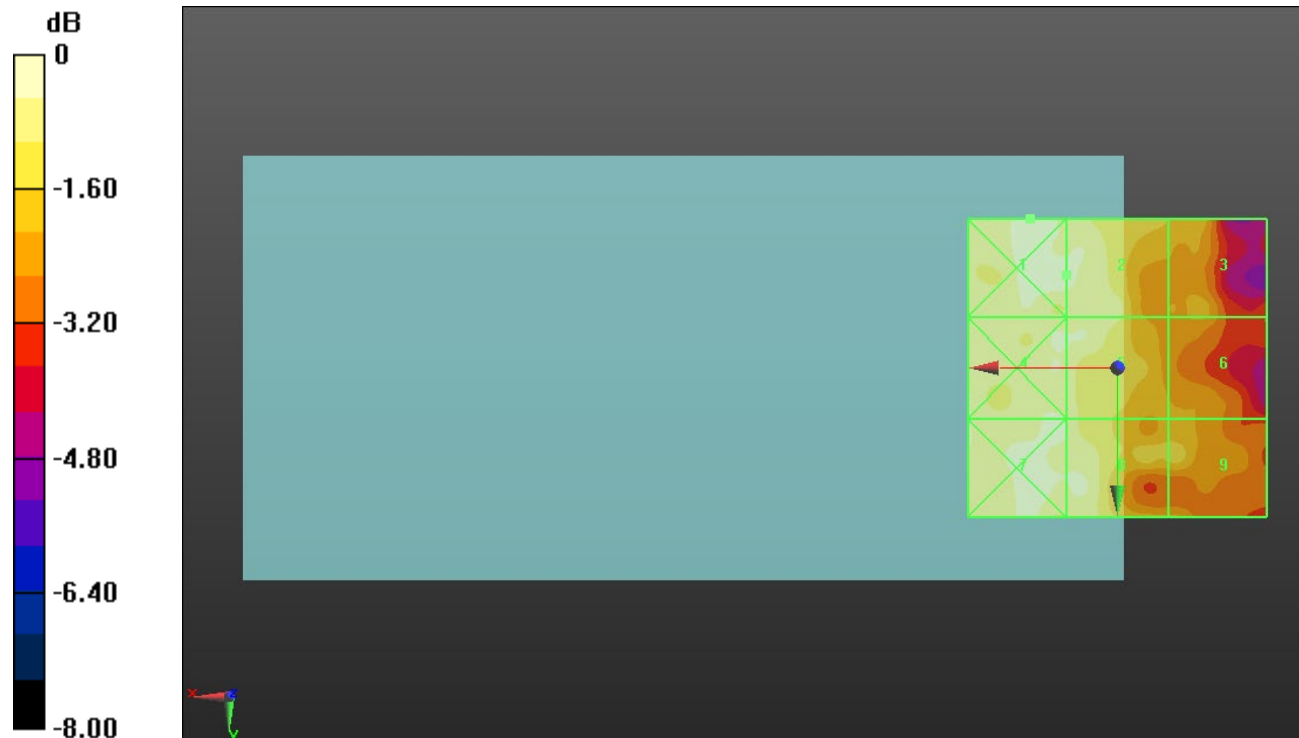
Applied MIF = 0.12 dB

RF audio interference level = 16.03 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 16.33 dBV/m | Grid 2 M4 16.03 dBV/m | Grid 3 M4 14.72 dBV/m |
| Grid 4 M4 15.95 dBV/m | Grid 5 M4 15.83 dBV/m | Grid 6 M4 14.39 dBV/m |
| Grid 7 M4 16.11 dBV/m | Grid 8 M4 15.91 dBV/m | Grid 9 M4 15.01 dBV/m |



0 dB = 6.552 V/m = 16.33 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5200 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5200 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 40/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 = 6.322 V/m; Power Drift = -0.71 dB

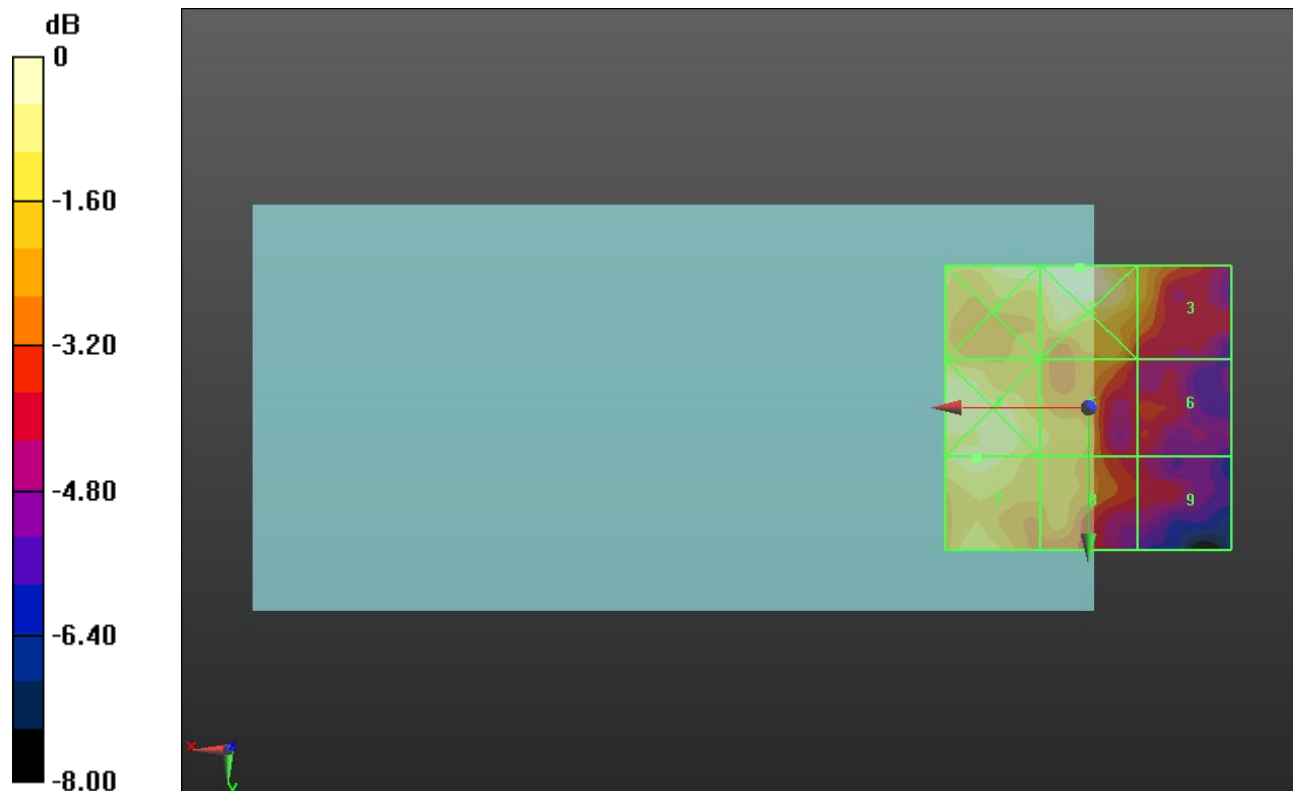
Applied MIF = -3.15 dB

RF audio interference level = 12.90 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 13.45 dBV/m | Grid 2 M4 13.76 dBV/m | Grid 3 M4 12.12 dBV/m |
| Grid 4 M4 13.34 dBV/m | Grid 5 M4 12.31 dBV/m | Grid 6 M4 10.19 dBV/m |
| Grid 7 M4 12.9 dBV/m | Grid 8 M4 12 dBV/m | Grid 9 M4 10.08 dBV/m |



0 dB = 4.873 V/m = 13.76 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5220 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5220 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 44/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 = 3.192 V/m; Power Drift = 0.19 dB

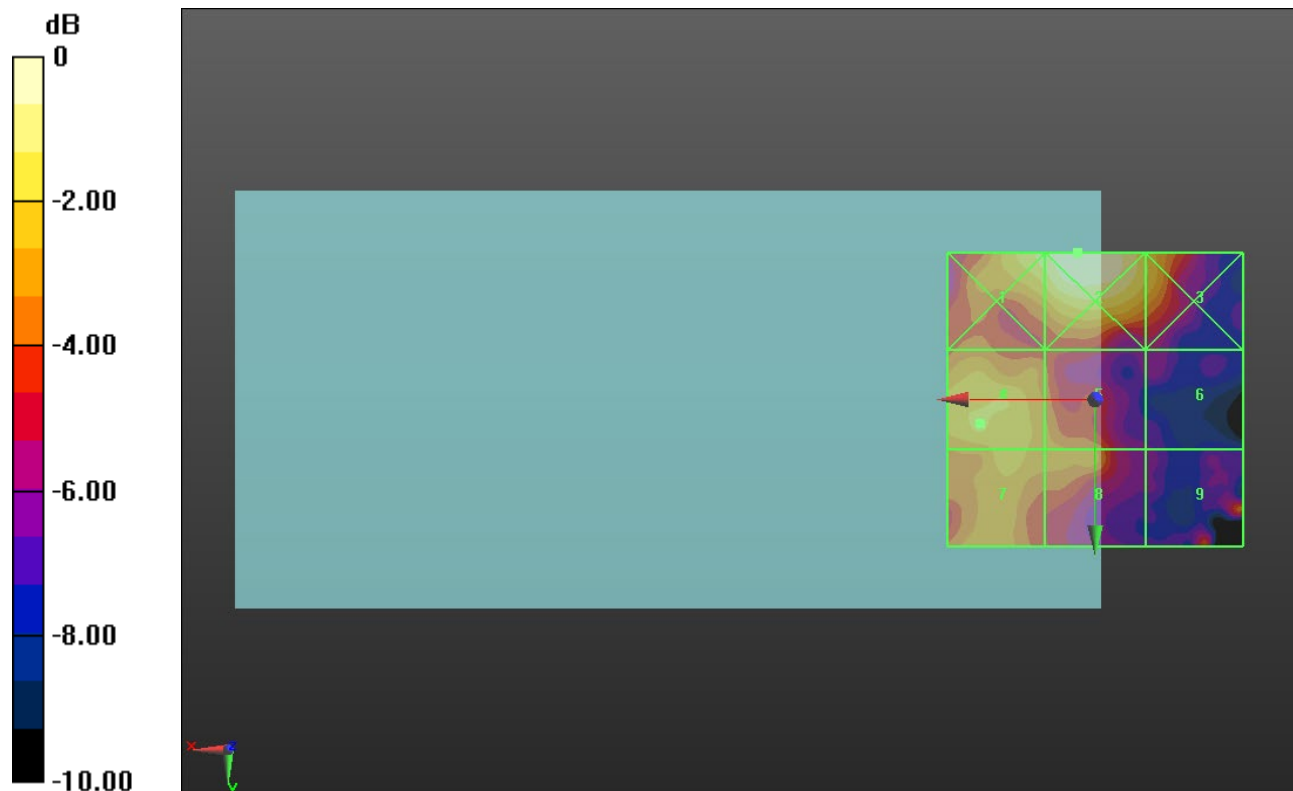
Applied MIF = -3.15 dB

RF audio interference level = 10.21 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 11.2 dBV/m | Grid 2 M4 12.08 dBV/m | Grid 3 M4 10.26 dBV/m |
| Grid 4 M4 10.21 dBV/m | Grid 5 M4 9.1 dBV/m | Grid 6 M4 6.19 dBV/m |
| Grid 7 M4 9.81 dBV/m | Grid 8 M4 9.12 dBV/m | Grid 9 M4 8.42 dBV/m |



0 dB = 4.020 V/m = 12.08 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5240 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5240 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 48/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 = 3.819 V/m; Power Drift = -0.44 dB

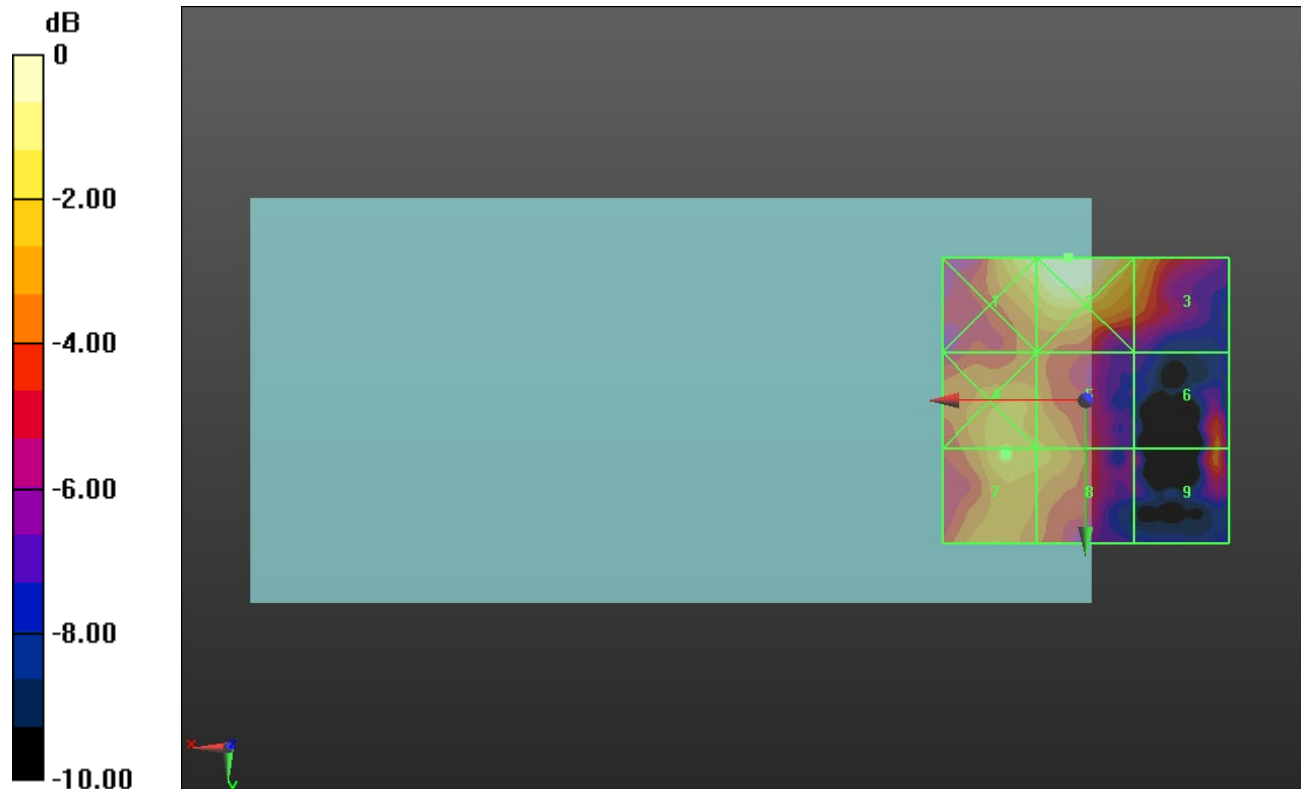
Applied MIF = -3.15 dB

RF audio interference level = 10.22 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 11.44 dBV/m | Grid 2 M4 12.09 dBV/m | Grid 3 M4 10.01 dBV/m |
| Grid 4 M4 10.18 dBV/m | Grid 5 M4 9.63 dBV/m | Grid 6 M4 8.35 dBV/m |
| Grid 7 M4 10.22 dBV/m | Grid 8 M4 9.65 dBV/m | Grid 9 M4 8.37 dBV/m |



0 dB = 4.022 V/m = 12.09 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5260 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5260 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 52/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 = 3.894 V/m; Power Drift = -1.22 dB

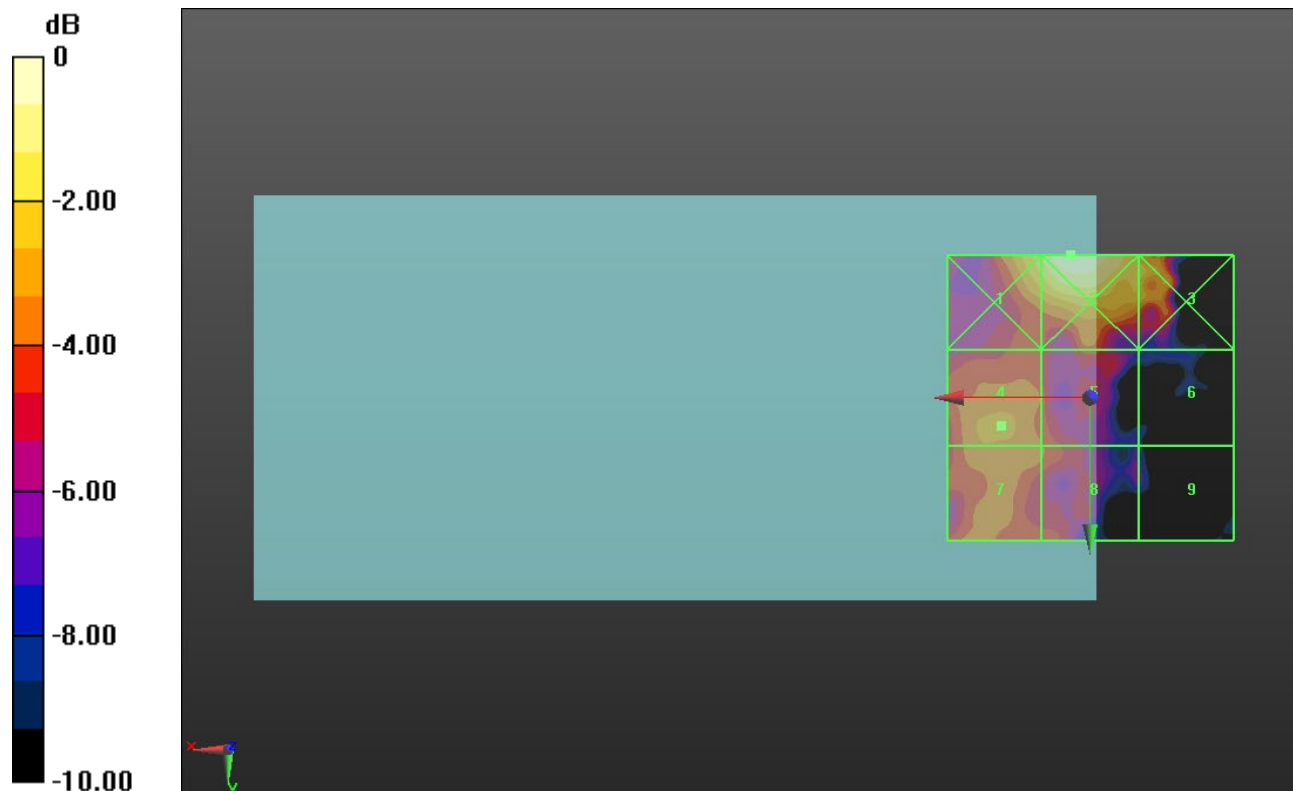
Applied MIF = -3.15 dB

RF audio interference level = 9.26 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 11.02 dBV/m | Grid 2 M4 12.42 dBV/m | Grid 3 M4 10.88 dBV/m |
| Grid 4 M4 9.26 dBV/m | Grid 5 M4 8.55 dBV/m | Grid 6 M4 5.24 dBV/m |
| Grid 7 M4 9.07 dBV/m | Grid 8 M4 8.6 dBV/m | Grid 9 M4 6 dBV/m |



0 dB = 4.177 V/m = 12.42 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5280 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5280 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 56/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 = 4.158 V/m; Power Drift = -0.78 dB

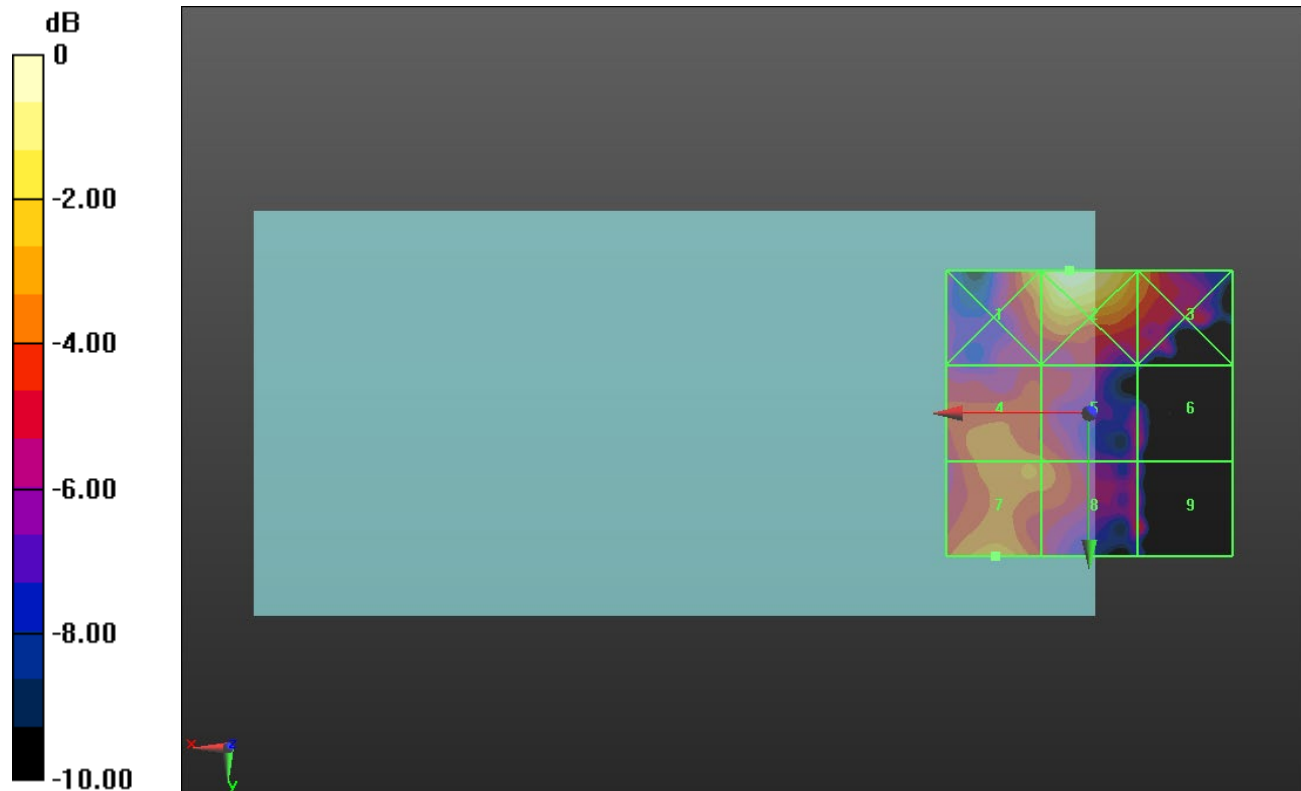
Applied MIF = -3.15 dB

RF audio interference level = 9.45 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|---------------------------------------|
| Grid 1 M4 10.23 dBV/m | Grid 2 M4 12.28 dBV/m | Grid 3 M4 9.2 dBV/m |
| Grid 4 M4 8.88 dBV/m | Grid 5 M4 8.61 dBV/m | Grid 6 M4 7.01 dBV/m |
| Grid 7 M4 9.45 dBV/m | Grid 8 M4 8.84 dBV/m | Grid 9 M4 7.79 dBV/m |



0 dB = 4.114 V/m = 12.29 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5300 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5300 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 60/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 = 4.333 V/m; Power Drift = -0.83 dB

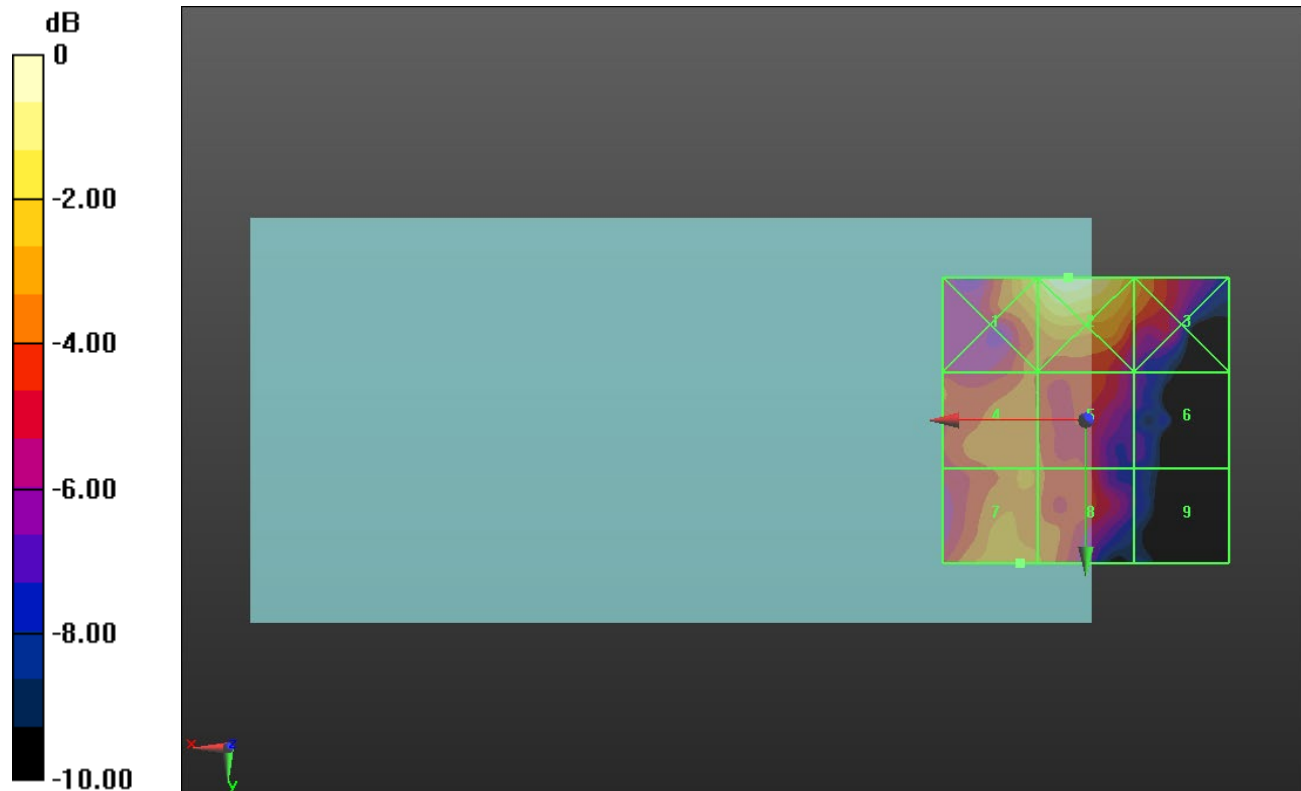
Applied MIF = -3.15 dB

RF audio interference level = 9.71 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|---------------------------------------|
| Grid 1 M4 11.01 dBV/m | Grid 2 M4 12.53 dBV/m | Grid 3 M4 9.74 dBV/m |
| Grid 4 M4 9.28 dBV/m | Grid 5 M4 8.96 dBV/m | Grid 6 M4 6.13 dBV/m |
| Grid 7 M4 9.71 dBV/m | Grid 8 M4 9.41 dBV/m | Grid 9 M4 5.4 dBV/m |



0 dB = 4.233 V/m = 12.53 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5520 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5520 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 104/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 = 7.404 V/m; Power Drift = -0.26 dB

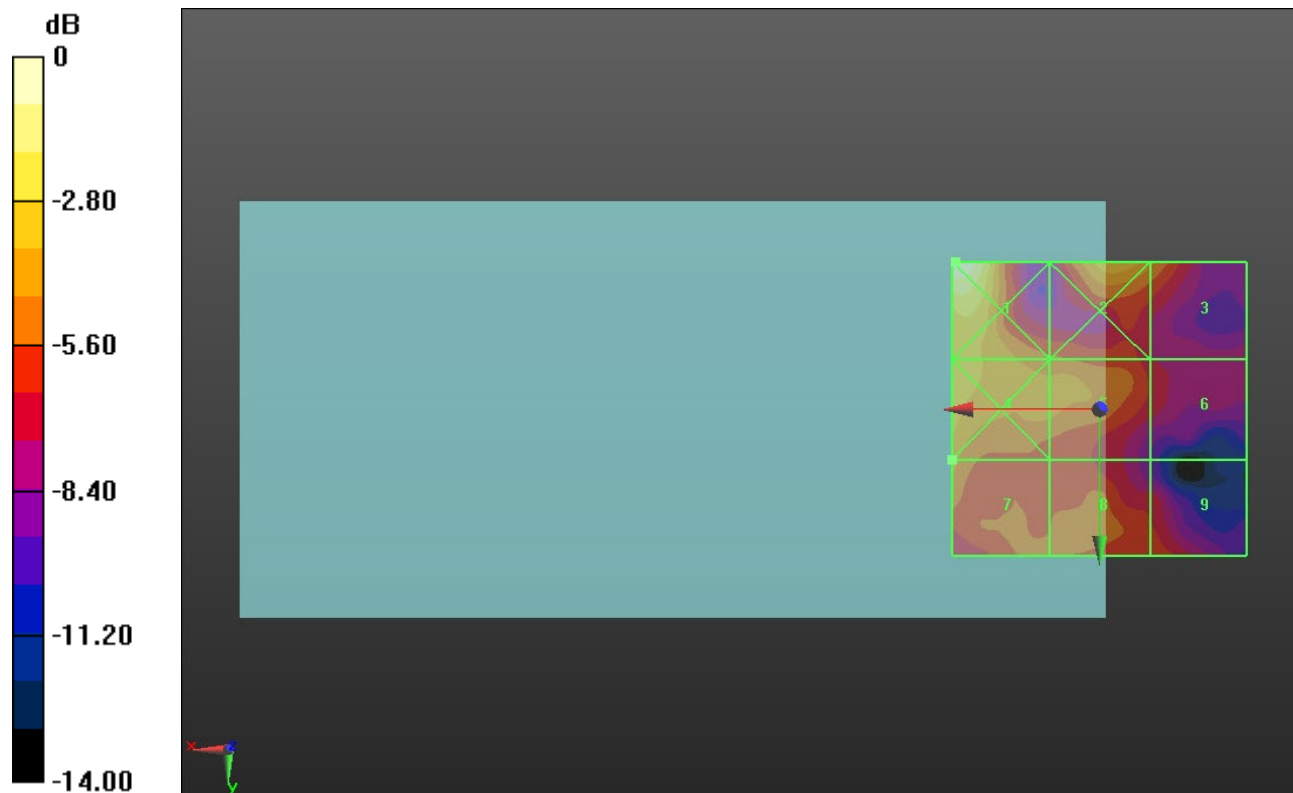
Applied MIF = -3.15 dB

RF audio interference level = 11.54 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 15.75 dBV/m | Grid 2 M4 12.86 dBV/m | Grid 3 M4 11.45 dBV/m |
| Grid 4 M4 12.62 dBV/m | Grid 5 M4 11.52 dBV/m | Grid 6 M4 9.16 dBV/m |
| Grid 7 M4 11.54 dBV/m | Grid 8 M4 10.77 dBV/m | Grid 9 M4 9.88 dBV/m |



0 dB = 6.133 V/m = 15.75 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5620 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5620 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 124/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 = 7.757 V/m; Power Drift = -0.23 dB

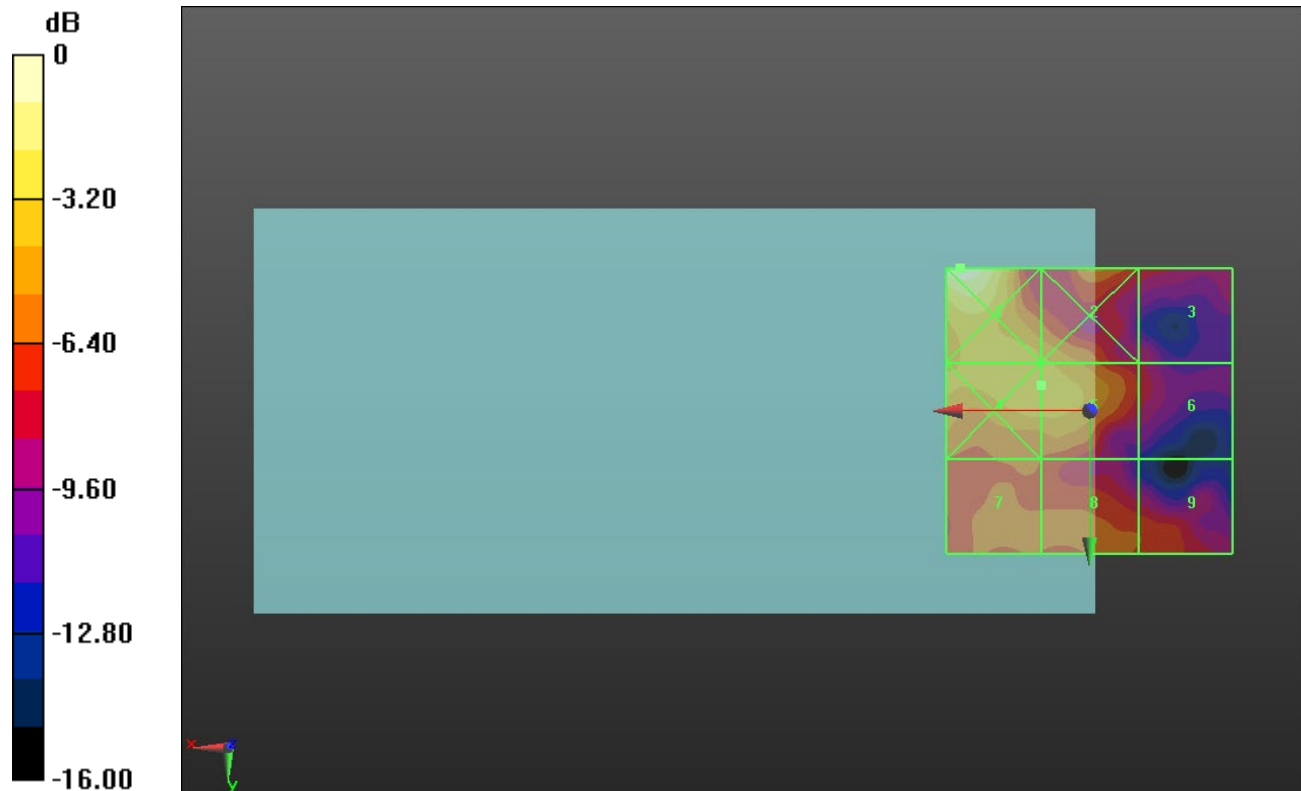
Applied MIF = -3.15 dB

RF audio interference level = 12.25 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|---------------------------------------|
| Grid 1 M4 15.65 dBV/m | Grid 2 M4 11.76 dBV/m | Grid 3 M4 8.35 dBV/m |
| Grid 4 M4 12.41 dBV/m | Grid 5 M4 12.25 dBV/m | Grid 6 M4 8.19 dBV/m |
| Grid 7 M4 9.89 dBV/m | Grid 8 M4 10.18 dBV/m | Grid 9 M4 9.34 dBV/m |



0 dB = 6.062 V/m = 15.65 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5720 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5720 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 144/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 = 6.652 V/m; Power Drift = -0.46 dB

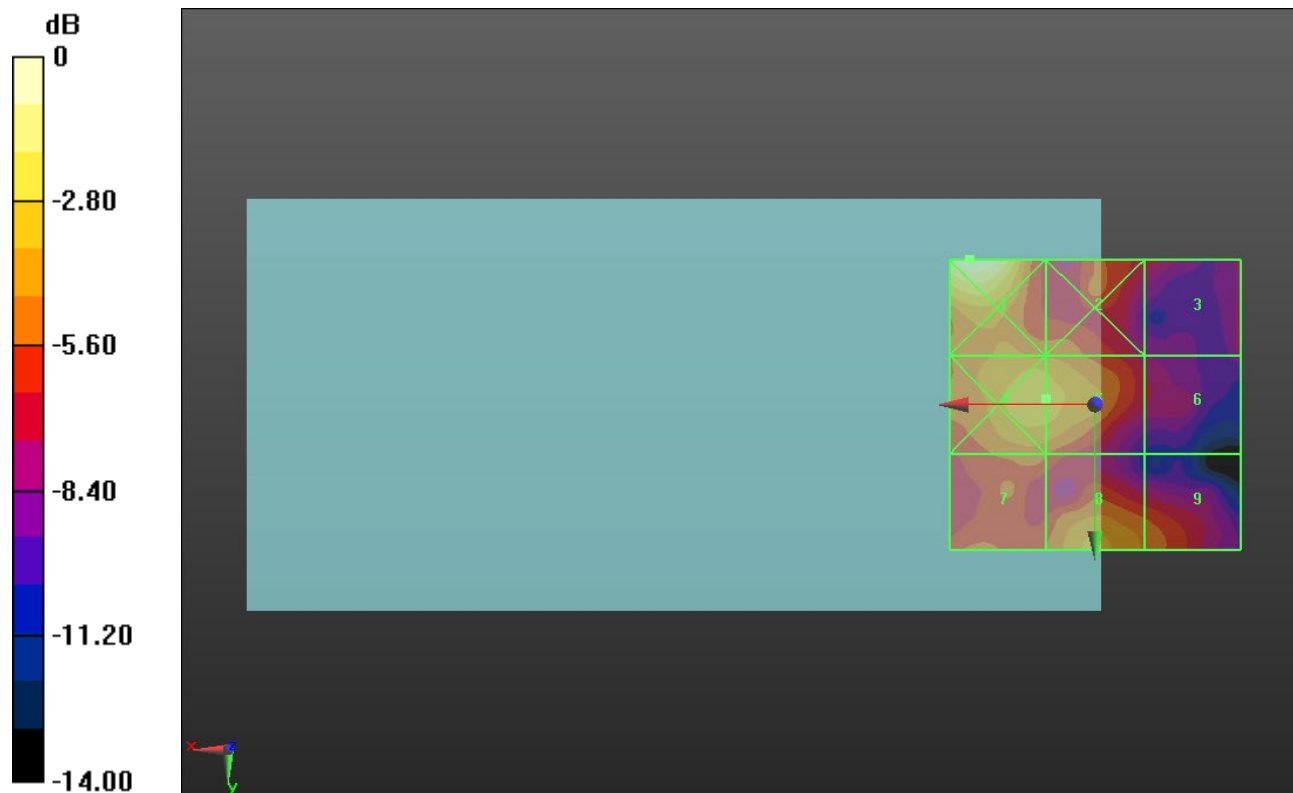
Applied MIF = -3.15 dB

RF audio interference level = 12.19 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 15.28 dBV/m | Grid 2 M4 10.48 dBV/m | Grid 3 M4 8.5 dBV/m |
| Grid 4 M4 12.3 dBV/m | Grid 5 M4 12.19 dBV/m | Grid 6 M4 8.19 dBV/m |
| Grid 7 M4 10.23 dBV/m | Grid 8 M4 11.93 dBV/m | Grid 9 M4 10.52 dBV/m |



0 dB = 5.811 V/m = 15.29 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5745 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 149/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 = 6.221 V/m; Power Drift = -0.27 dB

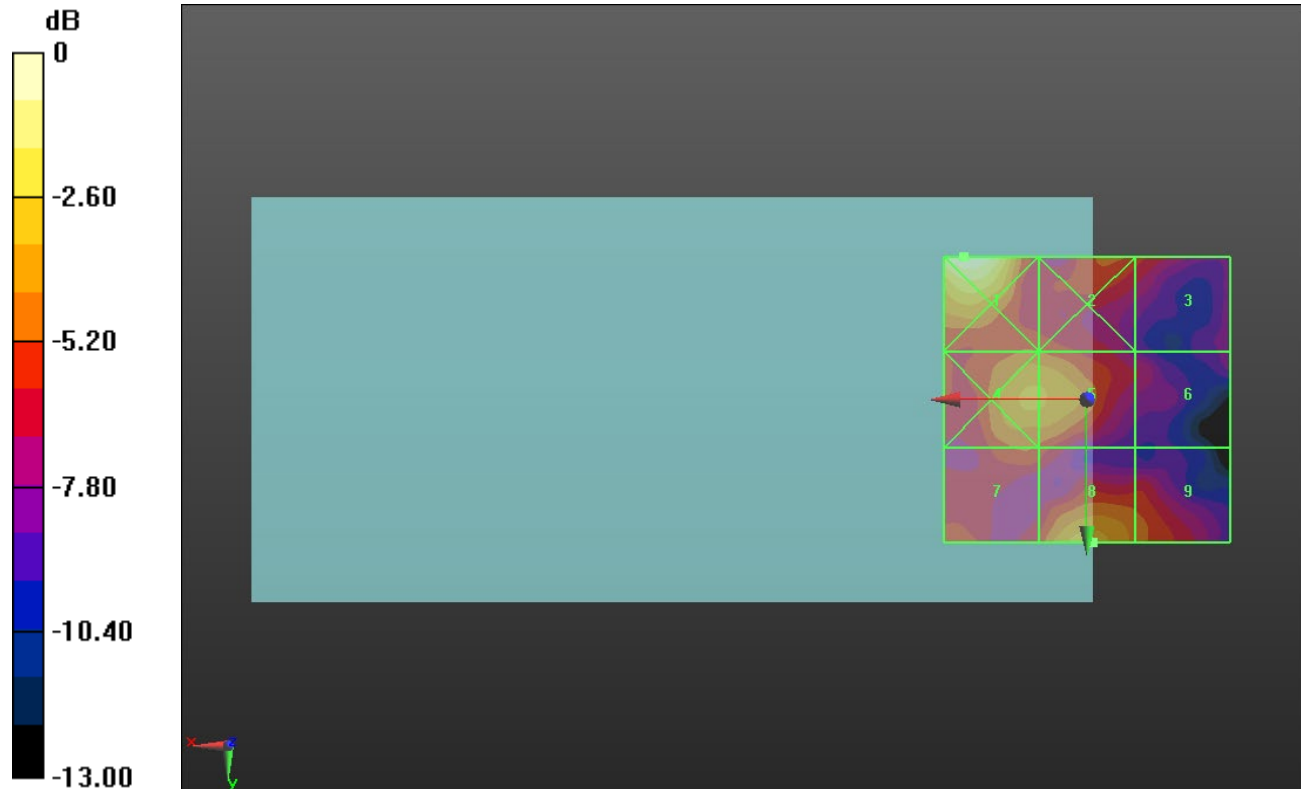
Applied MIF = -3.15 dB

RF audio interference level = 11.95 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 14.9 dBV/m | Grid 2 M4 9.88 dBV/m | Grid 3 M4 9.35 dBV/m |
| Grid 4 M4 11.65 dBV/m | Grid 5 M4 11.63 dBV/m | Grid 6 M4 8.07 dBV/m |
| Grid 7 M4 9.83 dBV/m | Grid 8 M4 11.95 dBV/m | Grid 9 M4 10.24 dBV/m |



0 dB = 5.558 V/m = 14.90 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5785 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 157/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 = 5.360 V/m; Power Drift = -0.05 dB

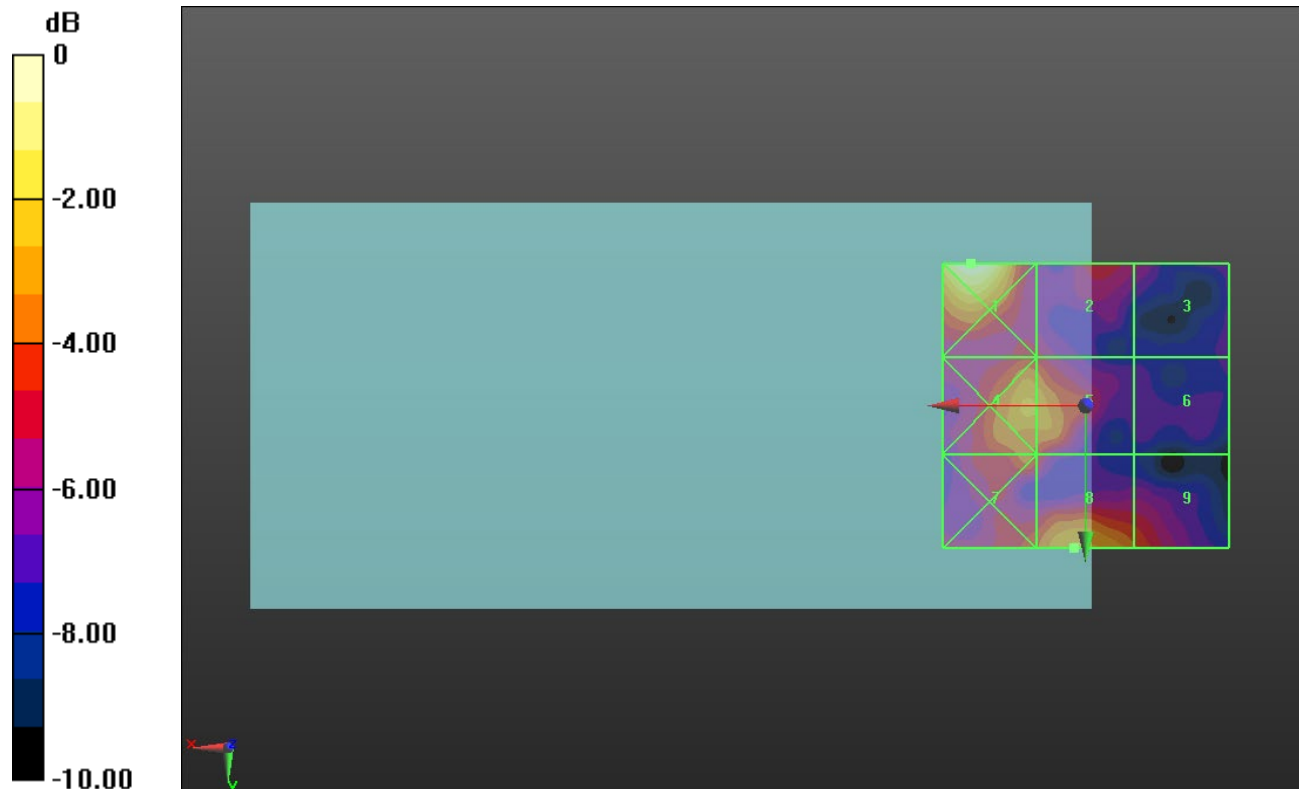
Applied MIF = -3.15 dB

RF audio interference level = 11.47 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 14.07 dBV/m | Grid 2 M4 9.1 dBV/m | Grid 3 M4 8.44 dBV/m |
| Grid 4 M4 11.57 dBV/m | Grid 5 M4 11.41 dBV/m | Grid 6 M4 7.33 dBV/m |
| Grid 7 M4 10.34 dBV/m | Grid 8 M4 11.47 dBV/m | Grid 9 M4 10.22 dBV/m |



0 dB = 5.053 V/m = 14.07 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5825 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5825 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 165/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 = 4.525 V/m; Power Drift = -0.48 dB

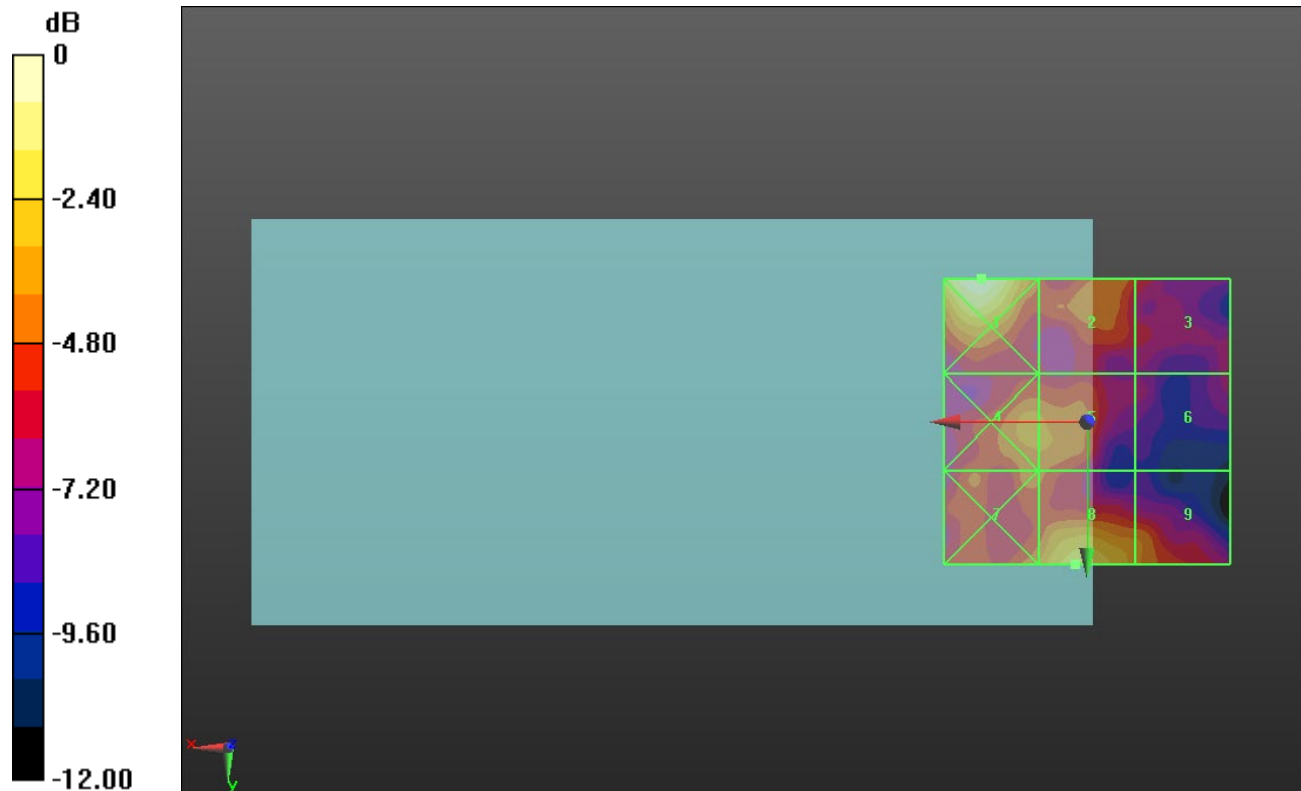
Applied MIF = -3.15 dB

RF audio interference level = 11.17 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|---------------------------------------|
| Grid 1 M4 13.17 dBV/m | Grid 2 M4 9.19 dBV/m | Grid 3 M4 7.92 dBV/m |
| Grid 4 M4 9.73 dBV/m | Grid 5 M4 9.62 dBV/m | Grid 6 M4 6.81 dBV/m |
| Grid 7 M4 9.33 dBV/m | Grid 8 M4 11.17 dBV/m | Grid 9 M4 9.5 dBV/m |



0 dB = 4.555 V/m = 13.17 dBV/m

HAC-RF Emission ANT6

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5745 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 149/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 = 11.59 V/m; Power Drift = -0.16 dB

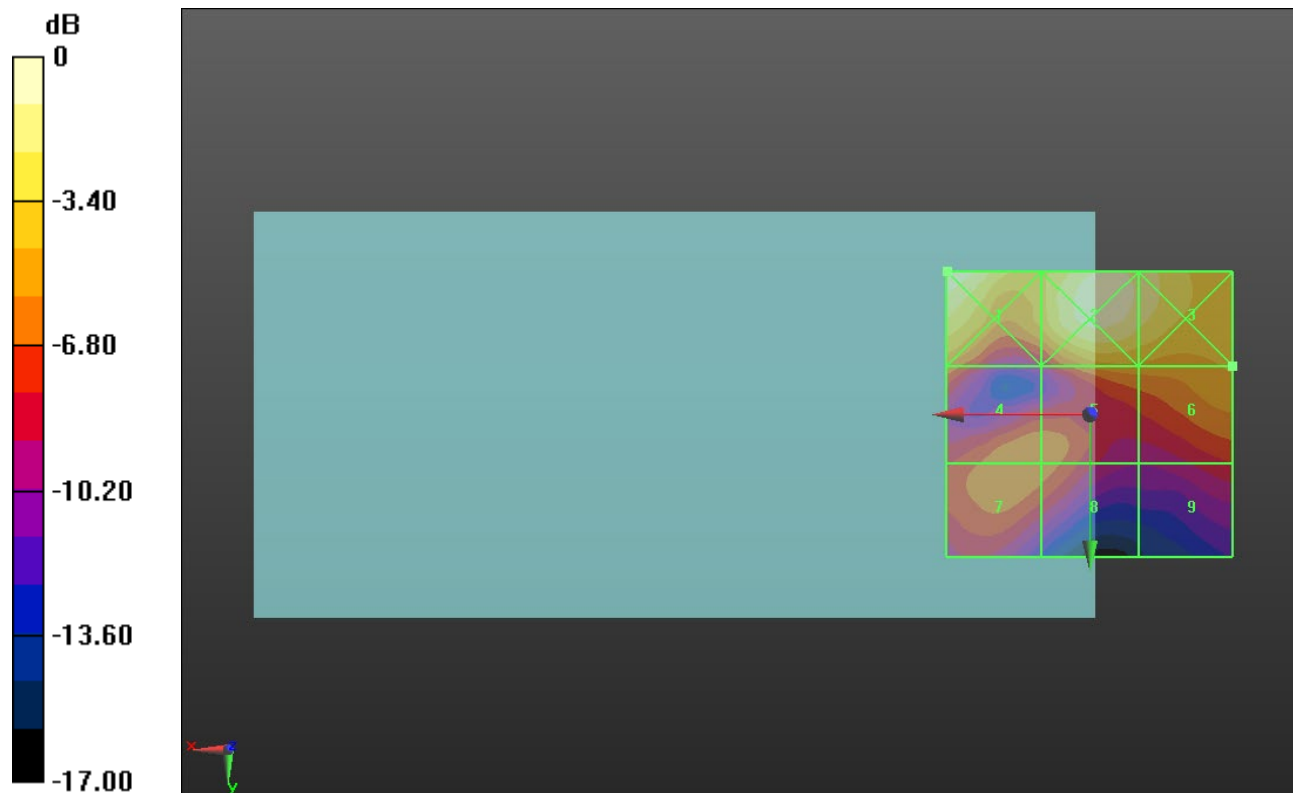
Applied MIF = -3.15 dB

RF audio interference level = 20.03 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 24.38 dBV/m | Grid 2 M4 24.06 dBV/m | Grid 3 M4 23.03 dBV/m |
| Grid 4 M4 18.78 dBV/m | Grid 5 M4 19.64 dBV/m | Grid 6 M4 20.03 dBV/m |
| Grid 7 M4 18.65 dBV/m | Grid 8 M4 18.33 dBV/m | Grid 9 M4 16.45 dBV/m |



0 dB = 16.56 V/m = 24.38 dBV/m

HAC-RF Emission ANT6

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5785 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 157/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 = 12.21 V/m; Power Drift = 0.19 dB

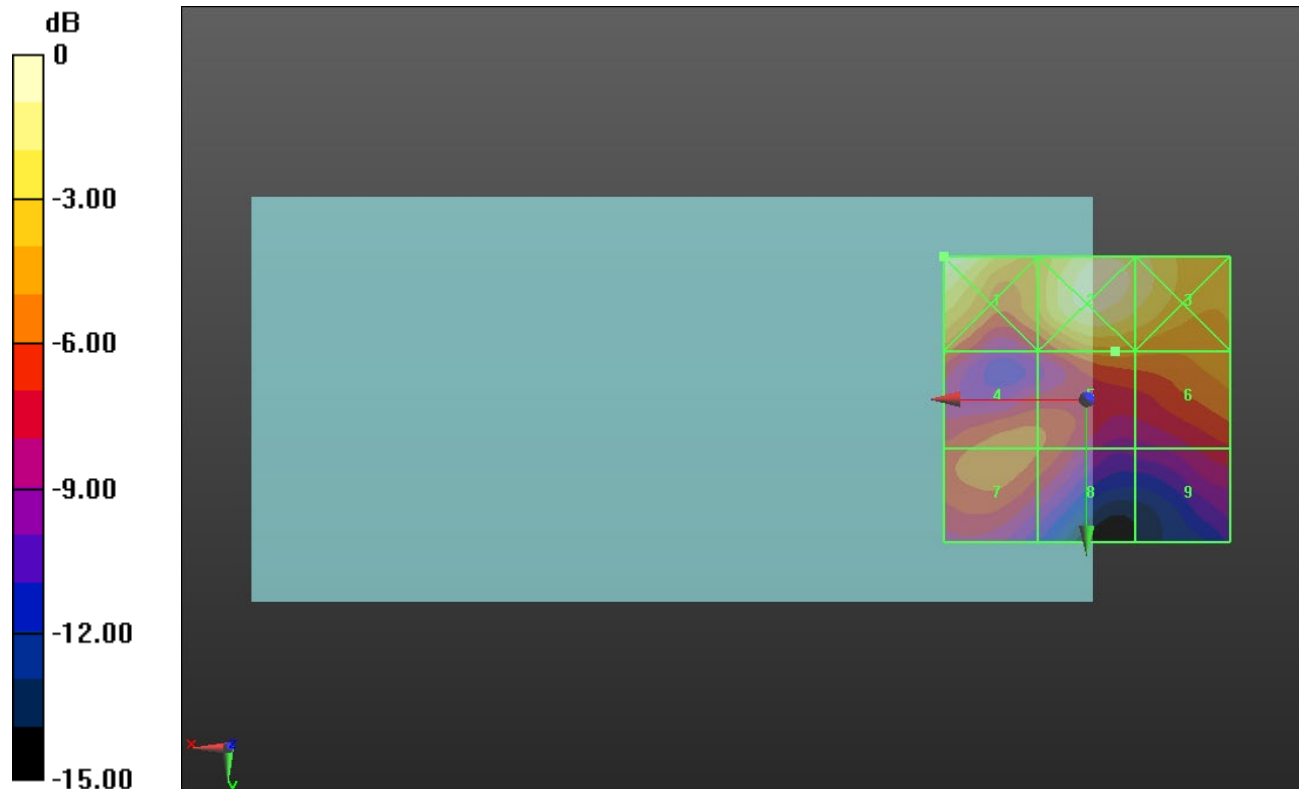
Applied MIF = -3.15 dB

RF audio interference level = 20.53 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 24.83 dBV/m | Grid 2 M4 24.48 dBV/m | Grid 3 M4 23.58 dBV/m |
| Grid 4 M4 19.38 dBV/m | Grid 5 M4 20.53 dBV/m | Grid 6 M4 20.5 dBV/m |
| Grid 7 M4 19.43 dBV/m | Grid 8 M4 18.97 dBV/m | Grid 9 M4 17.72 dBV/m |



0 dB = 17.45 V/m = 24.84 dBV/m

HAC-RF Emission ANT6

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5825 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5825 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 165/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 = 12.69 V/m; Power Drift = 0.08 dB

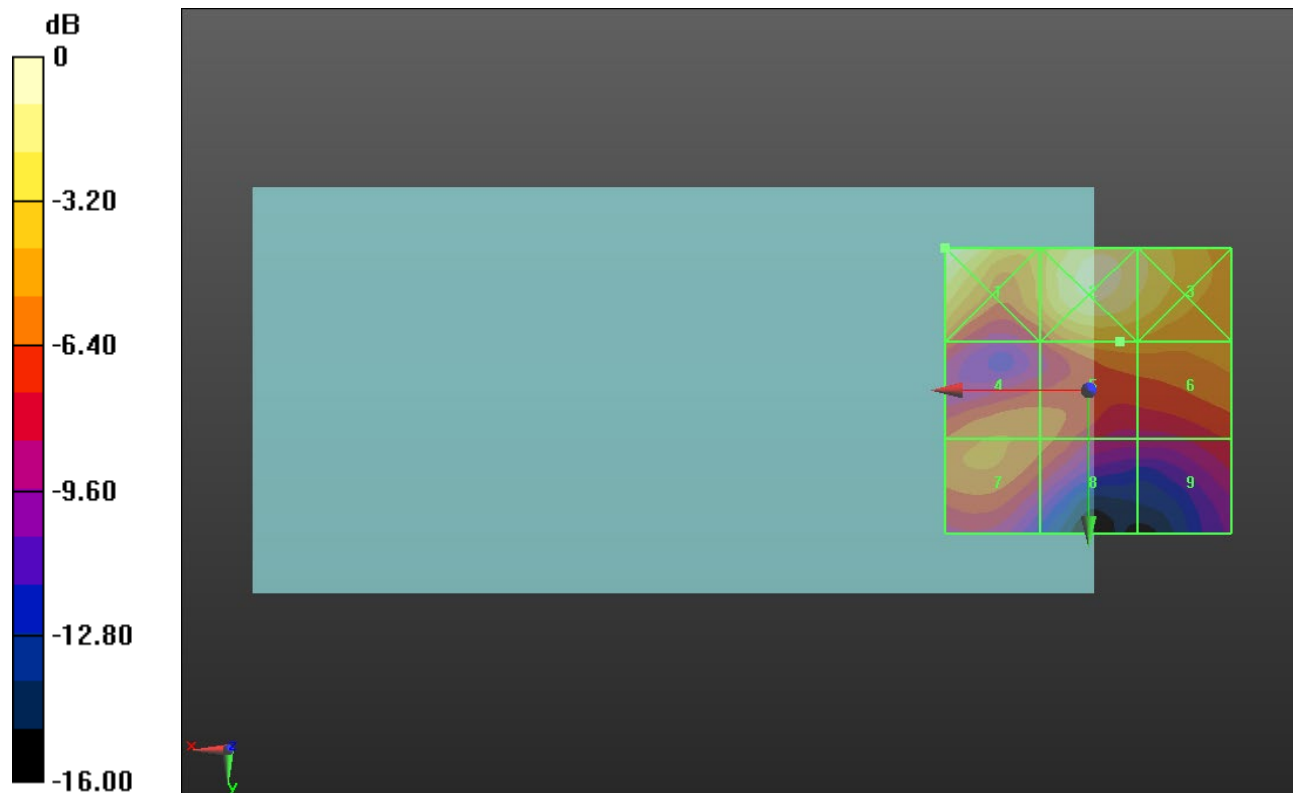
Applied MIF = -3.15 dB

RF audio interference level = 20.73 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 25.13 dBV/m | Grid 2 M4 24.53 dBV/m | Grid 3 M4 23.43 dBV/m |
| Grid 4 M4 19.87 dBV/m | Grid 5 M4 20.73 dBV/m | Grid 6 M4 20.58 dBV/m |
| Grid 7 M4 20.02 dBV/m | Grid 8 M4 19.26 dBV/m | Grid 9 M4 17.87 dBV/m |



0 dB = 18.05 V/m = 25.13 dBV/m

HAC-RF Emission ANT7

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

55340/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 = 9.101 V/m; Power Drift = -0.17 dB

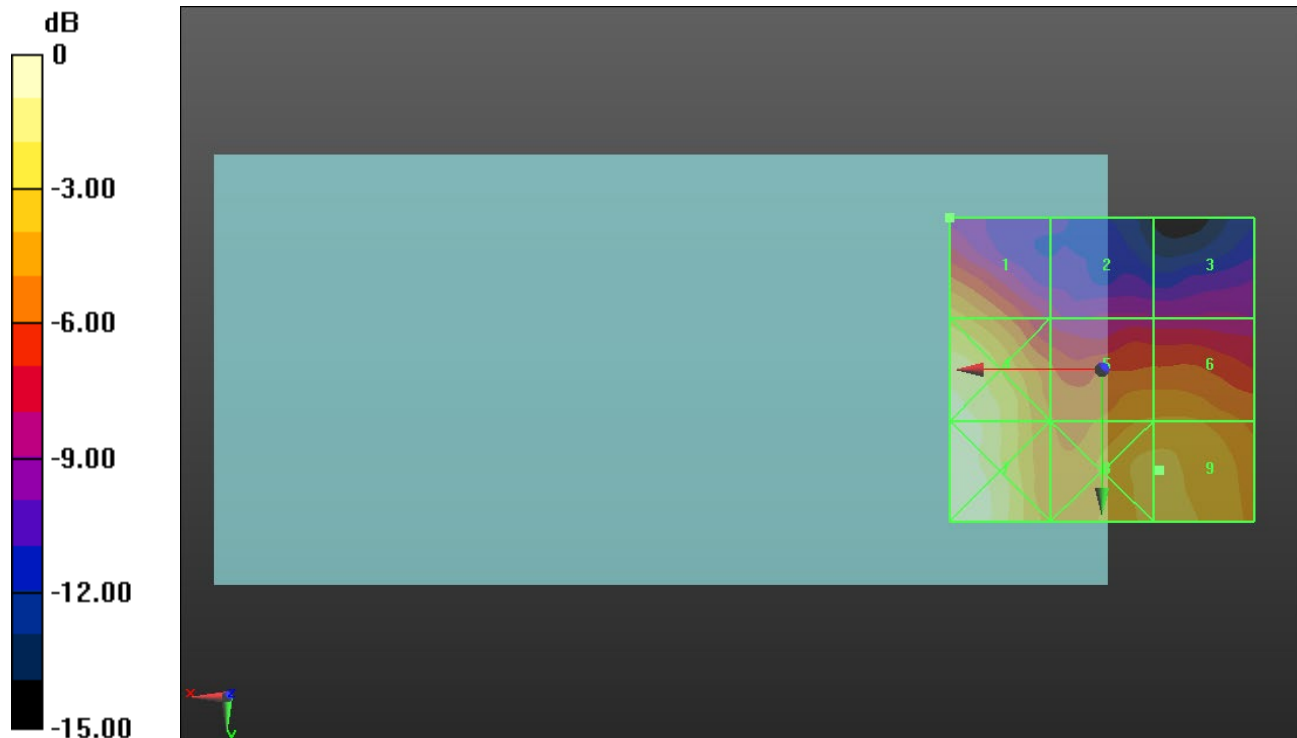
Applied MIF = -1.44 dB

RF audio interference level = 20.46 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 19.73 dBV/m | Grid 2 M4 14.86 dBV/m | Grid 3 M4 14.46 dBV/m |
| Grid 4 M4 22.5 dBV/m | Grid 5 M4 19.24 dBV/m | Grid 6 M4 19.33 dBV/m |
| Grid 7 M4 23.1 dBV/m | Grid 8 M4 20.44 dBV/m | Grid 9 M4 20.46 dBV/m |



0 dB = 14.30 V/m = 23.11 dBV/m

HAC-RF Emission ANT7

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

55773/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 = 9.023 V/m; Power Drift = -0.07 dB

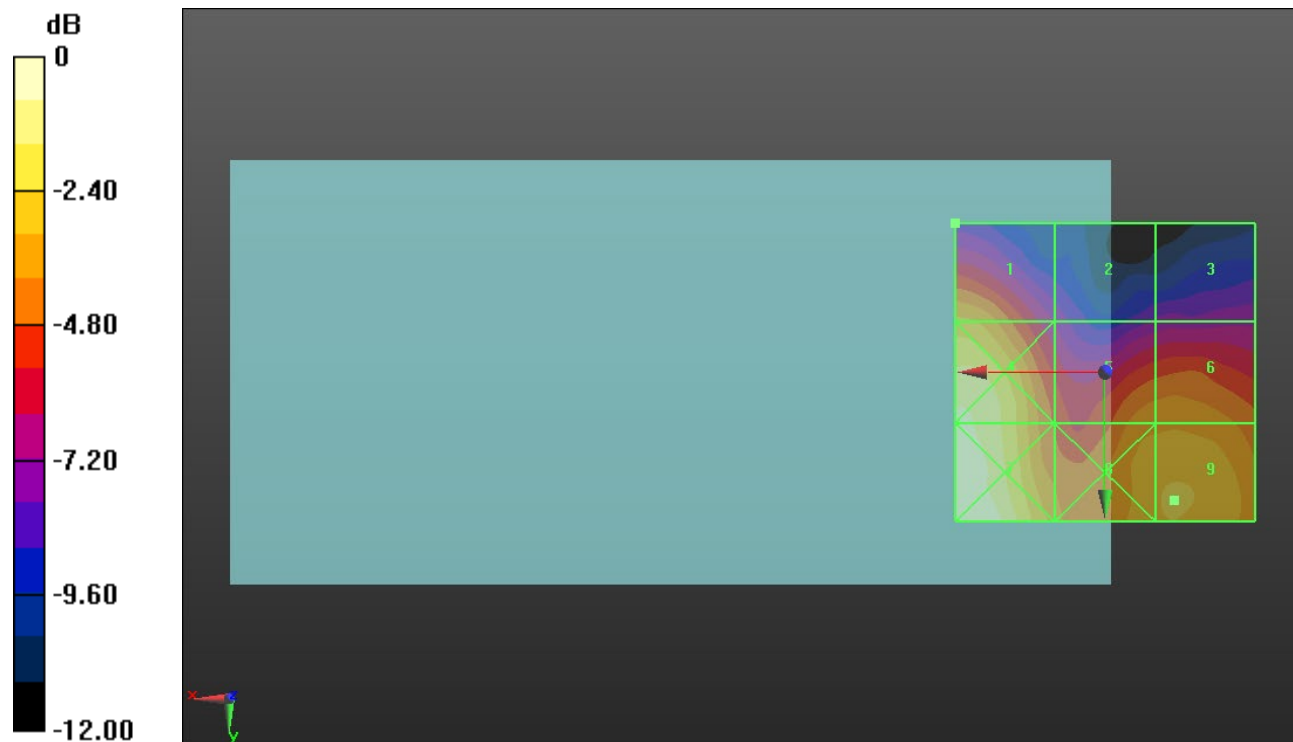
Applied MIF = -1.44 dB

RF audio interference level = 21.00 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 20.32 dBV/m | Grid 2 M4 16.08 dBV/m | Grid 3 M4 15.93 dBV/m |
| Grid 4 M4 22.56 dBV/m | Grid 5 M4 19.91 dBV/m | Grid 6 M4 19.99 dBV/m |
| Grid 7 M4 23.3 dBV/m | Grid 8 M4 20.83 dBV/m | Grid 9 M4 21 dBV/m |



0 dB = 14.62 V/m = 23.30 dBV/m

HAC-RF Emission ANT7

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

56207/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 = 8.690 V/m; Power Drift = 0.10 dB

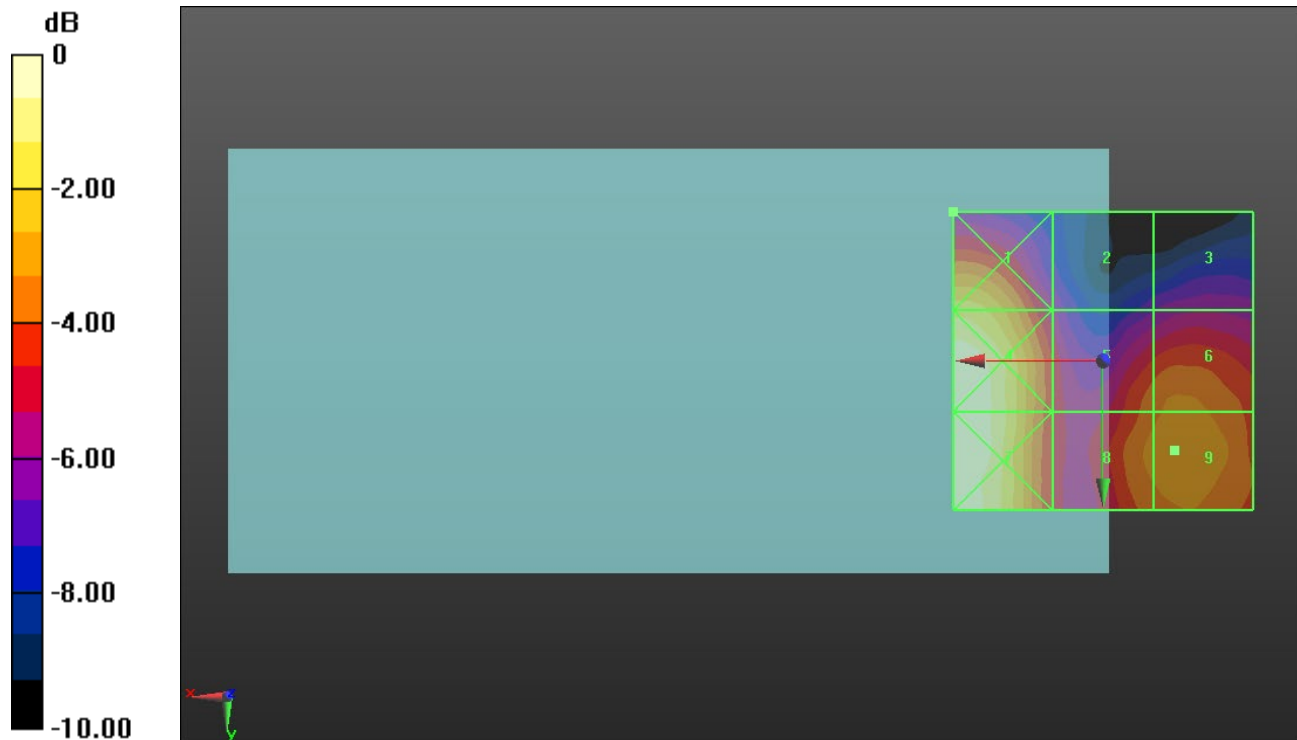
Applied MIF = -1.44 dB

RF audio interference level = 20.14 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 21.43 dBV/m | Grid 2 M4 17.23 dBV/m | Grid 3 M4 17.01 dBV/m |
| Grid 4 M4 23.01 dBV/m | Grid 5 M4 19.53 dBV/m | Grid 6 M4 19.88 dBV/m |
| Grid 7 M4 22.93 dBV/m | Grid 8 M4 19.92 dBV/m | Grid 9 M4 20.14 dBV/m |



0 dB = 14.15 V/m = 23.02 dBV/m

HAC-RF Emission ANT7

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

56640/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 = 8.322 V/m; Power Drift = -0.06 dB

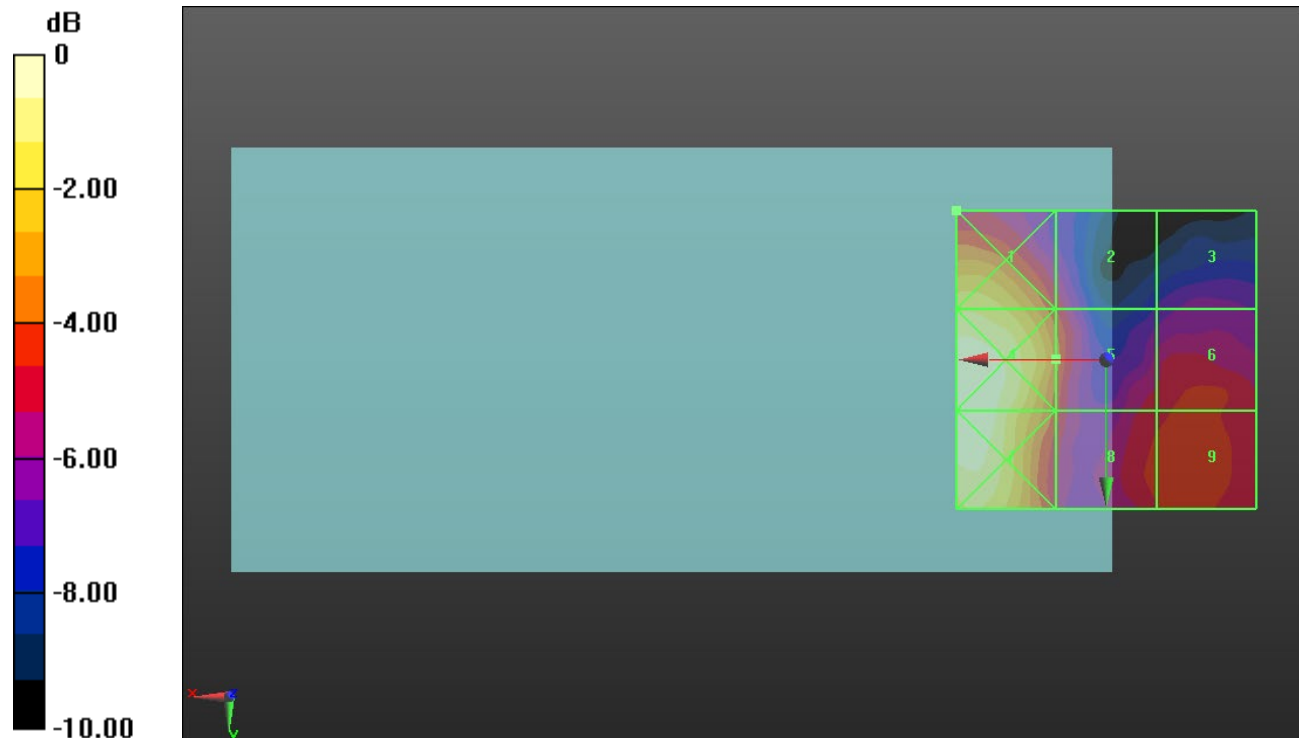
Applied MIF = -1.44 dB

RF audio interference level = 19.69 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 21.84 dBV/m | Grid 2 M4 18.62 dBV/m | Grid 3 M4 16.92 dBV/m |
| Grid 4 M4 23.23 dBV/m | Grid 5 M4 19.69 dBV/m | Grid 6 M4 18.82 dBV/m |
| Grid 7 M4 23.13 dBV/m | Grid 8 M4 18.9 dBV/m | Grid 9 M4 19.04 dBV/m |



0 dB = 14.50 V/m = 23.23 dBV/m

HAC-RF Emission ANT8

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

55340/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 = 28.41 V/m; Power Drift = -0.08 dB

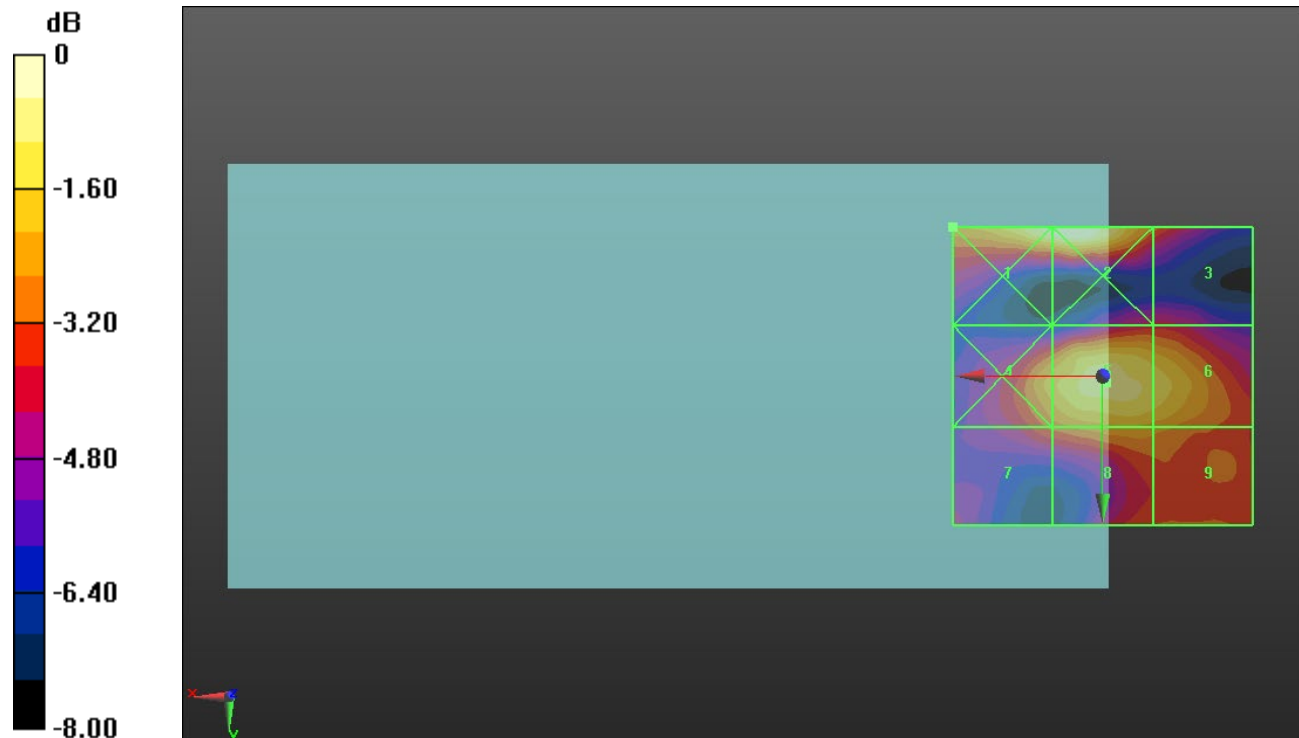
Applied MIF = -1.44 dB

RF audio interference level = 22.33 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 22.76 dBV/m | Grid 2 M4 22.92 dBV/m | Grid 3 M4 20.18 dBV/m |
| Grid 4 M4 21.16 dBV/m | Grid 5 M4 22.33 dBV/m | Grid 6 M4 21.71 dBV/m |
| Grid 7 M4 19.89 dBV/m | Grid 8 M4 20.74 dBV/m | Grid 9 M4 20.56 dBV/m |



0 dB = 14.00 V/m = 22.92 dBV/m

HAC-RF Emission ANT8

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

55773/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 = 26.82 V/m; Power Drift = 0.08 dB

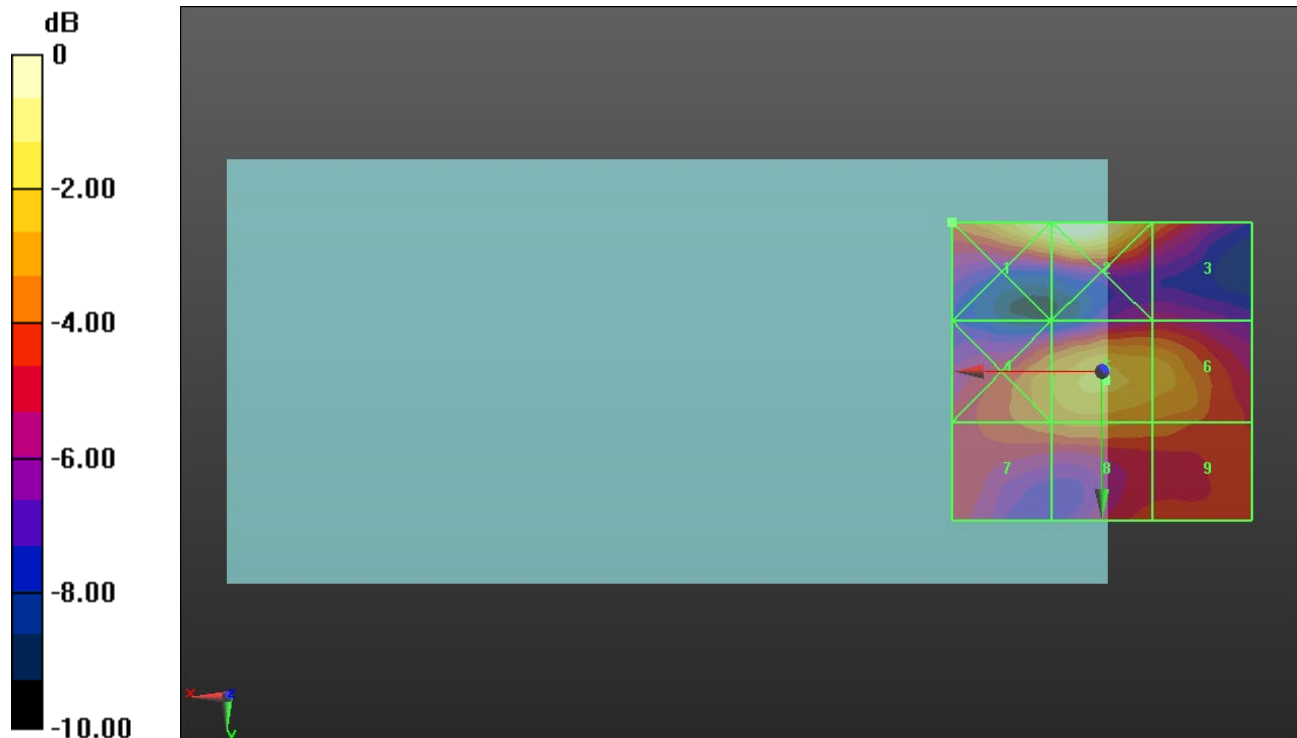
Applied MIF = -1.44 dB

RF audio interference level = 21.92 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 23.07 dBV/m | Grid 2 M4 23.61 dBV/m | Grid 3 M4 20.68 dBV/m |
| Grid 4 M4 21.01 dBV/m | Grid 5 M4 21.92 dBV/m | Grid 6 M4 21.54 dBV/m |
| Grid 7 M4 20.17 dBV/m | Grid 8 M4 20.56 dBV/m | Grid 9 M4 20.19 dBV/m |



0 dB = 15.16 V/m = 23.61 dBV/m

HAC-RF Emission ANT8

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

56207/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 = 26.52 V/m; Power Drift = 0.09 dB

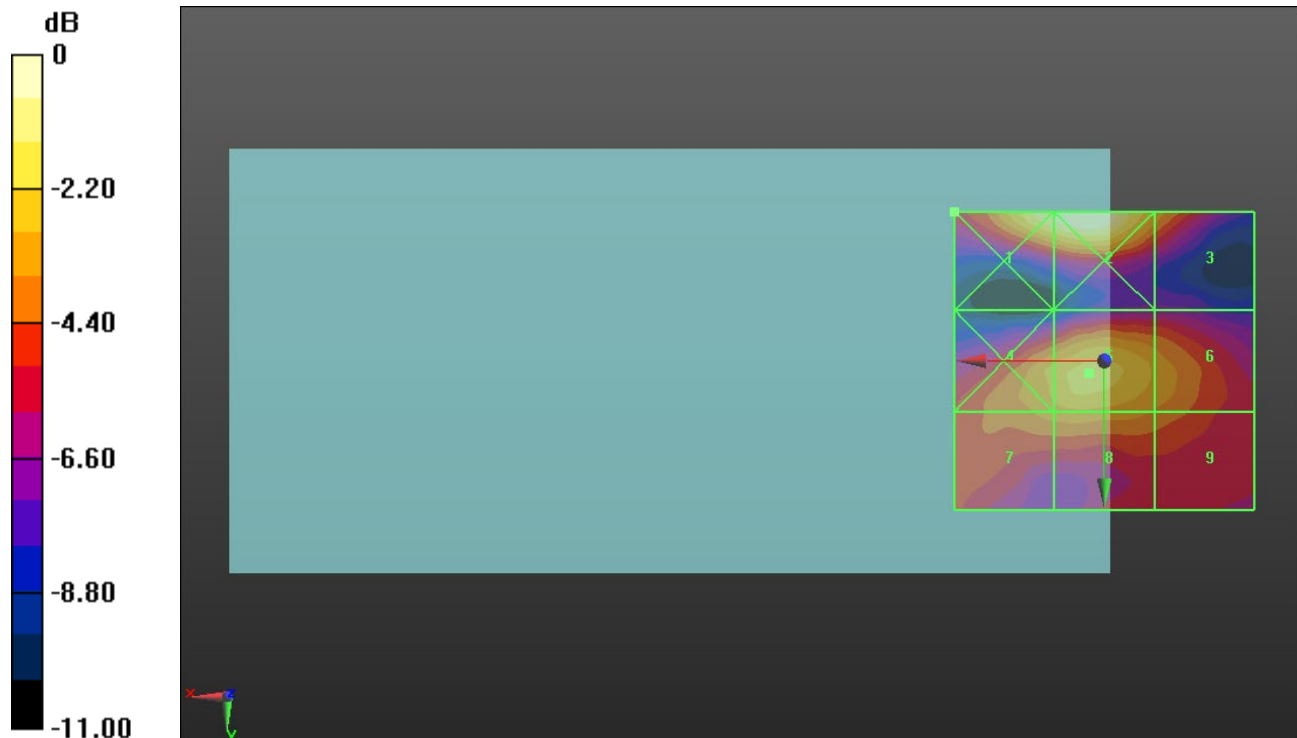
Applied MIF = -1.44 dB

RF audio interference level = 22.29 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 23.59 dBV/m | Grid 2 M4 24.16 dBV/m | Grid 3 M4 21.24 dBV/m |
| Grid 4 M4 21.57 dBV/m | Grid 5 M4 22.29 dBV/m | Grid 6 M4 21.12 dBV/m |
| Grid 7 M4 20.88 dBV/m | Grid 8 M4 21.11 dBV/m | Grid 9 M4 20.36 dBV/m |



0 dB = 16.14 V/m = 24.16 dBV/m

HAC-RF Emission ANT8

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

56640/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 = 27.91 V/m; Power Drift = -0.18 dB

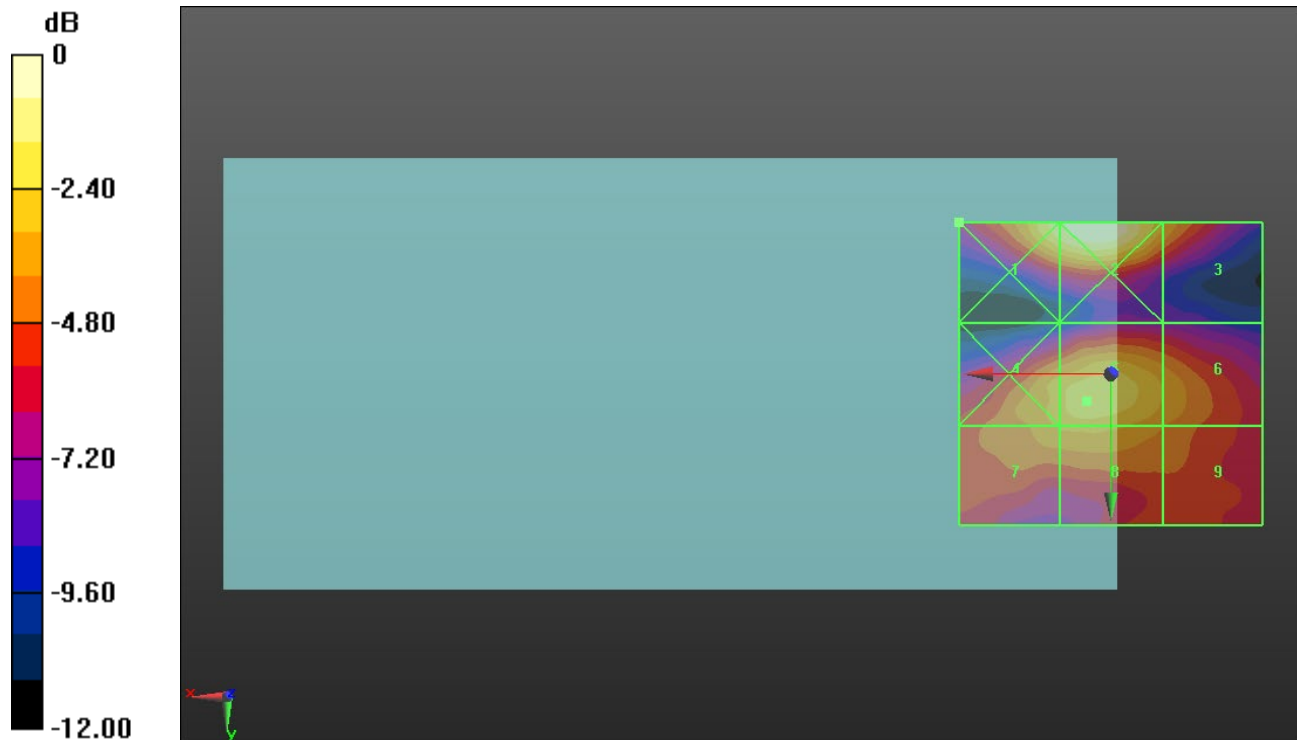
Applied MIF = -1.44 dB

RF audio interference level = 22.80 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 23.56 dBV/m | Grid 2 M4 24.53 dBV/m | Grid 3 M4 21.51 dBV/m |
| Grid 4 M4 21.85 dBV/m | Grid 5 M4 22.8 dBV/m | Grid 6 M4 21.35 dBV/m |
| Grid 7 M4 21.45 dBV/m | Grid 8 M4 21.73 dBV/m | Grid 9 M4 20.62 dBV/m |



0 dB = 16.85 V/m = 24.53 dBV/m

HAC-RF Emission ANT9

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

55340/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 = 5.582 V/m; Power Drift = -0.10 dB

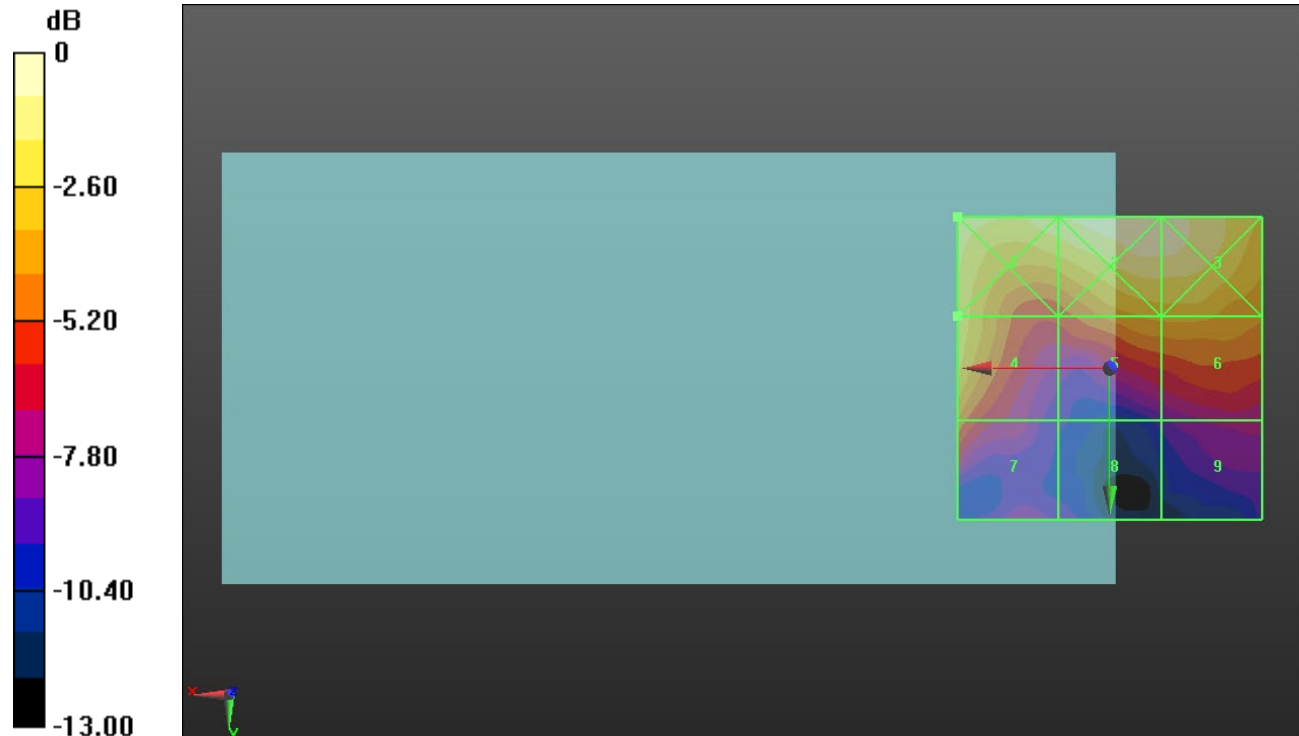
Applied MIF = -1.44 dB

RF audio interference level = 18.26 dBV/m

Emission category: **M4**

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 19.29 dBV/m | Grid 2 M4 20.12 dBV/m | Grid 3 M4 19.79 dBV/m |
| Grid 4 M4 18.26 dBV/m | Grid 5 M4 16.88 dBV/m | Grid 6 M4 16.94 dBV/m |
| Grid 7 M4 15.76 dBV/m | Grid 8 M4 11.4 dBV/m | Grid 9 M4 12.77 dBV/m |



0 dB = 10.13 V/m = 20.11 dBV/m

HAC-RF Emission ANT9

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

55773/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 = 5.789 V/m; Power Drift = 0.10 dB

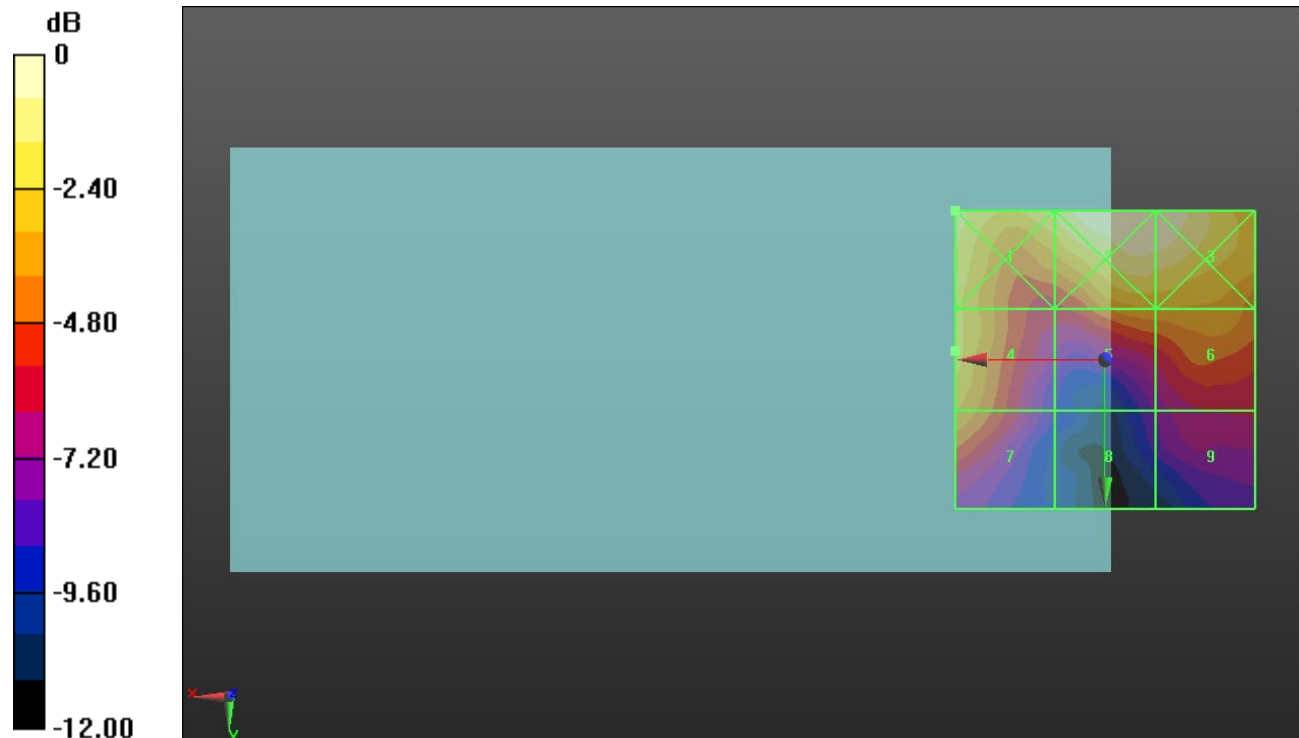
Applied MIF = -1.44 dB

RF audio interference level = 19.17 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 20.21 dBV/m | Grid 2 M4 21.15 dBV/m | Grid 3 M4 20.94 dBV/m |
| Grid 4 M4 19.17 dBV/m | Grid 5 M4 17.87 dBV/m | Grid 6 M4 17.91 dBV/m |
| Grid 7 M4 18.05 dBV/m | Grid 8 M4 13.39 dBV/m | Grid 9 M4 14.94 dBV/m |



0 dB = 11.42 V/m = 21.15 dBV/m

HAC-RF Emission ANT9

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

56207/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 = 6.138 V/m; Power Drift = 0.11 dB

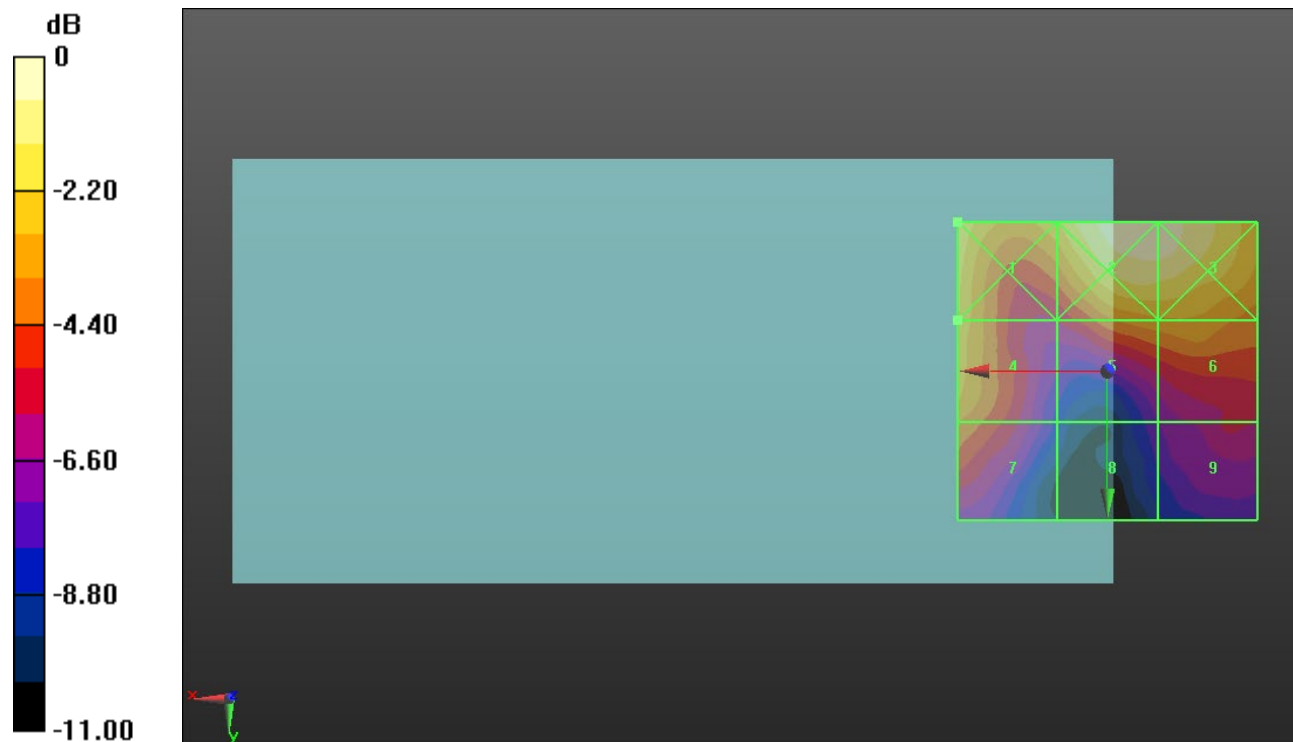
Applied MIF = -1.44 dB

RF audio interference level = 19.21 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 20.06 dBV/m | Grid 2 M4 21.42 dBV/m | Grid 3 M4 21.12 dBV/m |
| Grid 4 M4 19.21 dBV/m | Grid 5 M4 18.32 dBV/m | Grid 6 M4 18.44 dBV/m |
| Grid 7 M4 17.78 dBV/m | Grid 8 M4 14.12 dBV/m | Grid 9 M4 15.69 dBV/m |



0 dB = 11.77 V/m = 21.42 dBV/m

HAC-RF Emission ANT9

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch.

56640/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 = 7.443 V/m; Power Drift = -0.05 dB

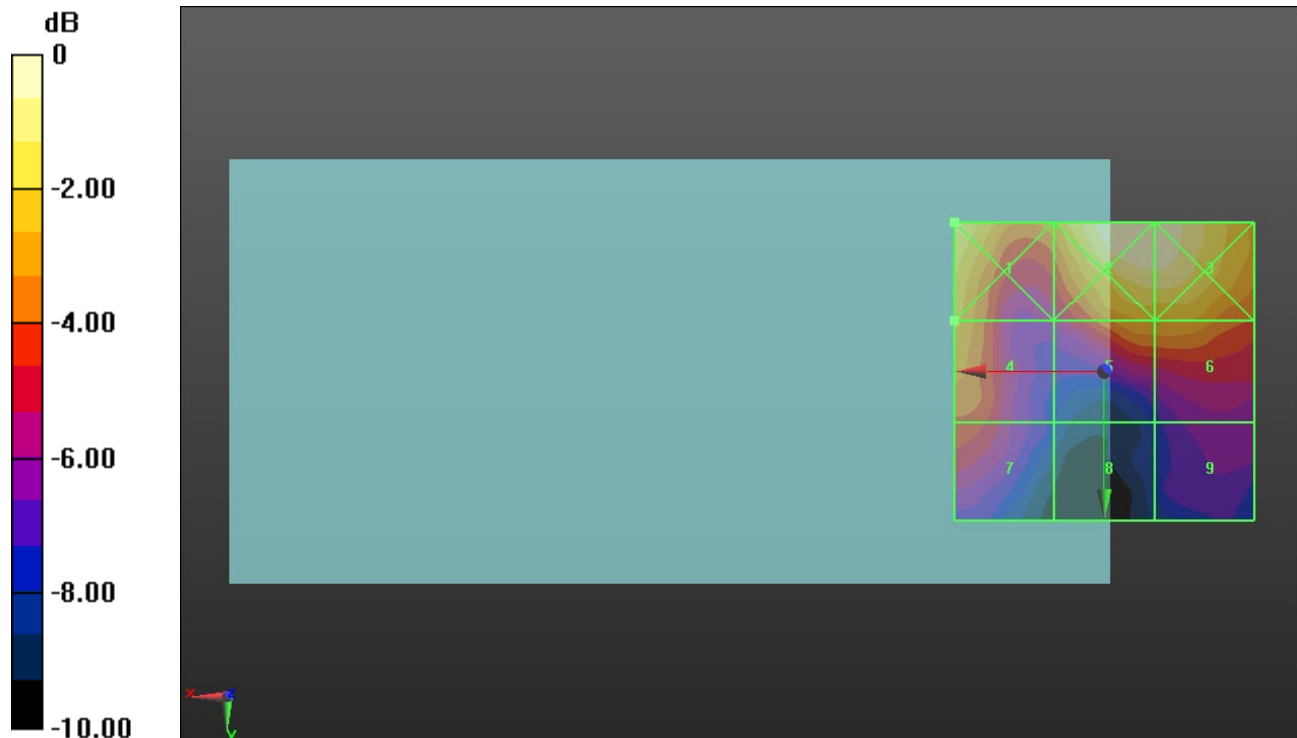
Applied MIF = -1.44 dB

RF audio interference level = 19.80 dBV/m

Emission category: M4

MIF scaled E-field

| | | |
|--|--|--|
| Grid 1 M4 21.39 dBV/m | Grid 2 M4 22.28 dBV/m | Grid 3 M4 22.22 dBV/m |
| Grid 4 M4 19.8 dBV/m | Grid 5 M4 19.64 dBV/m | Grid 6 M4 19.62 dBV/m |
| Grid 7 M4 18.15 dBV/m | Grid 8 M4 14.68 dBV/m | Grid 9 M4 16.15 dBV/m |



0 dB = 13.01 V/m = 22.29 dBV/m