

## GSM 850 ANT 1

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 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 = 37.55 V/m; Power Drift = -0.34 dB

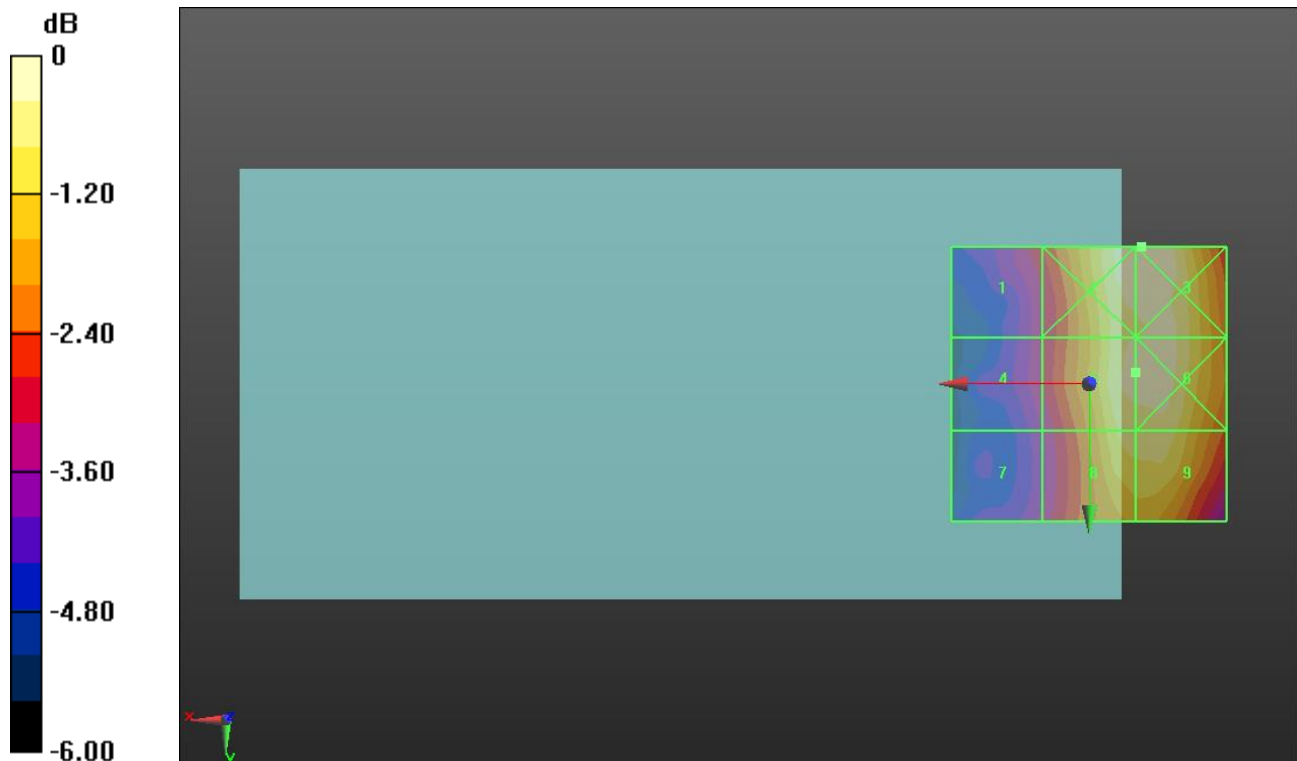
Applied MIF = 3.63 dB

RF audio interference level = 33.76 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>31.24 dBV/m</b> | Grid 2 <b>M4</b><br><b>34.01 dBV/m</b> | Grid 3 <b>M4</b><br><b>34.03 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>30.87 dBV/m</b> | Grid 5 <b>M4</b><br><b>33.76 dBV/m</b> | Grid 6 <b>M4</b><br><b>33.85 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>30.61 dBV/m</b> | Grid 8 <b>M4</b><br><b>33.42 dBV/m</b> | Grid 9 <b>M4</b><br><b>33.48 dBV/m</b> |



0 dB = 50.30 V/m = 34.03 dBV/m

**GSM 850 ANT 1**

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**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 = 36.27 V/m; Power Drift = -0.51 dB

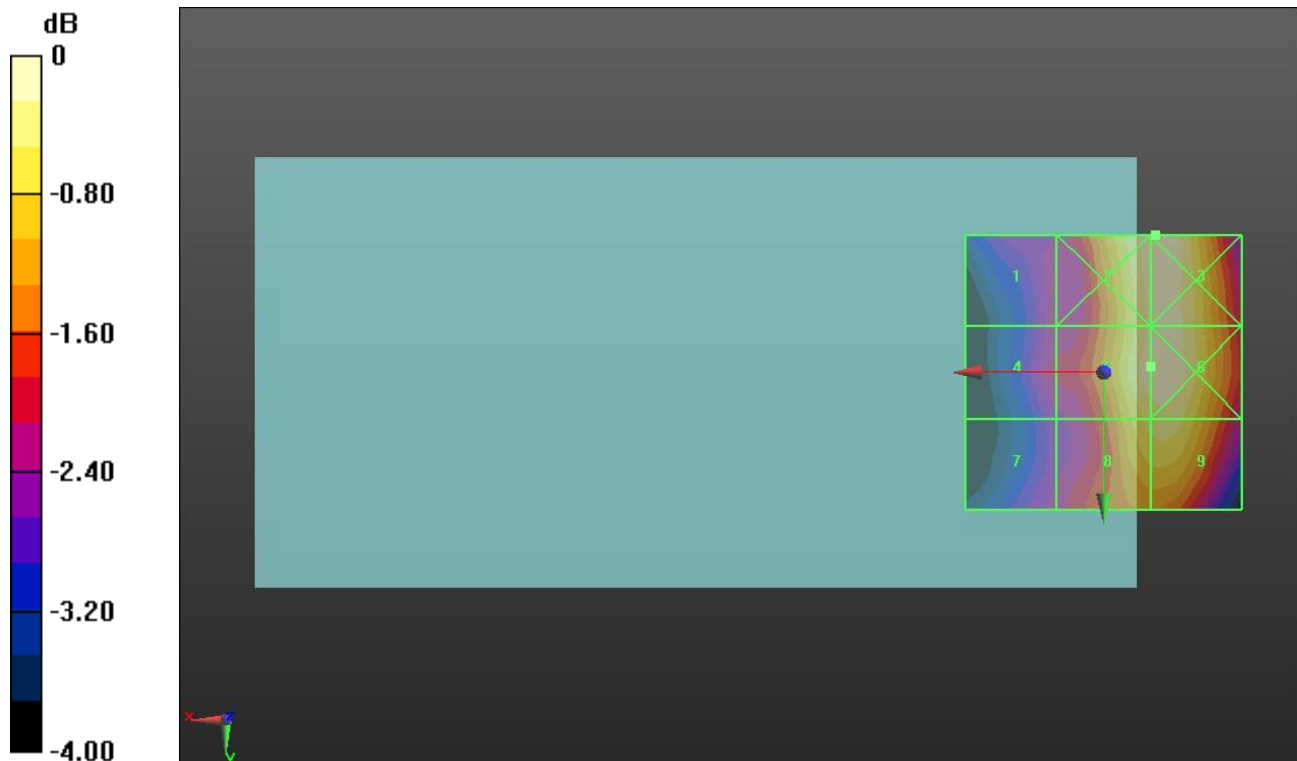
Applied MIF = 3.63 dB

RF audio interference level = 32.71 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>30.54 dBV/m</b> | Grid 2 <b>M4</b><br><b>32.77 dBV/m</b> | Grid 3 <b>M4</b><br><b>32.8 dBV/m</b>  |
| Grid 4 <b>M4</b><br><b>30.76 dBV/m</b> | Grid 5 <b>M4</b><br><b>32.71 dBV/m</b> | Grid 6 <b>M4</b><br><b>32.78 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>30.57 dBV/m</b> | Grid 8 <b>M4</b><br><b>32.37 dBV/m</b> | Grid 9 <b>M4</b><br><b>32.44 dBV/m</b> |



0 dB = 43.64 V/m = 32.80 dBV/m

**GSM 850 ANT 1**

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**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 = 36.88 V/m; Power Drift = 0.26 dB

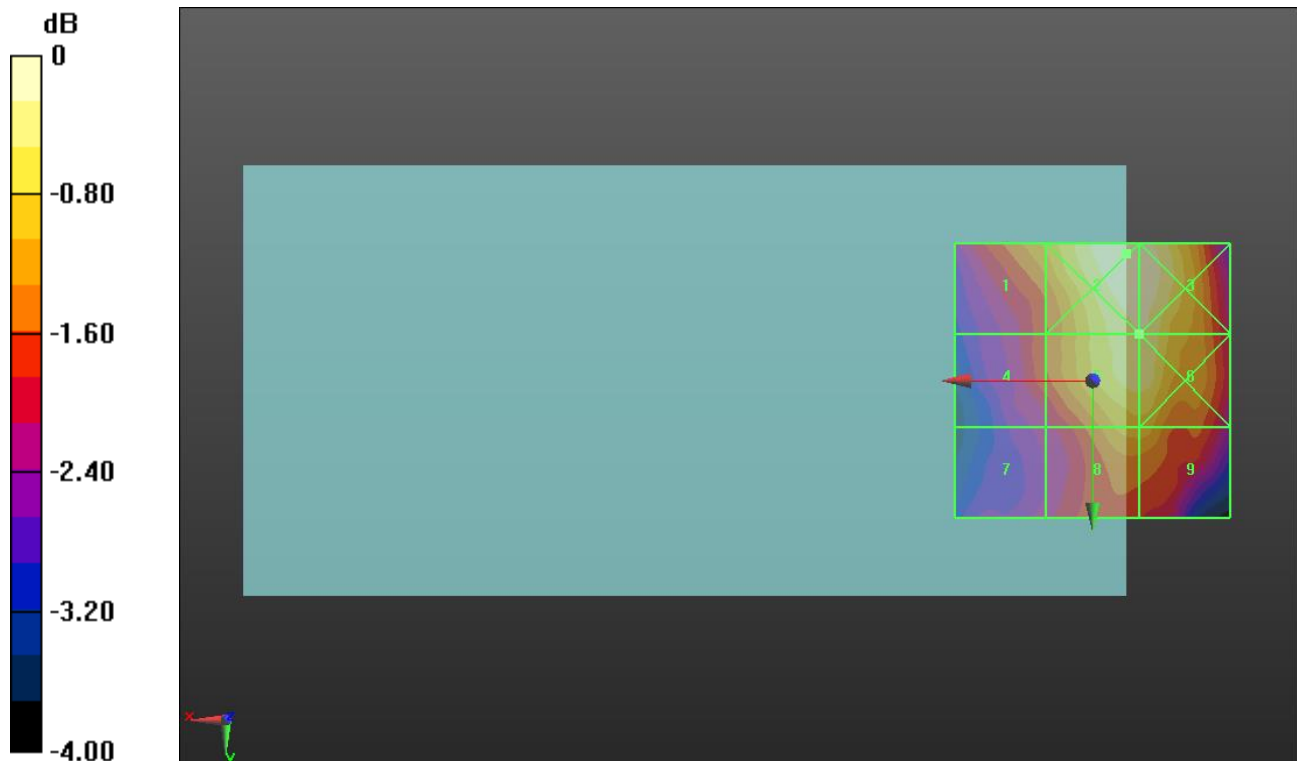
Applied MIF = 3.63 dB

RF audio interference level = 32.34 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>31.62 dBV/m</b> | Grid 2 <b>M4</b><br><b>32.61 dBV/m</b> | Grid 3 <b>M4</b><br><b>32.59 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>31.03 dBV/m</b> | Grid 5 <b>M4</b><br><b>32.34 dBV/m</b> | Grid 6 <b>M4</b><br><b>32.34 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>30.39 dBV/m</b> | Grid 8 <b>M4</b><br><b>31.68 dBV/m</b> | Grid 9 <b>M4</b><br><b>31.67 dBV/m</b> |



0 dB = 42.70 V/m = 32.61 dBV/m

**GSM 1900 ANT 1**

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**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 = 13.21 V/m; Power Drift = -0.25 dB

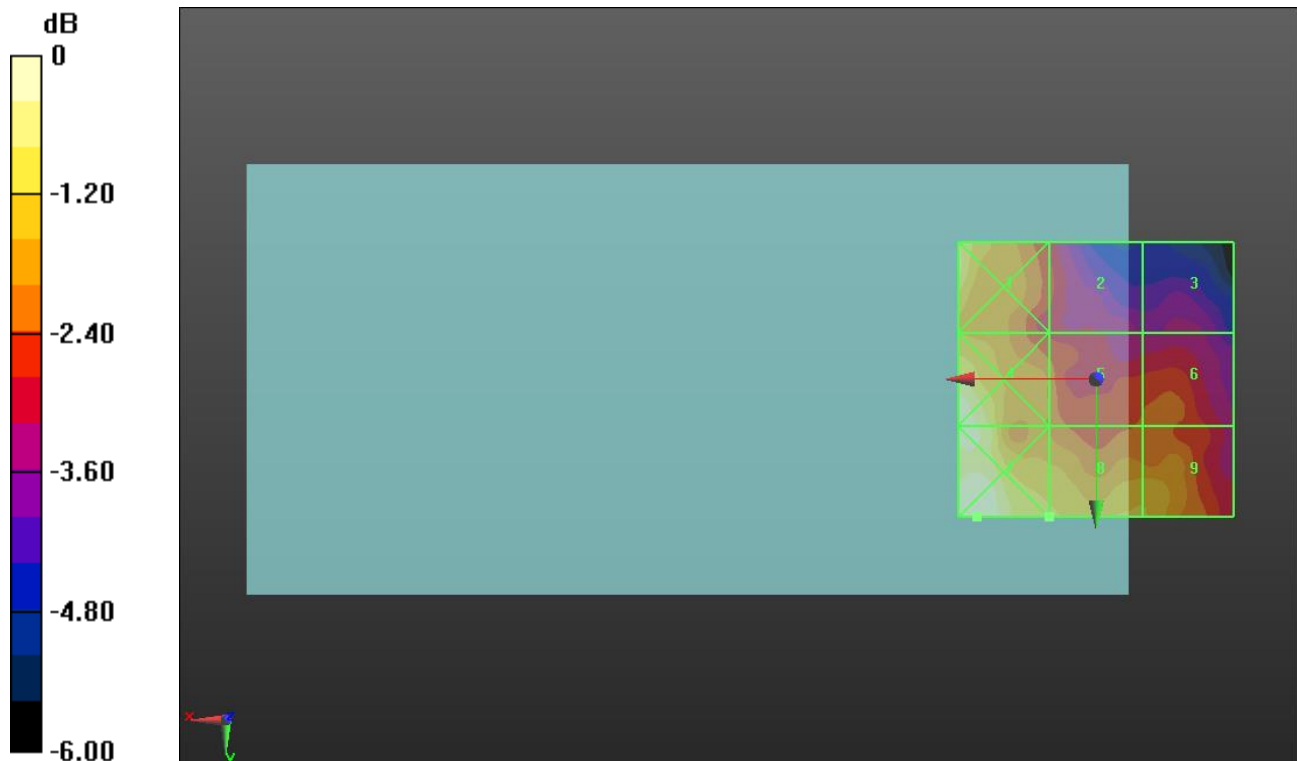
Applied MIF = 3.63 dB

RF audio interference level = 25.46 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>25.93 dBV/m</b> | Grid 2 <b>M4</b><br><b>23.89 dBV/m</b> | Grid 3 <b>M4</b><br><b>23.15 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>26.4 dBV/m</b>  | Grid 5 <b>M4</b><br><b>24.53 dBV/m</b> | Grid 6 <b>M4</b><br><b>24.31 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>26.52 dBV/m</b> | Grid 8 <b>M4</b><br><b>25.46 dBV/m</b> | Grid 9 <b>M4</b><br><b>25.35 dBV/m</b> |



0 dB = 21.17 V/m = 26.51 dBV/m

**GSM 1900 ANT 1**

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**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 = 14.34 V/m; Power Drift = 0.15 dB

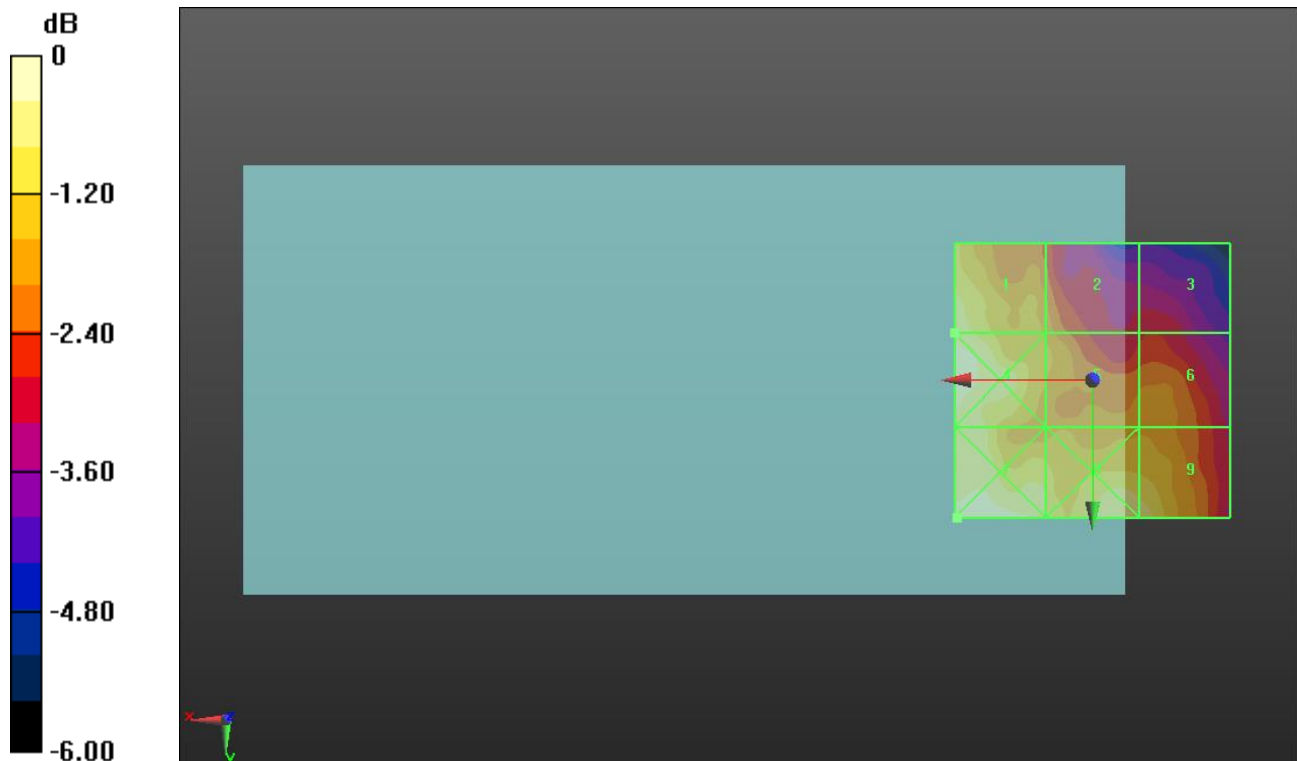
Applied MIF = 3.63 dB

RF audio interference level = 26.29 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>26.29 dBV/m</b> | Grid 2 <b>M4</b><br><b>25.12 dBV/m</b> | Grid 3 <b>M4</b><br><b>24.01 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>26.59 dBV/m</b> | Grid 5 <b>M4</b><br><b>25.32 dBV/m</b> | Grid 6 <b>M4</b><br><b>25.11 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>26.78 dBV/m</b> | Grid 8 <b>M4</b><br><b>26.34 dBV/m</b> | Grid 9 <b>M4</b><br><b>26.27 dBV/m</b> |



0 dB = 21.84 V/m = 26.79 dBV/m

## GSM 1900 ANT 1

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 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 = 15.72 V/m; Power Drift = -0.35 dB

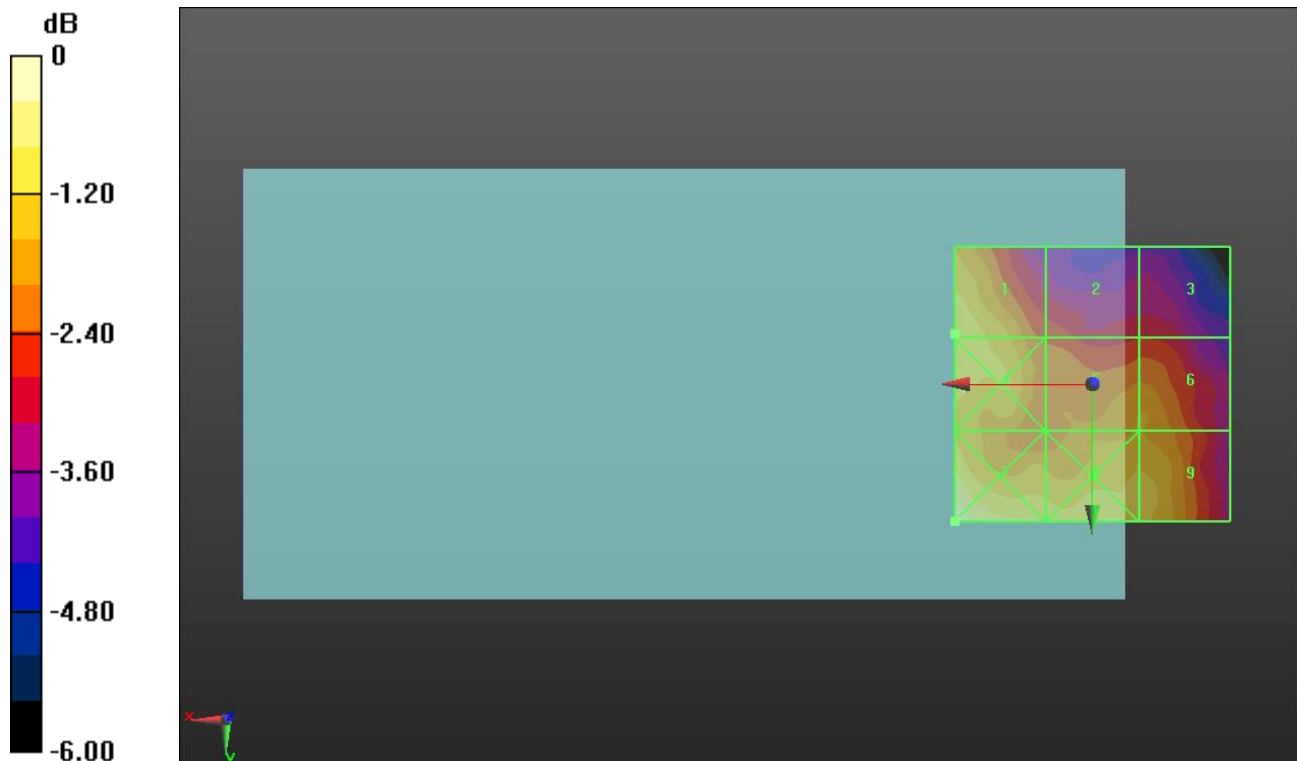
Applied MIF = 3.63 dB

RF audio interference level = 26.62 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>26.62 dBV/m</b> | Grid 2 <b>M4</b><br><b>24.94 dBV/m</b> | Grid 3 <b>M4</b><br><b>24.6 dBV/m</b>  |
| Grid 4 <b>M4</b><br><b>26.61 dBV/m</b> | Grid 5 <b>M4</b><br><b>25.84 dBV/m</b> | Grid 6 <b>M4</b><br><b>25.85 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>27.42 dBV/m</b> | Grid 8 <b>M4</b><br><b>26.68 dBV/m</b> | Grid 9 <b>M4</b><br><b>26.47 dBV/m</b> |



0 dB = 23.49 V/m = 27.42 dBV/m

**CDMA2000 BC0 ANT 1**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 824.7 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**CDMA2000 BC0 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.**

**1013/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 = 18.71 V/m; Power Drift = -0.17 dB

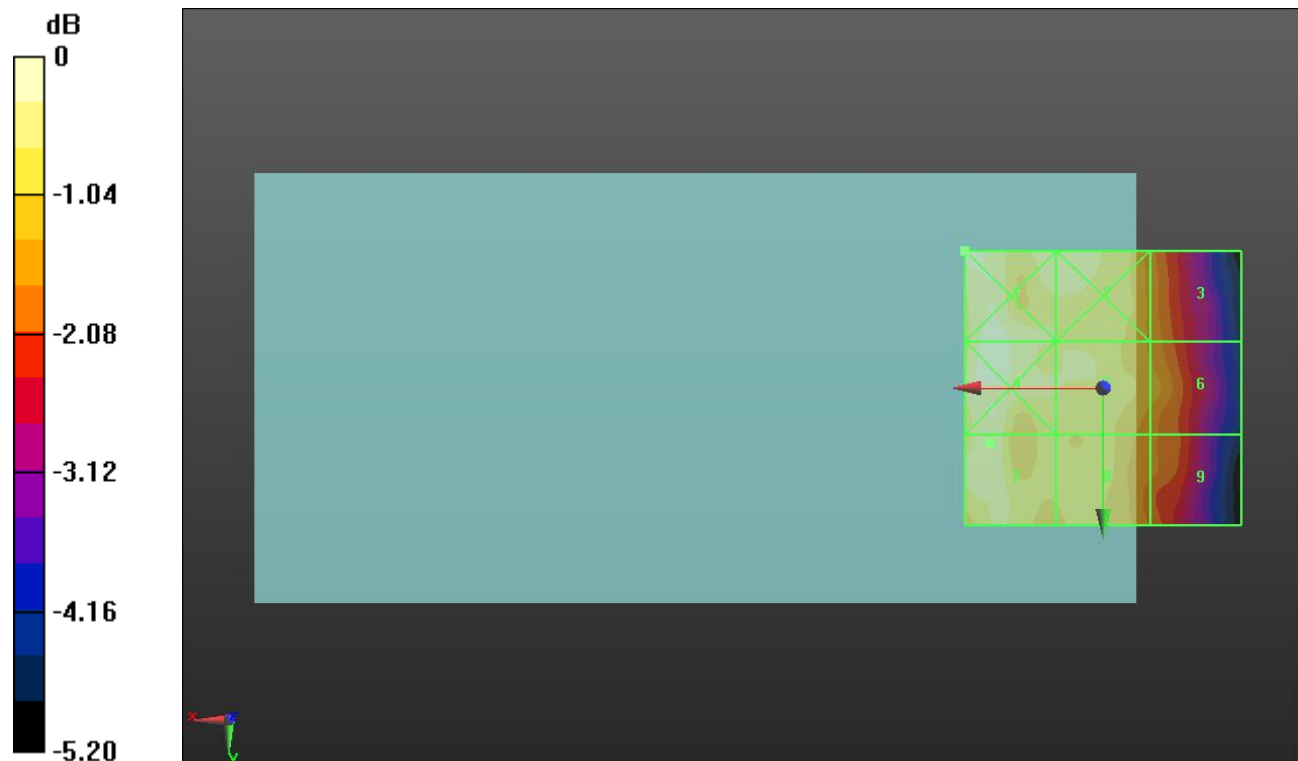
Applied MIF = 3.26 dB

RF audio interference level = 25.73 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>26.09 dBV/m</b> | Grid 2 <b>M4</b><br><b>25.77 dBV/m</b> | Grid 3 <b>M4</b><br><b>24.65 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>26.08 dBV/m</b> | Grid 5 <b>M4</b><br><b>25.48 dBV/m</b> | Grid 6 <b>M4</b><br><b>24.94 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>25.73 dBV/m</b> | Grid 8 <b>M4</b><br><b>25.36 dBV/m</b> | Grid 9 <b>M4</b><br><b>24.51 dBV/m</b> |



0 dB = 20.16 V/m = 26.09 dBV/m

**CDMA2000 BC0 ANT 1**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 836.52 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**CDMA2000 BC0 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.**

**384/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 = 16.78 V/m; Power Drift = 0.14 dB

Applied MIF = 3.26 dB

RF audio interference level = 25.56 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>25.83 dBV/m</b> | Grid 2 <b>M4</b><br><b>25.44 dBV/m</b> | Grid 3 <b>M4</b><br><b>24.15 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>25.96 dBV/m</b> | Grid 5 <b>M4</b><br><b>25.56 dBV/m</b> | Grid 6 <b>M4</b><br><b>24.31 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>25.45 dBV/m</b> | Grid 8 <b>M4</b><br><b>25.01 dBV/m</b> | Grid 9 <b>M4</b><br><b>24.05 dBV/m</b> |



0 dB = 19.85 V/m = 25.96 dBV/m



**CDMA2000 BC0 ANT 1**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 848.31 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**CDMA2000 BC0 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.**

**777/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 = 15.07 V/m; Power Drift = 0.15 dB

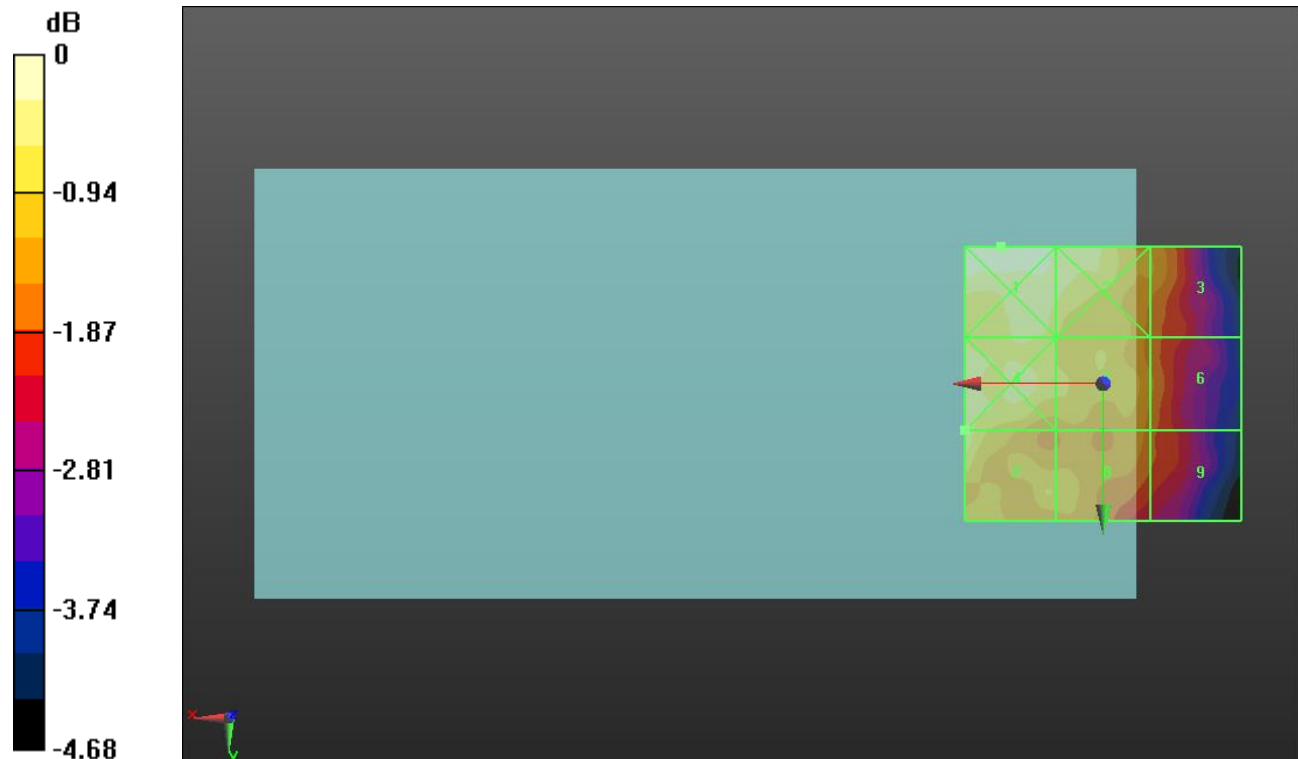
Applied MIF = 3.26 dB

RF audio interference level = 24.91 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>25.28 dBV/m</b> | Grid 2 <b>M4</b><br><b>24.96 dBV/m</b> | Grid 3 <b>M4</b><br><b>24.08 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>25 dBV/m</b>    | Grid 5 <b>M4</b><br><b>24.47 dBV/m</b> | Grid 6 <b>M4</b><br><b>23.81 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>24.91 dBV/m</b> | Grid 8 <b>M4</b><br><b>24.31 dBV/m</b> | Grid 9 <b>M4</b><br><b>23.58 dBV/m</b> |



0 dB = 18.37 V/m = 25.28 dBV/m

**CDMA2000 BC1 ANT 1**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1851.25 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**CDMA2000 BC1 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.**

**25/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 = 11.52 V/m; Power Drift = 0.17 dB

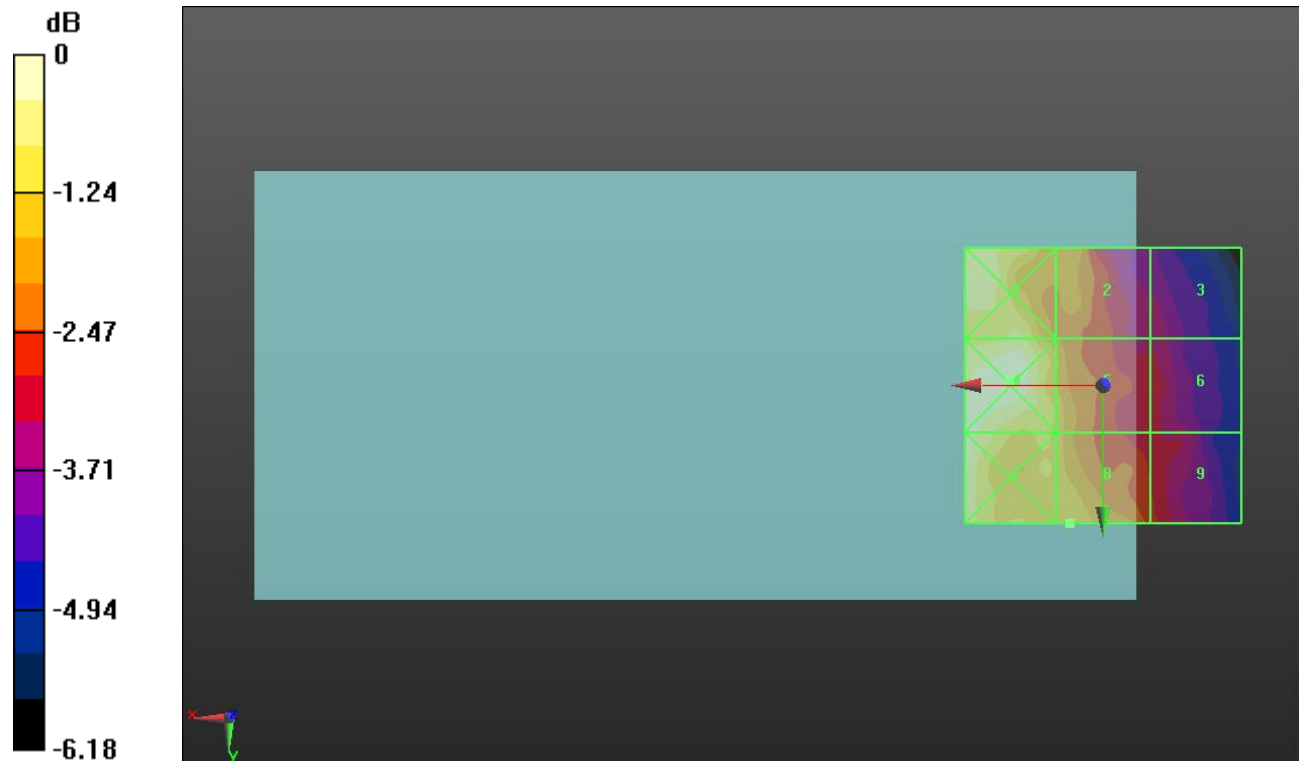
Applied MIF = 3.26 dB

RF audio interference level = 23.86 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>24.6 dBV/m</b>  | Grid 2 <b>M4</b><br><b>23.53 dBV/m</b> | Grid 3 <b>M4</b><br><b>21.79 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>25.14 dBV/m</b> | Grid 5 <b>M4</b><br><b>23.85 dBV/m</b> | Grid 6 <b>M4</b><br><b>22.15 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>24.98 dBV/m</b> | Grid 8 <b>M4</b><br><b>23.86 dBV/m</b> | Grid 9 <b>M4</b><br><b>22.5 dBV/m</b>  |



0 dB = 18.07 V/m = 25.14 dBV/m

**CDMA2000 BC1 ANT 1**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**CDMA2000 BC1 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.**

**600/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 = 12.28 V/m; Power Drift = 0.15 dB

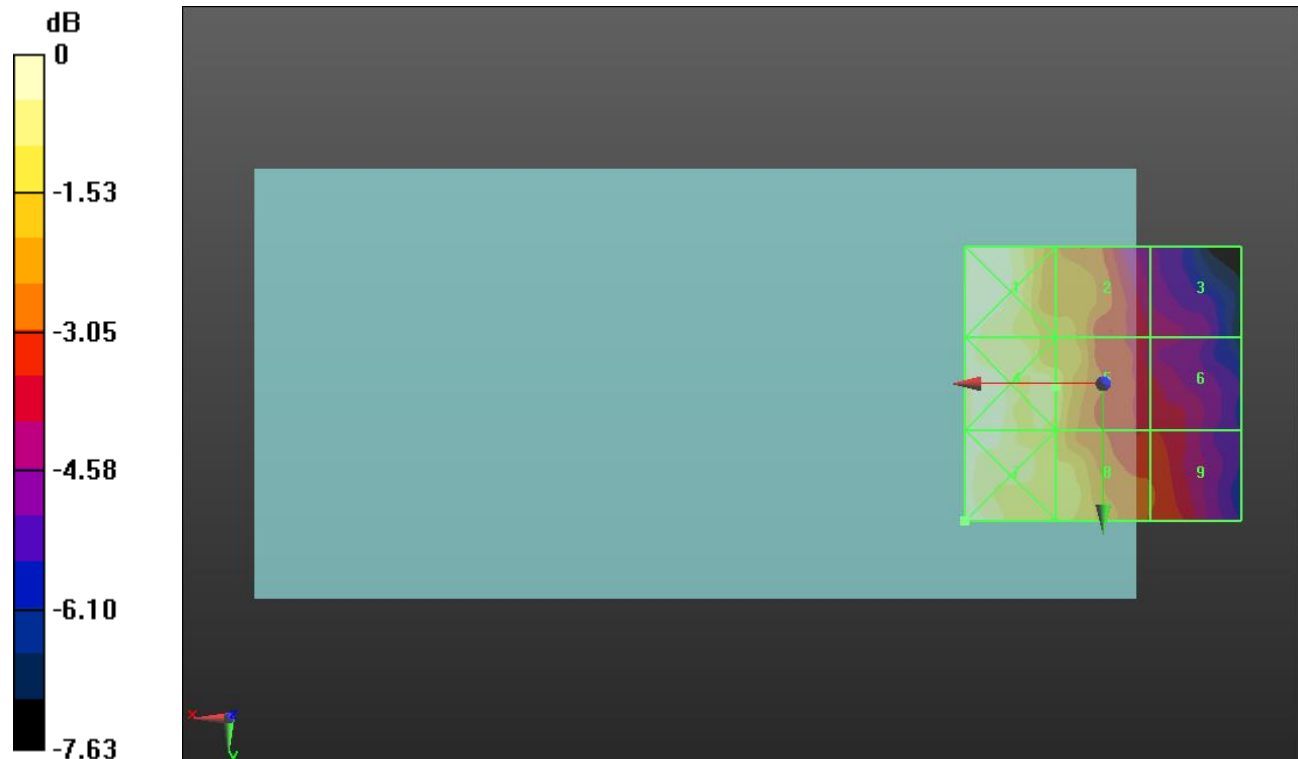
Applied MIF = 3.26 dB

RF audio interference level = 23.55 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>24.48 dBV/m</b> | Grid 2 <b>M4</b><br><b>22.86 dBV/m</b> | Grid 3 <b>M4</b><br><b>20.56 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>24.6 dBV/m</b>  | Grid 5 <b>M4</b><br><b>23.55 dBV/m</b> | Grid 6 <b>M4</b><br><b>21.1 dBV/m</b>  |
| Grid 7 <b>M4</b><br><b>24.63 dBV/m</b> | Grid 8 <b>M4</b><br><b>23.38 dBV/m</b> | Grid 9 <b>M4</b><br><b>21.67 dBV/m</b> |



0 dB = 17.04 V/m = 24.63 dBV/m

**CDMA2000 BC1 ANT 1**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1908.75 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**CDMA2000 BC1 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.**

**1175/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 = 12.30 V/m; Power Drift = 0.11 dB

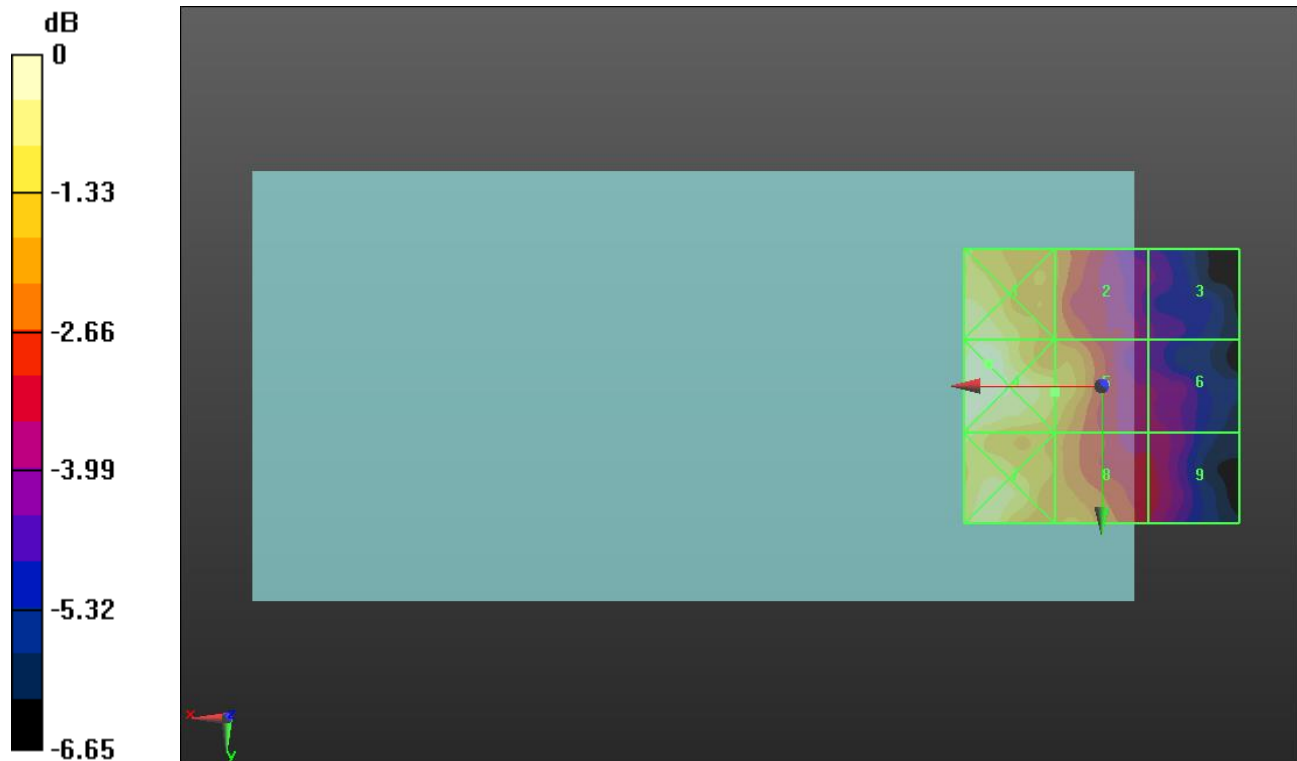
Applied MIF = 3.26 dB

RF audio interference level = 23.83 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>24.54 dBV/m</b> | Grid 2 <b>M4</b><br><b>22.99 dBV/m</b> | Grid 3 <b>M4</b><br><b>20.76 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>25.04 dBV/m</b> | Grid 5 <b>M4</b><br><b>23.83 dBV/m</b> | Grid 6 <b>M4</b><br><b>21.36 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>24.41 dBV/m</b> | Grid 8 <b>M4</b><br><b>23.42 dBV/m</b> | Grid 9 <b>M4</b><br><b>21.79 dBV/m</b> |



0 dB = 17.87 V/m = 25.04 dBV/m

**CDMA2000 BC10 ANT 1**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**CDMA2000 BC10 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.**

**476/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 = 17.85 V/m; Power Drift = 0.06 dB

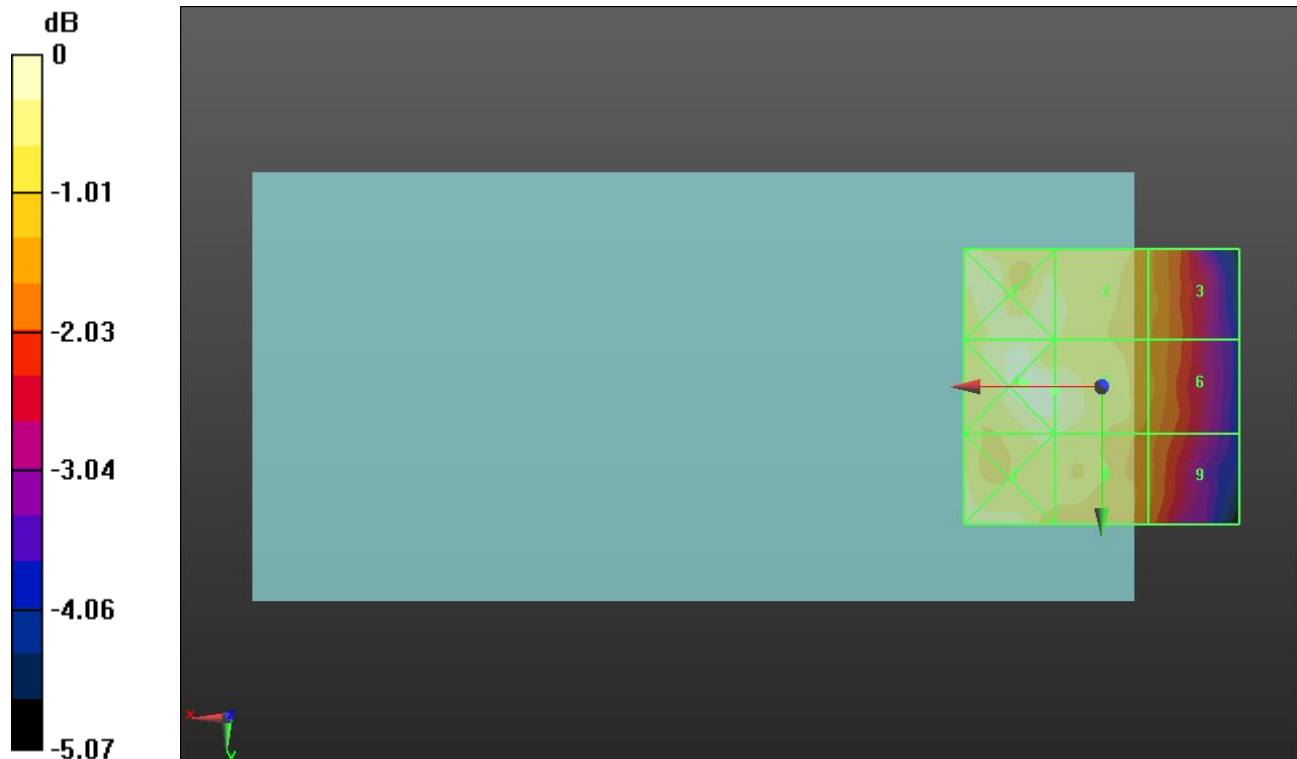
Applied MIF = 3.26 dB

RF audio interference level = 26.19 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>25.99 dBV/m</b> | Grid 2 <b>M4</b><br><b>25.86 dBV/m</b> | Grid 3 <b>M4</b><br><b>25.16 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>26.36 dBV/m</b> | Grid 5 <b>M4</b><br><b>26.19 dBV/m</b> | Grid 6 <b>M4</b><br><b>25.13 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>25.91 dBV/m</b> | Grid 8 <b>M4</b><br><b>25.76 dBV/m</b> | Grid 9 <b>M4</b><br><b>24.85 dBV/m</b> |



0 dB = 20.79 V/m = 26.36 dBV/m

**CDMA2000 BC10 ANT 1**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 820.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**CDMA2000 BC10 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.**

**580/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 = 19.10 V/m; Power Drift = -0.05 dB

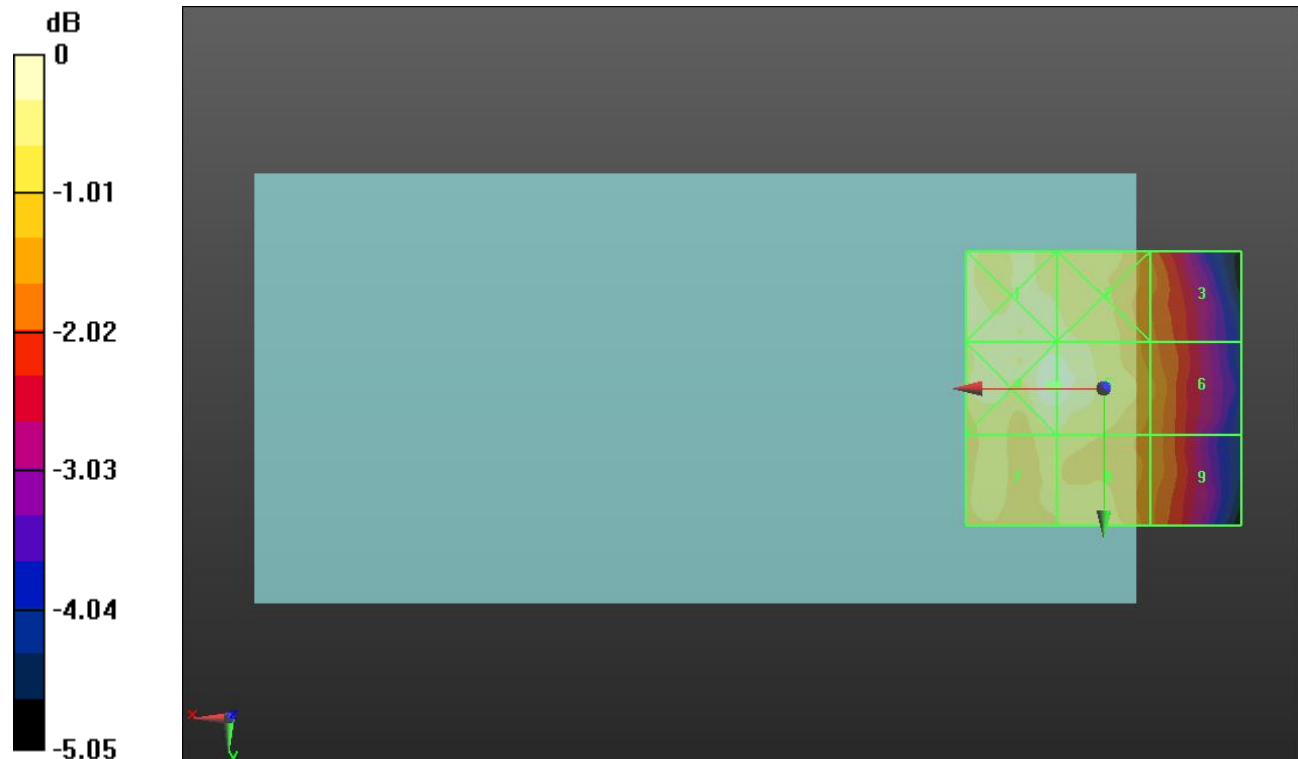
Applied MIF = 3.26 dB

RF audio interference level = 26.58 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>26.38 dBV/m</b> | Grid 2 <b>M4</b><br><b>26.13 dBV/m</b> | Grid 3 <b>M4</b><br><b>25.11 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>26.63 dBV/m</b> | Grid 5 <b>M4</b><br><b>26.58 dBV/m</b> | Grid 6 <b>M4</b><br><b>25.38 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>25.93 dBV/m</b> | Grid 8 <b>M4</b><br><b>25.92 dBV/m</b> | Grid 9 <b>M4</b><br><b>25.22 dBV/m</b> |



0 dB = 21.44 V/m = 26.62 dBV/m

**CDMA2000 BC10 ANT 1**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 823.1 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**CDMA2000 BC10 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.**

**684/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 = 17.73 V/m; Power Drift = 0.18 dB

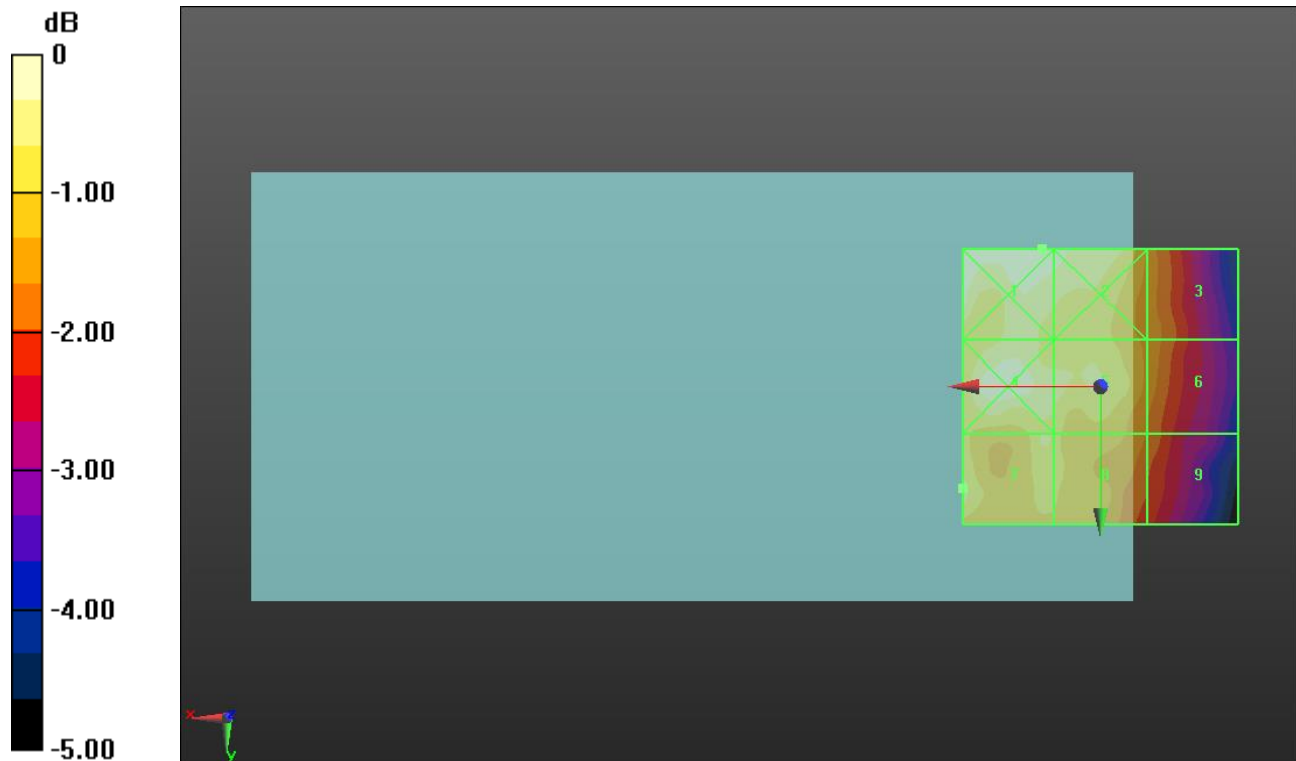
Applied MIF = 3.26 dB

RF audio interference level = 25.85 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>26.34 dBV/m</b> | Grid 2 <b>M4</b><br><b>26.27 dBV/m</b> | Grid 3 <b>M4</b><br><b>24.96 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>26.33 dBV/m</b> | Grid 5 <b>M4</b><br><b>25.84 dBV/m</b> | Grid 6 <b>M4</b><br><b>24.94 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>25.85 dBV/m</b> | Grid 8 <b>M4</b><br><b>25.6 dBV/m</b>  | Grid 9 <b>M4</b><br><b>24.65 dBV/m</b> |



0 dB = 20.75 V/m = 26.34 dBV/m

**LTE Band 41 ANT 1**

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 - SN4041; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**LTE Band 41 ANT 1 E-Field measurement/SC-FDMA 1RB 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 = 7.737 V/m; Power Drift = 0.12 dB

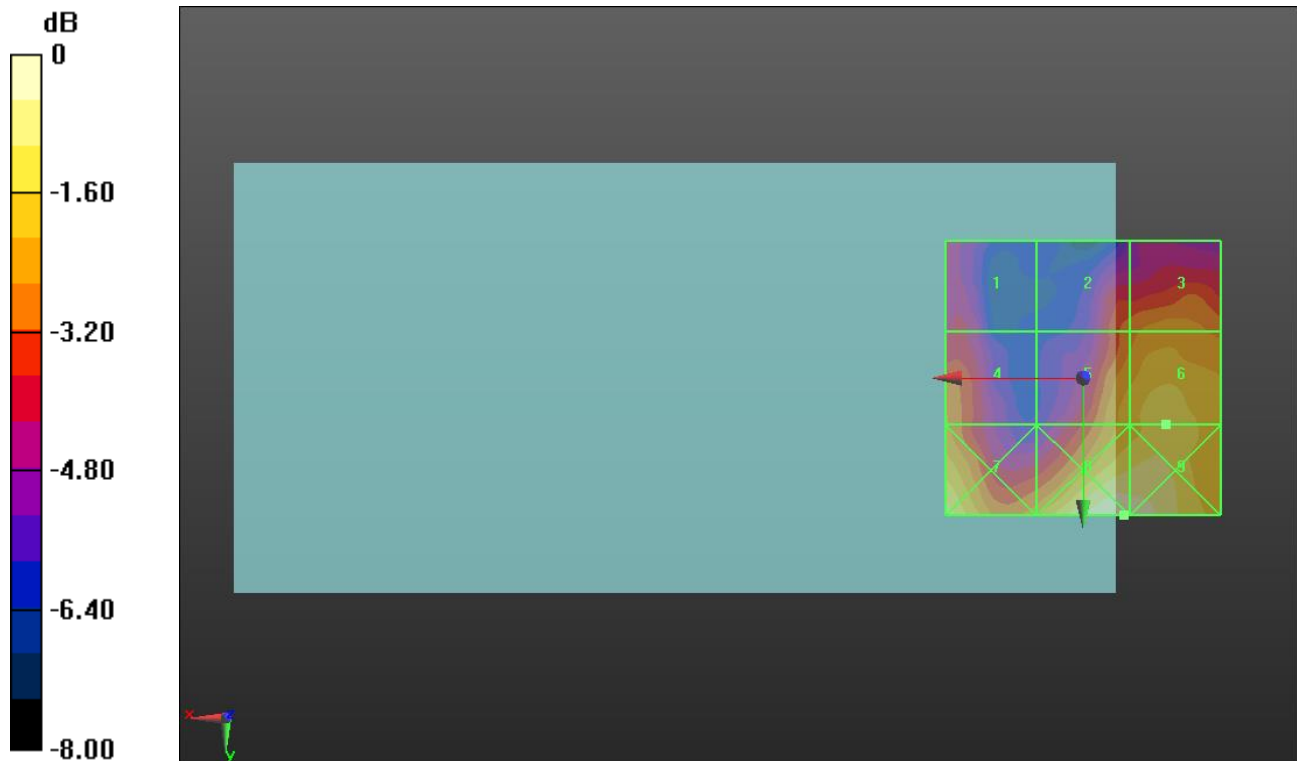
Applied MIF = -1.44 dB

RF audio interference level = 17.76 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>14.85 dBV/m</b> | Grid 2 <b>M4</b><br><b>16.05 dBV/m</b> | Grid 3 <b>M4</b><br><b>16.59 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>16.41 dBV/m</b> | Grid 5 <b>M4</b><br><b>17.13 dBV/m</b> | Grid 6 <b>M4</b><br><b>17.76 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>18.29 dBV/m</b> | Grid 8 <b>M4</b><br><b>18.94 dBV/m</b> | Grid 9 <b>M4</b><br><b>18.92 dBV/m</b> |



0 dB = 8.849 V/m = 18.94 dBV/m



**LTE Band 41 ANT 1**

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 - SN4041; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**LTE Band 41 ANT 1 E-Field measurement/SC-FDMA 1RB 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 = 8.016 V/m; Power Drift = 0.02 dB

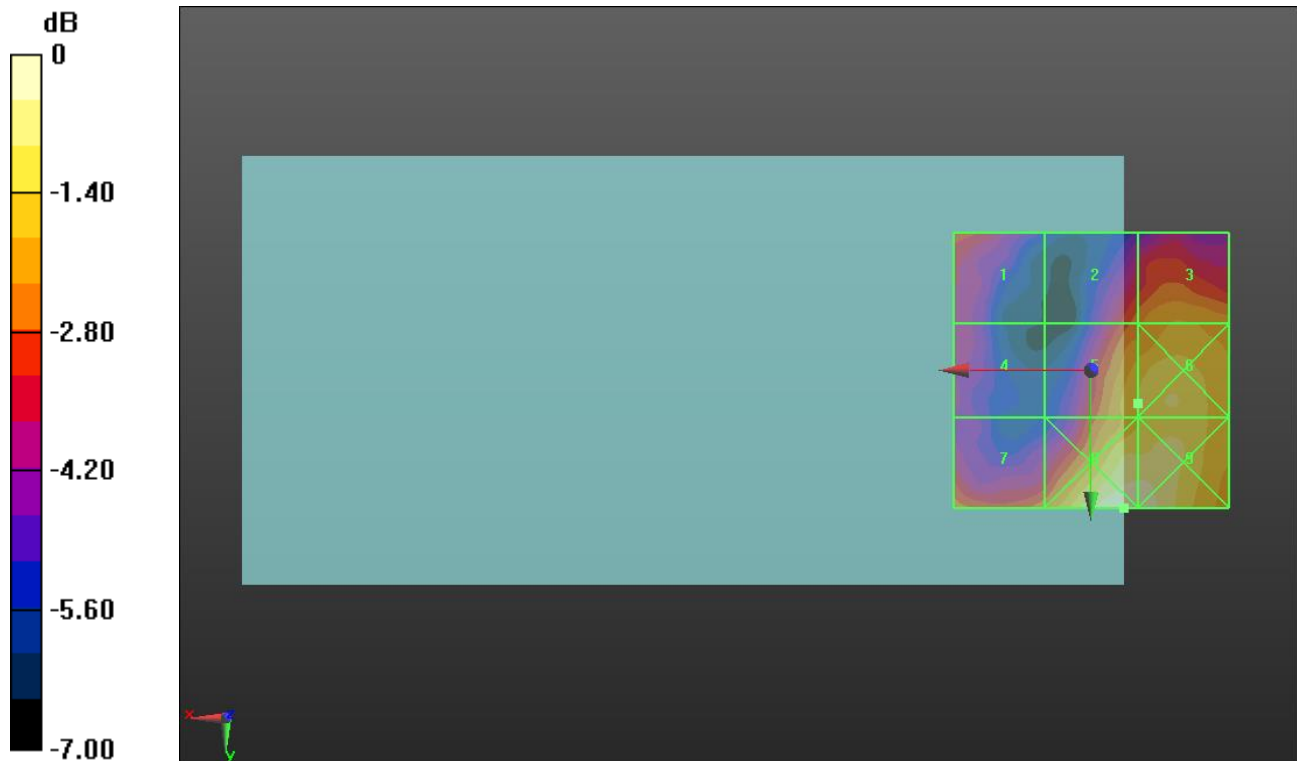
Applied MIF = -1.44 dB

RF audio interference level = 17.45 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>15.86 dBV/m</b> | Grid 2 <b>M4</b><br><b>16.3 dBV/m</b>  | Grid 3 <b>M4</b><br><b>16.98 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>14.97 dBV/m</b> | Grid 5 <b>M4</b><br><b>17.45 dBV/m</b> | Grid 6 <b>M4</b><br><b>17.88 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>16.4 dBV/m</b>  | Grid 8 <b>M4</b><br><b>18.79 dBV/m</b> | Grid 9 <b>M4</b><br><b>18.68 dBV/m</b> |



0 dB = 8.695 V/m = 18.79 dBV/m

**LTE Band 41 ANT 1**

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 - SN4041; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**LTE Band 41 ANT 1 E-Field measurement/SC-FDMA 1RB 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 = 7.493 V/m; Power Drift = -0.11 dB

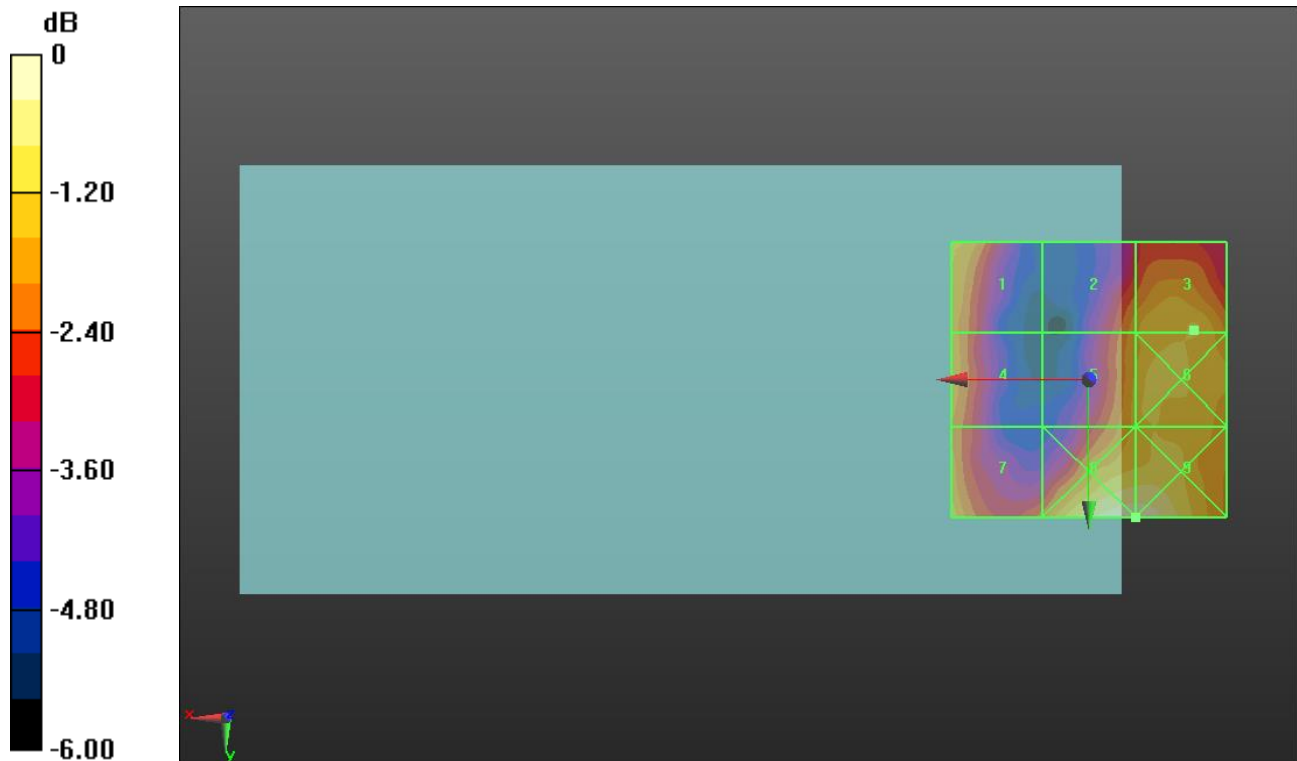
Applied MIF = -1.44 dB

RF audio interference level = 16.83 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>16.39 dBV/m</b> | Grid 2 <b>M4</b><br><b>16.27 dBV/m</b> | Grid 3 <b>M4</b><br><b>16.83 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>16.34 dBV/m</b> | Grid 5 <b>M4</b><br><b>16.57 dBV/m</b> | Grid 6 <b>M4</b><br><b>17.07 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>16.72 dBV/m</b> | Grid 8 <b>M4</b><br><b>17.95 dBV/m</b> | Grid 9 <b>M4</b><br><b>17.95 dBV/m</b> |



0 dB = 7.901 V/m = 17.95 dBV/m

**LTE Band 41 ANT 1**

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 - SN4041; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**LTE Band 41 ANT 1 E-Field measurement/SC-FDMA 1RB 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 = 6.720 V/m; Power Drift = -0.65 dB

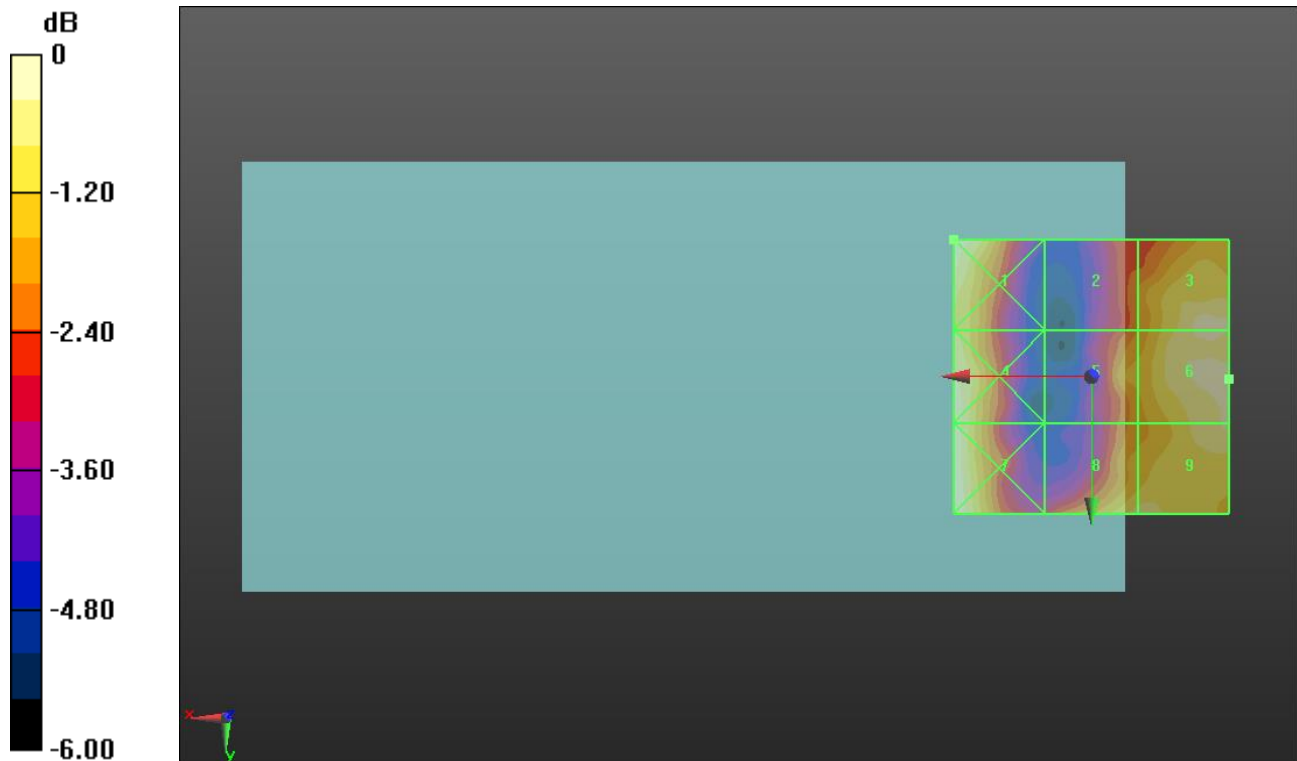
Applied MIF = -1.44 dB

RF audio interference level = 16.31 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>16.27 dBV/m</b> | Grid 2 <b>M4</b><br><b>14.63 dBV/m</b> | Grid 3 <b>M4</b><br><b>16.29 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>16.47 dBV/m</b> | Grid 5 <b>M4</b><br><b>15.04 dBV/m</b> | Grid 6 <b>M4</b><br><b>16.31 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>16.54 dBV/m</b> | Grid 8 <b>M4</b><br><b>16.12 dBV/m</b> | Grid 9 <b>M4</b><br><b>16.22 dBV/m</b> |



0 dB = 6.716 V/m = 16.54 dBV/m

**LTE Band 41 ANT 1**

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 - SN4041; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**LTE Band 41 E-Field measurement/SC-FDMA 1RB 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 = 5.679 V/m; Power Drift = -0.39 dB

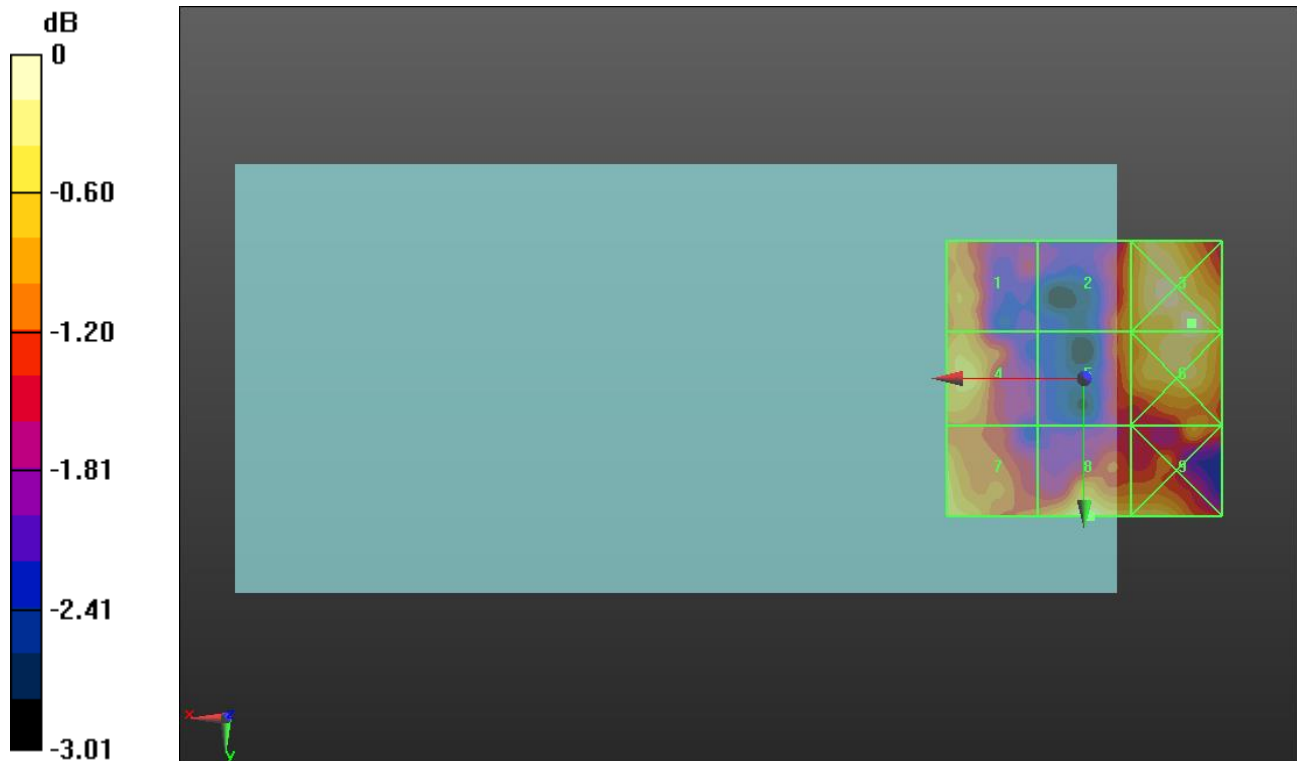
Applied MIF = -1.44 dB

RF audio interference level = 14.86 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>14.15 dBV/m</b> | Grid 2 <b>M4</b><br><b>14.15 dBV/m</b> | Grid 3 <b>M4</b><br><b>14.93 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>14.47 dBV/m</b> | Grid 5 <b>M4</b><br><b>14.15 dBV/m</b> | Grid 6 <b>M4</b><br><b>14.84 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>14.48 dBV/m</b> | Grid 8 <b>M4</b><br><b>14.86 dBV/m</b> | Grid 9 <b>M4</b><br><b>14.59 dBV/m</b> |



0 dB = 5.581 V/m = 14.93 dBV/m

## LTE Band 41 PC2 ANT 1

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 - SN4041; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 E-Field measurement/SC-FDMA 1RB 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 = 16.21 V/m; Power Drift = 0.24 dB

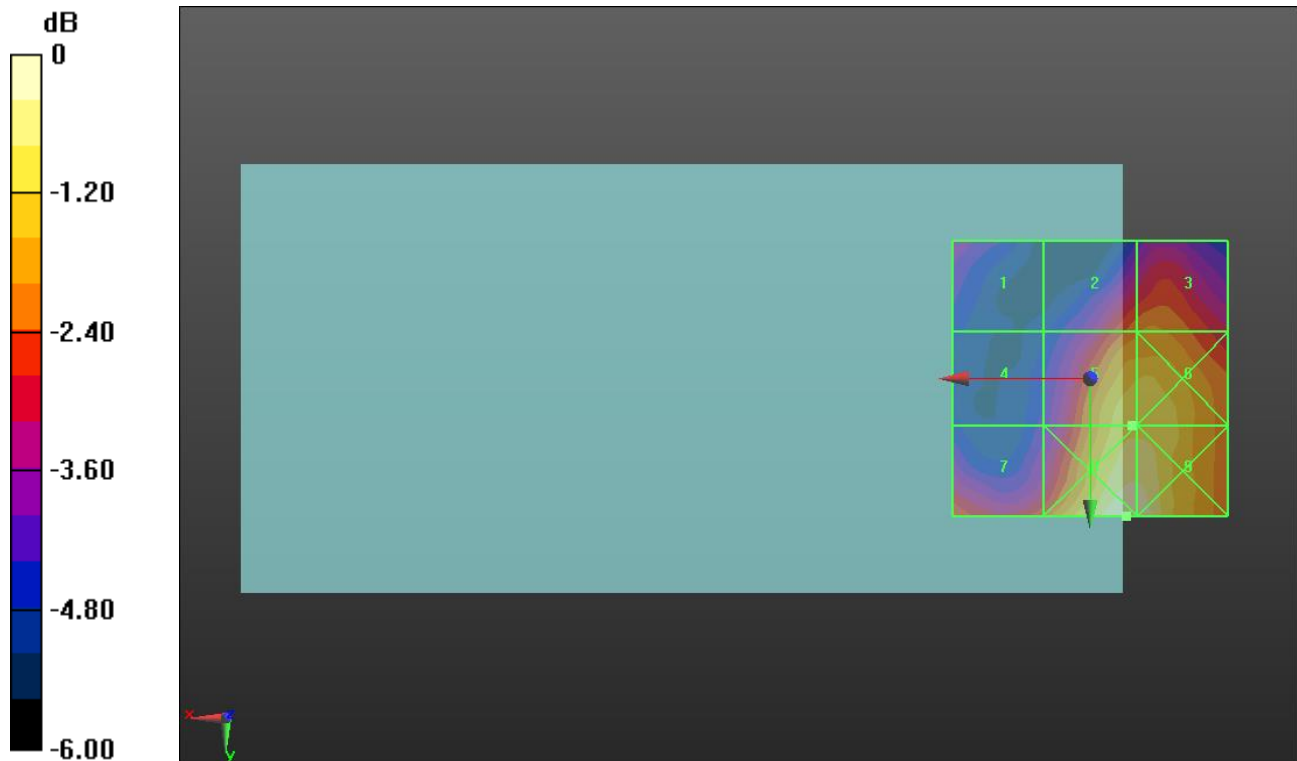
Applied MIF = -1.44 dB

RF audio interference level = 22.43 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>19.79 dBV/m</b> | Grid 2 <b>M4</b><br><b>21.27 dBV/m</b> | Grid 3 <b>M4</b><br><b>21.44 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>19.15 dBV/m</b> | Grid 5 <b>M4</b><br><b>22.43 dBV/m</b> | Grid 6 <b>M4</b><br><b>22.42 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>21.08 dBV/m</b> | Grid 8 <b>M4</b><br><b>23.33 dBV/m</b> | Grid 9 <b>M4</b><br><b>23.25 dBV/m</b> |



0 dB = 14.67 V/m = 23.33 dBV/m

## LTE Band 41 PC2 ANT 1

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 - SN4041; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 E-Field measurement/SC-FDMA 1RB 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 = 14.31 V/m; Power Drift = -0.13 dB

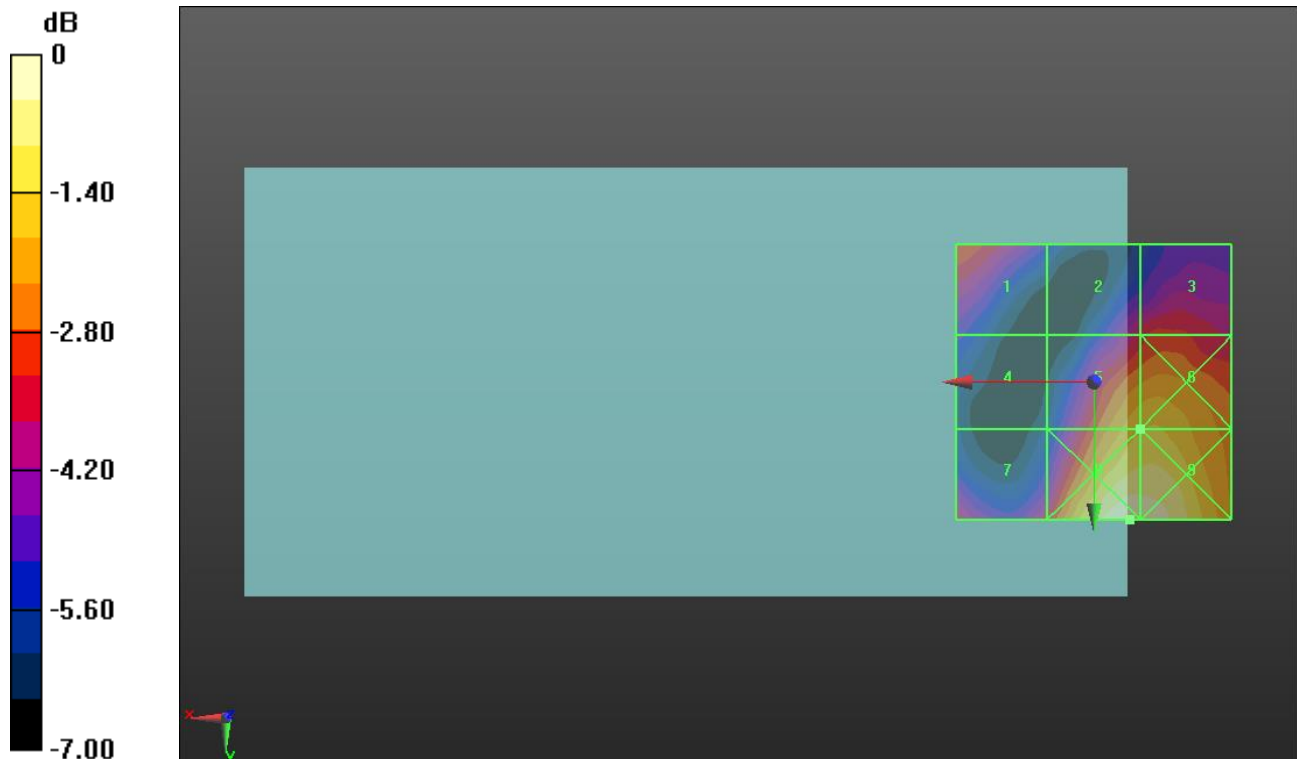
Applied MIF = -1.44 dB

RF audio interference level = 22.06 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>20.71 dBV/m</b> | Grid 2 <b>M4</b><br><b>20.02 dBV/m</b> | Grid 3 <b>M4</b><br><b>20.42 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>18.59 dBV/m</b> | Grid 5 <b>M4</b><br><b>22.06 dBV/m</b> | Grid 6 <b>M4</b><br><b>22.15 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>20.11 dBV/m</b> | Grid 8 <b>M4</b><br><b>23.5 dBV/m</b>  | Grid 9 <b>M4</b><br><b>23.46 dBV/m</b> |



0 dB = 14.96 V/m = 23.50 dBV/m

## LTE Band 41 PC2 ANT 1

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 - SN4041; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 E-Field measurement/SC-FDMA 1RB 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 = 12.19 V/m; Power Drift = 0.09 dB

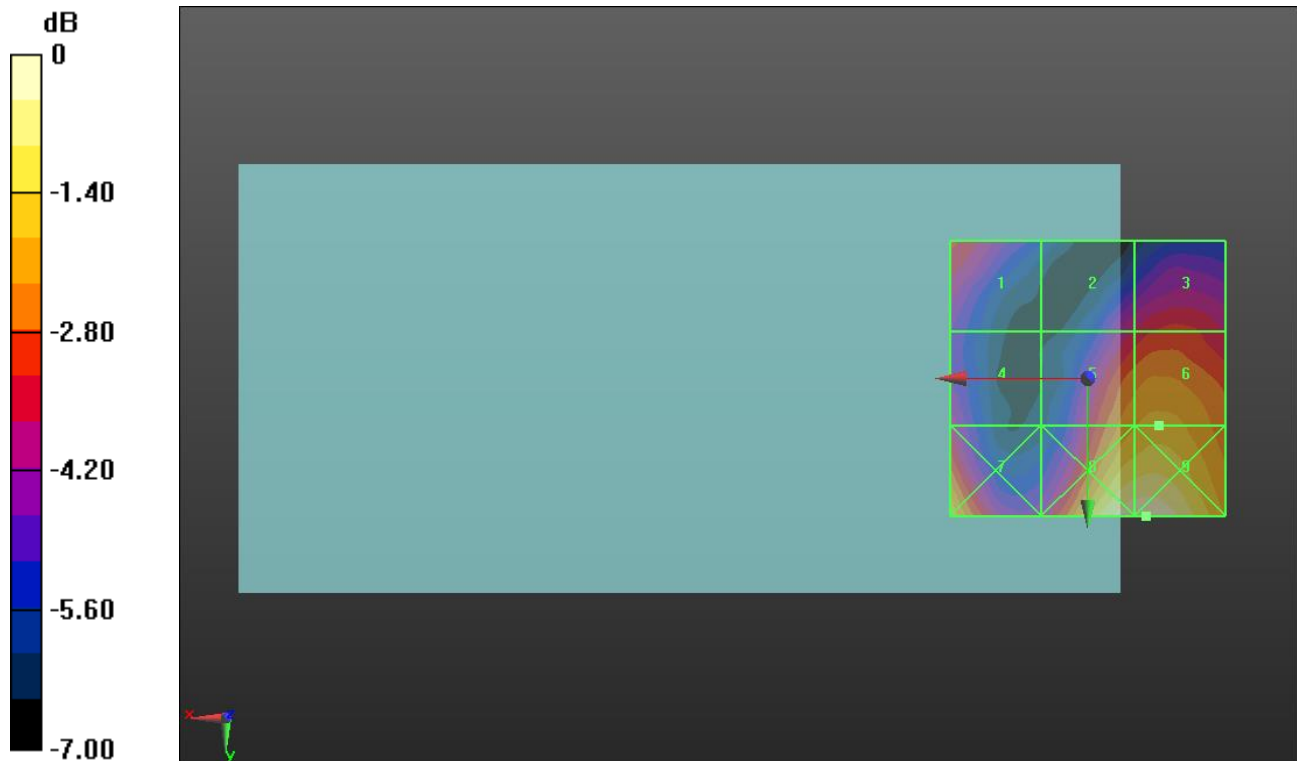
Applied MIF = -1.44 dB

RF audio interference level = 21.47 dBV/m

Emission category: **M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>20.01 dBV/m</b> | Grid 2 <b>M4</b><br><b>19.5 dBV/m</b>  | Grid 3 <b>M4</b><br><b>20.05 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>19.3 dBV/m</b>  | Grid 5 <b>M4</b><br><b>21.23 dBV/m</b> | Grid 6 <b>M4</b><br><b>21.47 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>21.82 dBV/m</b> | Grid 8 <b>M4</b><br><b>23.08 dBV/m</b> | Grid 9 <b>M4</b><br><b>23.13 dBV/m</b> |



0 dB = 14.34 V/m = 23.13 dBV/m

## LTE Band 41 PC2 ANT 1

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 - SN4041; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 E-Field measurement/SC-FDMA 1RB 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 = 10.11 V/m; Power Drift = 0.08 dB

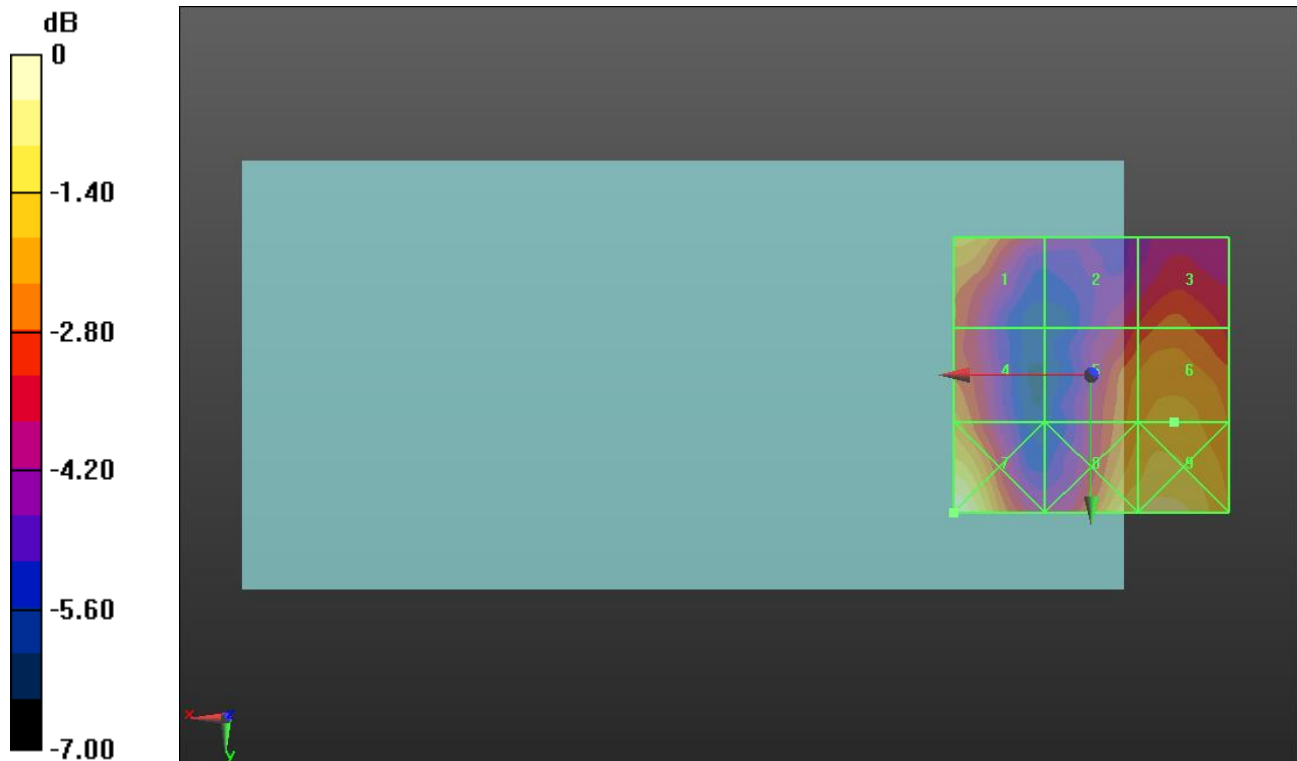
Applied MIF = -1.44 dB

RF audio interference level = 19.00 dBV/m

Emission category: **M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>18.95 dBV/m</b> | Grid 2 <b>M4</b><br><b>17.43 dBV/m</b> | Grid 3 <b>M4</b><br><b>18.06 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>18.52 dBV/m</b> | Grid 5 <b>M4</b><br><b>18.61 dBV/m</b> | Grid 6 <b>M4</b><br><b>19 dBV/m</b>    |
| Grid 7 <b>M4</b><br><b>20.6 dBV/m</b>  | Grid 8 <b>M4</b><br><b>19.79 dBV/m</b> | Grid 9 <b>M4</b><br><b>20.07 dBV/m</b> |



0 dB = 10.72 V/m = 20.60 dBV/m



## LTE Band 41 PC2 ANT 1

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 - SN4041; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 E-Field measurement/SC-FDMA 1RB 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 = 9.572 V/m; Power Drift = 0.10 dB

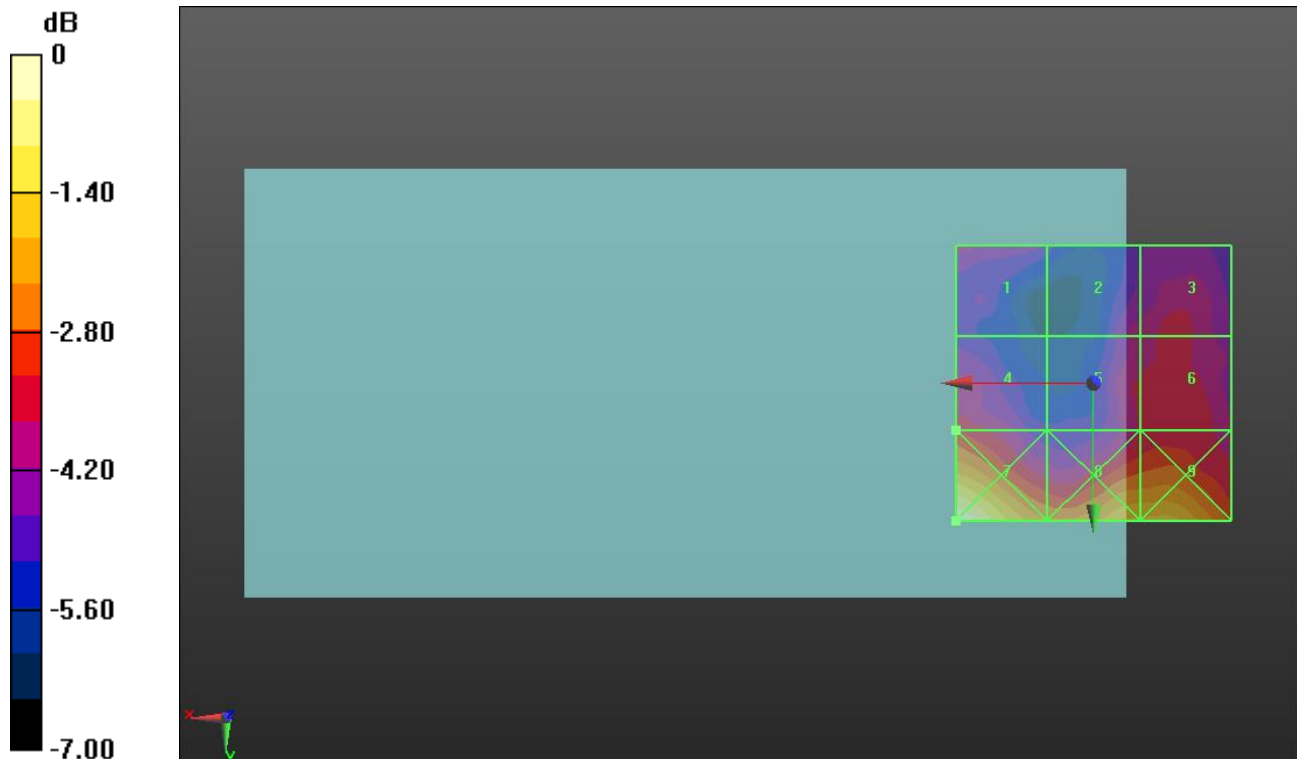
Applied MIF = -1.44 dB

RF audio interference level = 18.54 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>17.85 dBV/m</b> | Grid 2 <b>M4</b><br><b>17.76 dBV/m</b> | Grid 3 <b>M4</b><br><b>18.39 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>18.54 dBV/m</b> | Grid 5 <b>M4</b><br><b>18.14 dBV/m</b> | Grid 6 <b>M4</b><br><b>18.44 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>21.75 dBV/m</b> | Grid 8 <b>M4</b><br><b>20.47 dBV/m</b> | Grid 9 <b>M4</b><br><b>20.55 dBV/m</b> |



0 dB = 12.24 V/m = 21.76 dBV/m

## GSM 850 ANT 2

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 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 = 91.02 V/m; Power Drift = -0.01 dB

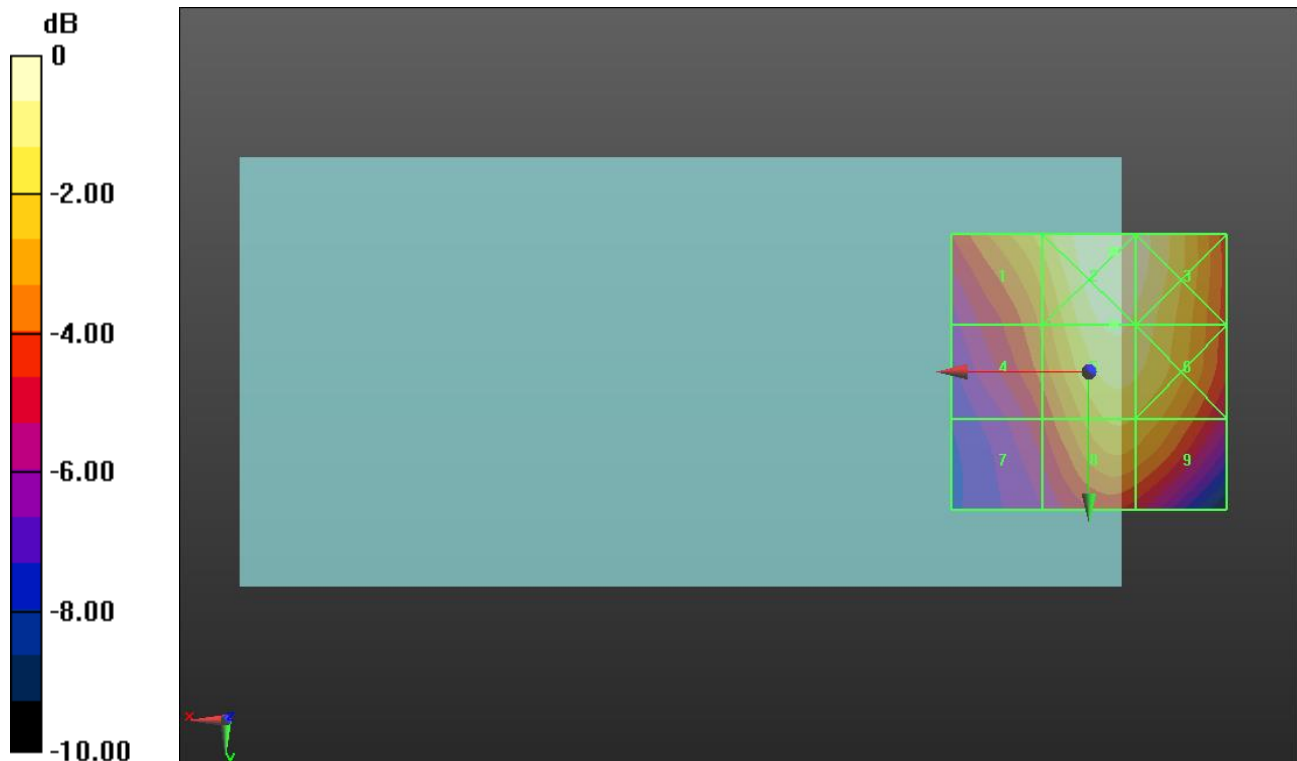
Applied MIF = 3.63 dB

RF audio interference level = 39.40 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>38.29 dBV/m</b> | Grid 2 <b>M4</b><br><b>39.96 dBV/m</b> | Grid 3 <b>M4</b><br><b>39.67 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>36.81 dBV/m</b> | Grid 5 <b>M4</b><br><b>39.4 dBV/m</b>  | Grid 6 <b>M4</b><br><b>39.11 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>35.34 dBV/m</b> | Grid 8 <b>M4</b><br><b>38.11 dBV/m</b> | Grid 9 <b>M4</b><br><b>37.92 dBV/m</b> |



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

**GSM 850 ANT 2**

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**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 = 90.13 V/m; Power Drift = -0.04 dB

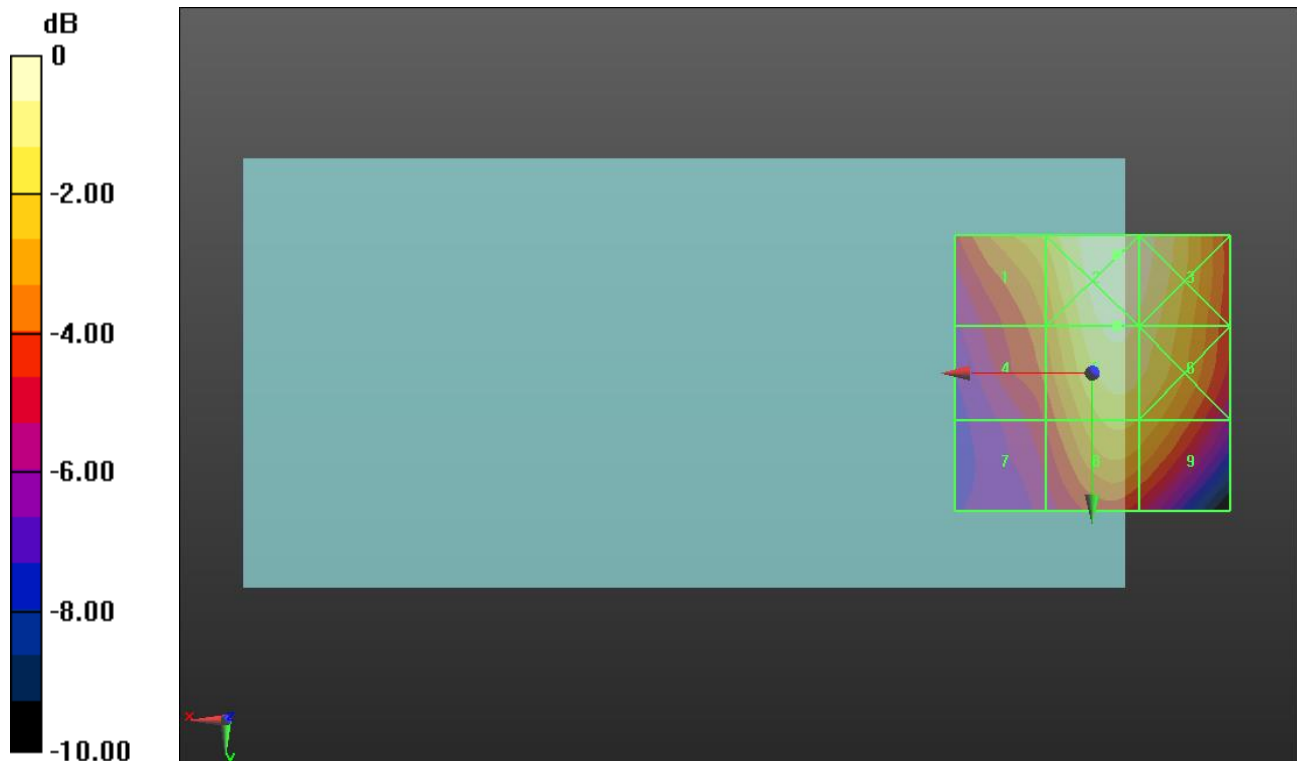
Applied MIF = 3.63 dB

RF audio interference level = 39.16 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>37.79 dBV/m</b> | Grid 2 <b>M4</b><br><b>39.67 dBV/m</b> | Grid 3 <b>M4</b><br><b>39.4 dBV/m</b>  |
| Grid 4 <b>M4</b><br><b>36.38 dBV/m</b> | Grid 5 <b>M4</b><br><b>39.16 dBV/m</b> | Grid 6 <b>M4</b><br><b>38.86 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>35.11 dBV/m</b> | Grid 8 <b>M4</b><br><b>37.88 dBV/m</b> | Grid 9 <b>M4</b><br><b>37.63 dBV/m</b> |



0 dB = 96.27 V/m = 39.67 dBV/m

**GSM 850 ANT 2**

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**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 = 89.80 V/m; Power Drift = 0.17 dB

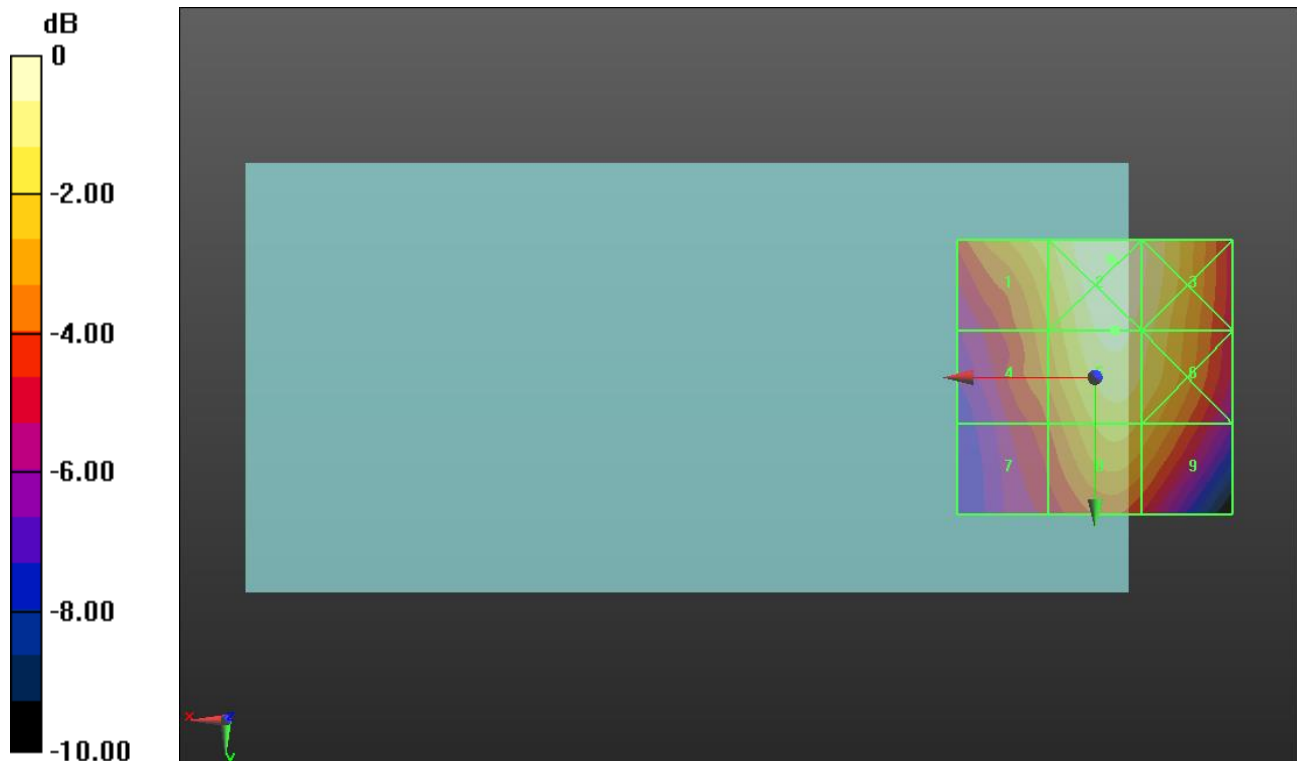
Applied MIF = 3.63 dB

RF audio interference level = 39.18 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>38.21 dBV/m</b> | Grid 2 <b>M4</b><br><b>39.63 dBV/m</b> | Grid 3 <b>M4</b><br><b>39.09 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>36.94 dBV/m</b> | Grid 5 <b>M4</b><br><b>39.18 dBV/m</b> | Grid 6 <b>M4</b><br><b>38.65 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>35.65 dBV/m</b> | Grid 8 <b>M4</b><br><b>37.95 dBV/m</b> | Grid 9 <b>M4</b><br><b>37.49 dBV/m</b> |



0 dB = 95.80 V/m = 39.63 dBV/m

**GSM 1900 ANT 2**

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**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 = 18.05 V/m; Power Drift = -0.26 dB

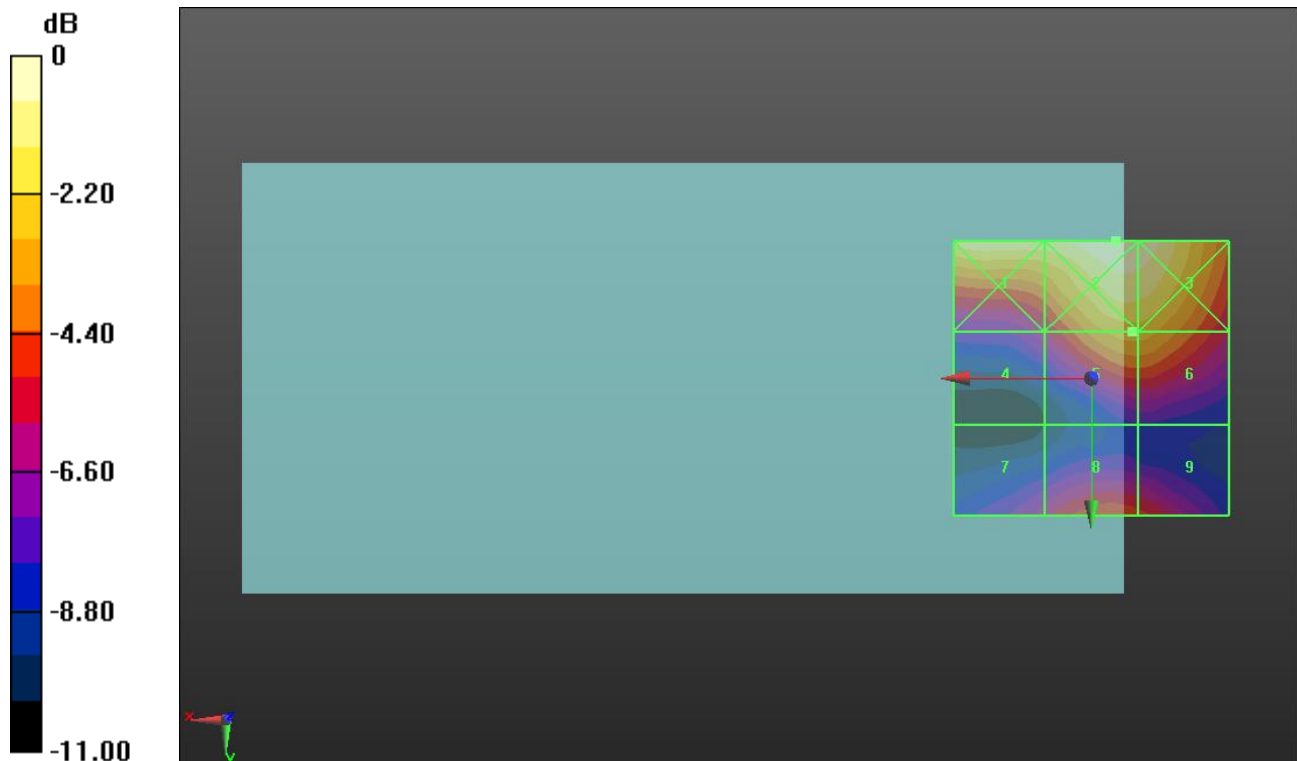
Applied MIF = 3.63 dB

RF audio interference level = 29.32 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M3</b><br><b>31.21 dBV/m</b> | Grid 2 <b>M3</b><br><b>31.85 dBV/m</b> | Grid 3 <b>M3</b><br><b>31.72 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>25.84 dBV/m</b> | Grid 5 <b>M4</b><br><b>29.32 dBV/m</b> | Grid 6 <b>M4</b><br><b>29.29 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>25.69 dBV/m</b> | Grid 8 <b>M4</b><br><b>27.47 dBV/m</b> | Grid 9 <b>M4</b><br><b>27.15 dBV/m</b> |



0 dB = 39.14 V/m = 31.85 dBV/m

## GSM 1900 ANT 2

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 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 = 19.38 V/m; Power Drift = 0.06 dB

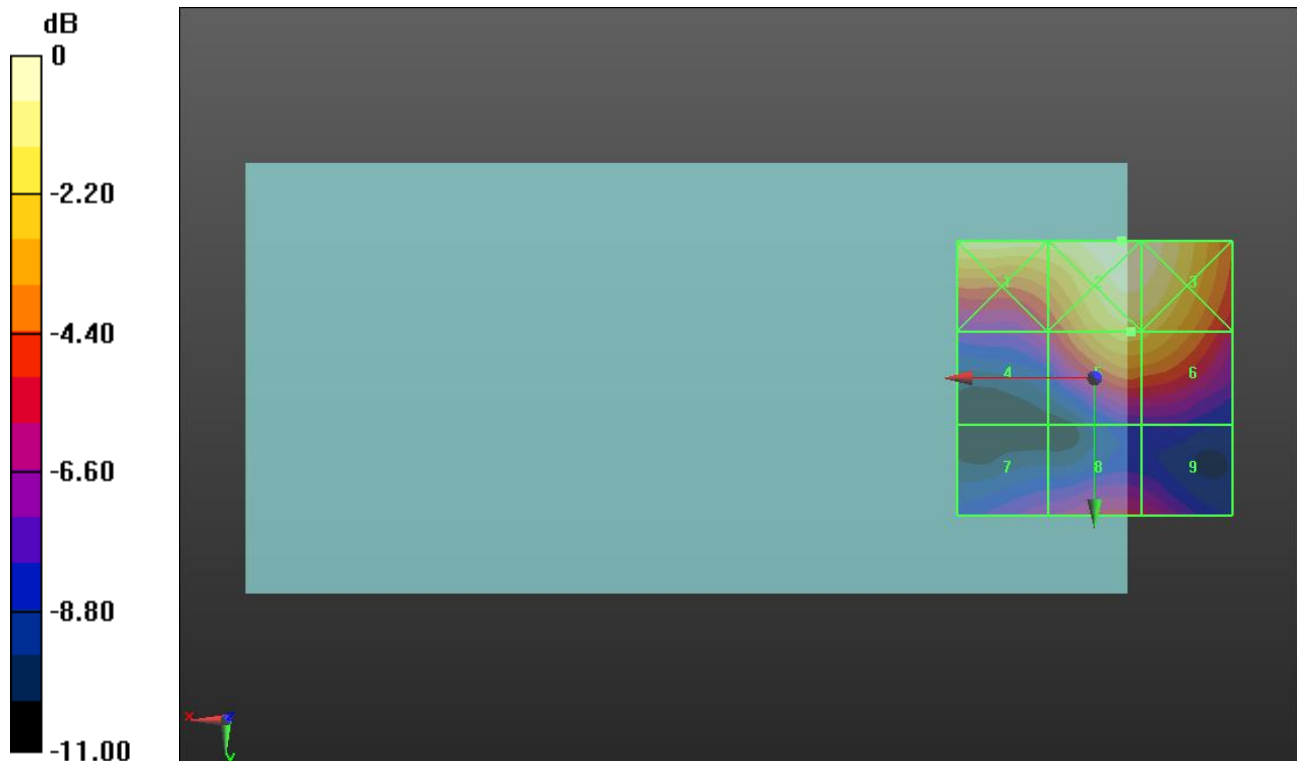
Applied MIF = 3.63 dB

RF audio interference level = 29.70 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M3</b><br><b>30.75 dBV/m</b> | Grid 2 <b>M3</b><br><b>31.47 dBV/m</b> | Grid 3 <b>M3</b><br><b>31.37 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>25.89 dBV/m</b> | Grid 5 <b>M4</b><br><b>29.7 dBV/m</b>  | Grid 6 <b>M4</b><br><b>29.56 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>24.84 dBV/m</b> | Grid 8 <b>M4</b><br><b>26.04 dBV/m</b> | Grid 9 <b>M4</b><br><b>25.79 dBV/m</b> |



0 dB = 37.47 V/m = 31.47 dBV/m

**GSM 1900 ANT 2**

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**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 = 22.56 V/m; Power Drift = -0.02 dB

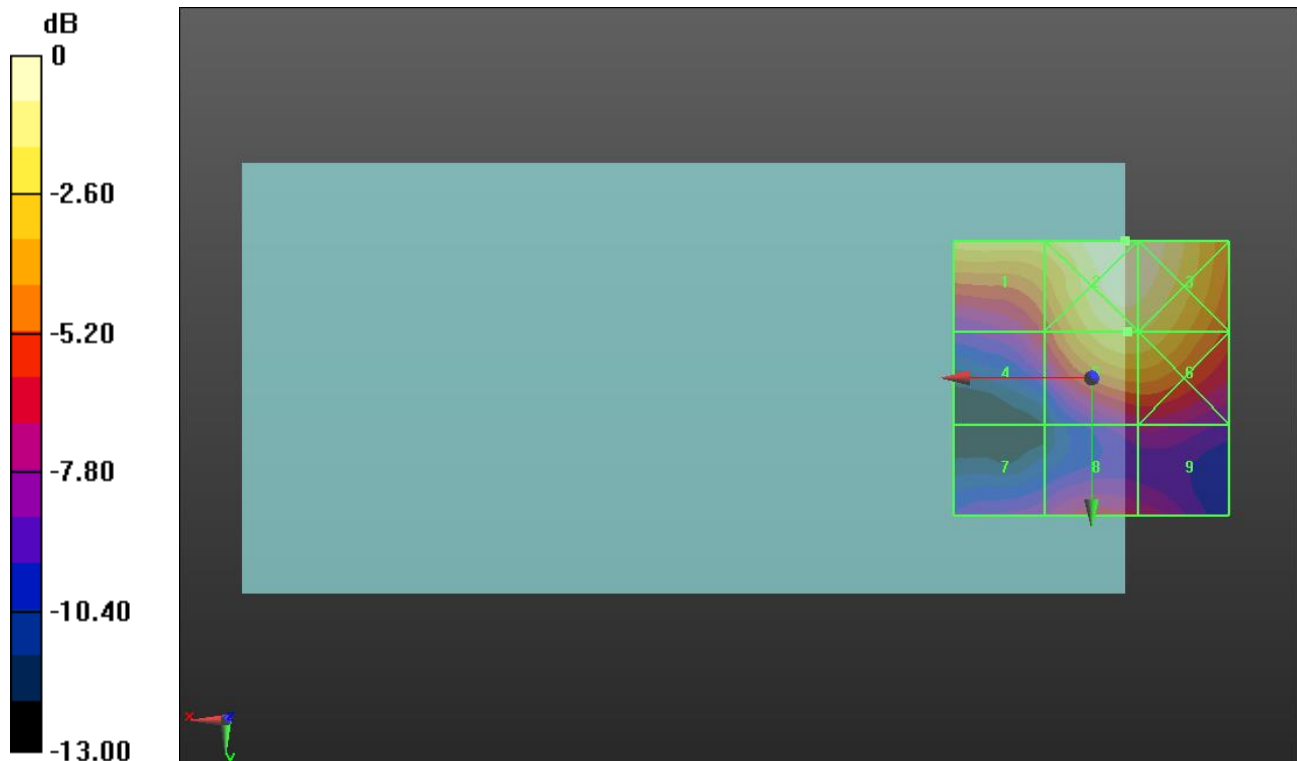
Applied MIF = 3.63 dB

RF audio interference level = 30.61 dBV/m

**Emission category: M3**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M3</b><br><b>30.47 dBV/m</b> | Grid 2 <b>M3</b><br><b>32.21 dBV/m</b> | Grid 3 <b>M3</b><br><b>32.11 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>26.44 dBV/m</b> | Grid 5 <b>M3</b><br><b>30.61 dBV/m</b> | Grid 6 <b>M3</b><br><b>30.53 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>24.44 dBV/m</b> | Grid 8 <b>M4</b><br><b>25.93 dBV/m</b> | Grid 9 <b>M4</b><br><b>25.45 dBV/m</b> |



0 dB = 40.78 V/m = 32.21 dBV/m

**CDMA2000 BC0 ANT 2**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 824.7 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**CDMA2000 BC0 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.**

**1013/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 = 40.21 V/m; Power Drift = -0.13 dB

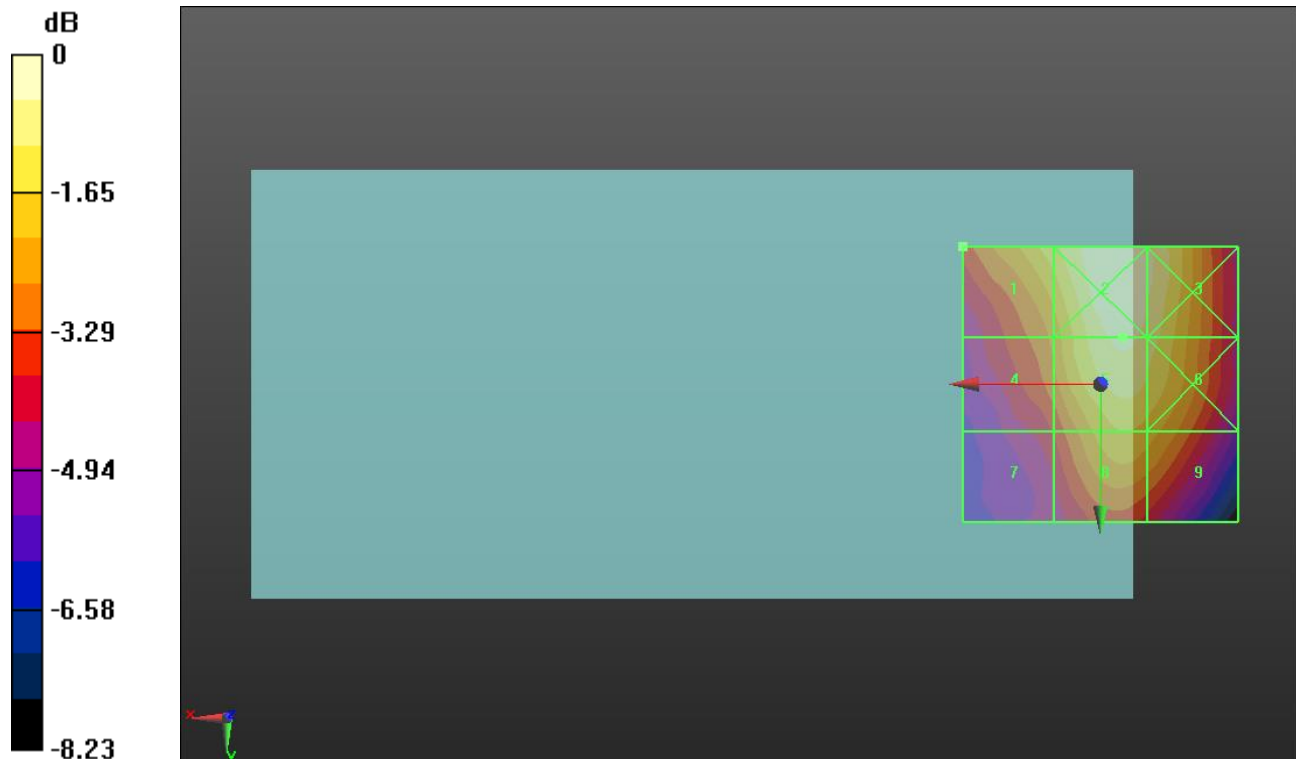
Applied MIF = 3.26 dB

RF audio interference level = 31.62 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>30.81 dBV/m</b> | Grid 2 <b>M4</b><br><b>32.05 dBV/m</b> | Grid 3 <b>M4</b><br><b>31.67 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>29.52 dBV/m</b> | Grid 5 <b>M4</b><br><b>31.62 dBV/m</b> | Grid 6 <b>M4</b><br><b>31.28 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>28.29 dBV/m</b> | Grid 8 <b>M4</b><br><b>30.42 dBV/m</b> | Grid 9 <b>M4</b><br><b>30.16 dBV/m</b> |



0 dB = 40.04 V/m = 32.05 dBV/m



**CDMA2000 BC0 ANT 2**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 836.52 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**CDMA2000 BC0 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.**

**384/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 = 40.97 V/m; Power Drift = -0.13 dB

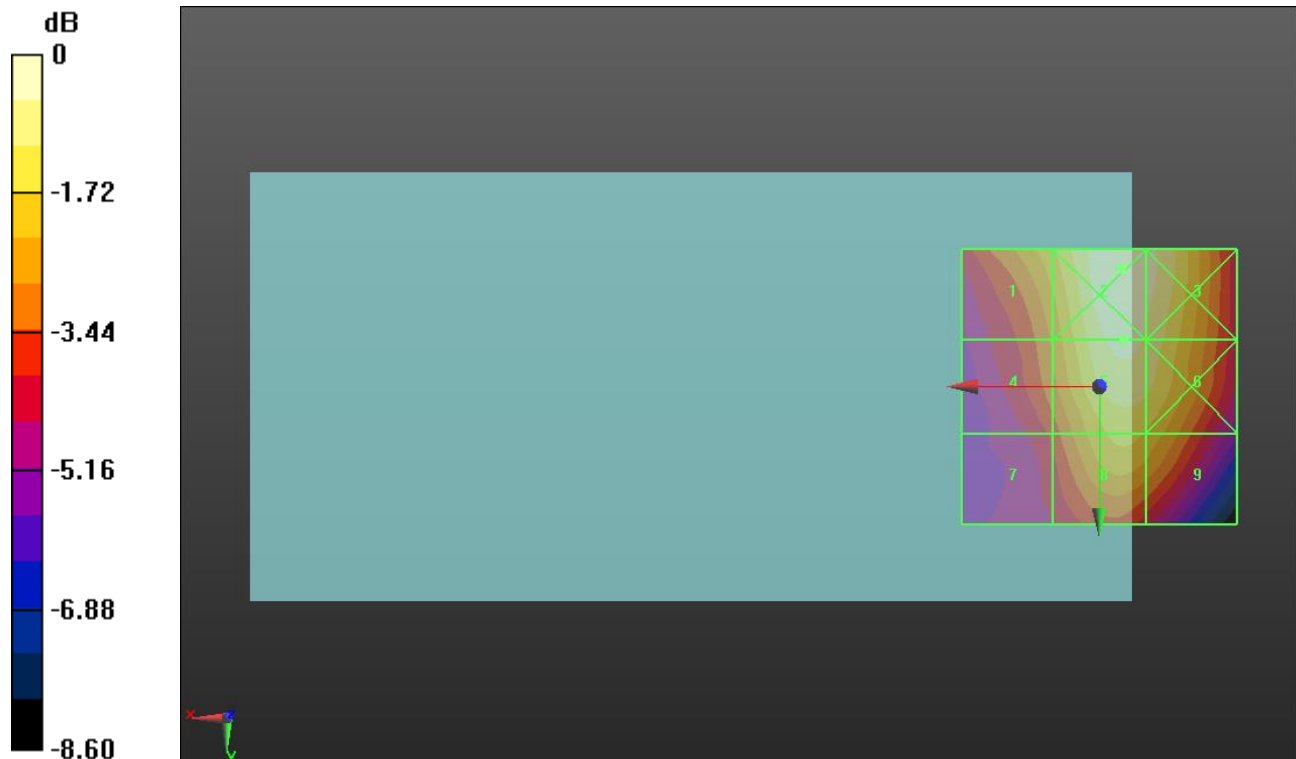
Applied MIF = 3.26 dB

RF audio interference level = 31.77 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>30.36 dBV/m</b> | Grid 2 <b>M4</b><br><b>32.15 dBV/m</b> | Grid 3 <b>M4</b><br><b>31.86 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>29.4 dBV/m</b>  | Grid 5 <b>M4</b><br><b>31.77 dBV/m</b> | Grid 6 <b>M4</b><br><b>31.49 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>28.35 dBV/m</b> | Grid 8 <b>M4</b><br><b>30.65 dBV/m</b> | Grid 9 <b>M4</b><br><b>30.36 dBV/m</b> |



0 dB = 40.52 V/m = 32.15 dBV/m

**CDMA2000 BC0 ANT 2**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 848.31 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**CDMA2000 BC0 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.**

**777/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 = 41.80 V/m; Power Drift = -0.13 dB

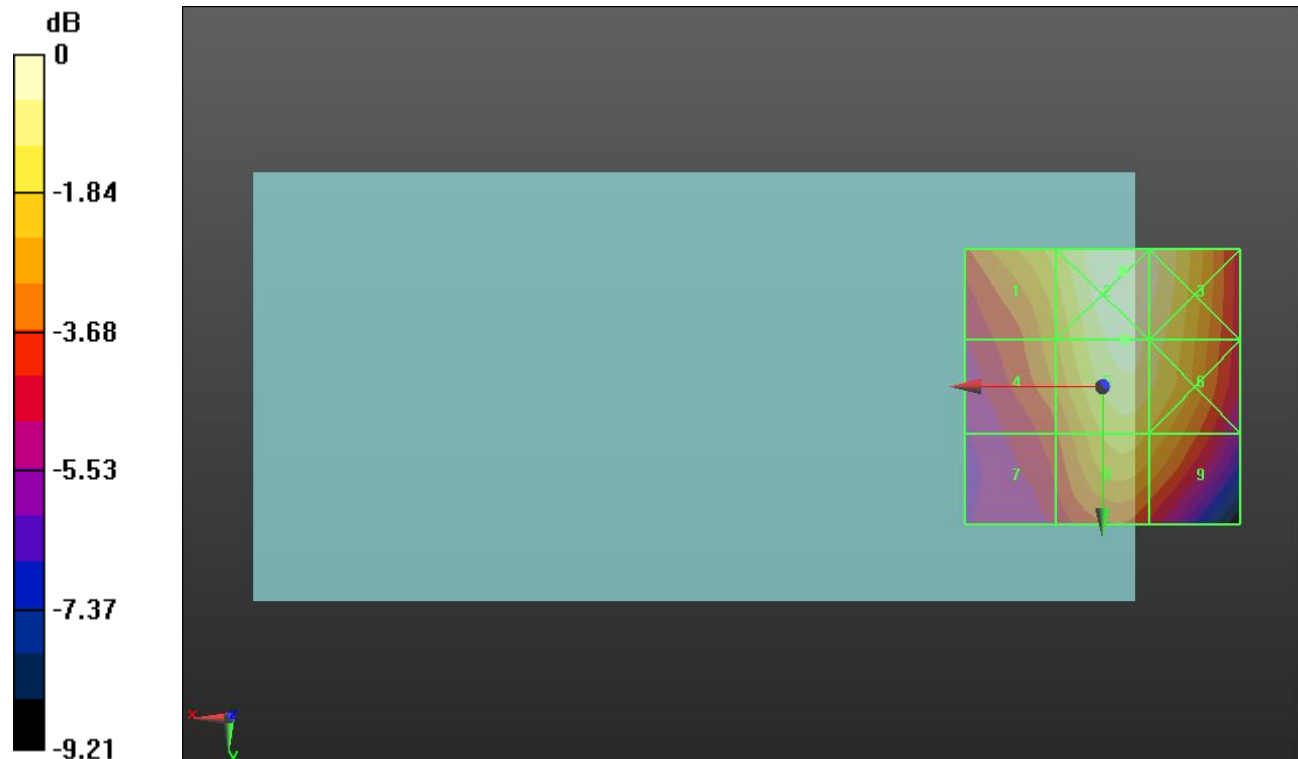
Applied MIF = 3.26 dB

RF audio interference level = 31.83 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>30.67 dBV/m</b> | Grid 2 <b>M4</b><br><b>32.17 dBV/m</b> | Grid 3 <b>M4</b><br><b>31.8 dBV/m</b>  |
| Grid 4 <b>M4</b><br><b>29.64 dBV/m</b> | Grid 5 <b>M4</b><br><b>31.83 dBV/m</b> | Grid 6 <b>M4</b><br><b>31.39 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>28.44 dBV/m</b> | Grid 8 <b>M4</b><br><b>30.68 dBV/m</b> | Grid 9 <b>M4</b><br><b>30.27 dBV/m</b> |



0 dB = 40.60 V/m = 32.17 dBV/m

**CDMA2000 BC1 ANT 2**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1851.25 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**CDMA2000 BC1 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.**

**25/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 = 12.16 V/m; Power Drift = 0.01 dB

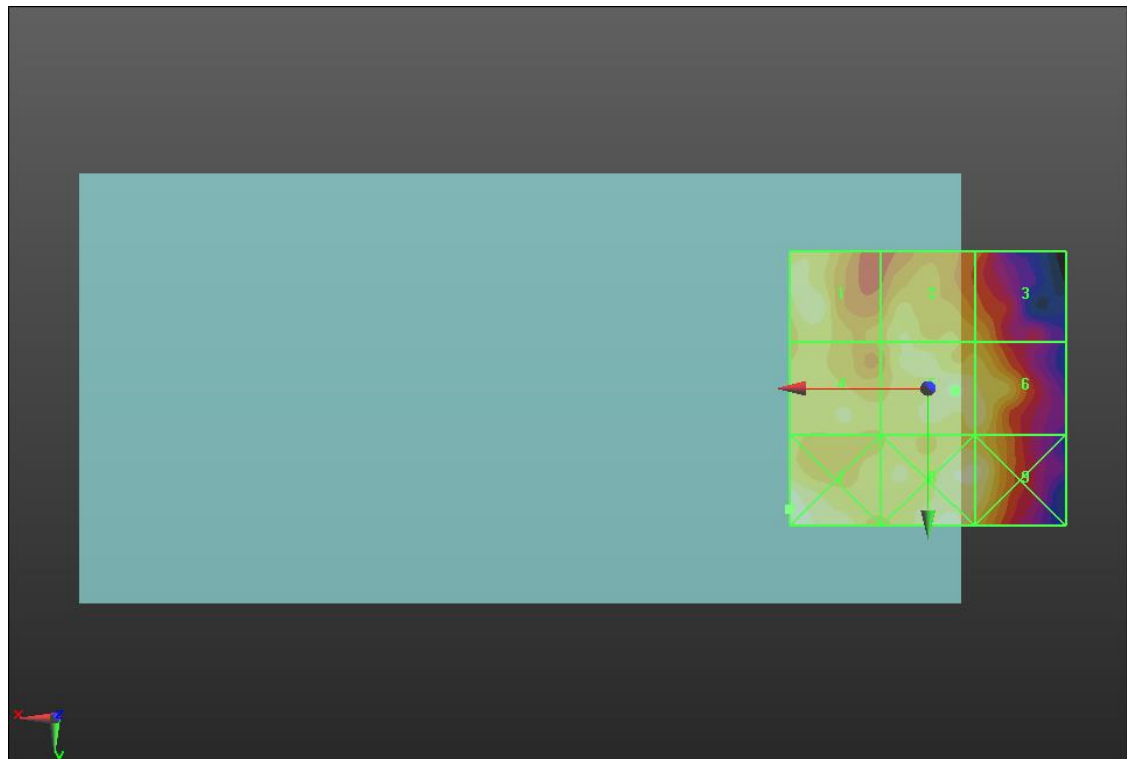
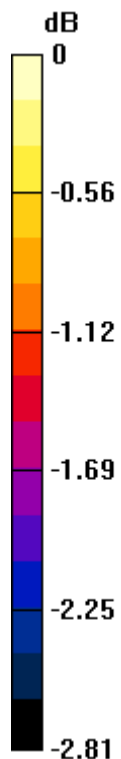
Applied MIF = 3.26 dB

RF audio interference level = 22.90 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>22.83 dBV/m</b> | Grid 2 <b>M4</b><br><b>22.69 dBV/m</b> | Grid 3 <b>M4</b><br><b>22.4 dBV/m</b>  |
| Grid 4 <b>M4</b><br><b>22.71 dBV/m</b> | Grid 5 <b>M4</b><br><b>22.9 dBV/m</b>  | Grid 6 <b>M4</b><br><b>22.78 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>23.04 dBV/m</b> | Grid 8 <b>M4</b><br><b>22.99 dBV/m</b> | Grid 9 <b>M4</b><br><b>22.9 dBV/m</b>  |



0 dB = 14.19 V/m = 23.04 dBV/m

**CDMA2000 BC1 ANT 2**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**CDMA2000 BC1 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.**

**600/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 = 15.07 V/m; Power Drift = 0.08 dB

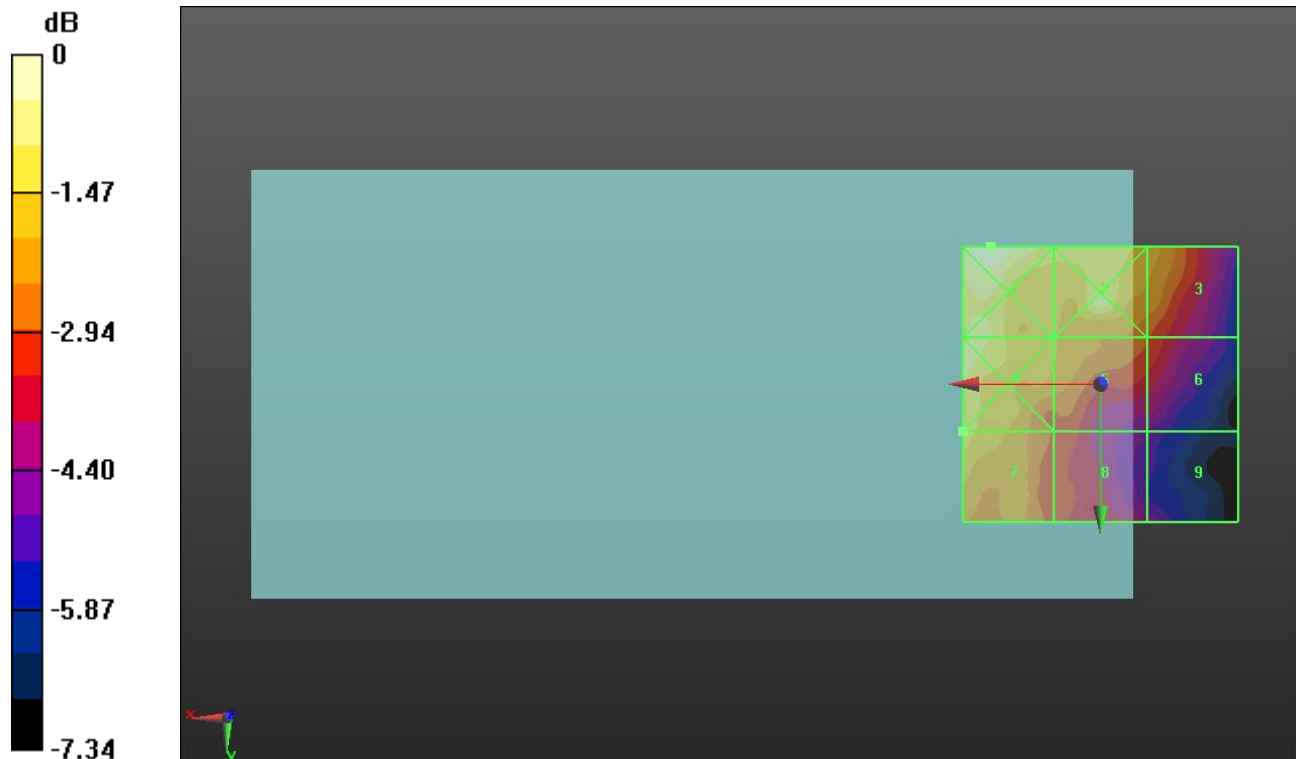
Applied MIF = 3.26 dB

RF audio interference level = 26.07 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>27.25 dBV/m</b> | Grid 2 <b>M4</b><br><b>26.53 dBV/m</b> | Grid 3 <b>M4</b><br><b>25.66 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>26.5 dBV/m</b>  | Grid 5 <b>M4</b><br><b>25.36 dBV/m</b> | Grid 6 <b>M4</b><br><b>24.37 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>26.07 dBV/m</b> | Grid 8 <b>M4</b><br><b>24.28 dBV/m</b> | Grid 9 <b>M4</b><br><b>22.72 dBV/m</b> |



0 dB = 23.04 V/m = 27.25 dBV/m

**CDMA2000 BC1 ANT 2**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1908.75 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**CDMA2000 BC1 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.**

**1175/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 = -0.15 dB

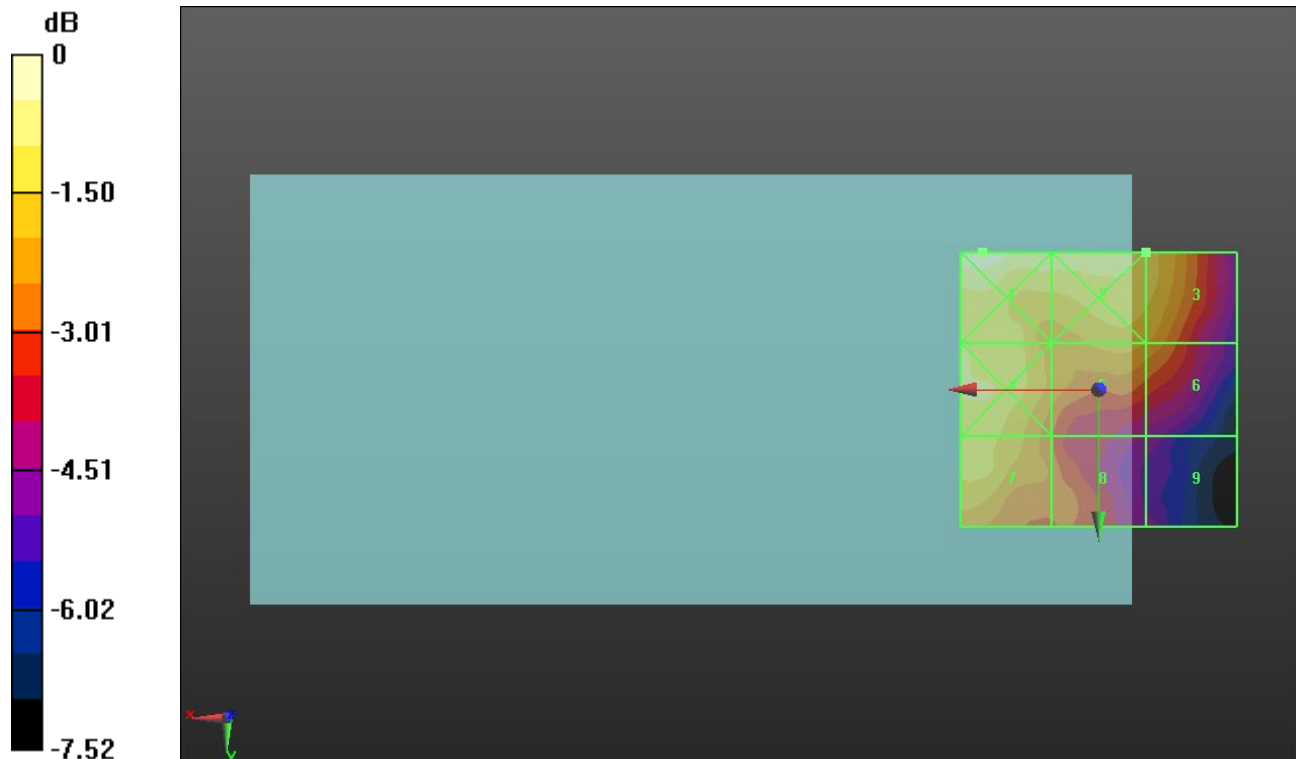
Applied MIF = 3.26 dB

RF audio interference level = 25.86 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>27.02 dBV/m</b> | Grid 2 <b>M4</b><br><b>26.59 dBV/m</b> | Grid 3 <b>M4</b><br><b>25.86 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>26.26 dBV/m</b> | Grid 5 <b>M4</b><br><b>25.26 dBV/m</b> | Grid 6 <b>M4</b><br><b>25.04 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>25.71 dBV/m</b> | Grid 8 <b>M4</b><br><b>24.38 dBV/m</b> | Grid 9 <b>M4</b><br><b>22.43 dBV/m</b> |



0 dB = 22.45 V/m = 27.02 dBV/m

**CDMA2000 BC10 ANT 2**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**CDMA2000 BC10 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.**

**476/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 = 38.27 V/m; Power Drift = -0.03 dB

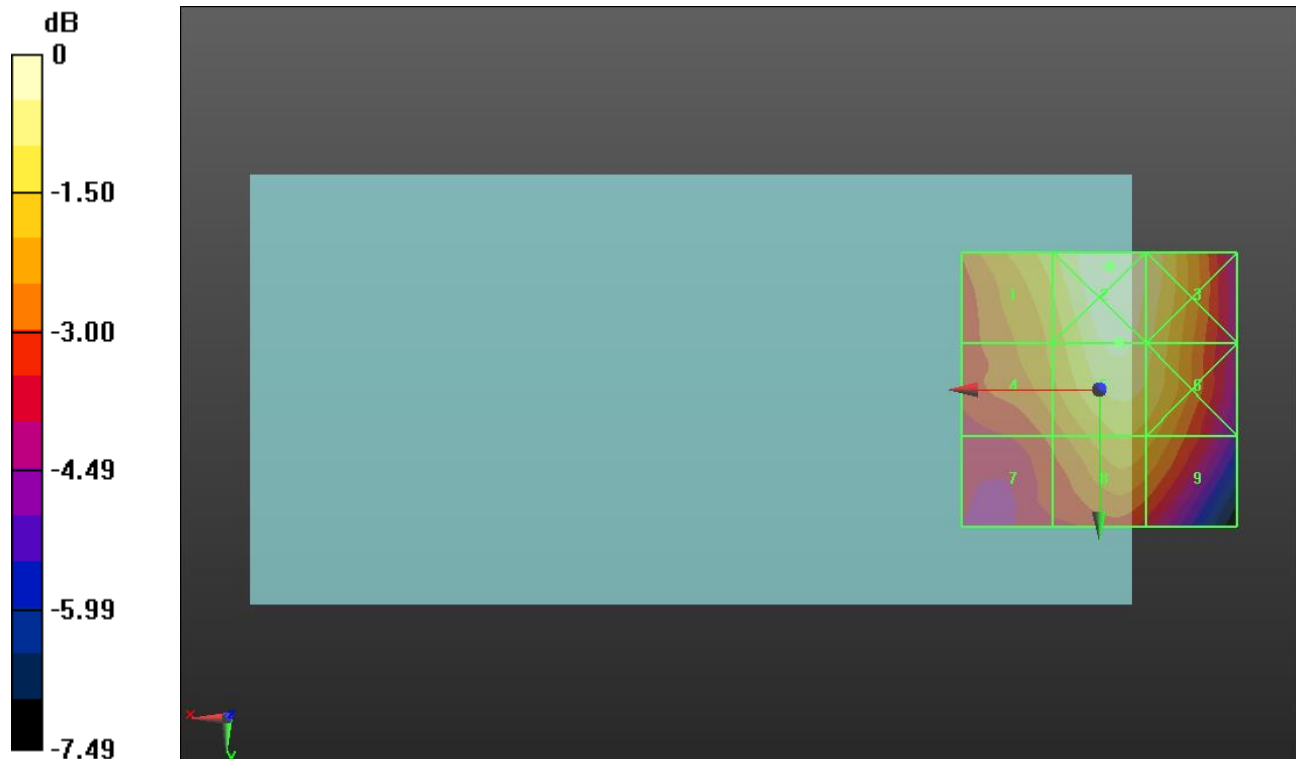
Applied MIF = 3.26 dB

RF audio interference level = 31.29 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>30.53 dBV/m</b> | Grid 2 <b>M4</b><br><b>31.67 dBV/m</b> | Grid 3 <b>M4</b><br><b>31.16 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>29.83 dBV/m</b> | Grid 5 <b>M4</b><br><b>31.29 dBV/m</b> | Grid 6 <b>M4</b><br><b>30.85 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>28.87 dBV/m</b> | Grid 8 <b>M4</b><br><b>30.21 dBV/m</b> | Grid 9 <b>M4</b><br><b>29.93 dBV/m</b> |



0 dB = 38.34 V/m = 31.67 dBV/m

**CDMA2000 BC10 ANT 2**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 820.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**CDMA2000 BC10 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.**

**580/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 = 37.78 V/m; Power Drift = 0.17 dB

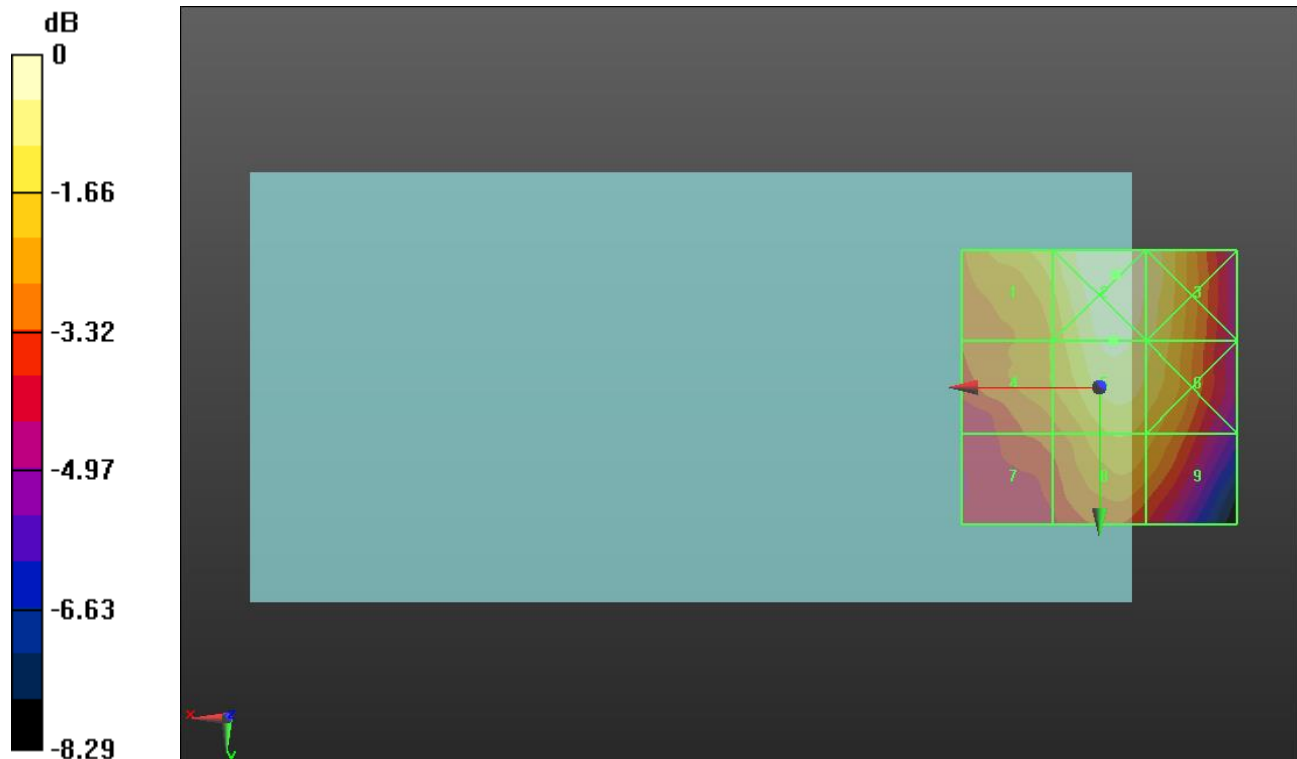
Applied MIF = 3.26 dB

RF audio interference level = 31.34 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>30.63 dBV/m</b> | Grid 2 <b>M4</b><br><b>31.75 dBV/m</b> | Grid 3 <b>M4</b><br><b>31.25 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>29.64 dBV/m</b> | Grid 5 <b>M4</b><br><b>31.34 dBV/m</b> | Grid 6 <b>M4</b><br><b>30.87 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>28.76 dBV/m</b> | Grid 8 <b>M4</b><br><b>30.15 dBV/m</b> | Grid 9 <b>M4</b><br><b>29.82 dBV/m</b> |



0 dB = 38.67 V/m = 31.75 dBV/m

**CDMA2000 BC10 ANT 2**

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 823.1 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**CDMA2000 BC10 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.**

**684/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 = 39.34 V/m; Power Drift = -0.01 dB

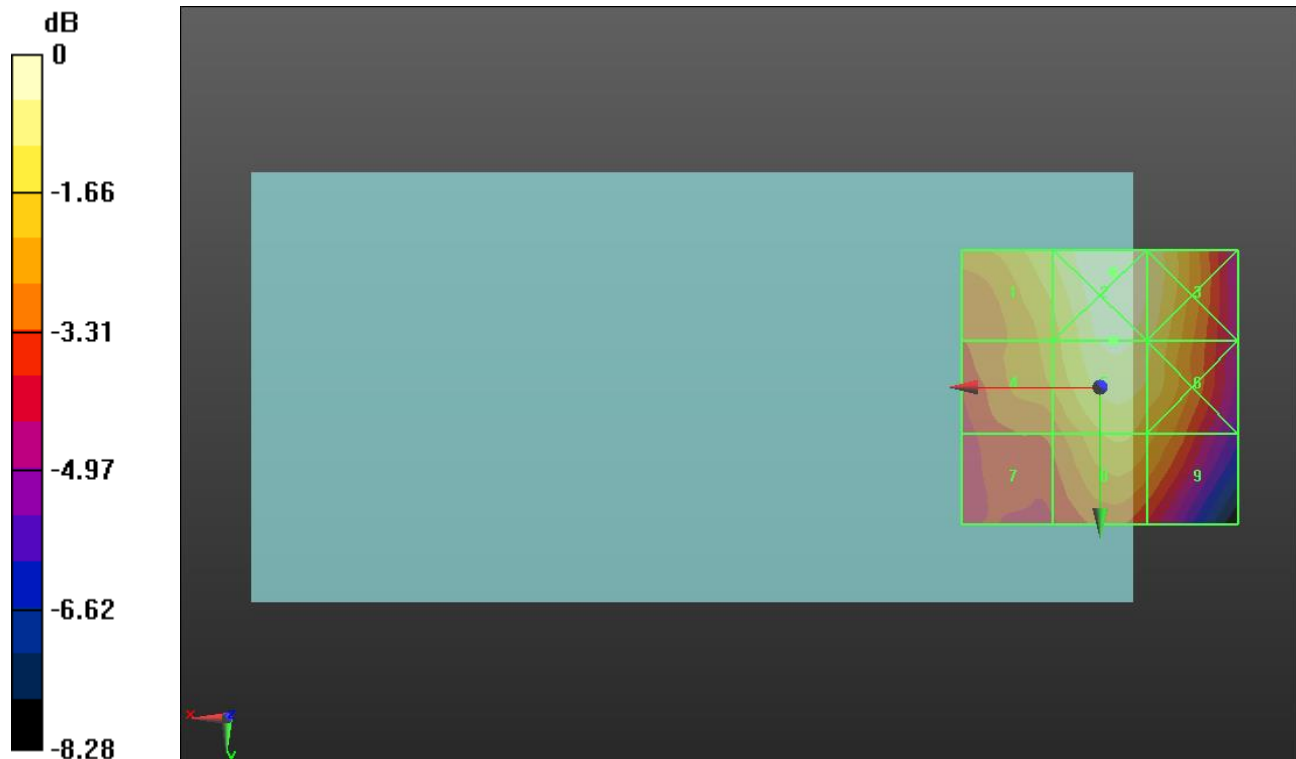
Applied MIF = 3.26 dB

RF audio interference level = 31.38 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>30.79 dBV/m</b> | Grid 2 <b>M4</b><br><b>31.79 dBV/m</b> | Grid 3 <b>M4</b><br><b>31.27 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>29.93 dBV/m</b> | Grid 5 <b>M4</b><br><b>31.38 dBV/m</b> | Grid 6 <b>M4</b><br><b>30.89 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>28.72 dBV/m</b> | Grid 8 <b>M4</b><br><b>30.26 dBV/m</b> | Grid 9 <b>M4</b><br><b>29.82 dBV/m</b> |



0 dB = 38.84 V/m = 31.79 dBV/m



## LTE Band 41 ANT 2

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 - SN4041; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 ANT 2 E-Field measurement/SC-FDMA 1RB 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 = 34.24 V/m; Power Drift = 0.05 dB

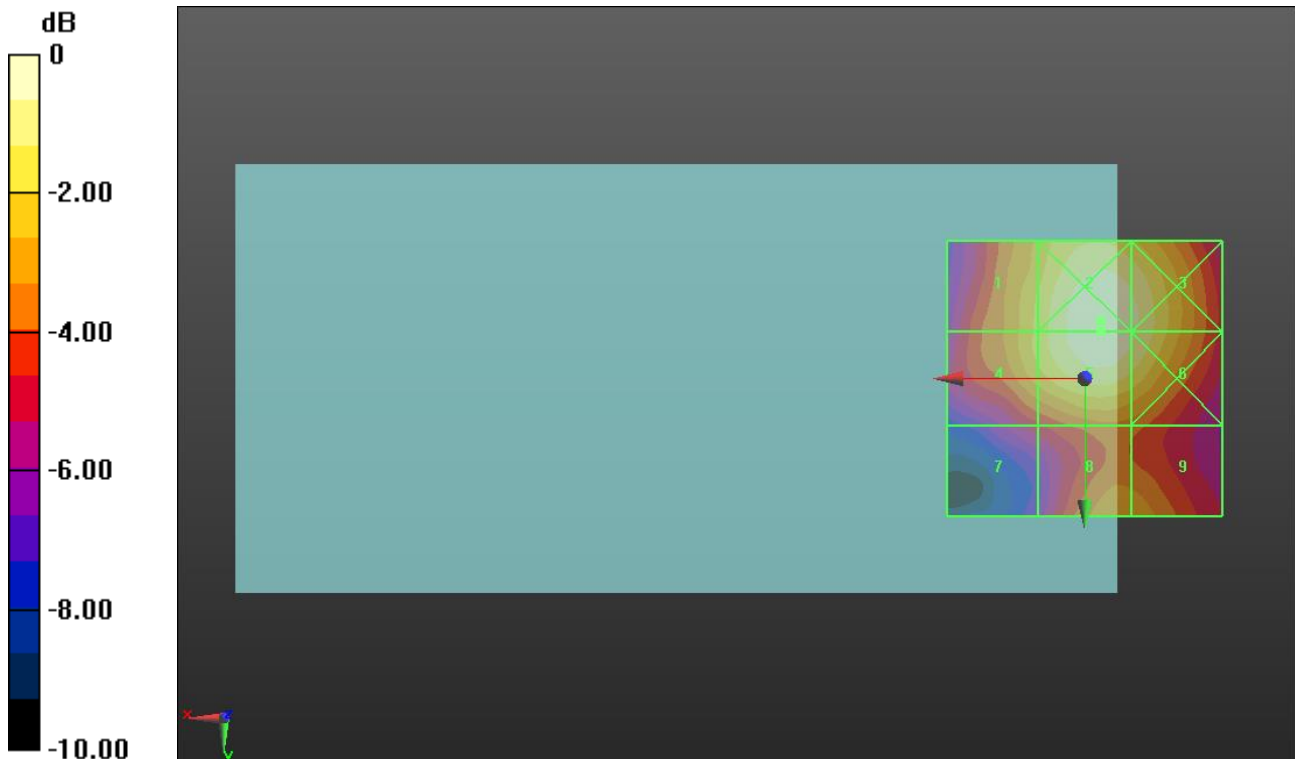
Applied MIF = -1.44 dB

RF audio interference level = 26.68 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>24.92 dBV/m</b> | Grid 2 <b>M4</b><br><b>26.71 dBV/m</b> | Grid 3 <b>M4</b><br><b>26.26 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>24.96 dBV/m</b> | Grid 5 <b>M4</b><br><b>26.68 dBV/m</b> | Grid 6 <b>M4</b><br><b>26.21 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>21.92 dBV/m</b> | Grid 8 <b>M4</b><br><b>23.94 dBV/m</b> | Grid 9 <b>M4</b><br><b>23.87 dBV/m</b> |



0 dB = 21.65 V/m = 26.71 dBV/m

## LTE Band 41 ANT 2

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 - SN4041; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 ANT 2 E-Field measurement/SC-FDMA 1RB 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 = 33.24 V/m; Power Drift = 0.06 dB

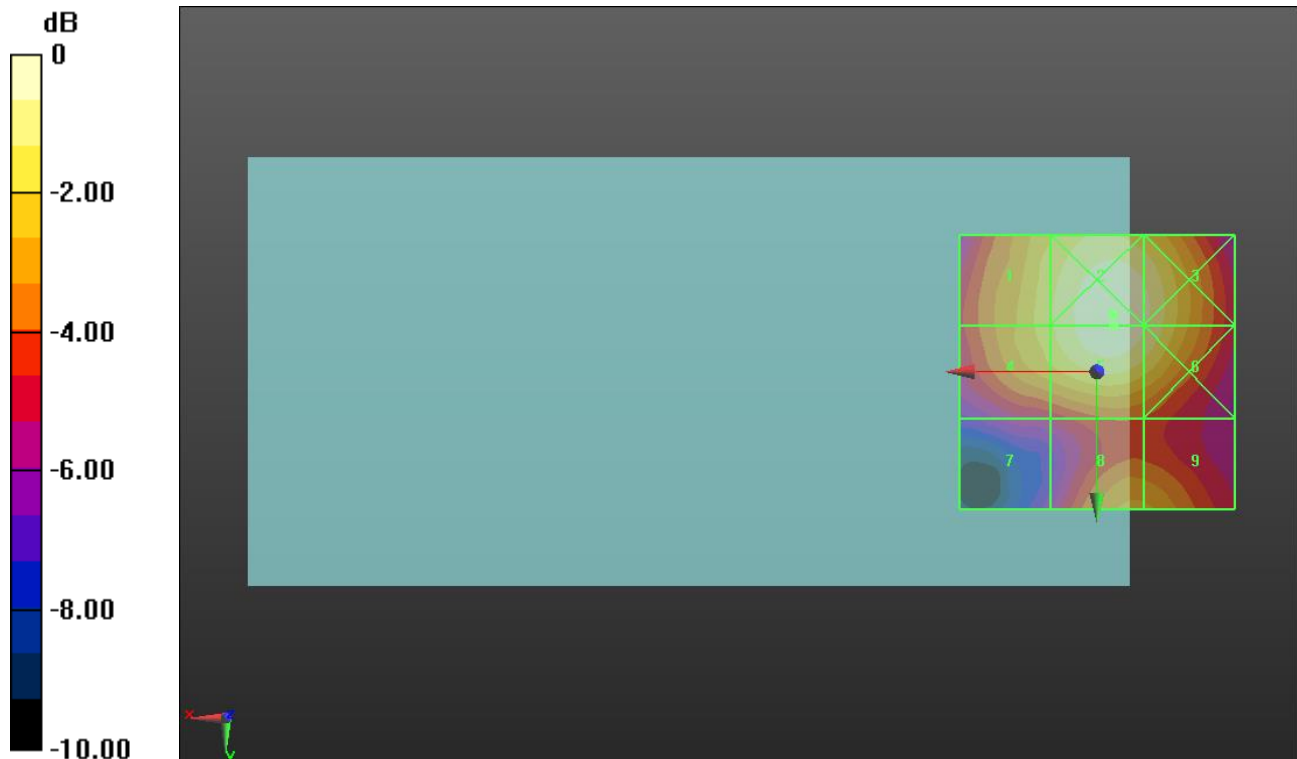
Applied MIF = -1.44 dB

RF audio interference level = 26.56 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                 |                                 |                                 |
|---------------------------------|---------------------------------|---------------------------------|
| Grid 1 <b>M4</b><br>25.18 dBV/m | Grid 2 <b>M4</b><br>26.6 dBV/m  | Grid 3 <b>M4</b><br>26.14 dBV/m |
| Grid 4 <b>M4</b><br>25.14 dBV/m | Grid 5 <b>M4</b><br>26.56 dBV/m | Grid 6 <b>M4</b><br>26.04 dBV/m |
| Grid 7 <b>M4</b><br>21.38 dBV/m | Grid 8 <b>M4</b><br>24.17 dBV/m | Grid 9 <b>M4</b><br>24.12 dBV/m |



0 dB = 21.39 V/m = 26.60 dBV/m

**LTE Band 41 ANT 2**

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 - SN4041; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**LTE Band 41 ANT 2 E-Field measurement/SC-FDMA 1RB 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 = 33.19 V/m; Power Drift = 0.06 dB

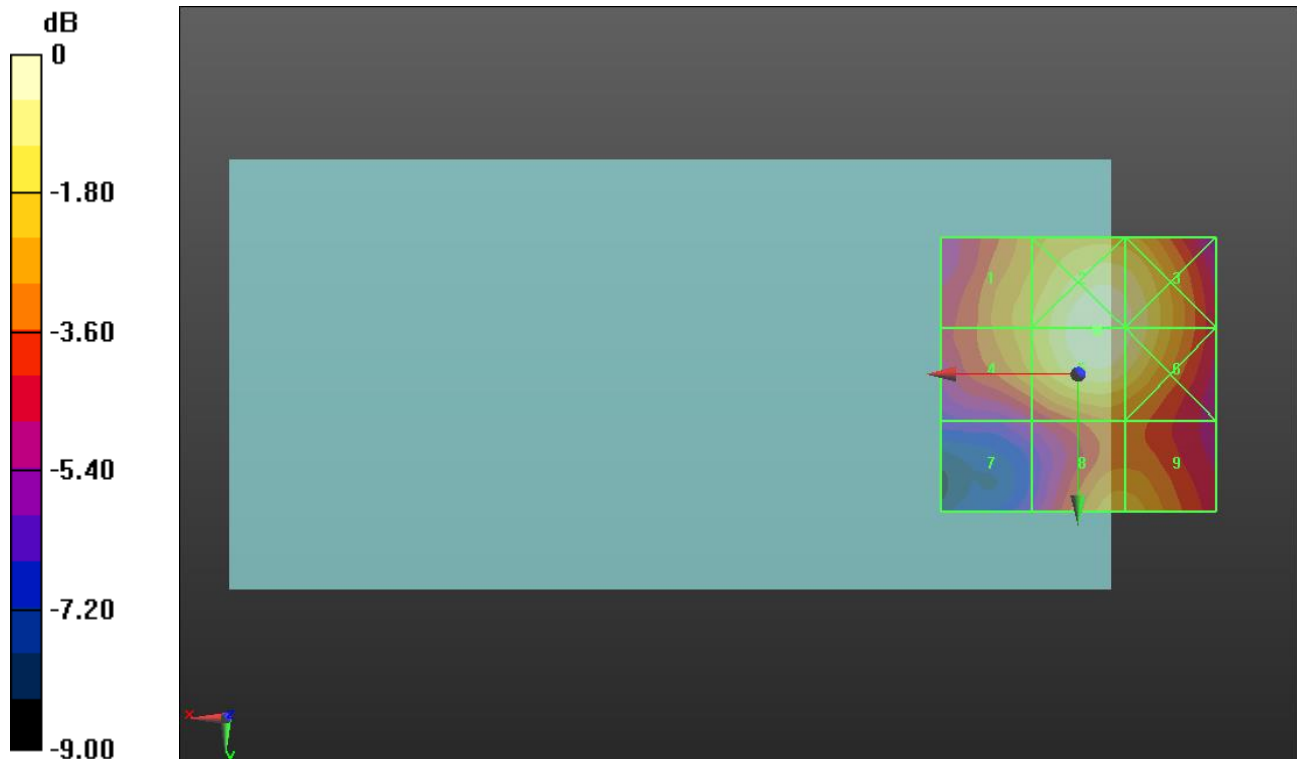
Applied MIF = -1.44 dB

RF audio interference level = 26.08 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>24.25 dBV/m</b> | Grid 2 <b>M4</b><br><b>26.08 dBV/m</b> | Grid 3 <b>M4</b><br><b>25.69 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>24.25 dBV/m</b> | Grid 5 <b>M4</b><br><b>26.08 dBV/m</b> | Grid 6 <b>M4</b><br><b>25.69 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>21.11 dBV/m</b> | Grid 8 <b>M4</b><br><b>24.12 dBV/m</b> | Grid 9 <b>M4</b><br><b>24.08 dBV/m</b> |



0 dB = 20.15 V/m = 26.09 dBV/m

## LTE Band 41 ANT 2

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 - SN4041; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 ANT 2 E-Field measurement/SC-FDMA 1RB 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 = 31.90 V/m; Power Drift = 0.11 dB

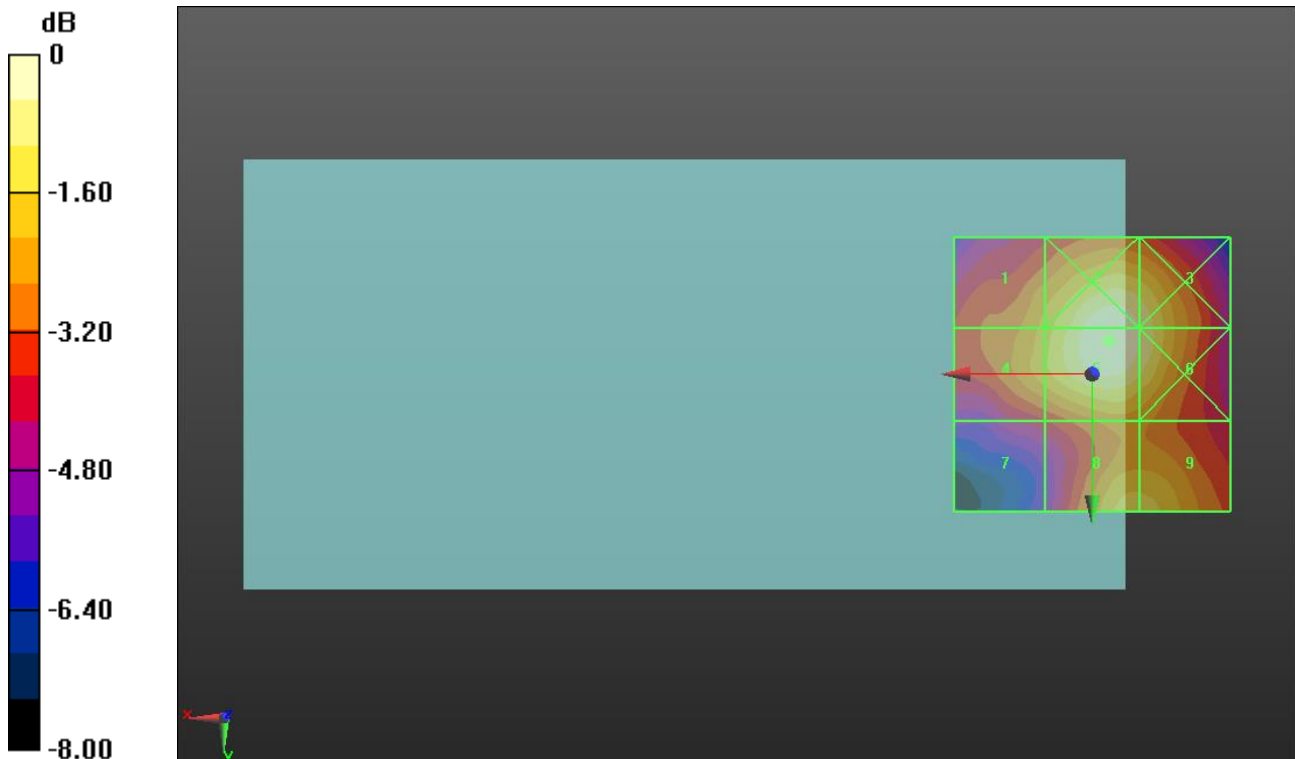
Applied MIF = -1.44 dB

RF audio interference level = 25.40 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>23.51 dBV/m</b> | Grid 2 <b>M4</b><br><b>25.33 dBV/m</b> | Grid 3 <b>M4</b><br><b>24.87 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>23.74 dBV/m</b> | Grid 5 <b>M4</b><br><b>25.4 dBV/m</b>  | Grid 6 <b>M4</b><br><b>24.93 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>21.64 dBV/m</b> | Grid 8 <b>M4</b><br><b>24.12 dBV/m</b> | Grid 9 <b>M4</b><br><b>24.09 dBV/m</b> |



0 dB = 18.62 V/m = 25.40 dBV/m

## LTE Band 41 ANT 2

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 - SN4041; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 ANT 2 E-Field measurement/SC-FDMA 1RB 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 = 32.41 V/m; Power Drift = 0.05 dB

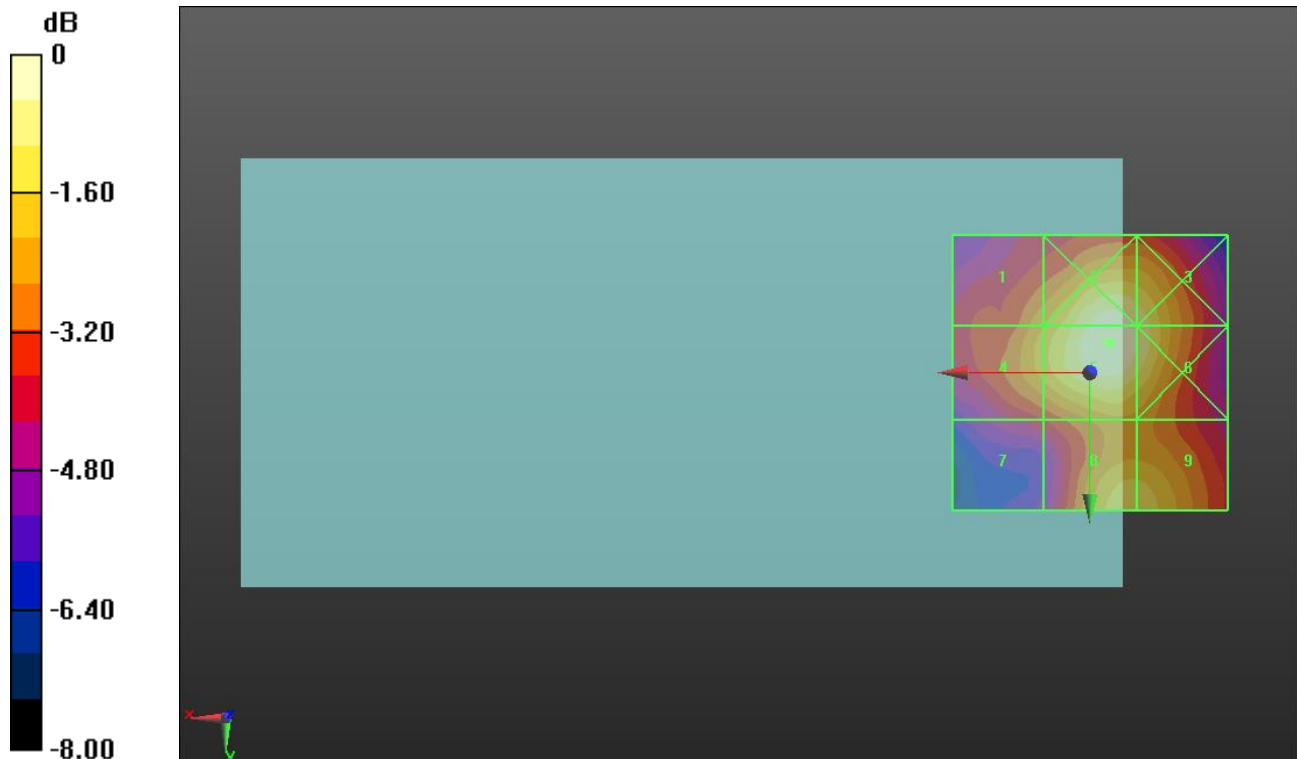
Applied MIF = -1.44 dB

RF audio interference level = 25.15 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>22.98 dBV/m</b> | Grid 2 <b>M4</b><br><b>25.02 dBV/m</b> | Grid 3 <b>M4</b><br><b>24.58 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>23.36 dBV/m</b> | Grid 5 <b>M4</b><br><b>25.15 dBV/m</b> | Grid 6 <b>M4</b><br><b>24.66 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>21.45 dBV/m</b> | Grid 8 <b>M4</b><br><b>23.95 dBV/m</b> | Grid 9 <b>M4</b><br><b>23.9 dBV/m</b>  |



0 dB = 18.10 V/m = 25.15 dBV/m

**GSM 1900 ANT 3**

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**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 = 9.022 V/m; Power Drift = 0.77 dB

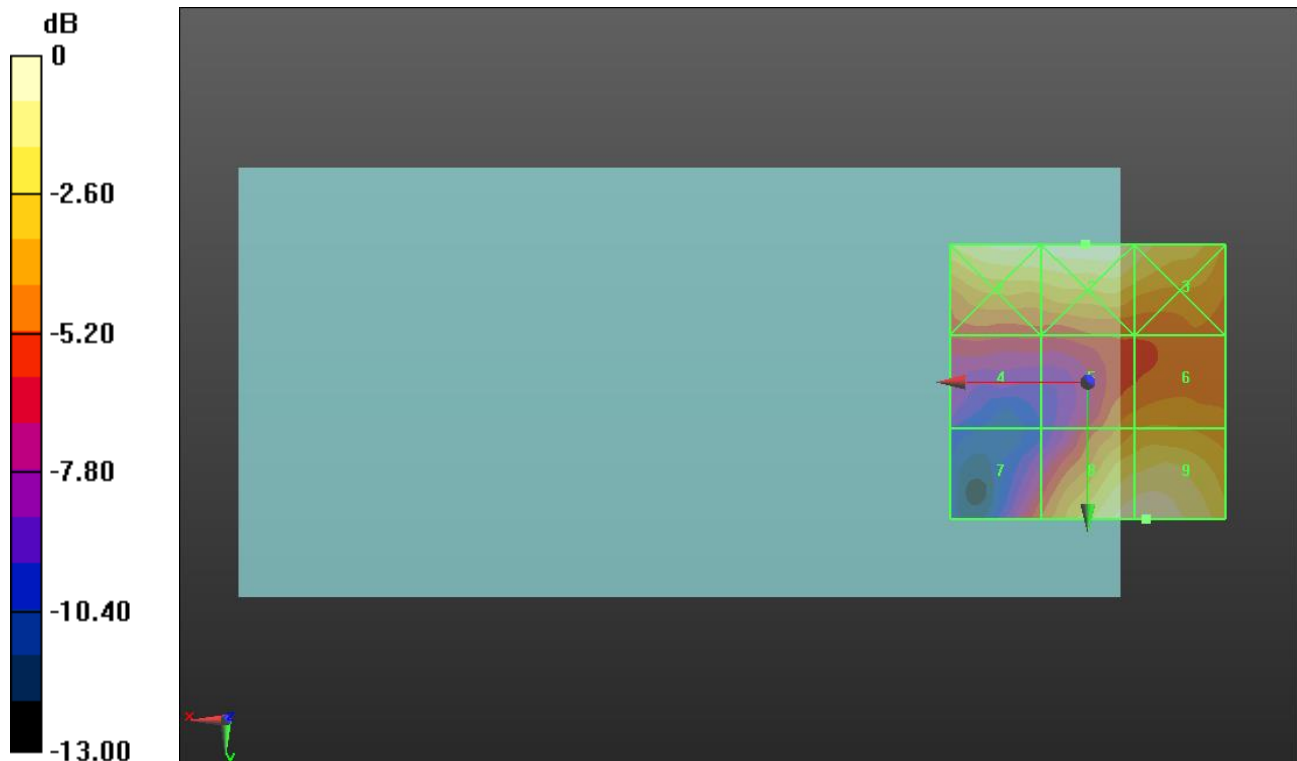
Applied MIF = 3.63 dB

RF audio interference level = 28.21 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>27.9 dBV/m</b>  | Grid 2 <b>M4</b><br><b>28.44 dBV/m</b> | Grid 3 <b>M4</b><br><b>27.32 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>22.73 dBV/m</b> | Grid 5 <b>M4</b><br><b>24.87 dBV/m</b> | Grid 6 <b>M4</b><br><b>25.16 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>23.41 dBV/m</b> | Grid 8 <b>M4</b><br><b>28.14 dBV/m</b> | Grid 9 <b>M4</b><br><b>28.21 dBV/m</b> |



0 dB = 26.41 V/m = 28.44 dBV/m

**GSM 1900 ANT 3**

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**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 = 12.01 V/m; Power Drift = -0.33 dB

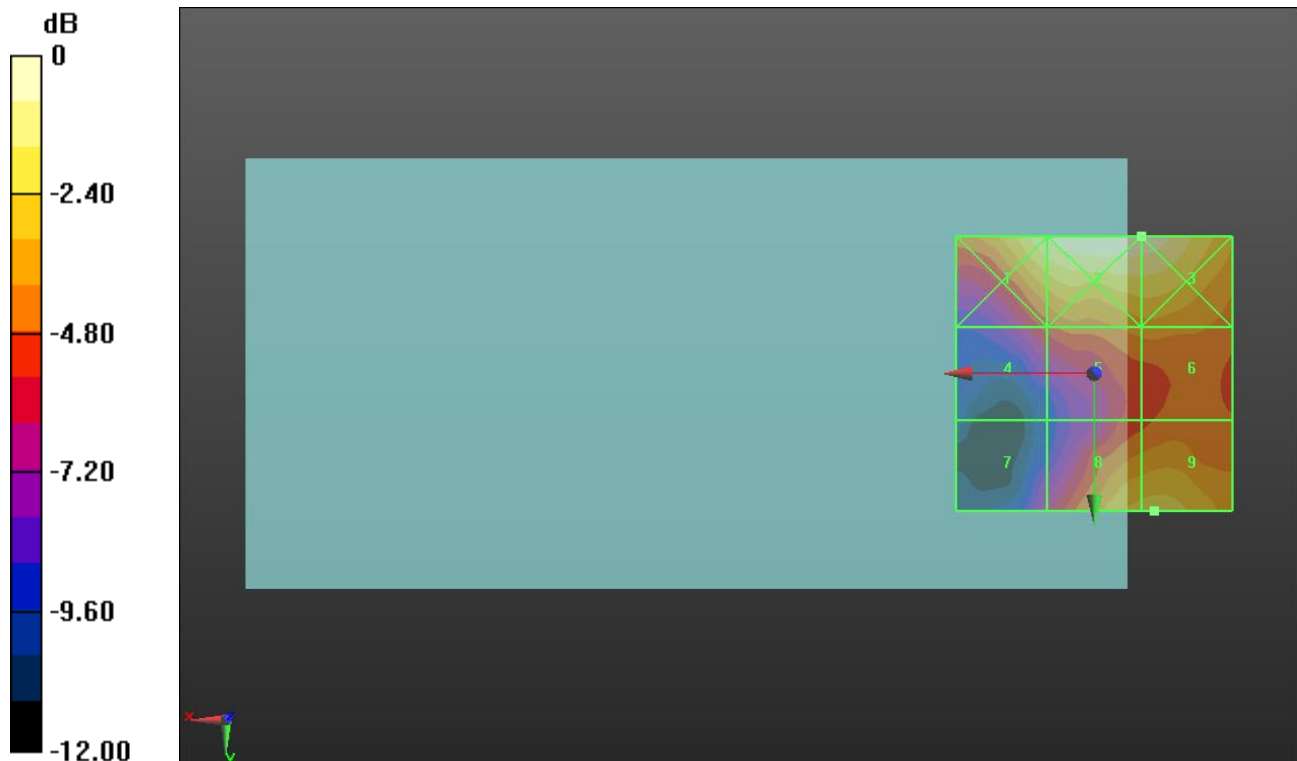
Applied MIF = 3.63 dB

RF audio interference level = 26.55 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>27.83 dBV/m</b> | Grid 2 <b>M4</b><br><b>28.54 dBV/m</b> | Grid 3 <b>M4</b><br><b>28.54 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>23.37 dBV/m</b> | Grid 5 <b>M4</b><br><b>24.97 dBV/m</b> | Grid 6 <b>M4</b><br><b>25.04 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>21.94 dBV/m</b> | Grid 8 <b>M4</b><br><b>26.47 dBV/m</b> | Grid 9 <b>M4</b><br><b>26.55 dBV/m</b> |



0 dB = 26.72 V/m = 28.54 dBV/m

**GSM 1900 ANT 3**

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**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 = 12.85 V/m; Power Drift = -0.44 dB

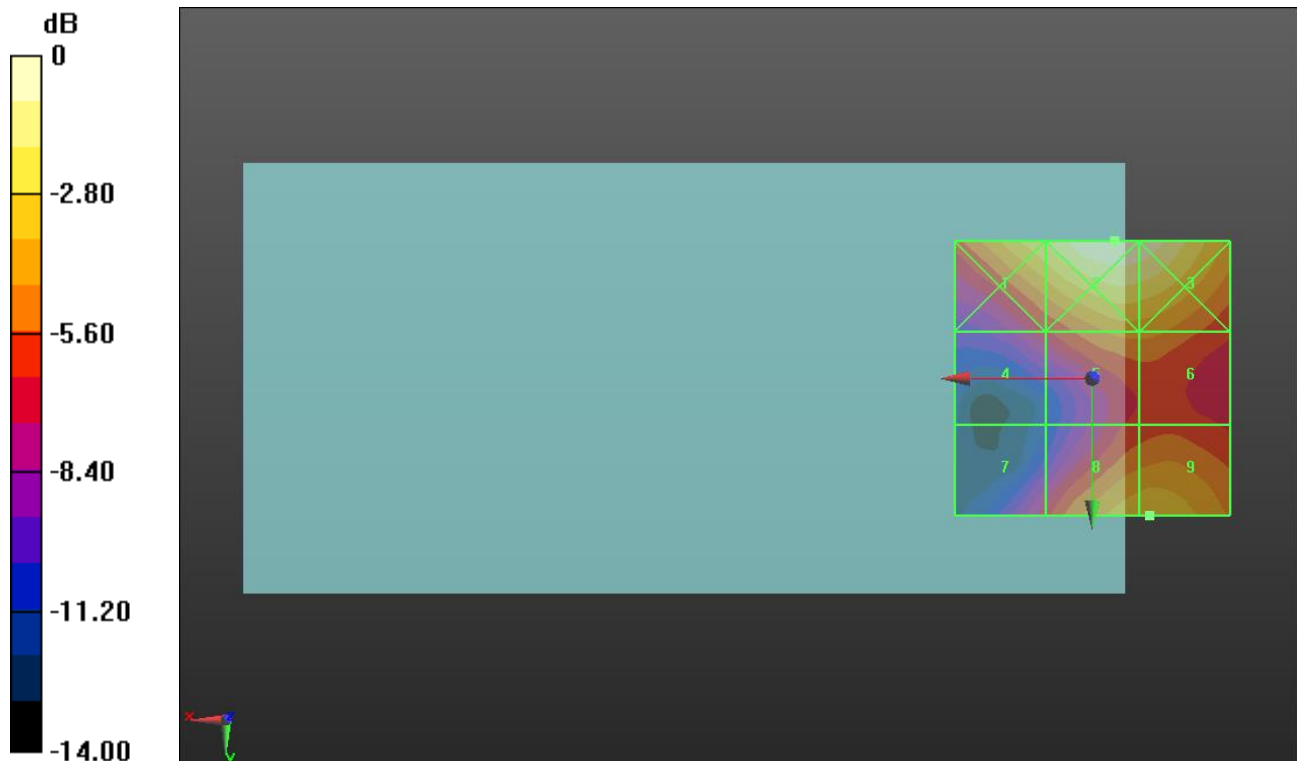
Applied MIF = 3.63 dB

RF audio interference level = 27.74 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>28.92 dBV/m</b> | Grid 2 <b>M3</b><br><b>30.7 dBV/m</b>  | Grid 3 <b>M3</b><br><b>30.46 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>24.03 dBV/m</b> | Grid 5 <b>M4</b><br><b>26.42 dBV/m</b> | Grid 6 <b>M4</b><br><b>26.4 dBV/m</b>  |
| Grid 7 <b>M4</b><br><b>23.8 dBV/m</b>  | Grid 8 <b>M4</b><br><b>27.7 dBV/m</b>  | Grid 9 <b>M4</b><br><b>27.74 dBV/m</b> |



0 dB = 34.26 V/m = 30.70 dBV/m



**LTE Band 41 ANT 3**

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 - SN4041; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**LTE Band 41 ANT 3 E-Field measurement/SC-FDMA 1RB 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 = 12.17 V/m; Power Drift = 0.52 dB

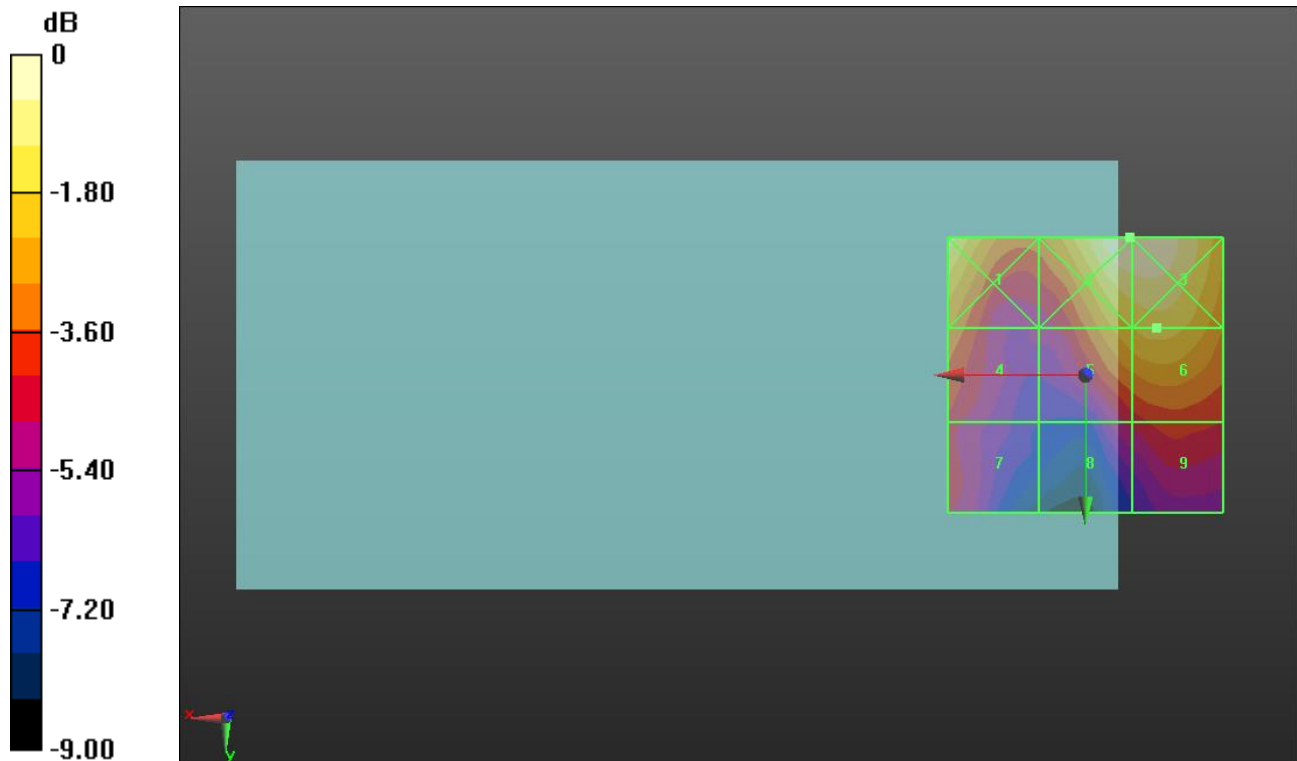
Applied MIF = -1.44 dB

RF audio interference level = 22.73 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>23.59 dBV/m</b> | Grid 2 <b>M4</b><br><b>24.27 dBV/m</b> | Grid 3 <b>M4</b><br><b>24.27 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>21.42 dBV/m</b> | Grid 5 <b>M4</b><br><b>22.45 dBV/m</b> | Grid 6 <b>M4</b><br><b>22.73 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>19.82 dBV/m</b> | Grid 8 <b>M4</b><br><b>19.7 dBV/m</b>  | Grid 9 <b>M4</b><br><b>20.45 dBV/m</b> |



0 dB = 16.36 V/m = 24.28 dBV/m

## LTE Band 41 ANT 3

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 - SN4041; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 ANT 3 E-Field measurement/SC-FDMA 1RB 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 = 11.99 V/m; Power Drift = 0.22 dB

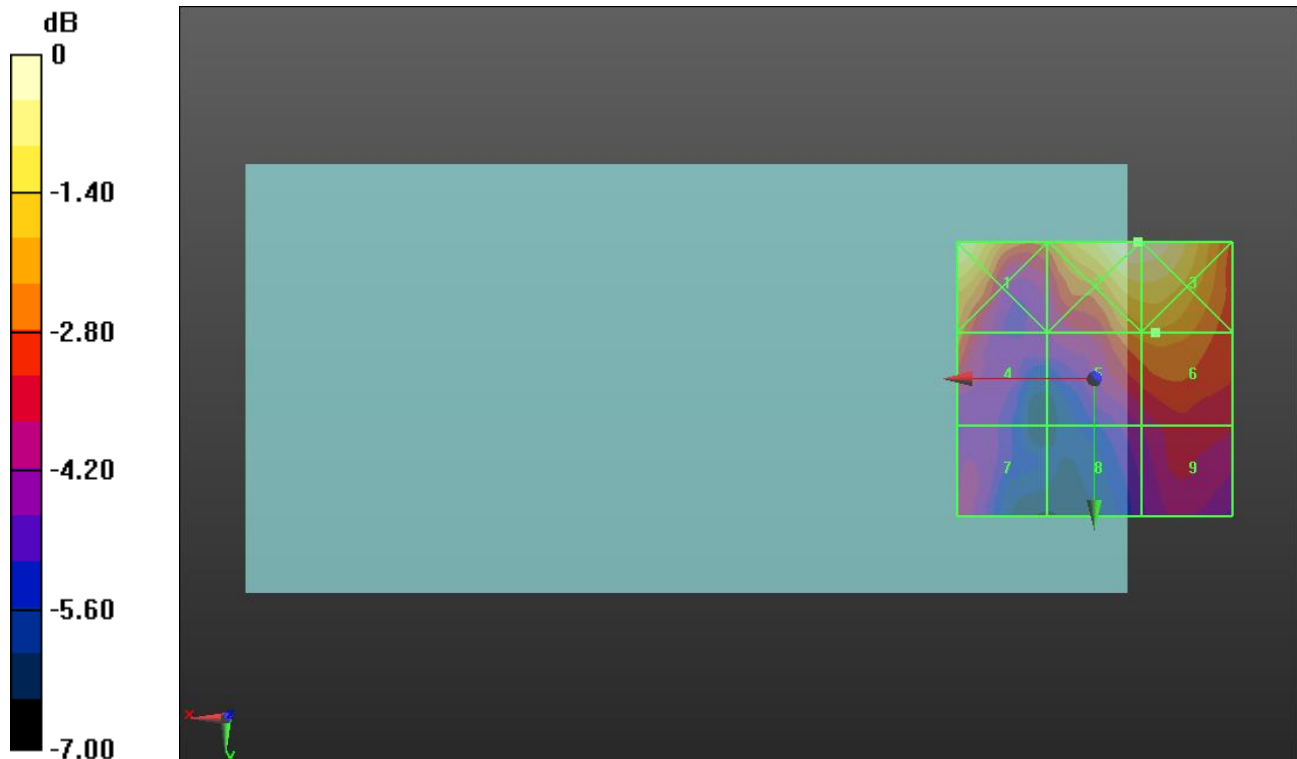
Applied MIF = -1.44 dB

RF audio interference level = 20.72 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>22.59 dBV/m</b> | Grid 2 <b>M4</b><br><b>22.67 dBV/m</b> | Grid 3 <b>M4</b><br><b>22.66 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>20.35 dBV/m</b> | Grid 5 <b>M4</b><br><b>20.6 dBV/m</b>  | Grid 6 <b>M4</b><br><b>20.72 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>18.84 dBV/m</b> | Grid 8 <b>M4</b><br><b>18.57 dBV/m</b> | Grid 9 <b>M4</b><br><b>19.26 dBV/m</b> |



0 dB = 13.60 V/m = 22.67 dBV/m

## LTE Band 41 ANT 3

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 - SN4041; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 ANT 3 E-Field measurement/SC-FDMA 1RB 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 = 10.49 V/m; Power Drift = 0.49 dB

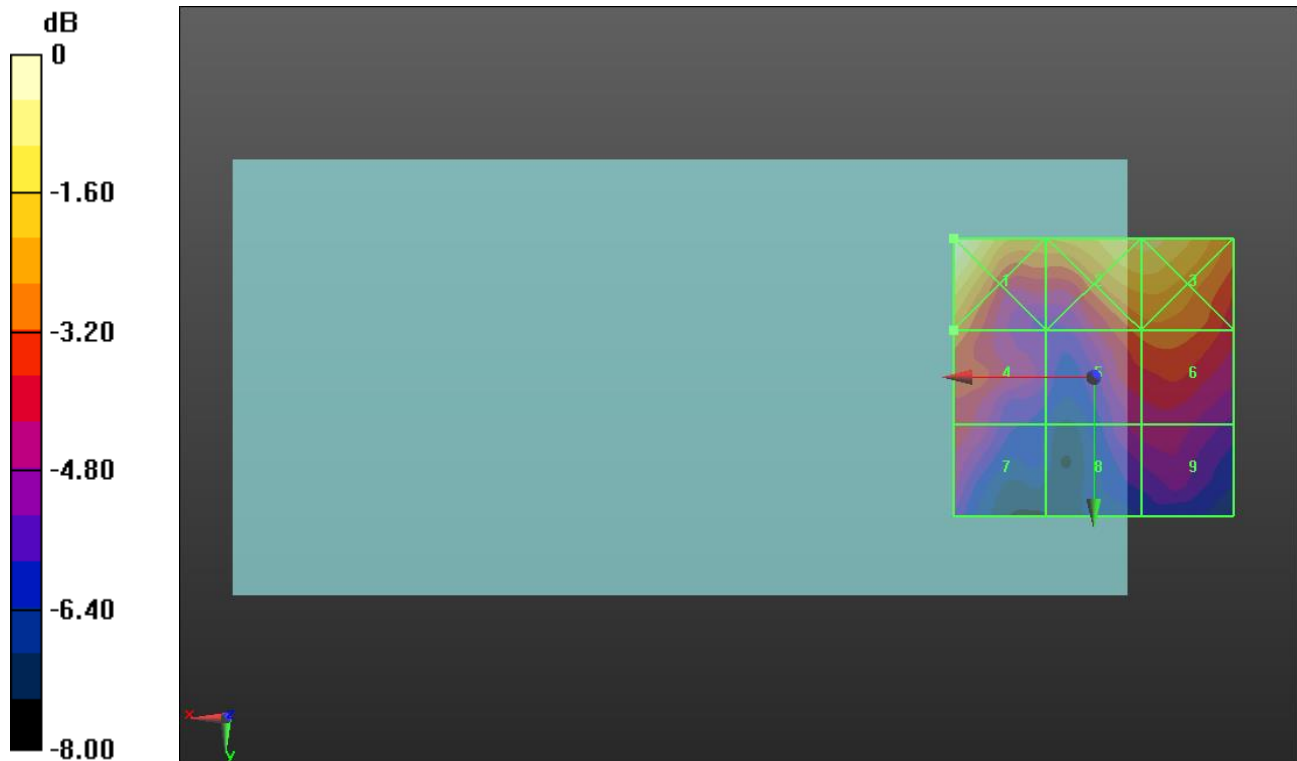
Applied MIF = -1.44 dB

RF audio interference level = 19.62 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>22.16 dBV/m</b> | Grid 2 <b>M4</b><br><b>21.33 dBV/m</b> | Grid 3 <b>M4</b><br><b>21.33 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>19.62 dBV/m</b> | Grid 5 <b>M4</b><br><b>19.19 dBV/m</b> | Grid 6 <b>M4</b><br><b>19.34 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>18.29 dBV/m</b> | Grid 8 <b>M4</b><br><b>17.61 dBV/m</b> | Grid 9 <b>M4</b><br><b>17.75 dBV/m</b> |



0 dB = 12.82 V/m = 22.16 dBV/m

## LTE Band 41 ANT 3

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 - SN4041; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 ANT 3 E-Field measurement/SC-FDMA 1RB 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 = 7.876 V/m; Power Drift = -0.90 dB

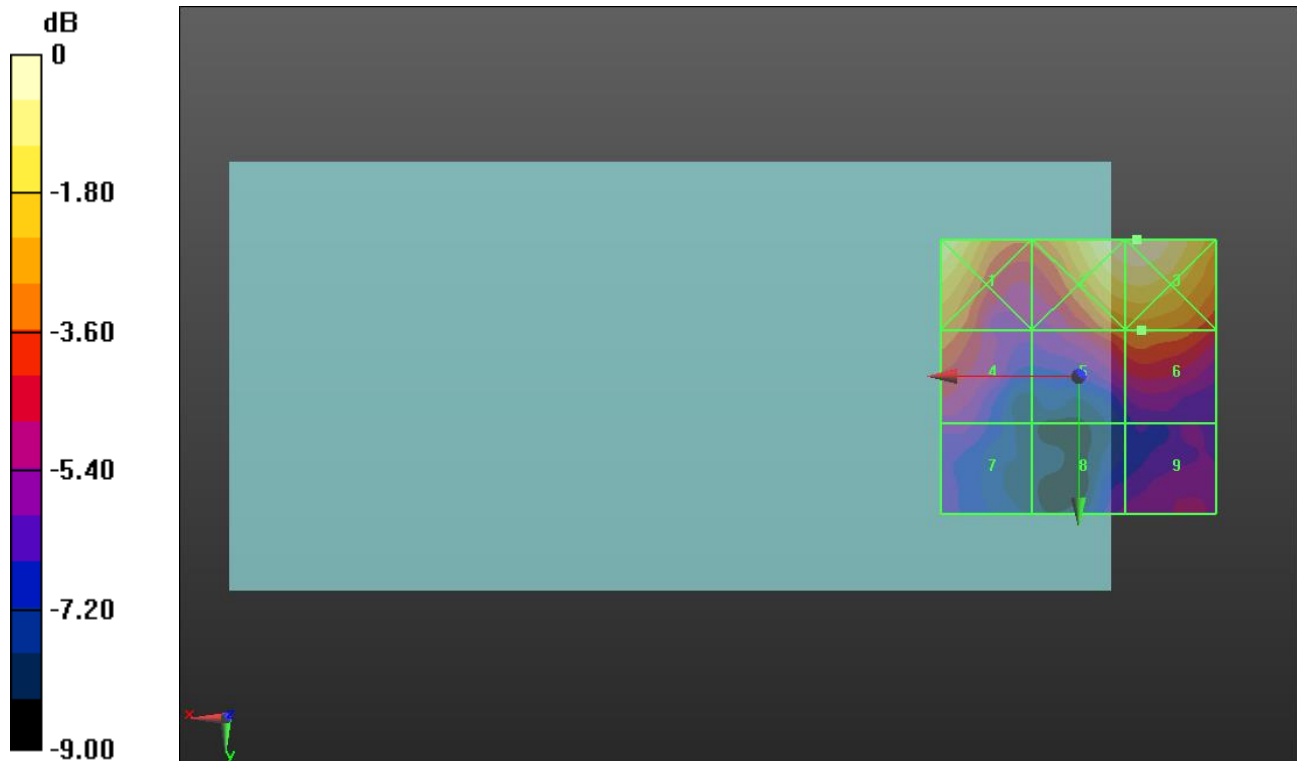
Applied MIF = -1.44 dB

RF audio interference level = 18.11 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>20.53 dBV/m</b> | Grid 2 <b>M4</b><br><b>20.85 dBV/m</b> | Grid 3 <b>M4</b><br><b>20.91 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>17.84 dBV/m</b> | Grid 5 <b>M4</b><br><b>17.91 dBV/m</b> | Grid 6 <b>M4</b><br><b>18.11 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>15.26 dBV/m</b> | Grid 8 <b>M4</b><br><b>15.16 dBV/m</b> | Grid 9 <b>M4</b><br><b>15.88 dBV/m</b> |



0 dB = 11.10 V/m = 20.91 dBV/m

## LTE Band 41 ANT 3

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 - SN4041; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 ANT 3 E-Field measurement/SC-FDMA 1RB 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 = 7.434 V/m; Power Drift = 1.55 dB

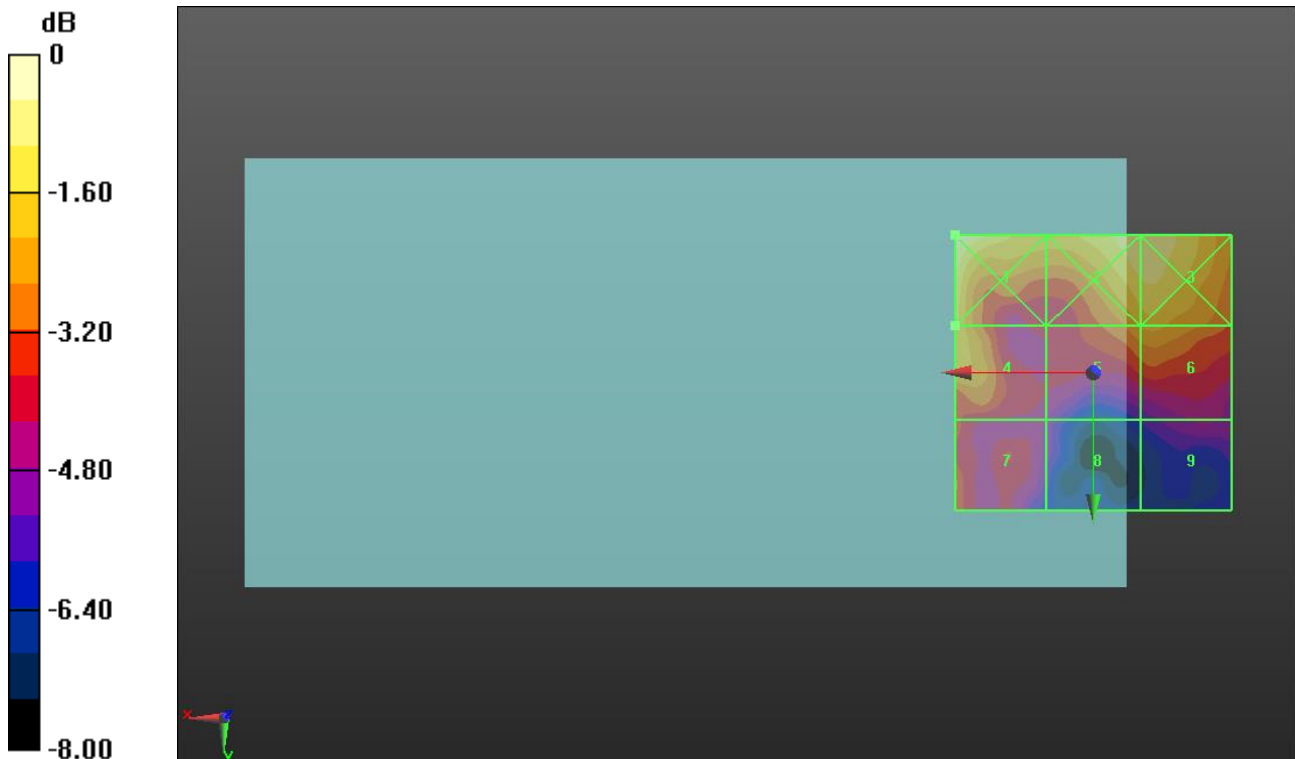
Applied MIF = -1.44 dB

RF audio interference level = 18.60 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>20.07 dBV/m</b> | Grid 2 <b>M4</b><br><b>19.43 dBV/m</b> | Grid 3 <b>M4</b><br><b>19.45 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>18.6 dBV/m</b>  | Grid 5 <b>M4</b><br><b>17.96 dBV/m</b> | Grid 6 <b>M4</b><br><b>18.14 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>17.03 dBV/m</b> | Grid 8 <b>M4</b><br><b>15.29 dBV/m</b> | Grid 9 <b>M4</b><br><b>15.42 dBV/m</b> |



0 dB = 10.09 V/m = 20.08 dBV/m

## LTE Band 41 PC2 ANT 3

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 - SN4041; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 E-Field measurement/SC-FDMA 1RB 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 = 13.09 V/m; Power Drift = -0.22 dB

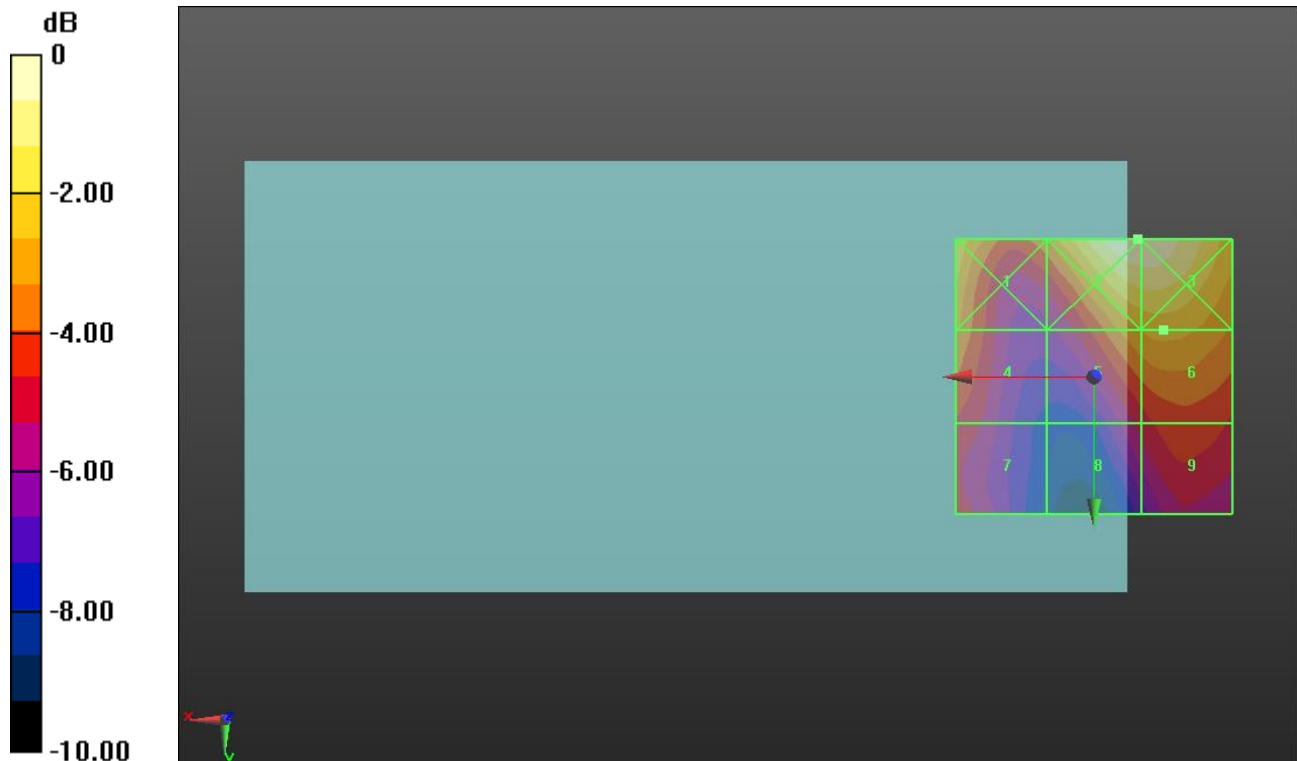
Applied MIF = -1.44 dB

RF audio interference level = 22.76 dBV/m

Emission category: **M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>23.06 dBV/m</b> | Grid 2 <b>M4</b><br><b>25.16 dBV/m</b> | Grid 3 <b>M4</b><br><b>25.15 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>21.92 dBV/m</b> | Grid 5 <b>M4</b><br><b>22.52 dBV/m</b> | Grid 6 <b>M4</b><br><b>22.76 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>20.43 dBV/m</b> | Grid 8 <b>M4</b><br><b>20.1 dBV/m</b>  | Grid 9 <b>M4</b><br><b>20.95 dBV/m</b> |



0 dB = 18.10 V/m = 25.15 dBV/m

## LTE Band 41 PC2 ANT 3

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 - SN4041; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 E-Field measurement/SC-FDMA 1RB 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 = 15.34 V/m; Power Drift = -0.11 dB

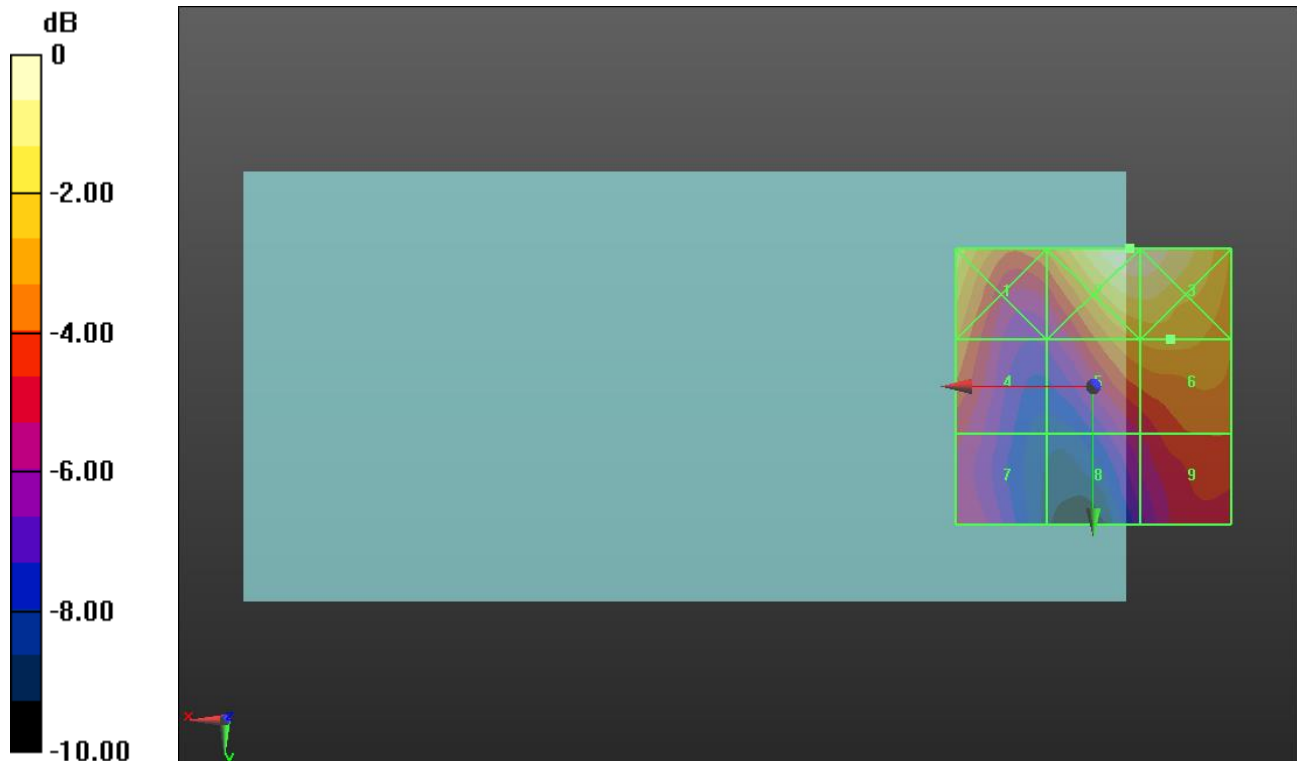
Applied MIF = -1.44 dB

RF audio interference level = 24.36 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>25.45 dBV/m</b> | Grid 2 <b>M4</b><br><b>26.73 dBV/m</b> | Grid 3 <b>M4</b><br><b>26.67 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>23.52 dBV/m</b> | Grid 5 <b>M4</b><br><b>24.17 dBV/m</b> | Grid 6 <b>M4</b><br><b>24.36 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>21.68 dBV/m</b> | Grid 8 <b>M4</b><br><b>21.45 dBV/m</b> | Grid 9 <b>M4</b><br><b>22.78 dBV/m</b> |



0 dB = 21.71 V/m = 26.73 dBV/m

**LTE Band 41 PC2 ANT 3**

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 - SN4041; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**LTE Band 41 E-Field measurement/SC-FDMA 1RB 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 = 14.53 V/m; Power Drift = -0.06 dB

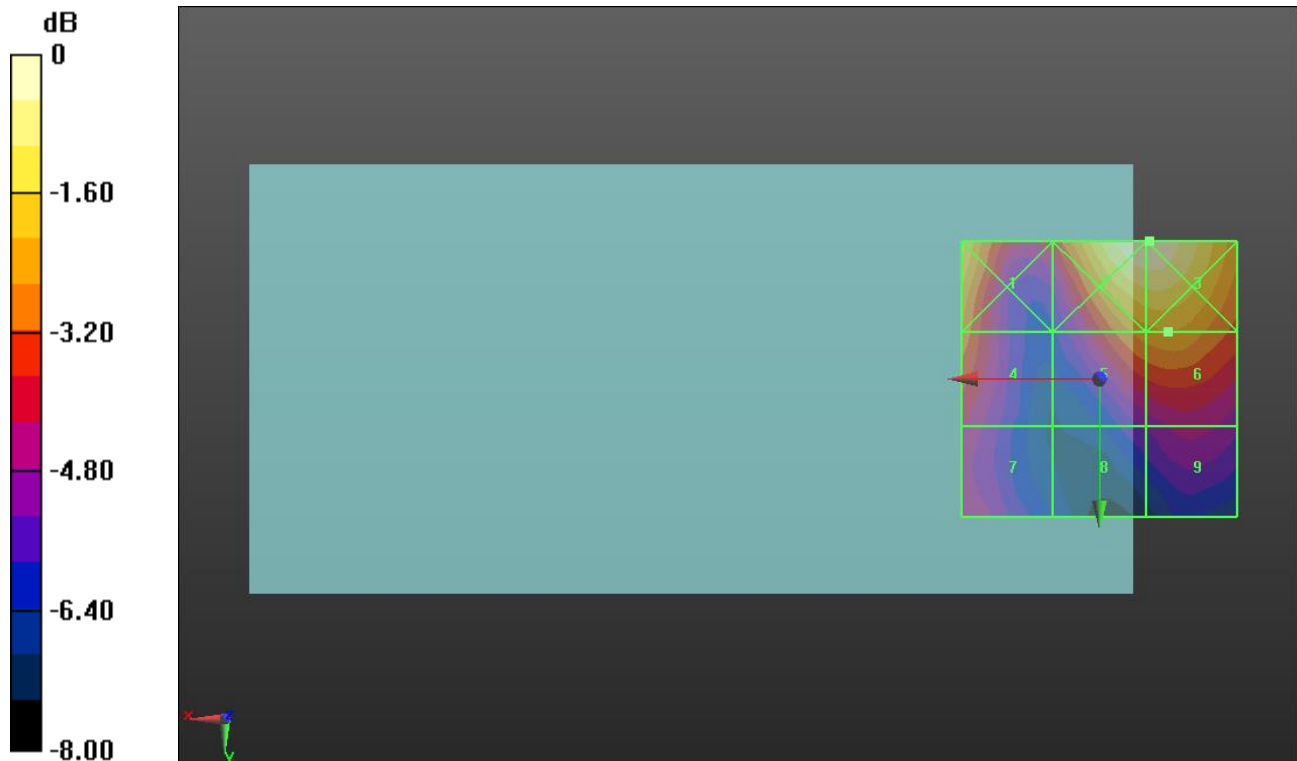
Applied MIF = -1.44 dB

RF audio interference level = 23.39 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>24.26 dBV/m</b> | Grid 2 <b>M4</b><br><b>25.55 dBV/m</b> | Grid 3 <b>M4</b><br><b>25.56 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>22.83 dBV/m</b> | Grid 5 <b>M4</b><br><b>23.22 dBV/m</b> | Grid 6 <b>M4</b><br><b>23.39 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>21.34 dBV/m</b> | Grid 8 <b>M4</b><br><b>20.39 dBV/m</b> | Grid 9 <b>M4</b><br><b>21.03 dBV/m</b> |



0 dB = 18.96 V/m = 25.56 dBV/m



## LTE Band 41 PC2 ANT 3

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 - SN4041; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 E-Field measurement/SC-FDMA 1RB 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 = 15.44 V/m; Power Drift = 0.11 dB

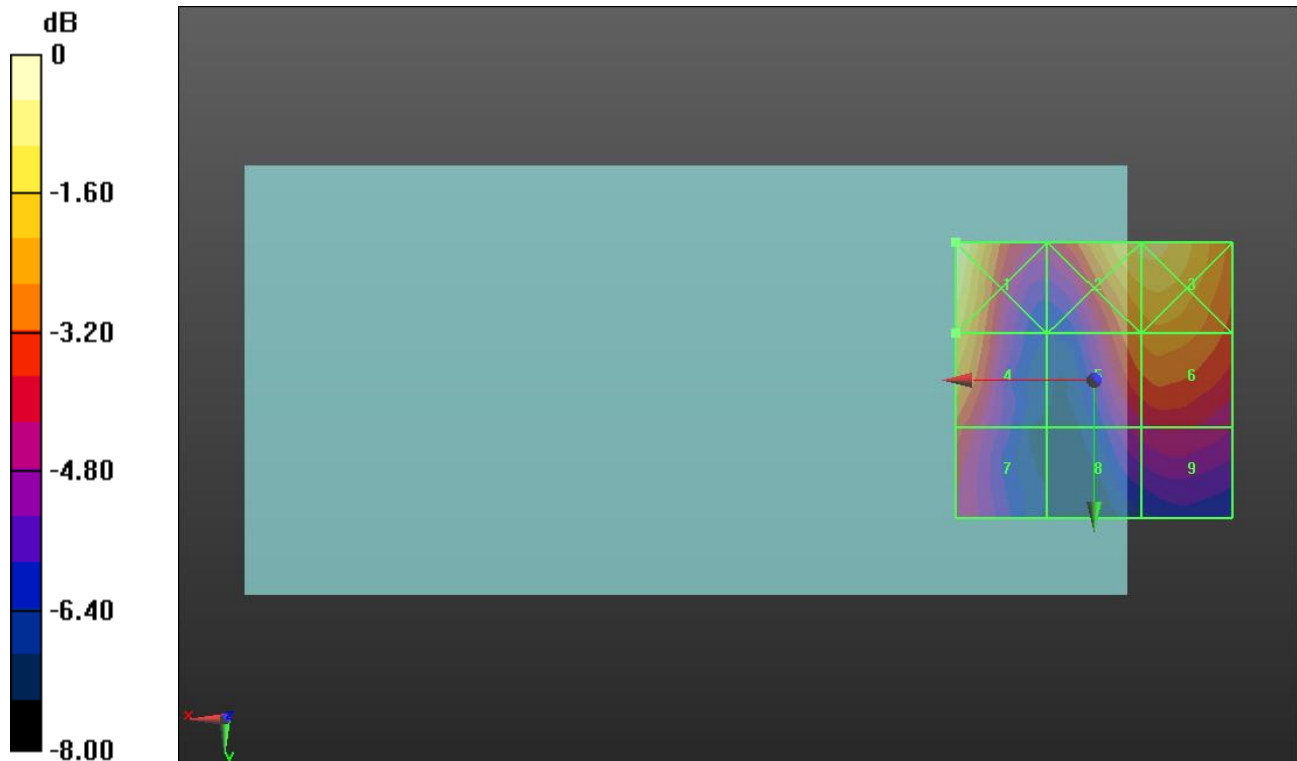
Applied MIF = -1.44 dB

RF audio interference level = 24.29 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>25.81 dBV/m</b> | Grid 2 <b>M4</b><br><b>24.92 dBV/m</b> | Grid 3 <b>M4</b><br><b>24.94 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>24.29 dBV/m</b> | Grid 5 <b>M4</b><br><b>23.28 dBV/m</b> | Grid 6 <b>M4</b><br><b>23.53 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>22.42 dBV/m</b> | Grid 8 <b>M4</b><br><b>21.34 dBV/m</b> | Grid 9 <b>M4</b><br><b>21.64 dBV/m</b> |



0 dB = 19.51 V/m = 25.81 dBV/m

## LTE Band 41 PC2 ANT 3

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 - SN4041; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 E-Field measurement/SC-FDMA 1RB 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 = 14.93 V/m; Power Drift = -0.05 dB

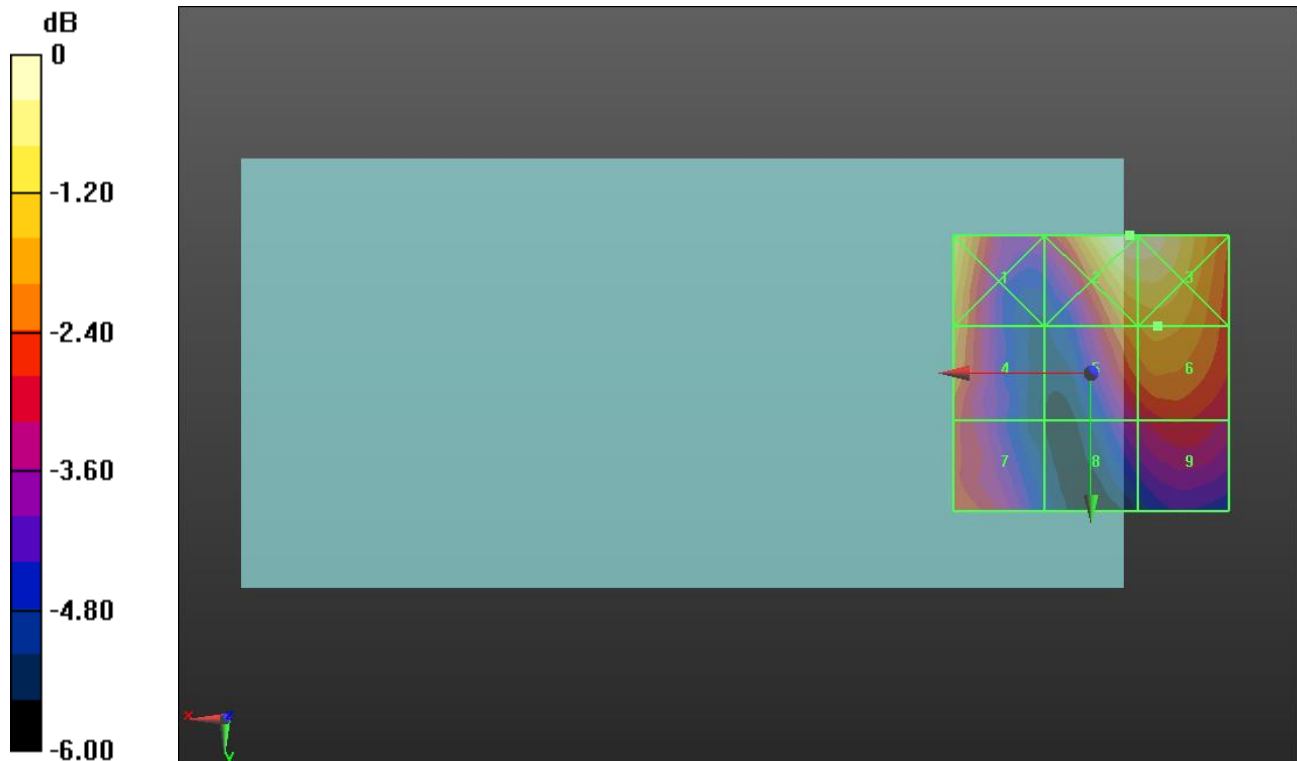
Applied MIF = -1.44 dB

RF audio interference level = 24.09 dBV/m

Emission category: **M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>24.81 dBV/m</b> | Grid 2 <b>M4</b><br><b>25.51 dBV/m</b> | Grid 3 <b>M4</b><br><b>25.49 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>23.78 dBV/m</b> | Grid 5 <b>M4</b><br><b>23.9 dBV/m</b>  | Grid 6 <b>M4</b><br><b>24.09 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>23.15 dBV/m</b> | Grid 8 <b>M4</b><br><b>22.21 dBV/m</b> | Grid 9 <b>M4</b><br><b>22.77 dBV/m</b> |



0 dB = 18.86 V/m = 25.51 dBV/m

## Wi-Fi 2.4 GHz ANT 3

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11b E-Field measurement/DSSS 11 Mbps\_ch 1/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 = 14.77 V/m; Power Drift = -0.00 dB

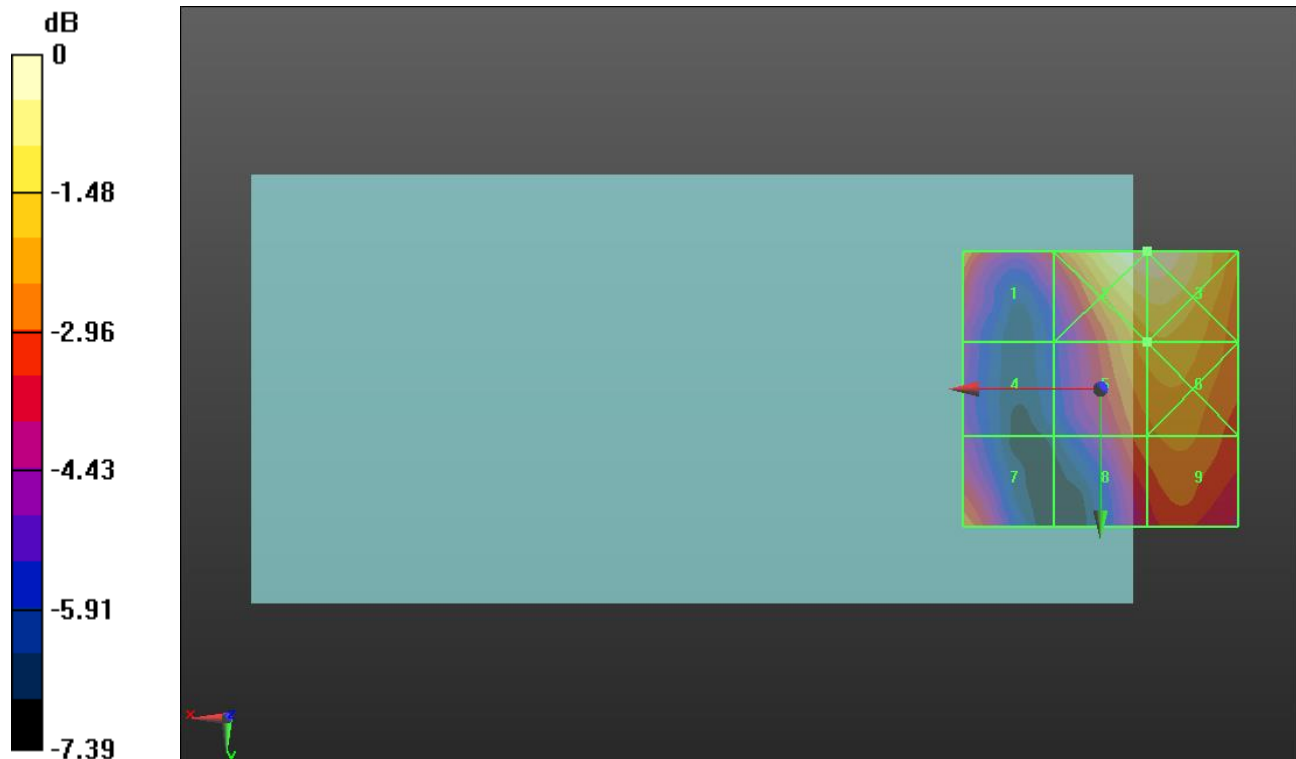
Applied MIF = -2.02 dB

RF audio interference level = 20.86 dBV/m

Emission category: **M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>20.48 dBV/m</b> | Grid 2 <b>M4</b><br><b>22.53 dBV/m</b> | Grid 3 <b>M4</b><br><b>22.53 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>18.01 dBV/m</b> | Grid 5 <b>M4</b><br><b>20.86 dBV/m</b> | Grid 6 <b>M4</b><br><b>20.99 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>19.97 dBV/m</b> | Grid 8 <b>M4</b><br><b>19.9 dBV/m</b>  | Grid 9 <b>M4</b><br><b>20.22 dBV/m</b> |



0 dB = 13.38 V/m = 22.53 dBV/m

## Wi-Fi 2.4 GHz ANT 3

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 - SN4041; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11b E-Field measurement/DSSS 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 = 14.72 V/m; Power Drift = -0.02 dB

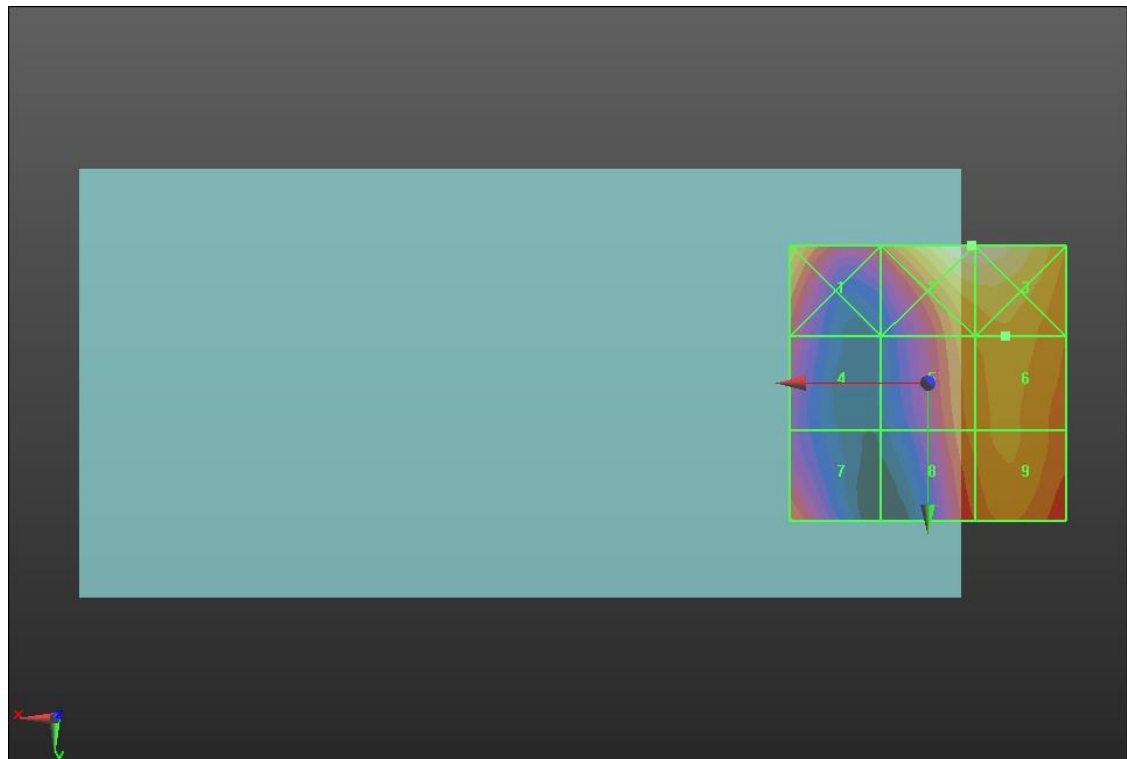
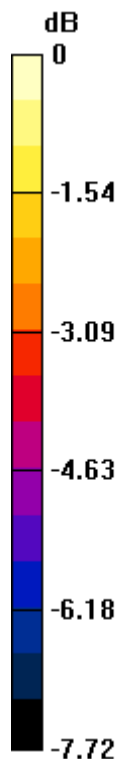
Applied MIF = -2.02 dB

RF audio interference level = 21.59 dBV/m

Emission category: **M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>21.87 dBV/m</b> | Grid 2 <b>M4</b><br><b>23.25 dBV/m</b> | Grid 3 <b>M4</b><br><b>23.25 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>19.46 dBV/m</b> | Grid 5 <b>M4</b><br><b>21.28 dBV/m</b> | Grid 6 <b>M4</b><br><b>21.59 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>20.35 dBV/m</b> | Grid 8 <b>M4</b><br><b>20.9 dBV/m</b>  | Grid 9 <b>M4</b><br><b>21.3 dBV/m</b>  |



0 dB = 14.55 V/m = 23.26 dBV/m

## Wi-Fi 2.4 GHz ANT 3

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 - SN4041; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11b E-Field measurement/DSSS 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 = 14.86 V/m; Power Drift = -0.03 dB

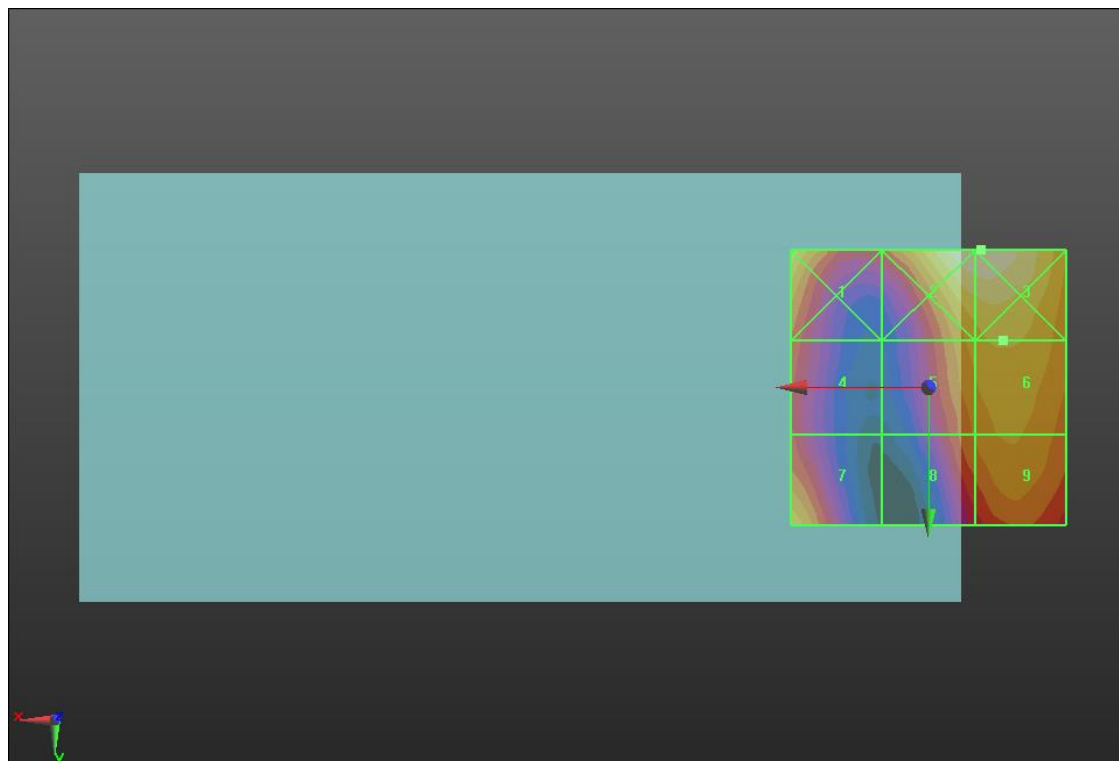
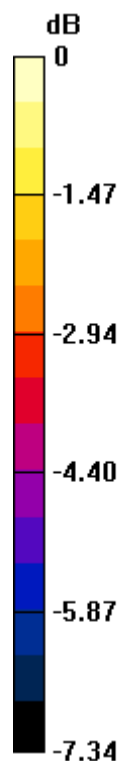
Applied MIF = -2.02 dB

RF audio interference level = 21.97 dBV/m

Emission category: **M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>22.38 dBV/m</b> | Grid 2 <b>M4</b><br><b>23.35 dBV/m</b> | Grid 3 <b>M4</b><br><b>23.36 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>20.42 dBV/m</b> | Grid 5 <b>M4</b><br><b>21.67 dBV/m</b> | Grid 6 <b>M4</b><br><b>21.97 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>21.84 dBV/m</b> | Grid 8 <b>M4</b><br><b>21.01 dBV/m</b> | Grid 9 <b>M4</b><br><b>21.47 dBV/m</b> |



0 dB = 14.72 V/m = 23.36 dBV/m

## Wi-Fi 2.4 GHz ANT 3

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:12.5777

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11g E-Field measurement/DSSS/OFDM, 54 Mbps\_ch 1/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 = 0.05 dB

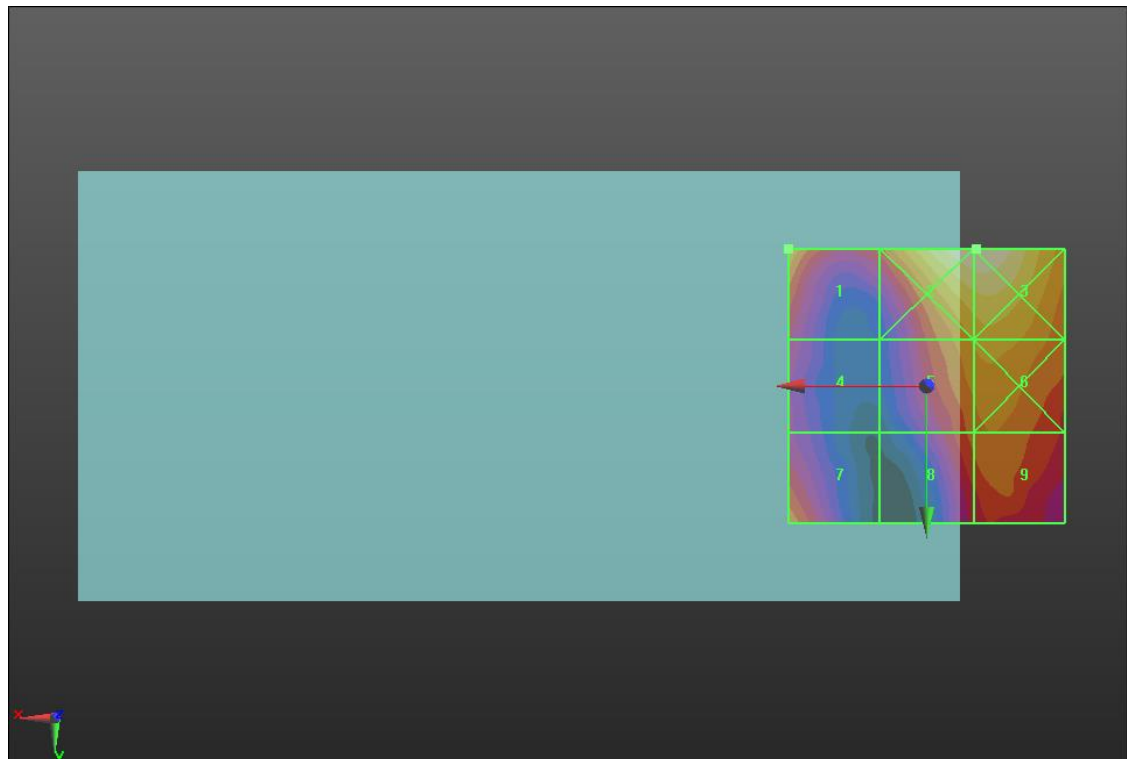
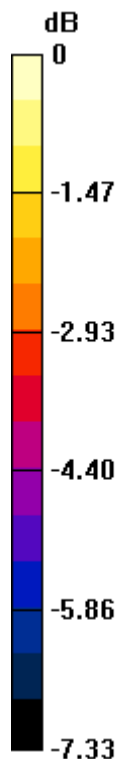
Applied MIF = 0.12 dB

RF audio interference level = 22.20 dBV/m

Emission category: **M4**

MIF scaled E-field

|                                 |                                 |                                 |
|---------------------------------|---------------------------------|---------------------------------|
| Grid 1 <b>M4</b><br>22.2 dBV/m  | Grid 2 <b>M4</b><br>23.88 dBV/m | Grid 3 <b>M4</b><br>23.88 dBV/m |
| Grid 4 <b>M4</b><br>20.05 dBV/m | Grid 5 <b>M4</b><br>22.04 dBV/m | Grid 6 <b>M4</b><br>22.23 dBV/m |
| Grid 7 <b>M4</b><br>21.33 dBV/m | Grid 8 <b>M4</b><br>21.17 dBV/m | Grid 9 <b>M4</b><br>21.45 dBV/m |



0 dB = 15.64 V/m = 23.88 dBV/m

## Wi-Fi 2.4 GHz ANT 3

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 - SN4041; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11g E-Field measurement/DSSS/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 = 14.21 V/m; Power Drift = -0.04 dB

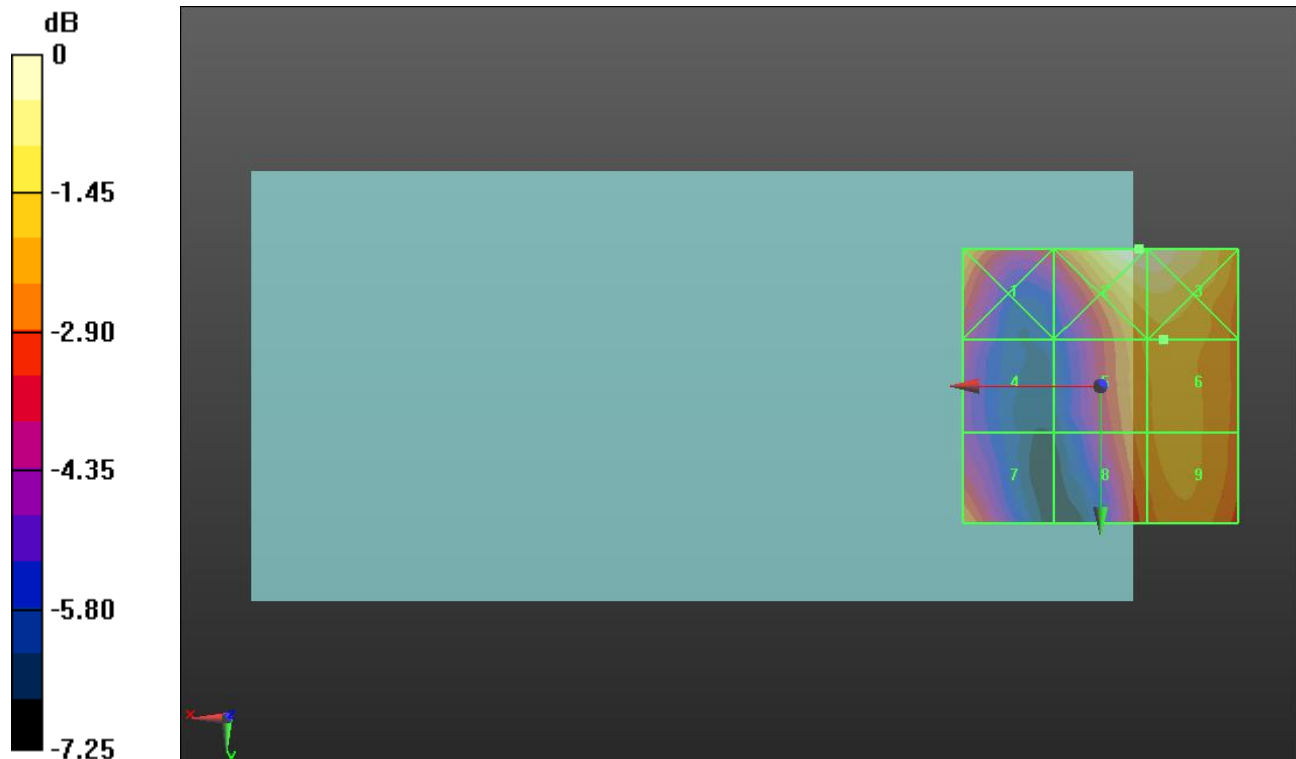
Applied MIF = 0.12 dB

RF audio interference level = 22.97 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>23.13 dBV/m</b> | Grid 2 <b>M4</b><br><b>24.55 dBV/m</b> | Grid 3 <b>M4</b><br><b>24.53 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>20.71 dBV/m</b> | Grid 5 <b>M4</b><br><b>22.78 dBV/m</b> | Grid 6 <b>M4</b><br><b>22.97 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>22.36 dBV/m</b> | Grid 8 <b>M4</b><br><b>22.5 dBV/m</b>  | Grid 9 <b>M4</b><br><b>22.86 dBV/m</b> |



0 dB = 16.89 V/m = 24.55 dBV/m

**Wi-Fi 2.4 GHz ANT 3**

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:12.5777

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**802.11g E-Field measurement/DSSS/OFDM, 54 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 = 14.43 V/m; Power Drift = -0.04 dB

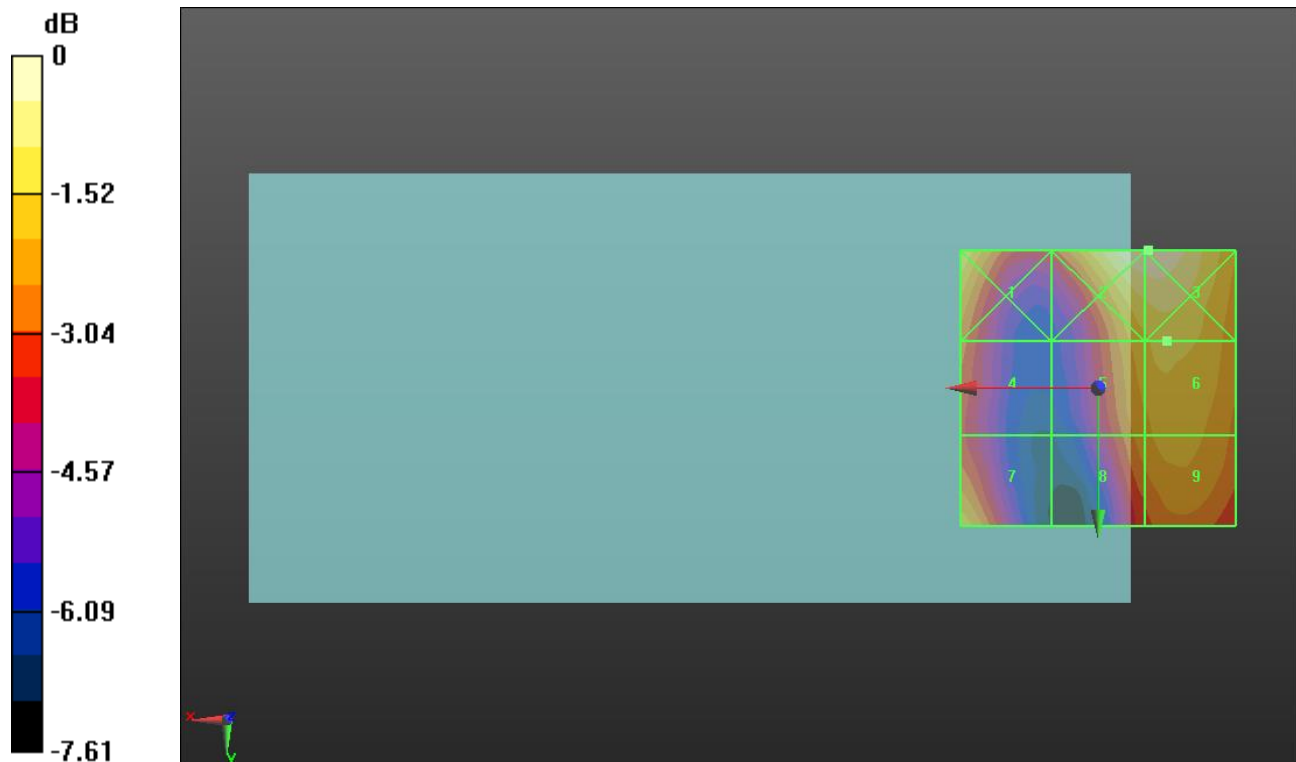
Applied MIF = 0.12 dB

RF audio interference level = 23.65 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>24.2 dBV/m</b>  | Grid 2 <b>M4</b><br><b>24.99 dBV/m</b> | Grid 3 <b>M4</b><br><b>25 dBV/m</b>    |
| Grid 4 <b>M4</b><br><b>22.26 dBV/m</b> | Grid 5 <b>M4</b><br><b>23.4 dBV/m</b>  | Grid 6 <b>M4</b><br><b>23.65 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>23.37 dBV/m</b> | Grid 8 <b>M4</b><br><b>22.81 dBV/m</b> | Grid 9 <b>M4</b><br><b>23.15 dBV/m</b> |



0 dB = 17.78 V/m = 25.00 dBV/m



**GSM 1900 ANT 4**

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**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 = 0.77 dB

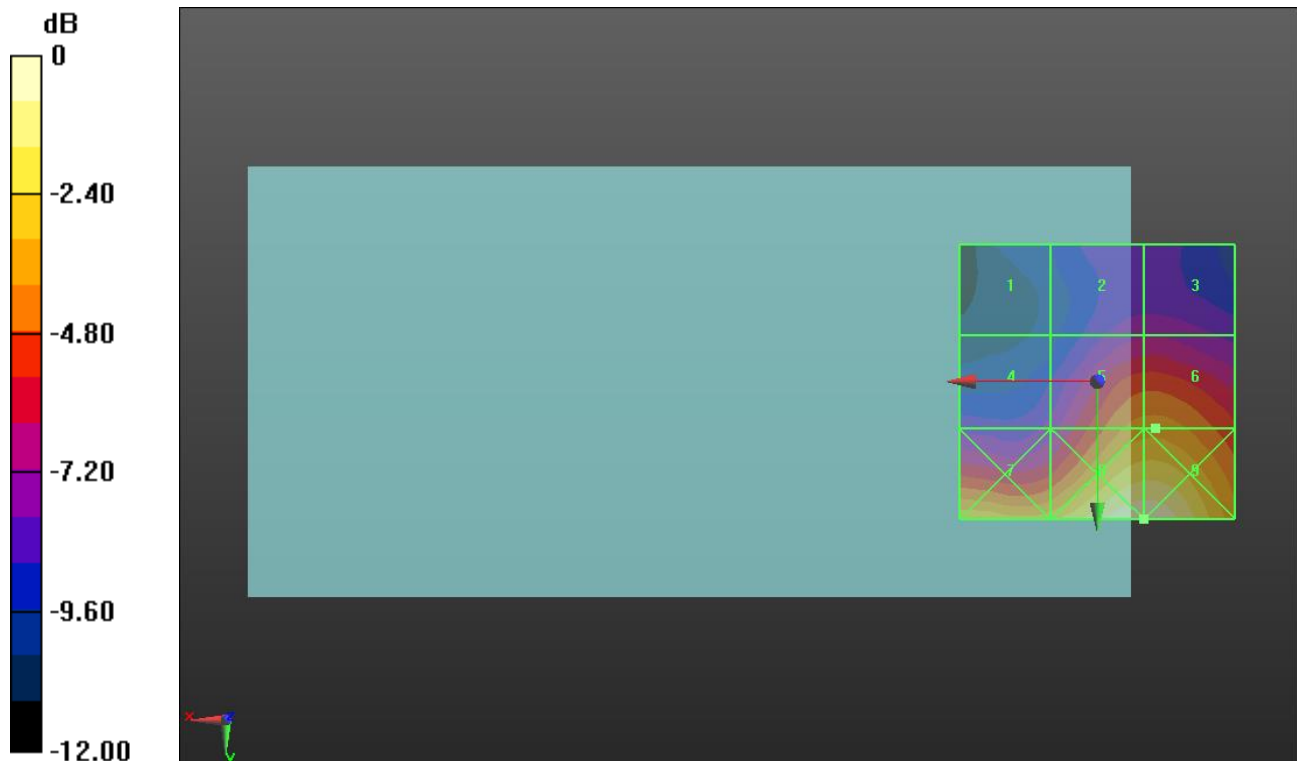
Applied MIF = 3.63 dB

RF audio interference level = 30.55 dBV/m

**Emission category: M3**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>24.61 dBV/m</b> | Grid 2 <b>M4</b><br><b>26.78 dBV/m</b> | Grid 3 <b>M4</b><br><b>26.8 dBV/m</b>  |
| Grid 4 <b>M4</b><br><b>26.49 dBV/m</b> | Grid 5 <b>M3</b><br><b>30.51 dBV/m</b> | Grid 6 <b>M3</b><br><b>30.55 dBV/m</b> |
| Grid 7 <b>M3</b><br><b>31.63 dBV/m</b> | Grid 8 <b>M3</b><br><b>34.07 dBV/m</b> | Grid 9 <b>M3</b><br><b>34.07 dBV/m</b> |



0 dB = 50.53 V/m = 34.07 dBV/m

**GSM 1900 ANT 4**

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**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 = 18.41 V/m; Power Drift = -0.24 dB

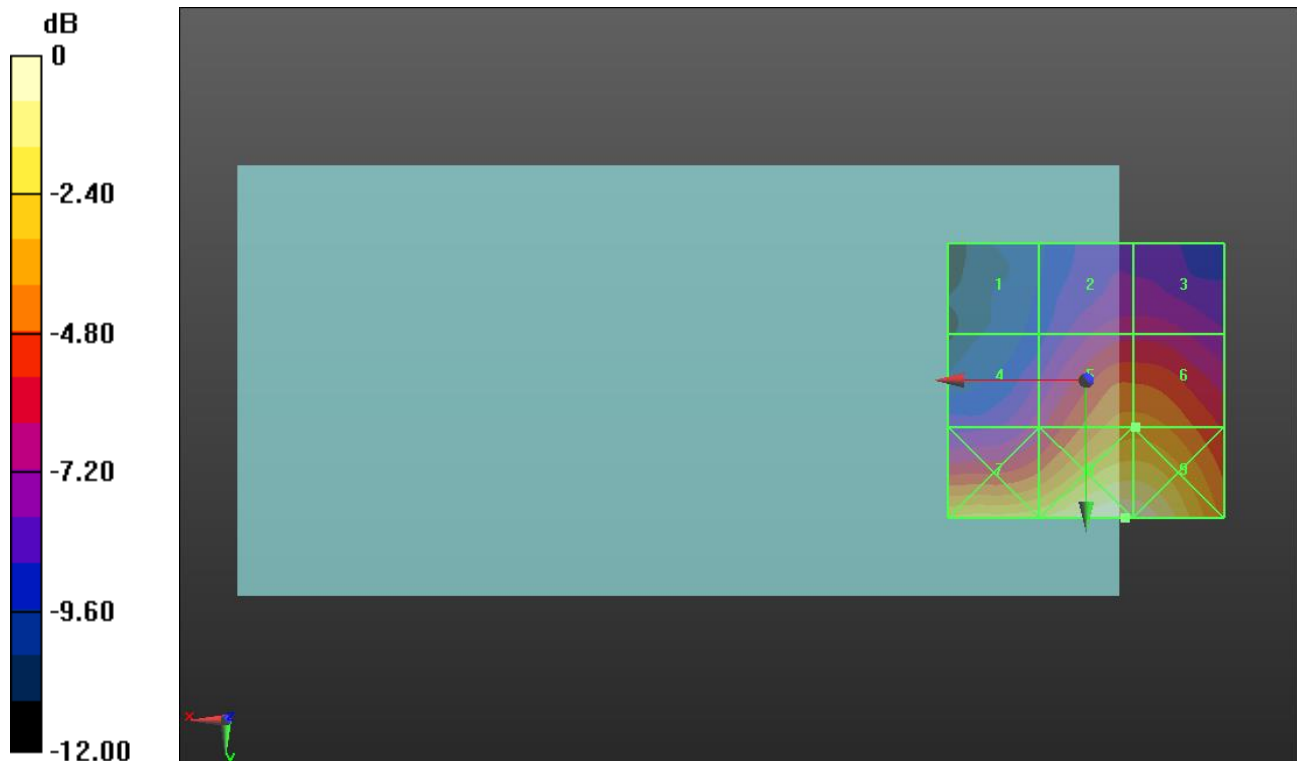
Applied MIF = 3.63 dB

RF audio interference level = 28.37 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>22.89 dBV/m</b> | Grid 2 <b>M4</b><br><b>25.31 dBV/m</b> | Grid 3 <b>M4</b><br><b>25.31 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>25.24 dBV/m</b> | Grid 5 <b>M4</b><br><b>28.37 dBV/m</b> | Grid 6 <b>M4</b><br><b>28.37 dBV/m</b> |
| Grid 7 <b>M3</b><br><b>30.26 dBV/m</b> | Grid 8 <b>M3</b><br><b>31.92 dBV/m</b> | Grid 9 <b>M3</b><br><b>31.89 dBV/m</b> |



0 dB = 39.46 V/m = 31.92 dBV/m

**GSM 1900 ANT 4**

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**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 = 14.78 V/m; Power Drift = 0.19 dB

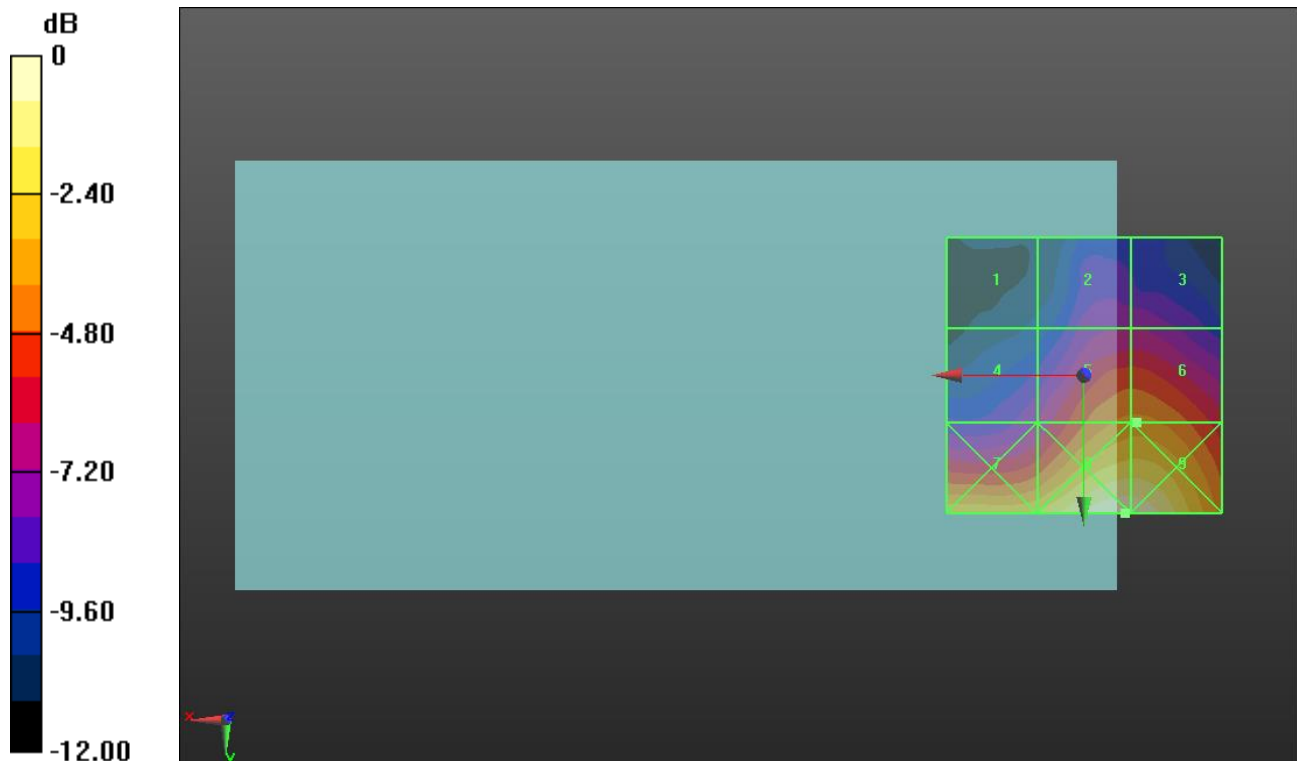
Applied MIF = 3.63 dB

RF audio interference level = 26.99 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>20.67 dBV/m</b> | Grid 2 <b>M4</b><br><b>23.61 dBV/m</b> | Grid 3 <b>M4</b><br><b>23.61 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>23.56 dBV/m</b> | Grid 5 <b>M4</b><br><b>26.97 dBV/m</b> | Grid 6 <b>M4</b><br><b>26.99 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>28.54 dBV/m</b> | Grid 8 <b>M3</b><br><b>30.69 dBV/m</b> | Grid 9 <b>M3</b><br><b>30.66 dBV/m</b> |



0 dB = 34.22 V/m = 30.69 dBV/m

## LTE Band 41 ANT 4

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 - SN4041; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 12.74 V/m; Power Drift = 0.16 dB

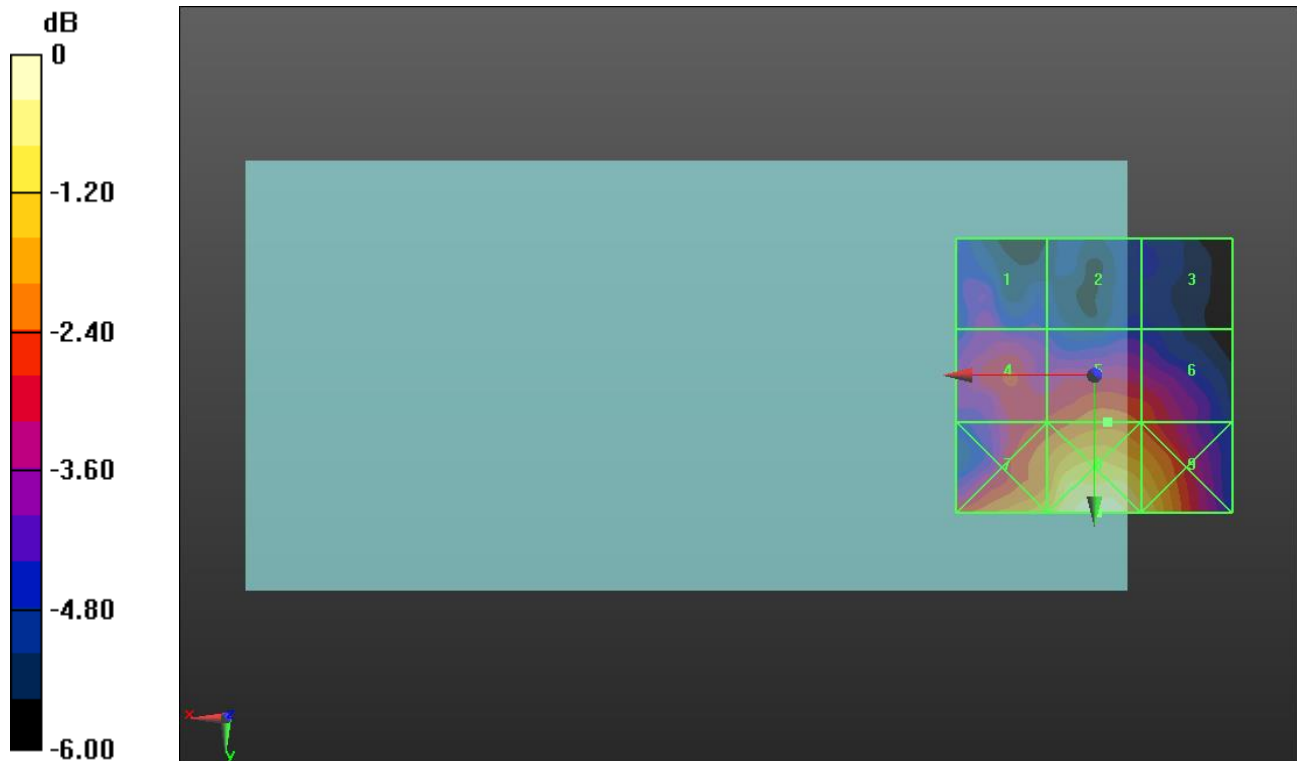
Applied MIF = -1.44 dB

RF audio interference level = 19.24 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>17.65 dBV/m</b> | Grid 2 <b>M4</b><br><b>16.86 dBV/m</b> | Grid 3 <b>M4</b><br><b>16.74 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>18.68 dBV/m</b> | Grid 5 <b>M4</b><br><b>19.24 dBV/m</b> | Grid 6 <b>M4</b><br><b>18.91 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>20.27 dBV/m</b> | Grid 8 <b>M4</b><br><b>21.37 dBV/m</b> | Grid 9 <b>M4</b><br><b>20.69 dBV/m</b> |



0 dB = 11.71 V/m = 21.37 dBV/m

**LTE Band 41 ANT 4**

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 - SN4041; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**LTE Band 41 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 13.00 V/m; Power Drift = -0.03 dB

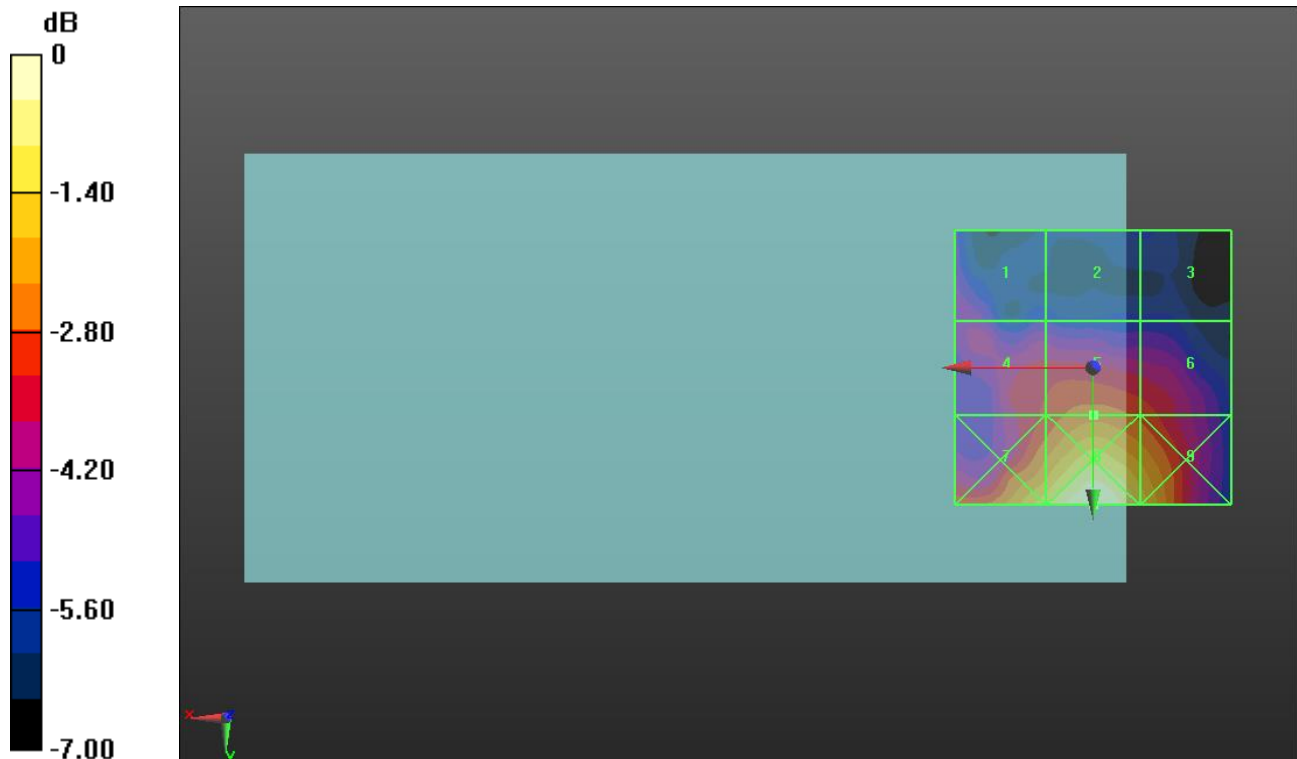
Applied MIF = -1.44 dB

RF audio interference level = 19.41 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>17.66 dBV/m</b> | Grid 2 <b>M4</b><br><b>16.78 dBV/m</b> | Grid 3 <b>M4</b><br><b>16.53 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>18.8 dBV/m</b>  | Grid 5 <b>M4</b><br><b>19.41 dBV/m</b> | Grid 6 <b>M4</b><br><b>18.99 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>20.96 dBV/m</b> | Grid 8 <b>M4</b><br><b>21.92 dBV/m</b> | Grid 9 <b>M4</b><br><b>20.87 dBV/m</b> |



0 dB = 12.48 V/m = 21.92 dBV/m

**LTE Band 41 ANT 4**

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 - SN4041; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**LTE Band 41 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 0.14 dB

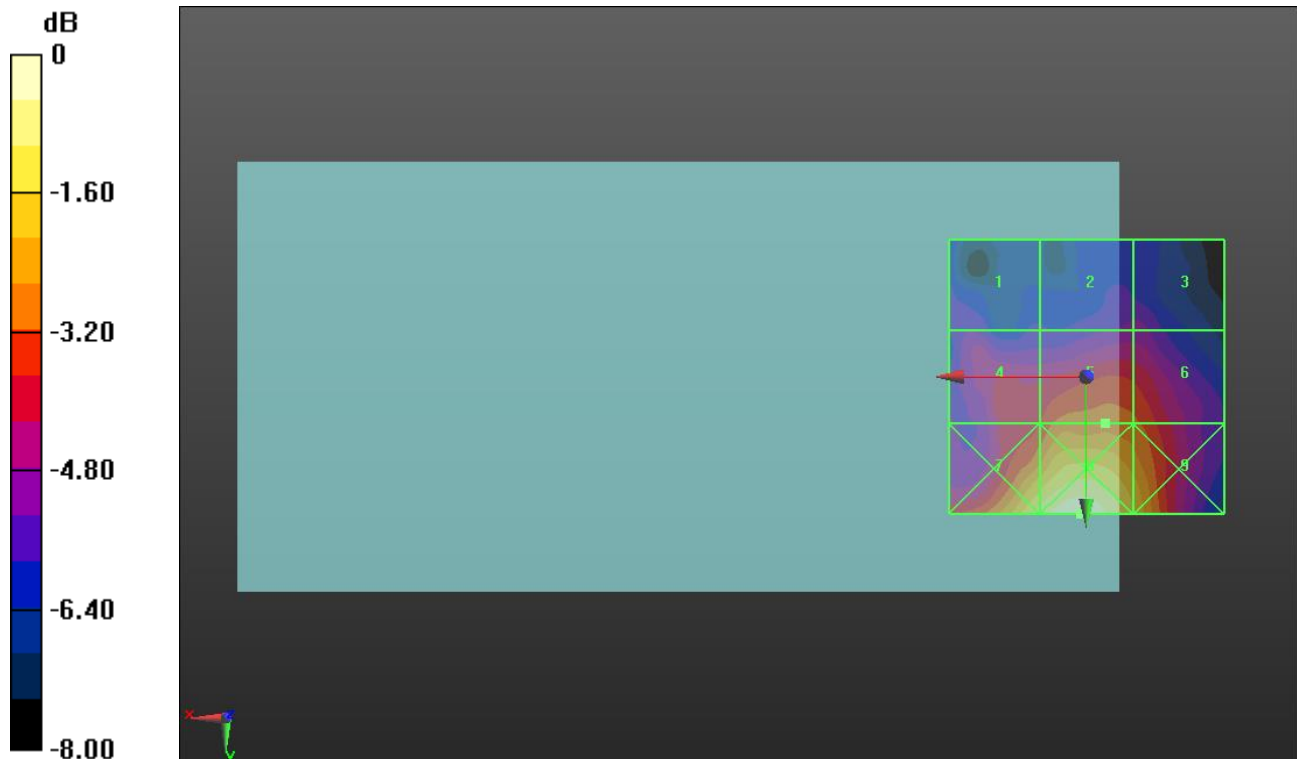
Applied MIF = -1.44 dB

RF audio interference level = 19.88 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>17.41 dBV/m</b> | Grid 2 <b>M4</b><br><b>17.66 dBV/m</b> | Grid 3 <b>M4</b><br><b>17.66 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>19.04 dBV/m</b> | Grid 5 <b>M4</b><br><b>19.88 dBV/m</b> | Grid 6 <b>M4</b><br><b>19.72 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>21.98 dBV/m</b> | Grid 8 <b>M4</b><br><b>22.75 dBV/m</b> | Grid 9 <b>M4</b><br><b>21.28 dBV/m</b> |



0 dB = 13.72 V/m = 22.75 dBV/m

**LTE Band 41 ANT 4**

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 - SN4041; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**LTE Band 41 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 17.76 V/m; Power Drift = -0.02 dB

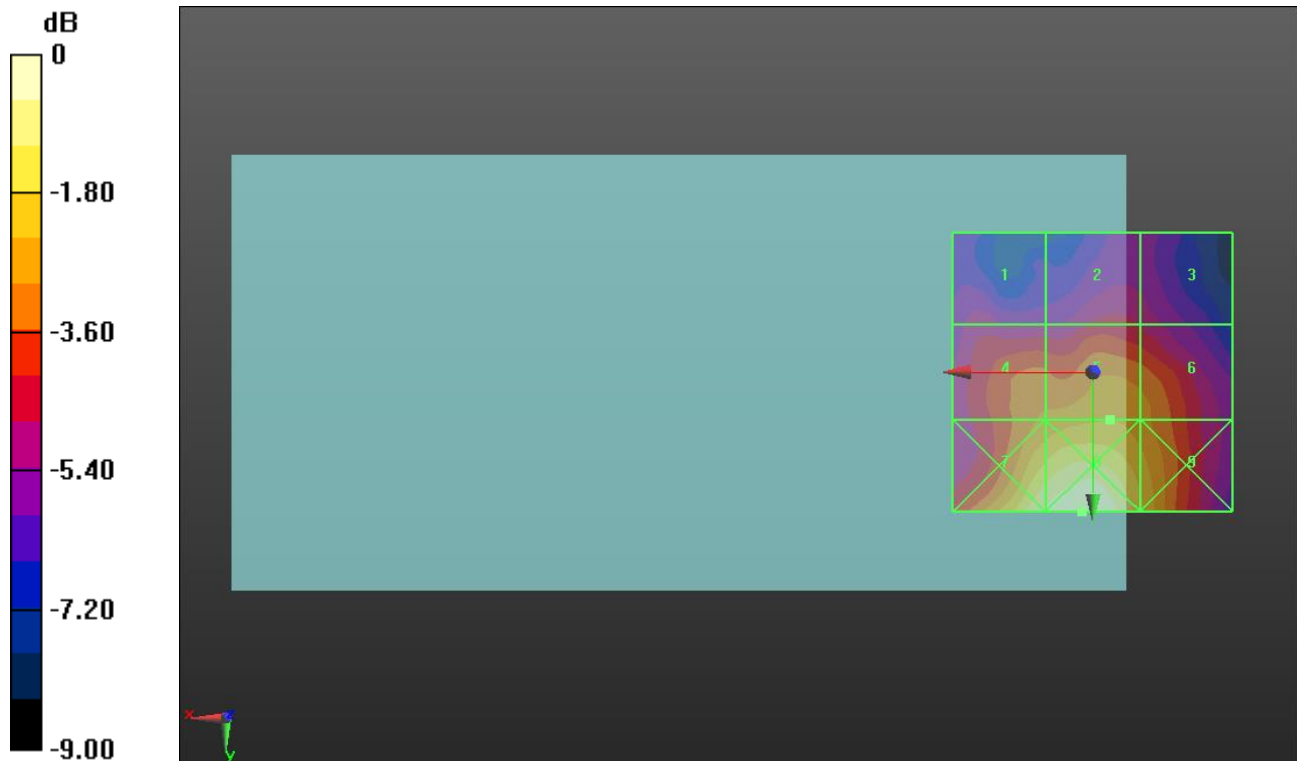
Applied MIF = -1.44 dB

RF audio interference level = 21.49 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>18.88 dBV/m</b> | Grid 2 <b>M4</b><br><b>19.4 dBV/m</b>  | Grid 3 <b>M4</b><br><b>19.03 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>21.04 dBV/m</b> | Grid 5 <b>M4</b><br><b>21.49 dBV/m</b> | Grid 6 <b>M4</b><br><b>21.16 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>23.5 dBV/m</b>  | Grid 8 <b>M4</b><br><b>23.89 dBV/m</b> | Grid 9 <b>M4</b><br><b>22.3 dBV/m</b>  |



0 dB = 15.65 V/m = 23.89 dBV/m

**LTE Band 41 ANT 4**

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 - SN4041; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**LTE Band 41 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 20.84 V/m; Power Drift = -0.29 dB

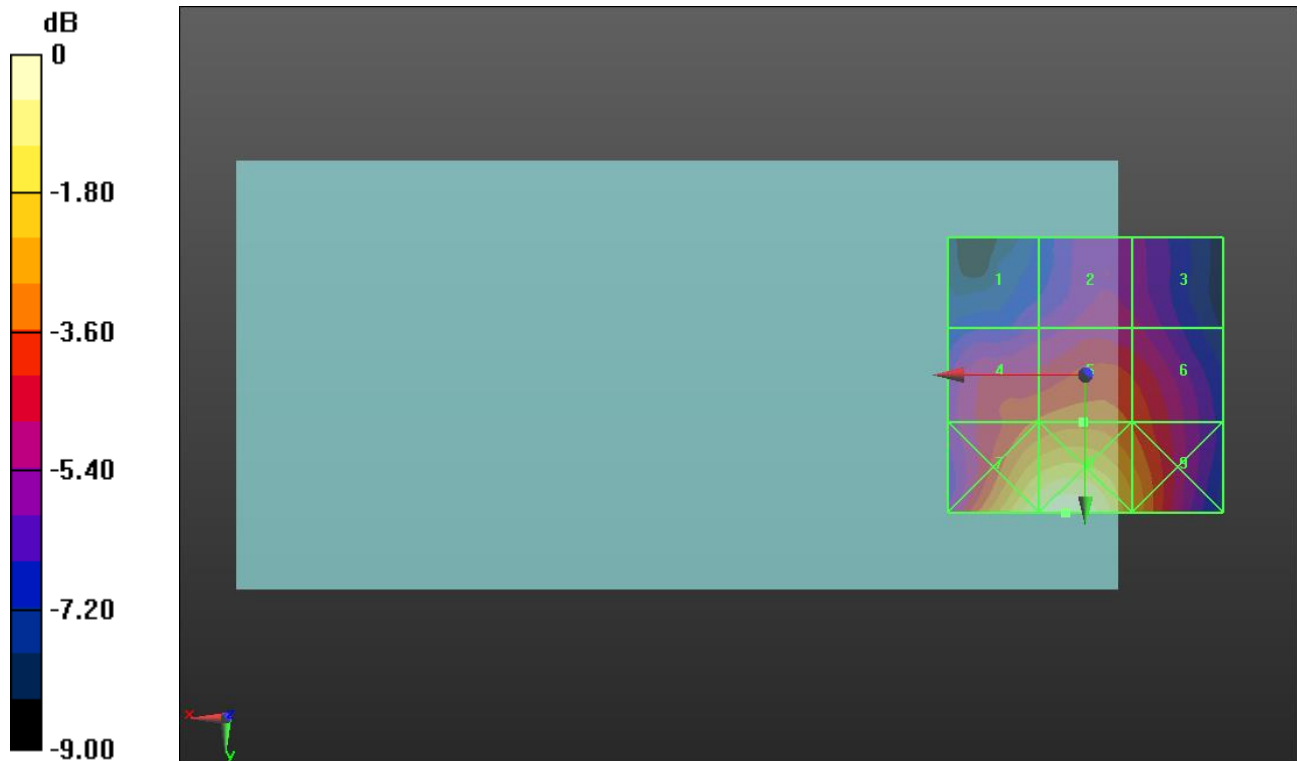
Applied MIF = -1.44 dB

RF audio interference level = 22.84 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>20.23 dBV/m</b> | Grid 2 <b>M4</b><br><b>21.04 dBV/m</b> | Grid 3 <b>M4</b><br><b>20.83 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>22.52 dBV/m</b> | Grid 5 <b>M4</b><br><b>22.84 dBV/m</b> | Grid 6 <b>M4</b><br><b>22.33 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>25.51 dBV/m</b> | Grid 8 <b>M4</b><br><b>26.01 dBV/m</b> | Grid 9 <b>M4</b><br><b>23.75 dBV/m</b> |



0 dB = 19.97 V/m = 26.01 dBV/m



**LTE Band 48 ANT 4**

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 - SN4041; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**LTE Band 48 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 27.80 V/m; Power Drift = -0.08 dB

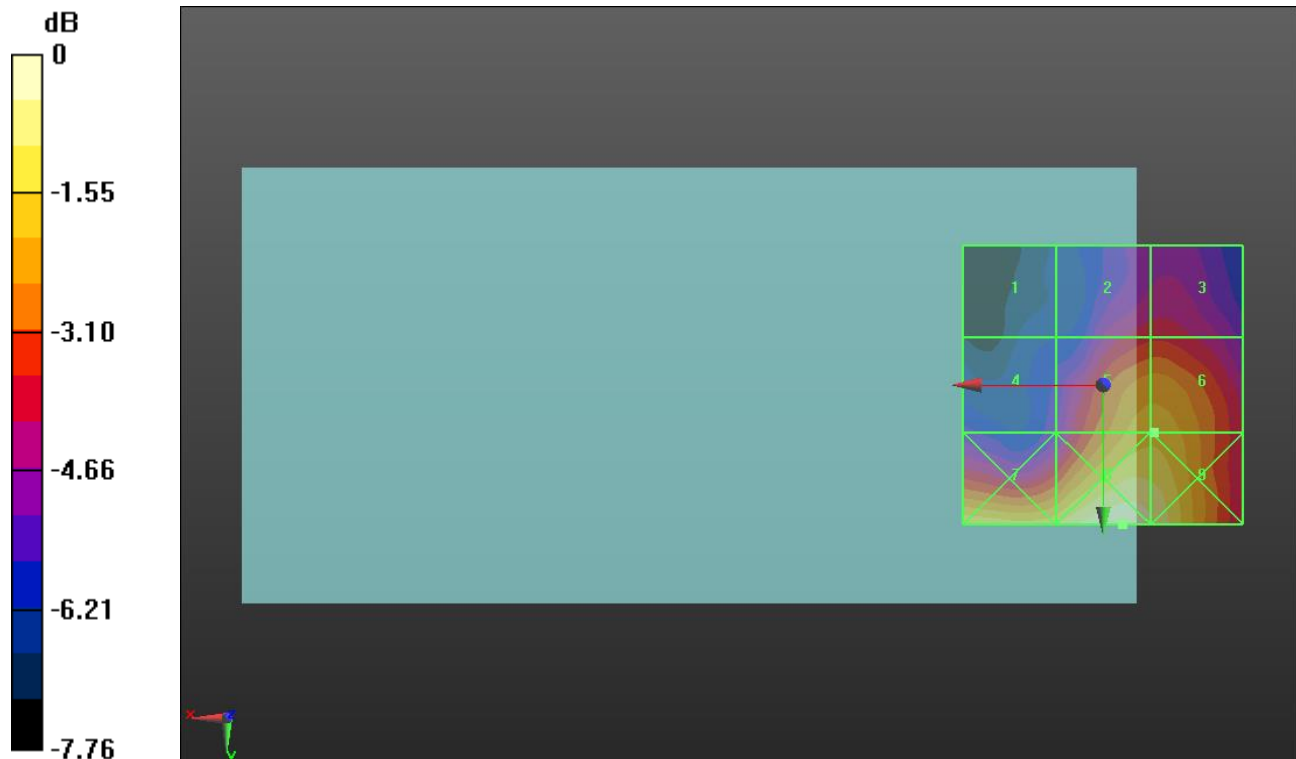
Applied MIF = -1.44 dB

RF audio interference level = 25.89 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>21.42 dBV/m</b> | Grid 2 <b>M4</b><br><b>23.9 dBV/m</b>  | Grid 3 <b>M4</b><br><b>23.92 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>22.43 dBV/m</b> | Grid 5 <b>M4</b><br><b>25.89 dBV/m</b> | Grid 6 <b>M4</b><br><b>25.89 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>26.72 dBV/m</b> | Grid 8 <b>M4</b><br><b>27.62 dBV/m</b> | Grid 9 <b>M4</b><br><b>27.2 dBV/m</b>  |



0 dB = 24.04 V/m = 27.62 dBV/m

**LTE Band 48 ANT 4**

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 - SN4041; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**LTE Band 48 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 26.60 V/m; Power Drift = 0.10 dB

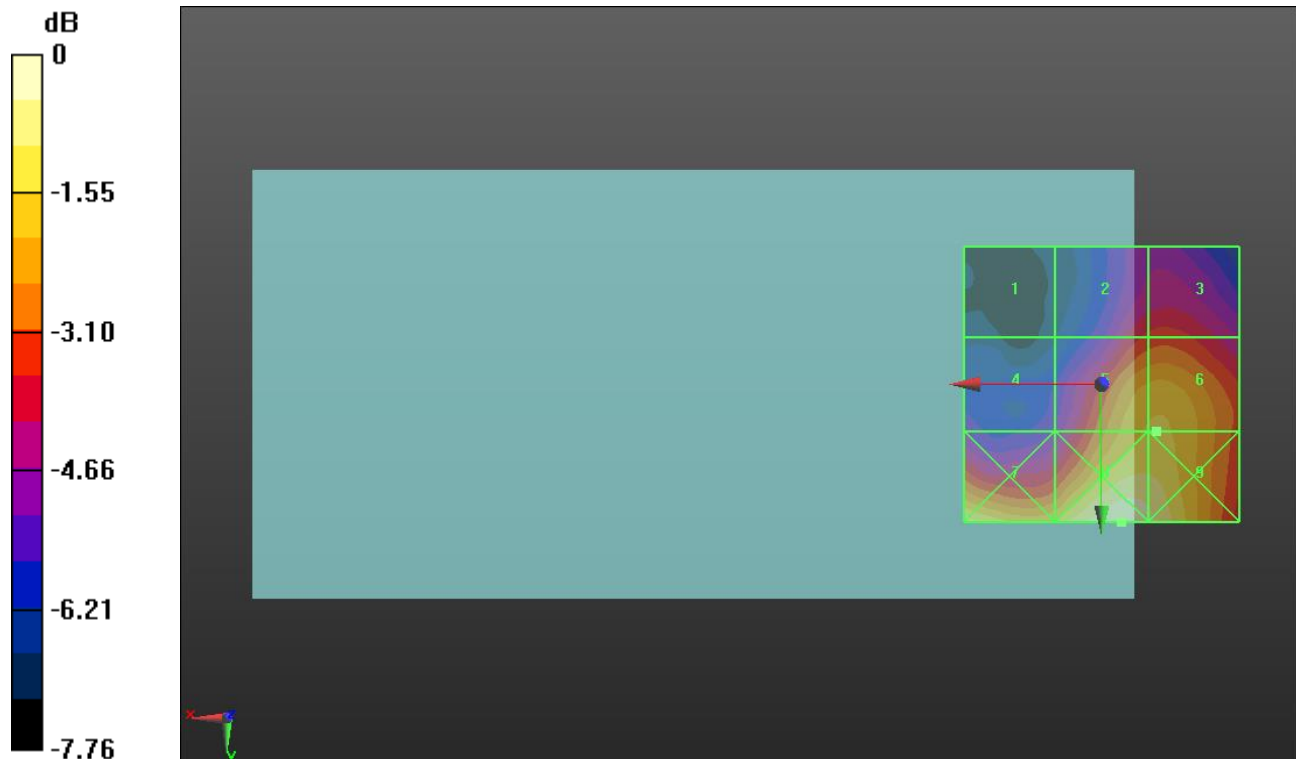
Applied MIF = -1.44 dB

RF audio interference level = 25.93 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>20.68 dBV/m</b> | Grid 2 <b>M4</b><br><b>23.98 dBV/m</b> | Grid 3 <b>M4</b><br><b>24.12 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>22.41 dBV/m</b> | Grid 5 <b>M4</b><br><b>25.91 dBV/m</b> | Grid 6 <b>M4</b><br><b>25.93 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>26.81 dBV/m</b> | Grid 8 <b>M4</b><br><b>27.43 dBV/m</b> | Grid 9 <b>M4</b><br><b>27.1 dBV/m</b>  |



0 dB = 23.51 V/m = 27.43 dBV/m

## LTE Band 48 ANT 4

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 - SN4041; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## LTE Band 48 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 24.95 V/m; Power Drift = 0.06 dB

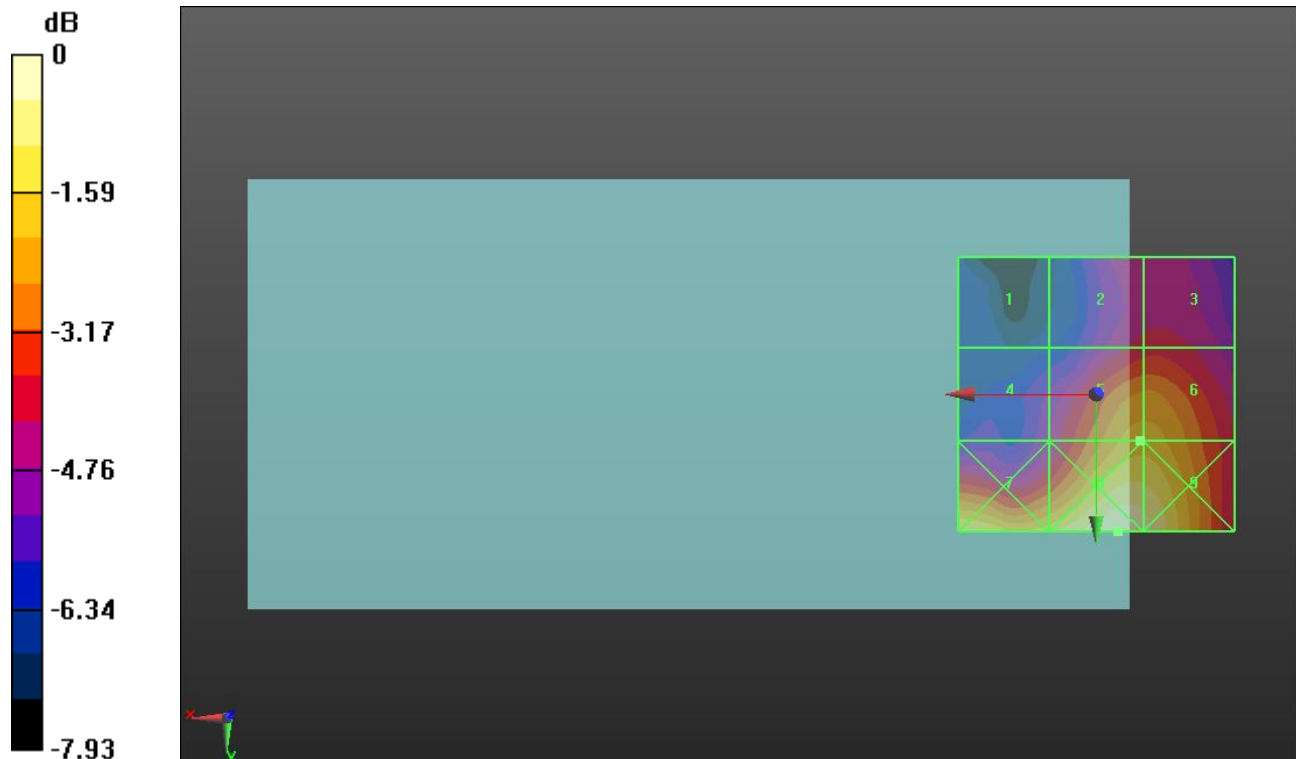
Applied MIF = -1.44 dB

RF audio interference level = 25.20 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>20.69 dBV/m</b> | Grid 2 <b>M4</b><br><b>23.07 dBV/m</b> | Grid 3 <b>M4</b><br><b>23.15 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>22.29 dBV/m</b> | Grid 5 <b>M4</b><br><b>25.2 dBV/m</b>  | Grid 6 <b>M4</b><br><b>25.2 dBV/m</b>  |
| Grid 7 <b>M4</b><br><b>26.14 dBV/m</b> | Grid 8 <b>M4</b><br><b>27.02 dBV/m</b> | Grid 9 <b>M4</b><br><b>26.73 dBV/m</b> |



0 dB = 22.44 V/m = 27.02 dBV/m

**LTE Band 48 ANT 4**

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 - SN4041; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**LTE Band 48 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 24.01 V/m; Power Drift = 0.06 dB

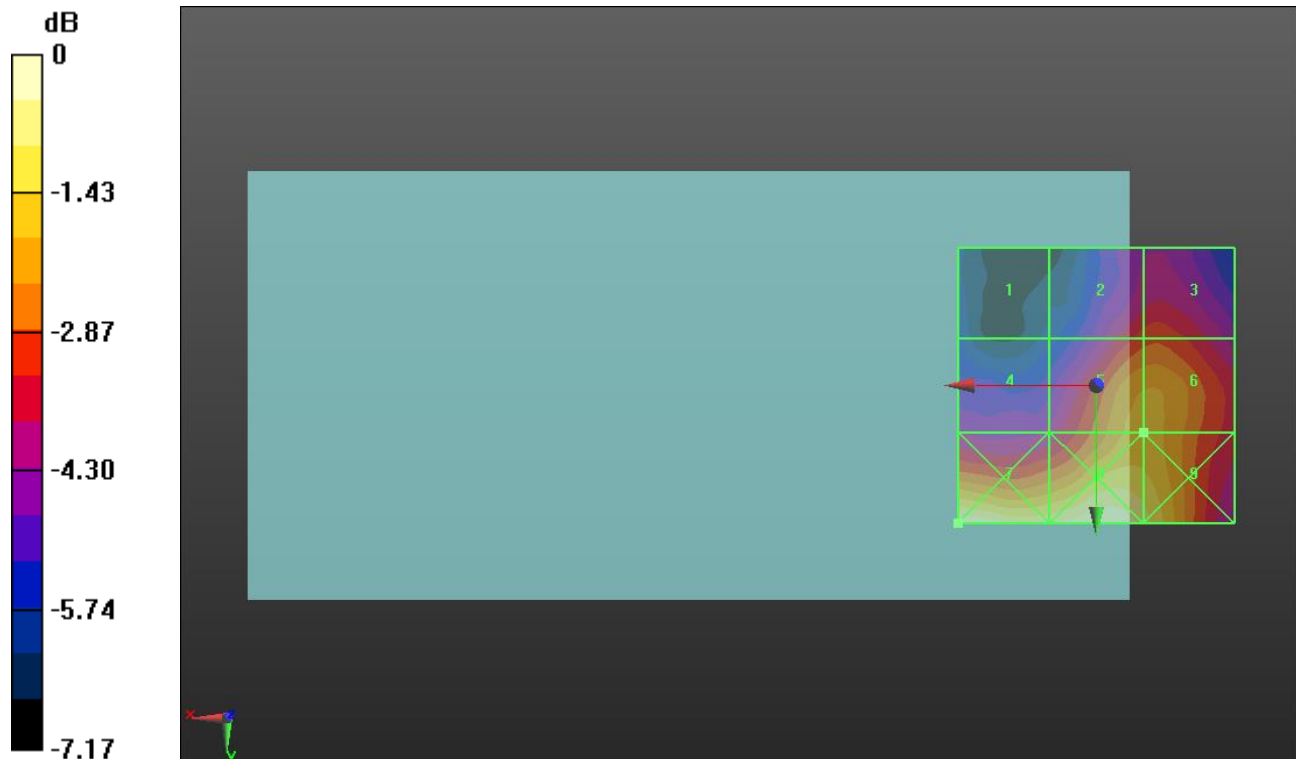
Applied MIF = -1.44 dB

RF audio interference level = 24.69 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>20.89 dBV/m</b> | Grid 2 <b>M4</b><br><b>23.33 dBV/m</b> | Grid 3 <b>M4</b><br><b>23.46 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>22.26 dBV/m</b> | Grid 5 <b>M4</b><br><b>24.69 dBV/m</b> | Grid 6 <b>M4</b><br><b>24.69 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>26.41 dBV/m</b> | Grid 8 <b>M4</b><br><b>26.36 dBV/m</b> | Grid 9 <b>M4</b><br><b>25.72 dBV/m</b> |



0 dB = 20.91 V/m = 26.41 dBV/m

**Wi-Fi 2.4 GHz ANT 4**

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**802.11b E-Field measurement/DSSS 11 Mbps\_ch 1/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 = 38.01 V/m; Power Drift = -0.02 dB

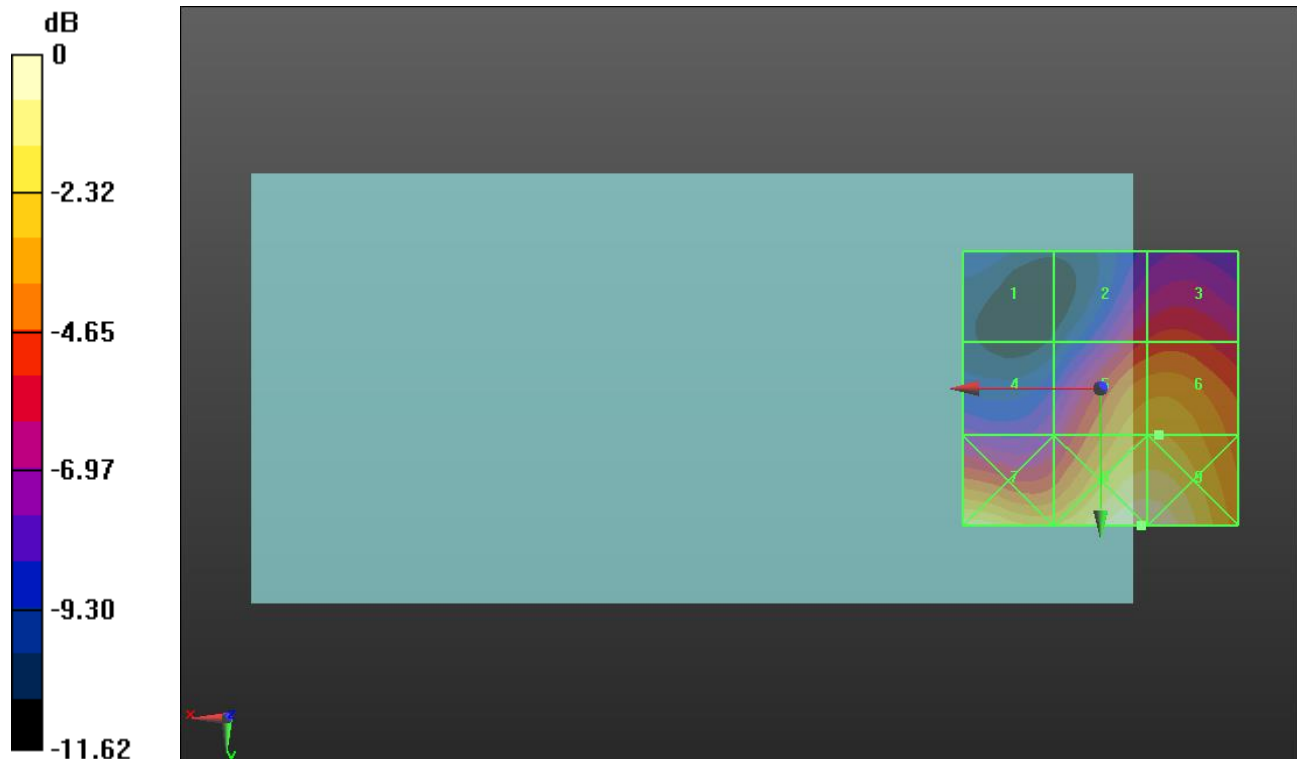
Applied MIF = -2.02 dB

RF audio interference level = 29.14 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>22.23 dBV/m</b> | Grid 2 <b>M4</b><br><b>26.14 dBV/m</b> | Grid 3 <b>M4</b><br><b>26.48 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>24.63 dBV/m</b> | Grid 5 <b>M4</b><br><b>29.09 dBV/m</b> | Grid 6 <b>M4</b><br><b>29.14 dBV/m</b> |
| Grid 7 <b>M3</b><br><b>30.45 dBV/m</b> | Grid 8 <b>M3</b><br><b>31.44 dBV/m</b> | Grid 9 <b>M3</b><br><b>31.42 dBV/m</b> |



0 dB = 37.31 V/m = 31.44 dBV/m

**Wi-Fi 2.4 GHz ANT 4**

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 - SN4041; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**802.11b E-Field measurement/DSSS 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 = 42.77 V/m; Power Drift = -0.01 dB

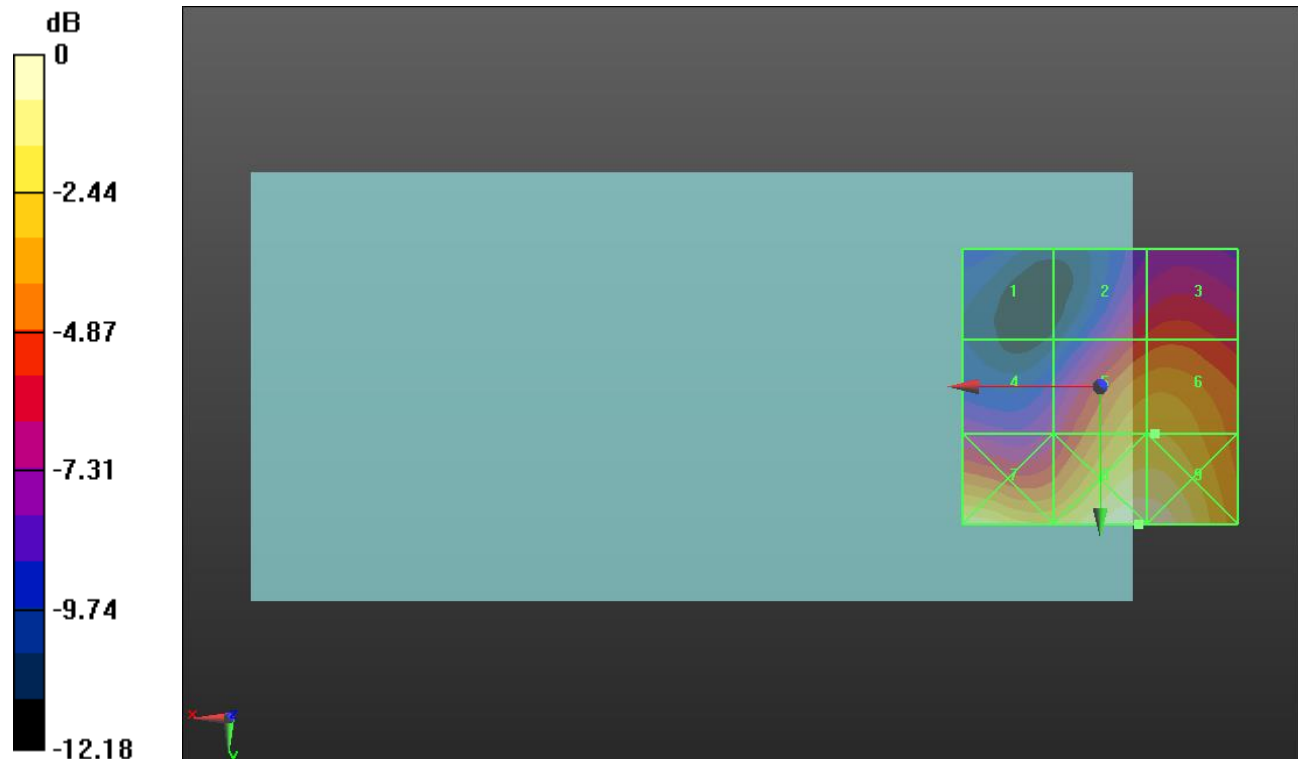
Applied MIF = -2.02 dB

RF audio interference level = 30.04 dBV/m

**Emission category: M3**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>23.41 dBV/m</b> | Grid 2 <b>M4</b><br><b>27.07 dBV/m</b> | Grid 3 <b>M4</b><br><b>27.44 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>25.62 dBV/m</b> | Grid 5 <b>M3</b><br><b>30.01 dBV/m</b> | Grid 6 <b>M3</b><br><b>30.04 dBV/m</b> |
| Grid 7 <b>M3</b><br><b>31.52 dBV/m</b> | Grid 8 <b>M3</b><br><b>32.45 dBV/m</b> | Grid 9 <b>M3</b><br><b>32.42 dBV/m</b> |



0 dB = 41.95 V/m = 32.45 dBV/m

**Wi-Fi 2.4 GHz ANT 4**

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 - SN4041; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**802.11b E-Field measurement/DSSS 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 = 42.60 V/m; Power Drift = 0.07 dB

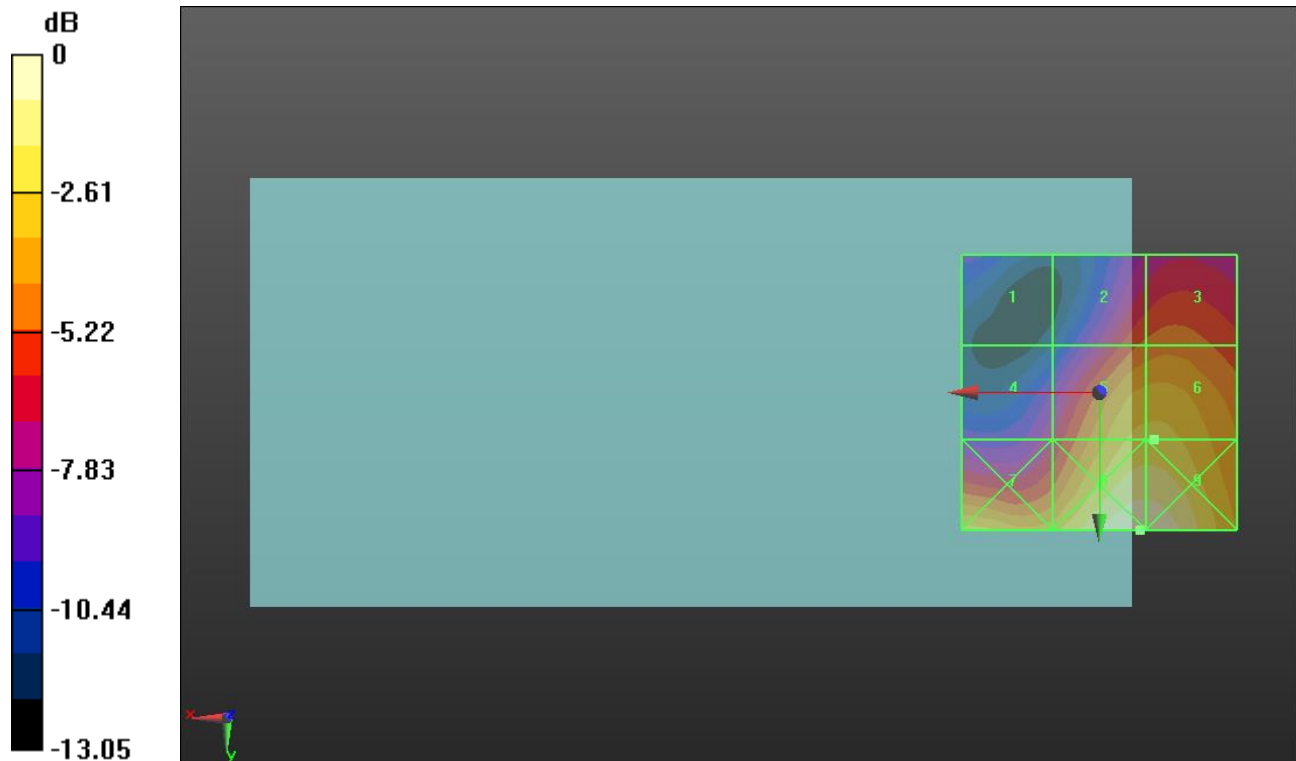
Applied MIF = -2.02 dB

RF audio interference level = 29.92 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>23.15 dBV/m</b> | Grid 2 <b>M4</b><br><b>27.27 dBV/m</b> | Grid 3 <b>M4</b><br><b>27.59 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>25.21 dBV/m</b> | Grid 5 <b>M4</b><br><b>29.91 dBV/m</b> | Grid 6 <b>M4</b><br><b>29.92 dBV/m</b> |
| Grid 7 <b>M3</b><br><b>30.05 dBV/m</b> | Grid 8 <b>M3</b><br><b>32.2 dBV/m</b>  | Grid 9 <b>M3</b><br><b>32.17 dBV/m</b> |



0 dB = 40.73 V/m = 32.20 dBV/m

**Wi-Fi 2.4 GHz ANT 4**

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:12.5777

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**802.11g E-Field measurement/DSSS/OFDM, 54 Mbps\_ch 1/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 = 36.09 V/m; Power Drift = 0.02 dB

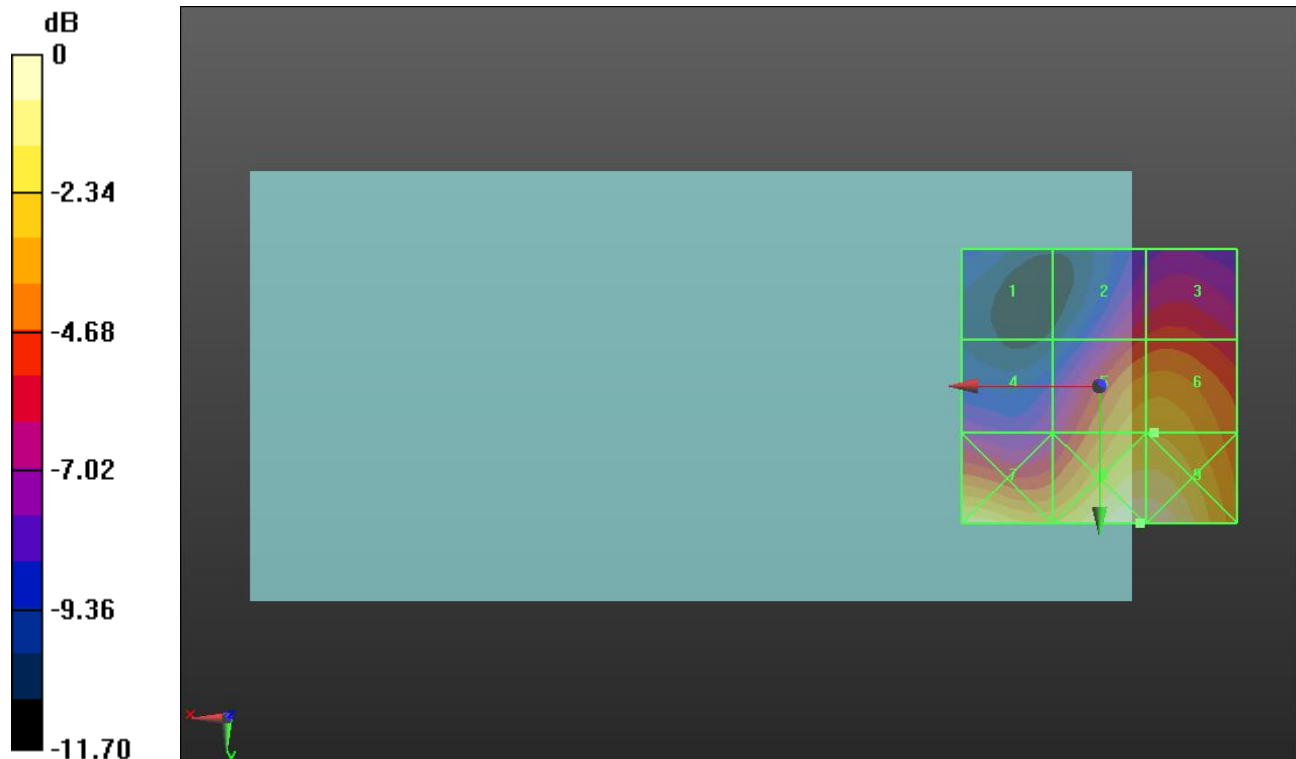
Applied MIF = 0.12 dB

RF audio interference level = 30.78 dBV/m

**Emission category: M3**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>24.27 dBV/m</b> | Grid 2 <b>M4</b><br><b>27.89 dBV/m</b> | Grid 3 <b>M4</b><br><b>28.2 dBV/m</b>  |
| Grid 4 <b>M4</b><br><b>26.41 dBV/m</b> | Grid 5 <b>M3</b><br><b>30.75 dBV/m</b> | Grid 6 <b>M3</b><br><b>30.78 dBV/m</b> |
| Grid 7 <b>M3</b><br><b>32.21 dBV/m</b> | Grid 8 <b>M3</b><br><b>33.18 dBV/m</b> | Grid 9 <b>M3</b><br><b>33.16 dBV/m</b> |



0 dB = 45.61 V/m = 33.18 dBV/m



## Wi-Fi 2.4 GHz ANT 4

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 - SN4041; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11g E-Field measurement/DSSS/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 = 40.07 V/m; Power Drift = -0.04 dB

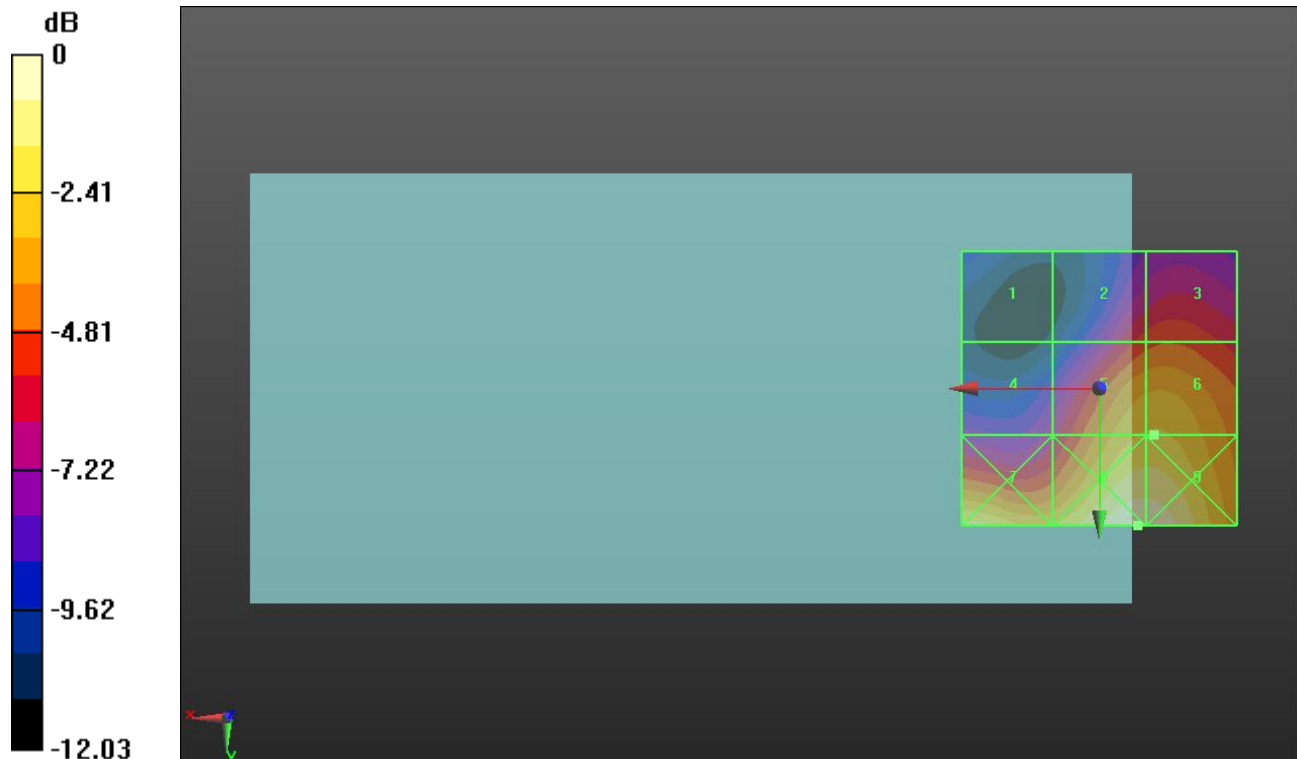
Applied MIF = 0.12 dB

RF audio interference level = 31.62 dBV/m

Emission category: **M3**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>24.85 dBV/m</b> | Grid 2 <b>M4</b><br><b>28.75 dBV/m</b> | Grid 3 <b>M4</b><br><b>29.06 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>27.19 dBV/m</b> | Grid 5 <b>M3</b><br><b>31.6 dBV/m</b>  | Grid 6 <b>M3</b><br><b>31.62 dBV/m</b> |
| Grid 7 <b>M3</b><br><b>32.76 dBV/m</b> | Grid 8 <b>M3</b><br><b>33.91 dBV/m</b> | Grid 9 <b>M3</b><br><b>33.87 dBV/m</b> |



0 dB = 49.58 V/m = 33.91 dBV/m

**Wi-Fi 2.4 GHz ANT 4**

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:12.5777

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**802.11g E-Field measurement/DSSS/OFDM, 54 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 = 38.98 V/m; Power Drift = -0.01 dB

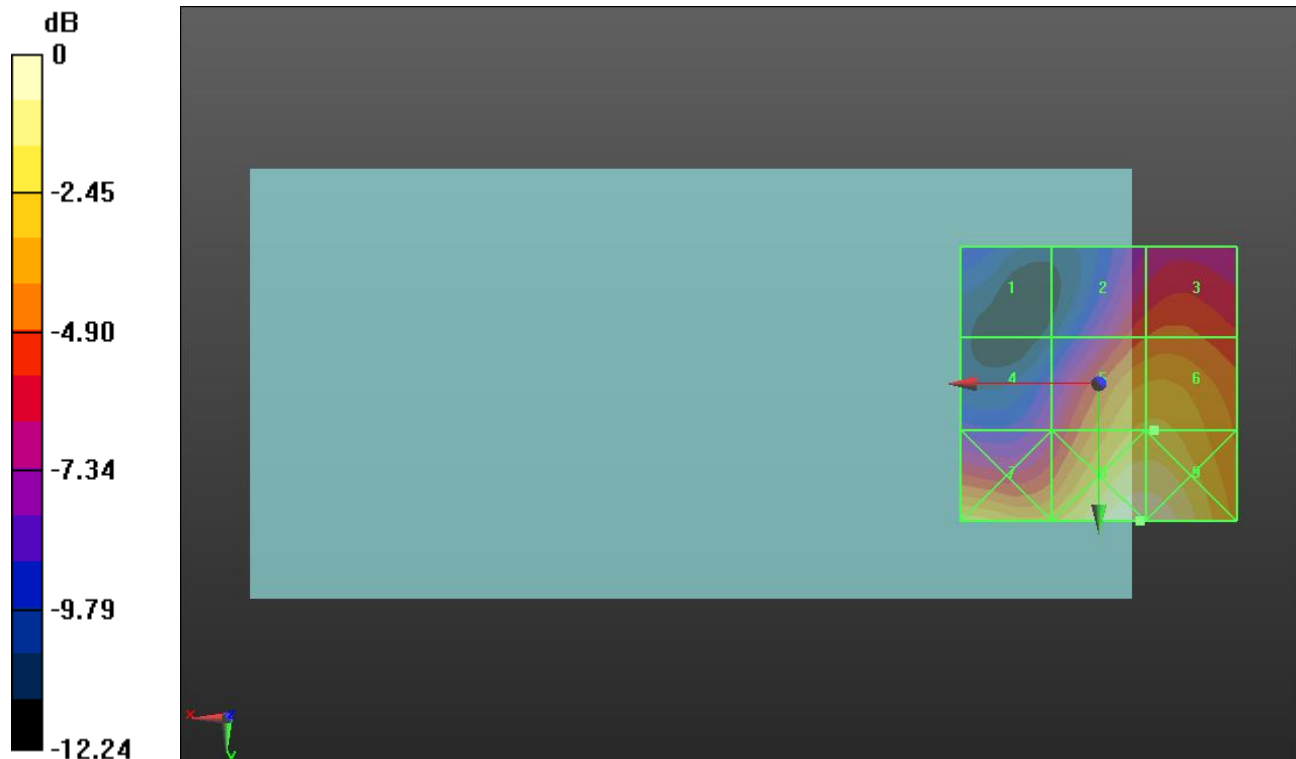
Applied MIF = 0.12 dB

RF audio interference level = 31.38 dBV/m

**Emission category: M3**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>24.86 dBV/m</b> | Grid 2 <b>M4</b><br><b>28.72 dBV/m</b> | Grid 3 <b>M4</b><br><b>29.07 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>26.76 dBV/m</b> | Grid 5 <b>M3</b><br><b>31.36 dBV/m</b> | Grid 6 <b>M3</b><br><b>31.38 dBV/m</b> |
| Grid 7 <b>M3</b><br><b>31.68 dBV/m</b> | Grid 8 <b>M3</b><br><b>33.62 dBV/m</b> | Grid 9 <b>M3</b><br><b>33.59 dBV/m</b> |



0 dB = 47.97 V/m = 33.62 dBV/m

## Wi-Fi 5 GHz ANT 5

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5200 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11a (5.2 GHz) E-Field measurement/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 = 11.97 V/m; Power Drift = -0.16 dB

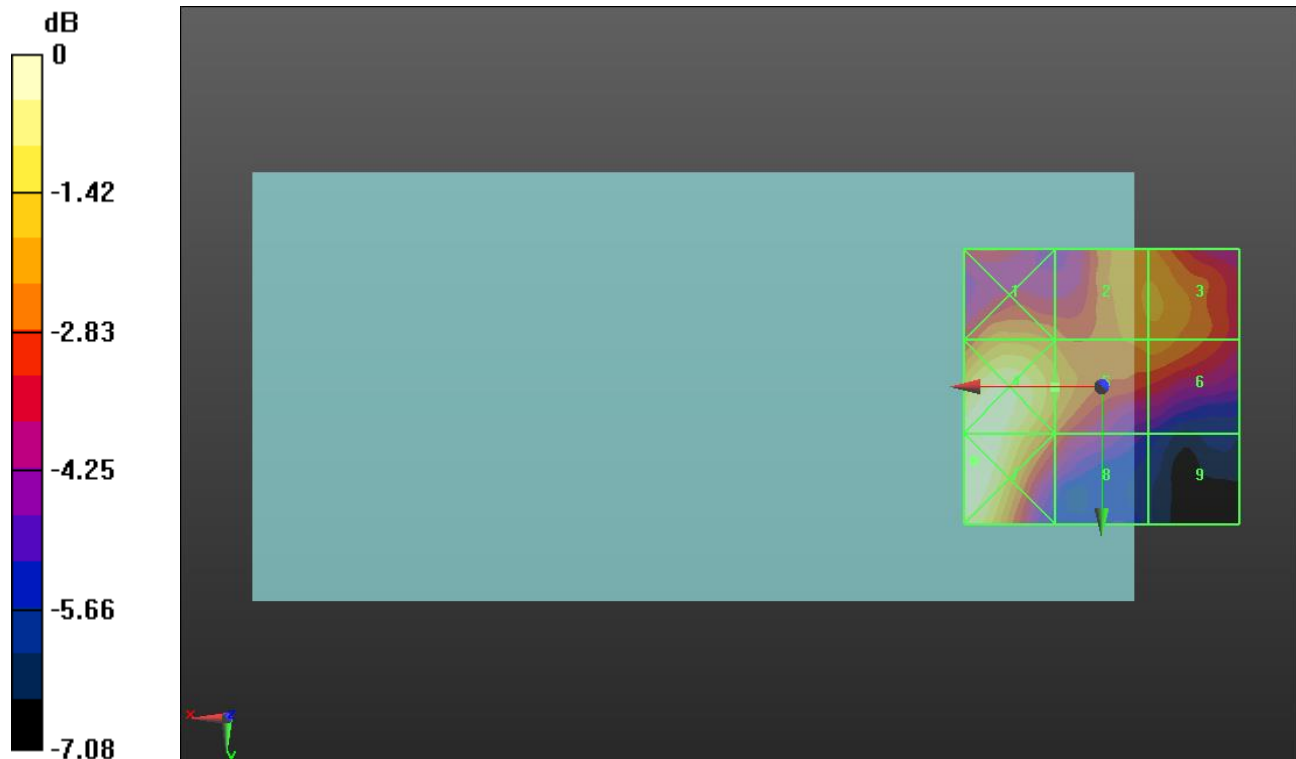
Applied MIF = -3.15 dB

RF audio interference level = 17.14 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>16.82 dBV/m</b> | Grid 2 <b>M4</b><br><b>17 dBV/m</b>    | Grid 3 <b>M4</b><br><b>17 dBV/m</b>    |
| Grid 4 <b>M4</b><br><b>18.77 dBV/m</b> | Grid 5 <b>M4</b><br><b>17.14 dBV/m</b> | Grid 6 <b>M4</b><br><b>16.72 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>18.82 dBV/m</b> | Grid 8 <b>M4</b><br><b>16.13 dBV/m</b> | Grid 9 <b>M4</b><br><b>13.6 dBV/m</b>  |



0 dB = 8.734 V/m = 18.82 dBV/m

## Wi-Fi 5 GHz ANT 5

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5220 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11a (5.2 GHz) E-Field measurement/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 = 10.01 V/m; Power Drift = 0.09 dB

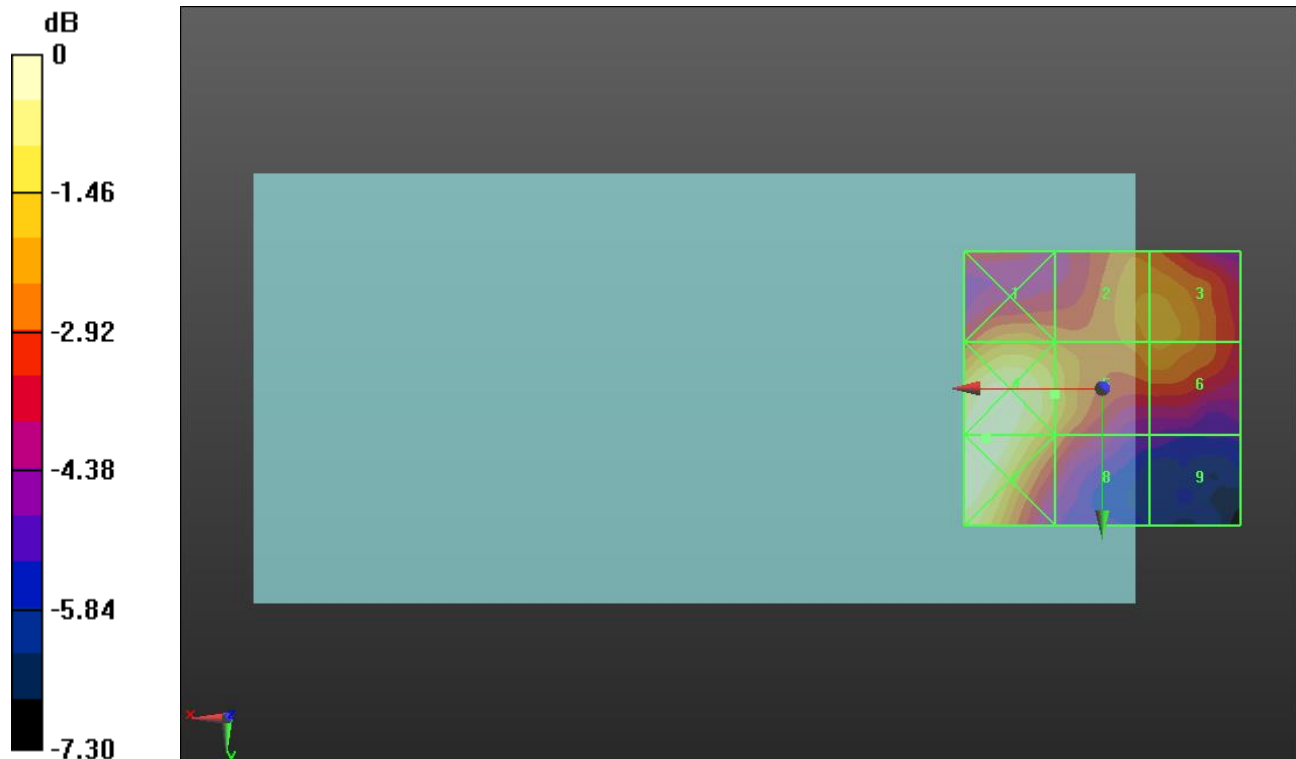
Applied MIF = -3.15 dB

RF audio interference level = 16.99 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>16.43 dBV/m</b> | Grid 2 <b>M4</b><br><b>16.72 dBV/m</b> | Grid 3 <b>M4</b><br><b>16.75 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>18.46 dBV/m</b> | Grid 5 <b>M4</b><br><b>16.99 dBV/m</b> | Grid 6 <b>M4</b><br><b>16.62 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>18.46 dBV/m</b> | Grid 8 <b>M4</b><br><b>16.14 dBV/m</b> | Grid 9 <b>M4</b><br><b>13.56 dBV/m</b> |



0 dB = 8.377 V/m = 18.46 dBV/m

## Wi-Fi 5 GHz ANT 5

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5240 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11a (5.2 GHz) E-Field measurement/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 = 10.03 V/m; Power Drift = -0.14 dB

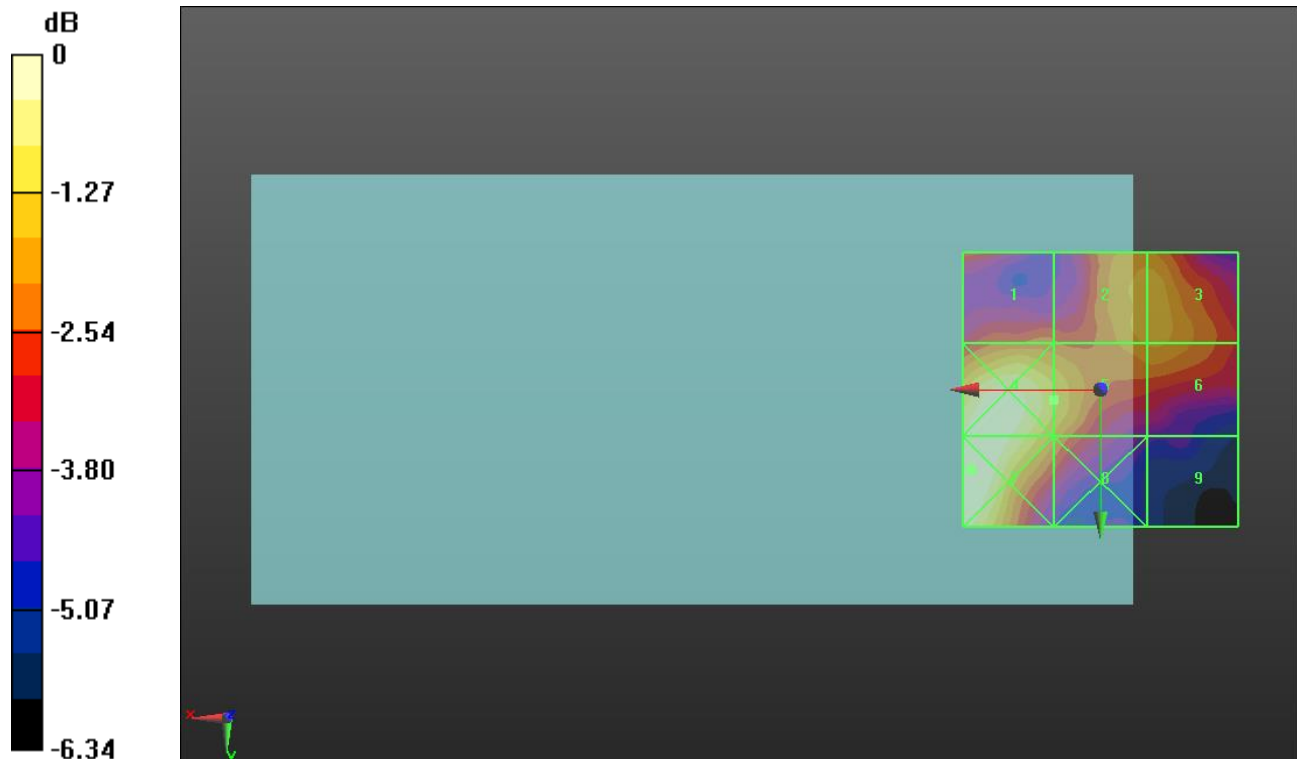
Applied MIF = -3.15 dB

RF audio interference level = 16.53 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>15.36 dBV/m</b> | Grid 2 <b>M4</b><br><b>16.33 dBV/m</b> | Grid 3 <b>M4</b><br><b>16.35 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>17.64 dBV/m</b> | Grid 5 <b>M4</b><br><b>16.53 dBV/m</b> | Grid 6 <b>M4</b><br><b>16.1 dBV/m</b>  |
| Grid 7 <b>M4</b><br><b>17.68 dBV/m</b> | Grid 8 <b>M4</b><br><b>15.86 dBV/m</b> | Grid 9 <b>M4</b><br><b>13.34 dBV/m</b> |



0 dB = 7.660 V/m = 17.68 dBV/m

## Wi-Fi 5 GHz ANT 5

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5260 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11a (5.3 GHz) E-Field measurement/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 = 10.11 V/m; Power Drift = 0.01 dB

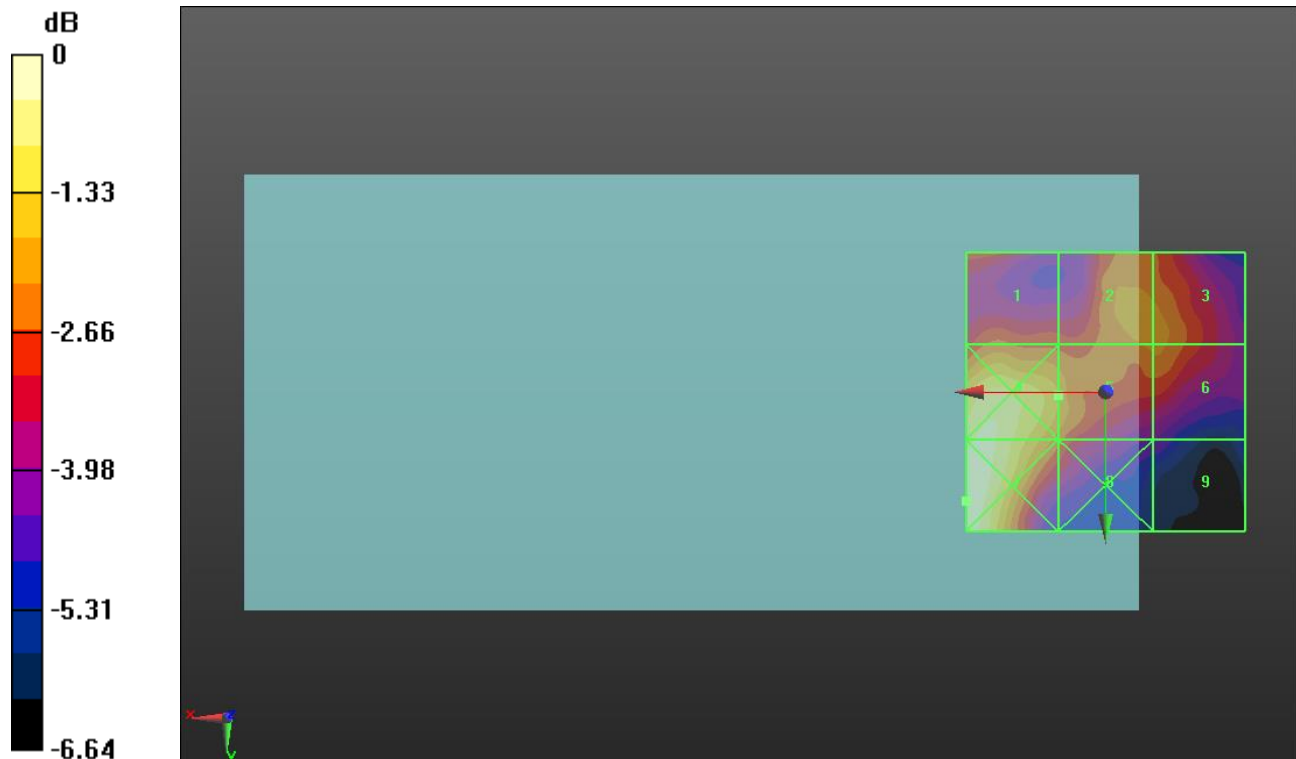
Applied MIF = -3.15 dB

RF audio interference level = 15.82 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>15.09 dBV/m</b> | Grid 2 <b>M4</b><br><b>15.56 dBV/m</b> | Grid 3 <b>M4</b><br><b>15.56 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>17.22 dBV/m</b> | Grid 5 <b>M4</b><br><b>15.82 dBV/m</b> | Grid 6 <b>M4</b><br><b>15.47 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>17.58 dBV/m</b> | Grid 8 <b>M4</b><br><b>15.14 dBV/m</b> | Grid 9 <b>M4</b><br><b>13.18 dBV/m</b> |



0 dB = 7.569 V/m = 17.58 dBV/m

## Wi-Fi 5 GHz ANT 5

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5280 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11a (5.3 GHz) E-Field measurement/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 = 9.826 V/m; Power Drift = -0.04 dB

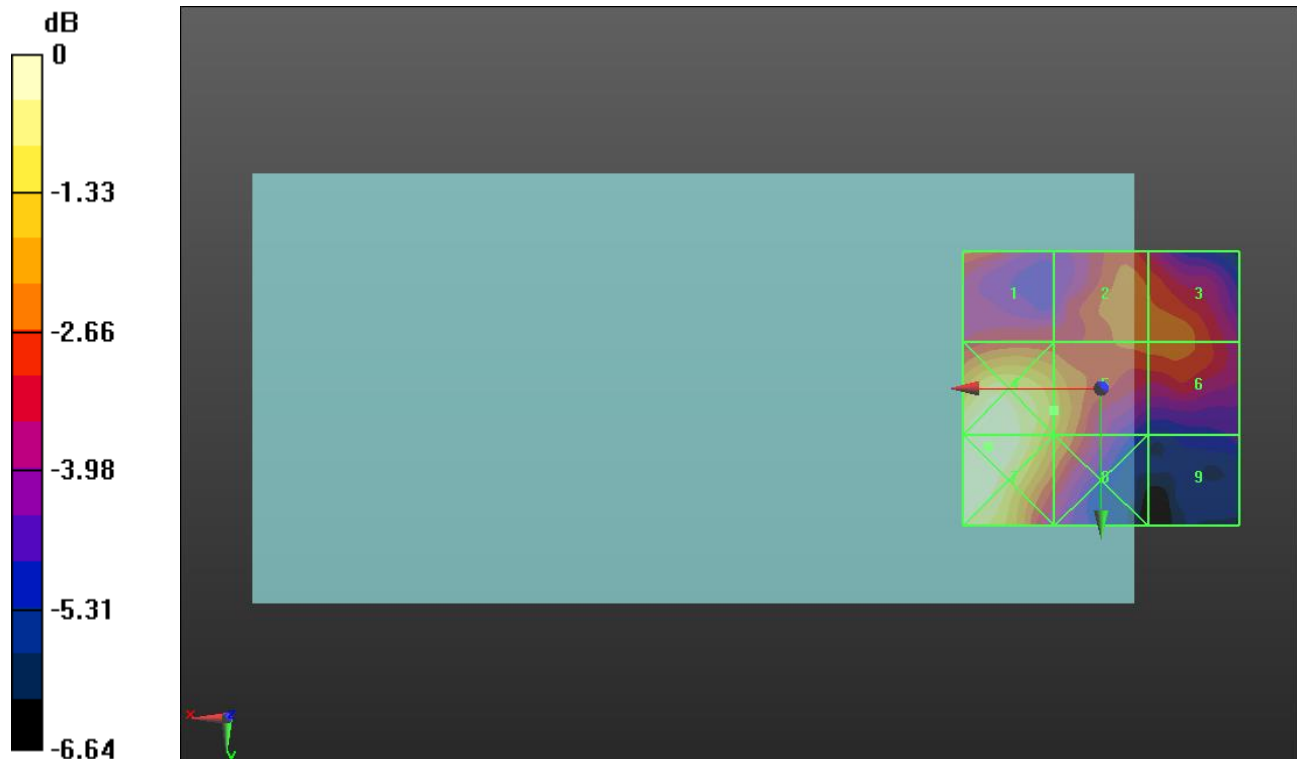
Applied MIF = -3.15 dB

RF audio interference level = 15.86 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>14.95 dBV/m</b> | Grid 2 <b>M4</b><br><b>15.12 dBV/m</b> | Grid 3 <b>M4</b><br><b>15.12 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>17.34 dBV/m</b> | Grid 5 <b>M4</b><br><b>15.86 dBV/m</b> | Grid 6 <b>M4</b><br><b>15.03 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>17.36 dBV/m</b> | Grid 8 <b>M4</b><br><b>15.58 dBV/m</b> | Grid 9 <b>M4</b><br><b>12.68 dBV/m</b> |



0 dB = 7.379 V/m = 17.36 dBV/m

## Wi-Fi 5 GHz ANT 5

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5300 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11a (5.3 GHz) E-Field measurement/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 = 9.975 V/m; Power Drift = -0.07 dB

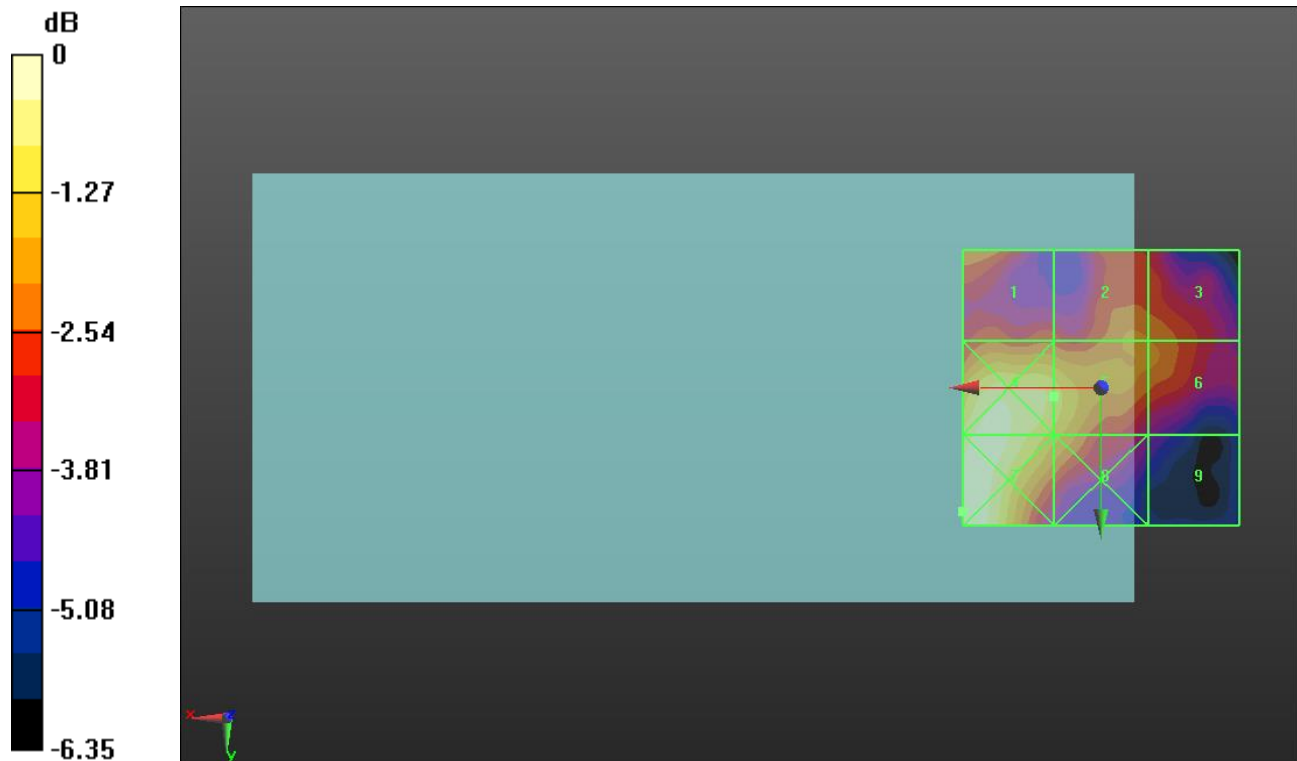
Applied MIF = -3.15 dB

RF audio interference level = 15.81 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>14.72 dBV/m</b> | Grid 2 <b>M4</b><br><b>14.78 dBV/m</b> | Grid 3 <b>M4</b><br><b>14.73 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>16.64 dBV/m</b> | Grid 5 <b>M4</b><br><b>15.81 dBV/m</b> | Grid 6 <b>M4</b><br><b>14.81 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>16.81 dBV/m</b> | Grid 8 <b>M4</b><br><b>15.34 dBV/m</b> | Grid 9 <b>M4</b><br><b>12.9 dBV/m</b>  |



0 dB = 6.927 V/m = 16.81 dBV/m



## Wi-Fi 5 GHz ANT 5

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5520 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11a (5.5 GHz) E-Field measurement/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 = 9.096 V/m; Power Drift = 0.13 dB

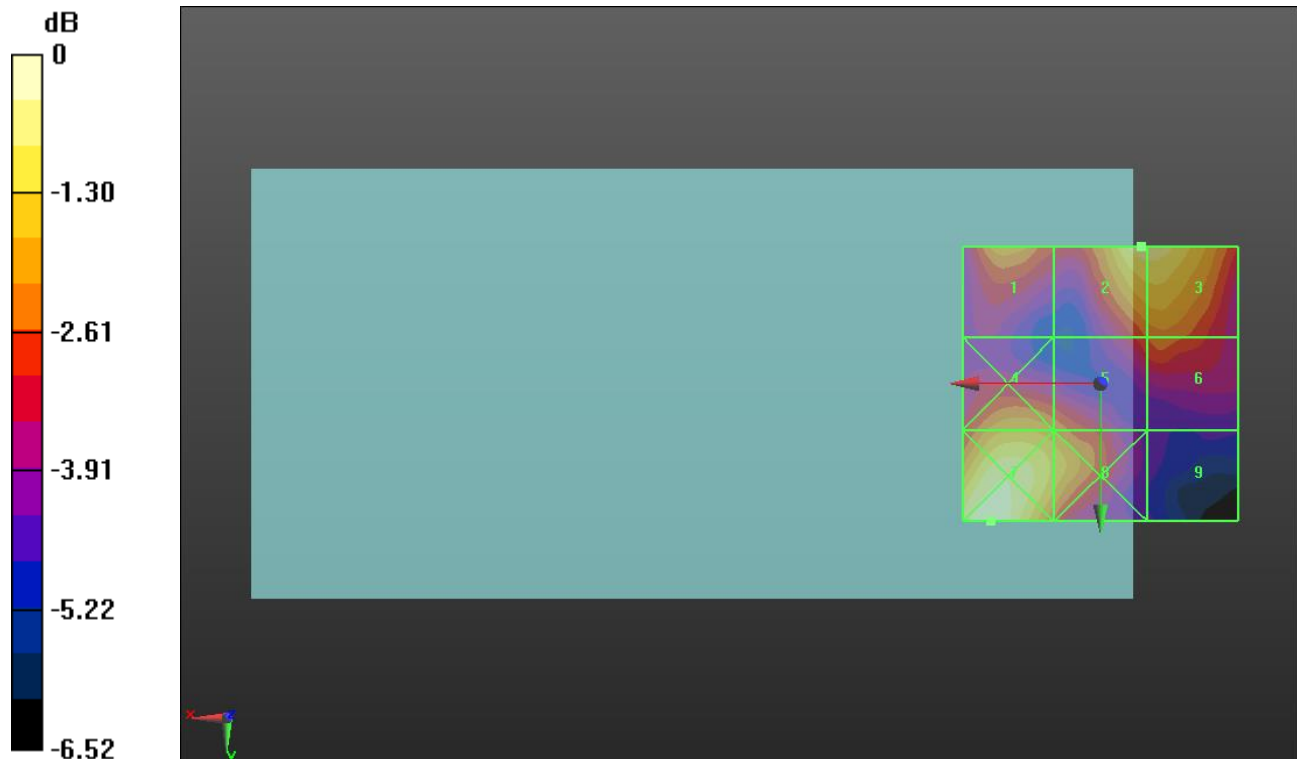
Applied MIF = -3.15 dB

RF audio interference level = 18.56 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>17.35 dBV/m</b> | Grid 2 <b>M4</b><br><b>18.56 dBV/m</b> | Grid 3 <b>M4</b><br><b>18.55 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>17.44 dBV/m</b> | Grid 5 <b>M4</b><br><b>16.99 dBV/m</b> | Grid 6 <b>M4</b><br><b>16.79 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>19.13 dBV/m</b> | Grid 8 <b>M4</b><br><b>17.74 dBV/m</b> | Grid 9 <b>M4</b><br><b>14.69 dBV/m</b> |



0 dB = 9.044 V/m = 19.13 dBV/m

## Wi-Fi 5 GHz ANT 5

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5620 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11a (5.5 GHz) E-Field measurement/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 = 9.957 V/m; Power Drift = -0.13 dB

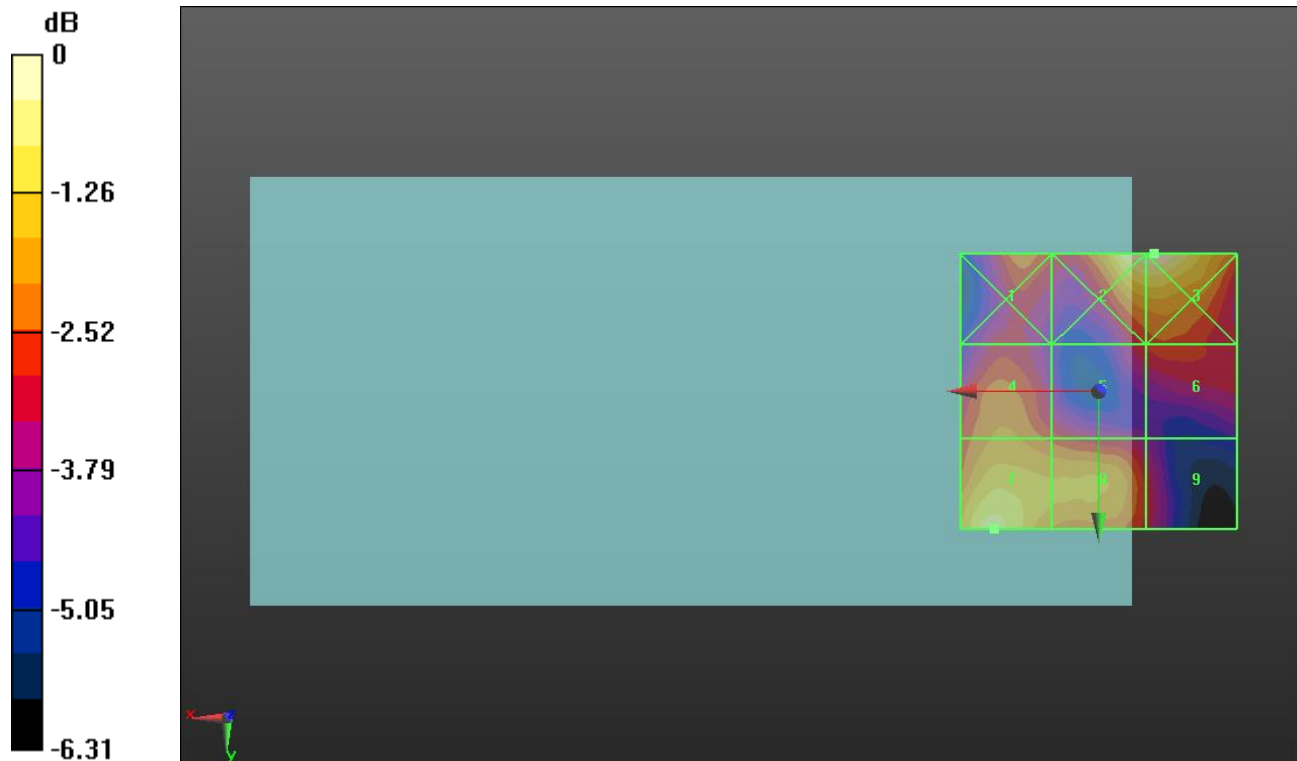
Applied MIF = -3.15 dB

RF audio interference level = 19.31 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>17.81 dBV/m</b> | Grid 2 <b>M4</b><br><b>19.87 dBV/m</b> | Grid 3 <b>M4</b><br><b>19.88 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>17.88 dBV/m</b> | Grid 5 <b>M4</b><br><b>17.21 dBV/m</b> | Grid 6 <b>M4</b><br><b>17.28 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>19.31 dBV/m</b> | Grid 8 <b>M4</b><br><b>18.33 dBV/m</b> | Grid 9 <b>M4</b><br><b>16.94 dBV/m</b> |



0 dB = 9.868 V/m = 19.88 dBV/m

## Wi-Fi 5 GHz ANT 5

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5720 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11a (5.5 GHz) E-Field measurement/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 = 11.05 V/m; Power Drift = 0.04 dB

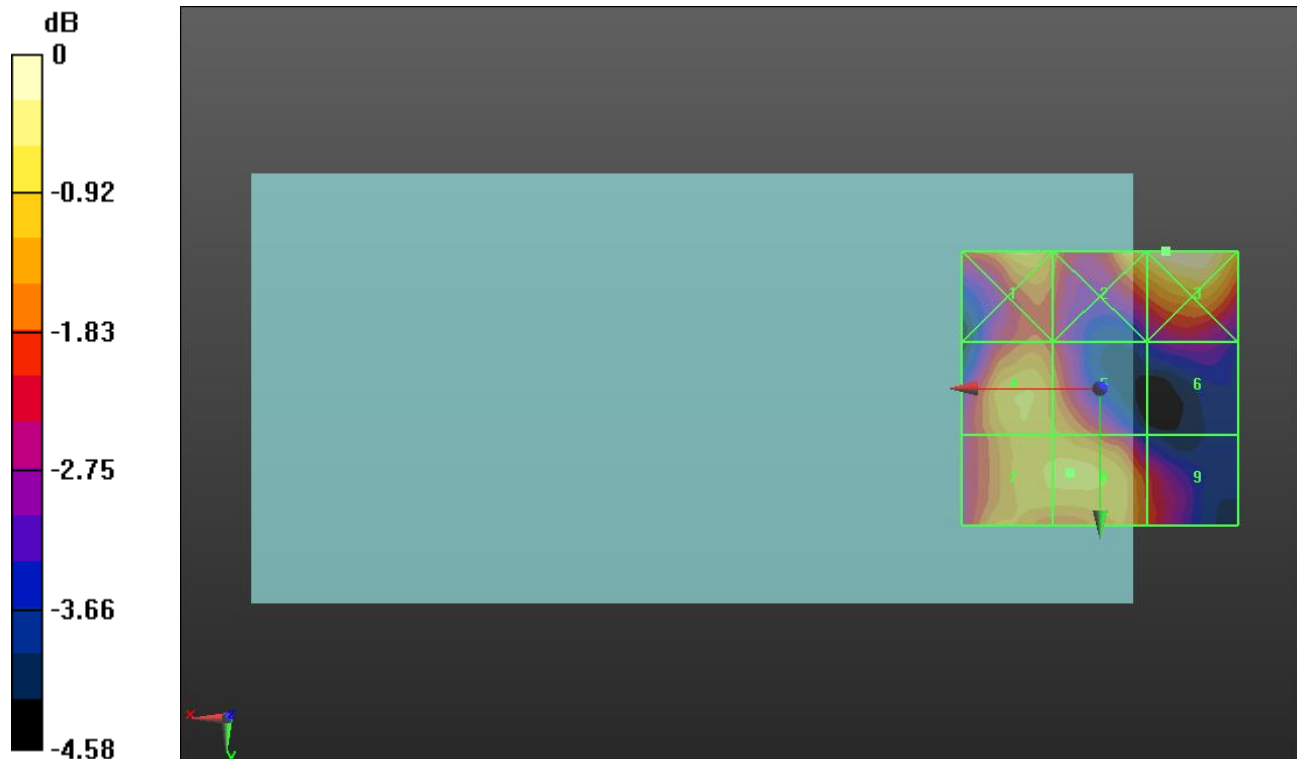
Applied MIF = -3.15 dB

RF audio interference level = 18.25 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>18.28 dBV/m</b> | Grid 2 <b>M4</b><br><b>18.74 dBV/m</b> | Grid 3 <b>M4</b><br><b>19.02 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>18.16 dBV/m</b> | Grid 5 <b>M4</b><br><b>17.88 dBV/m</b> | Grid 6 <b>M4</b><br><b>16.35 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>18.15 dBV/m</b> | Grid 8 <b>M4</b><br><b>18.25 dBV/m</b> | Grid 9 <b>M4</b><br><b>17.21 dBV/m</b> |



0 dB = 8.936 V/m = 19.02 dBV/m

## Wi-Fi 5 GHz ANT 5

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11a (5.8 GHz) E-Field measurement/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 = 9.646 V/m; Power Drift = -0.20 dB

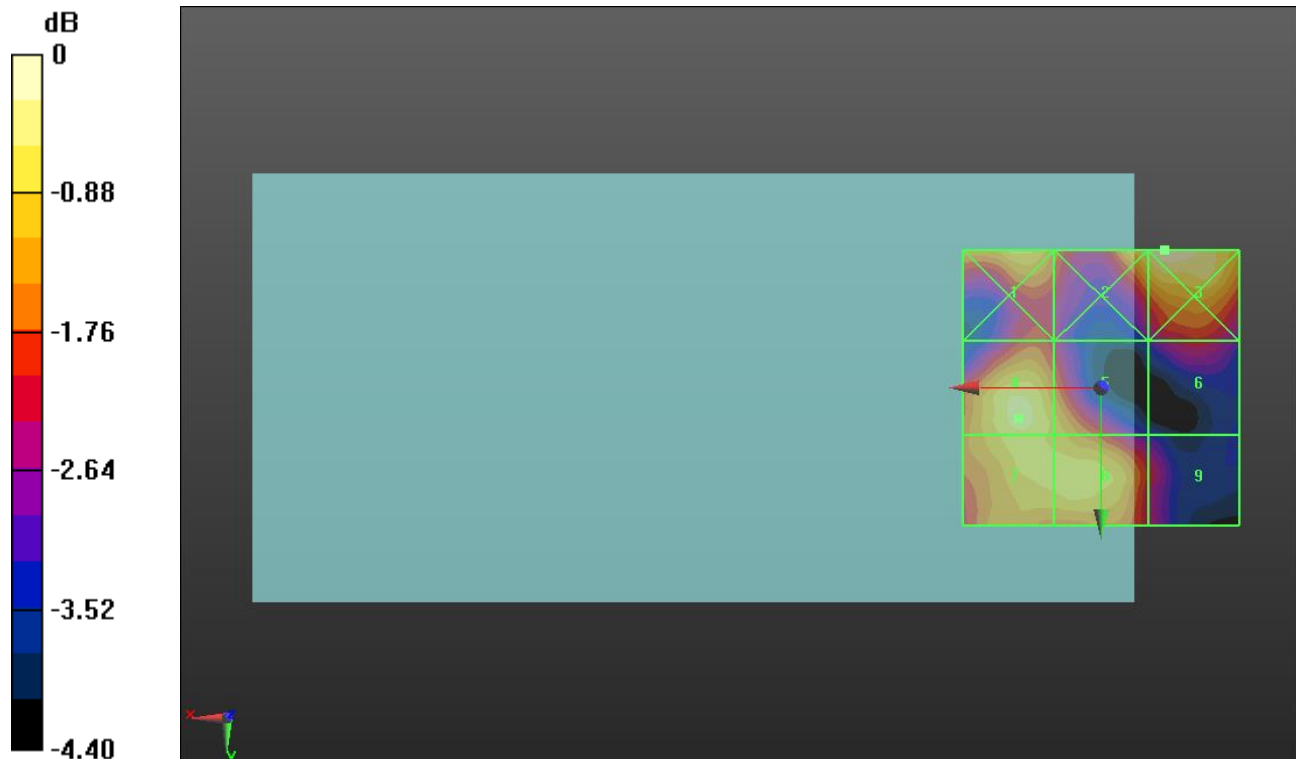
Applied MIF = -3.15 dB

RF audio interference level = 18.06 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>17.79 dBV/m</b> | Grid 2 <b>M4</b><br><b>18.26 dBV/m</b> | Grid 3 <b>M4</b><br><b>18.54 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>18.06 dBV/m</b> | Grid 5 <b>M4</b><br><b>17.56 dBV/m</b> | Grid 6 <b>M4</b><br><b>16.41 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>17.89 dBV/m</b> | Grid 8 <b>M4</b><br><b>17.89 dBV/m</b> | Grid 9 <b>M4</b><br><b>16.46 dBV/m</b> |



0 dB = 8.450 V/m = 18.54 dBV/m

## Wi-Fi 5 GHz ANT 5

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11a (5.8 GHz) E-Field measurement/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 = 10.04 V/m; Power Drift = -0.01 dB

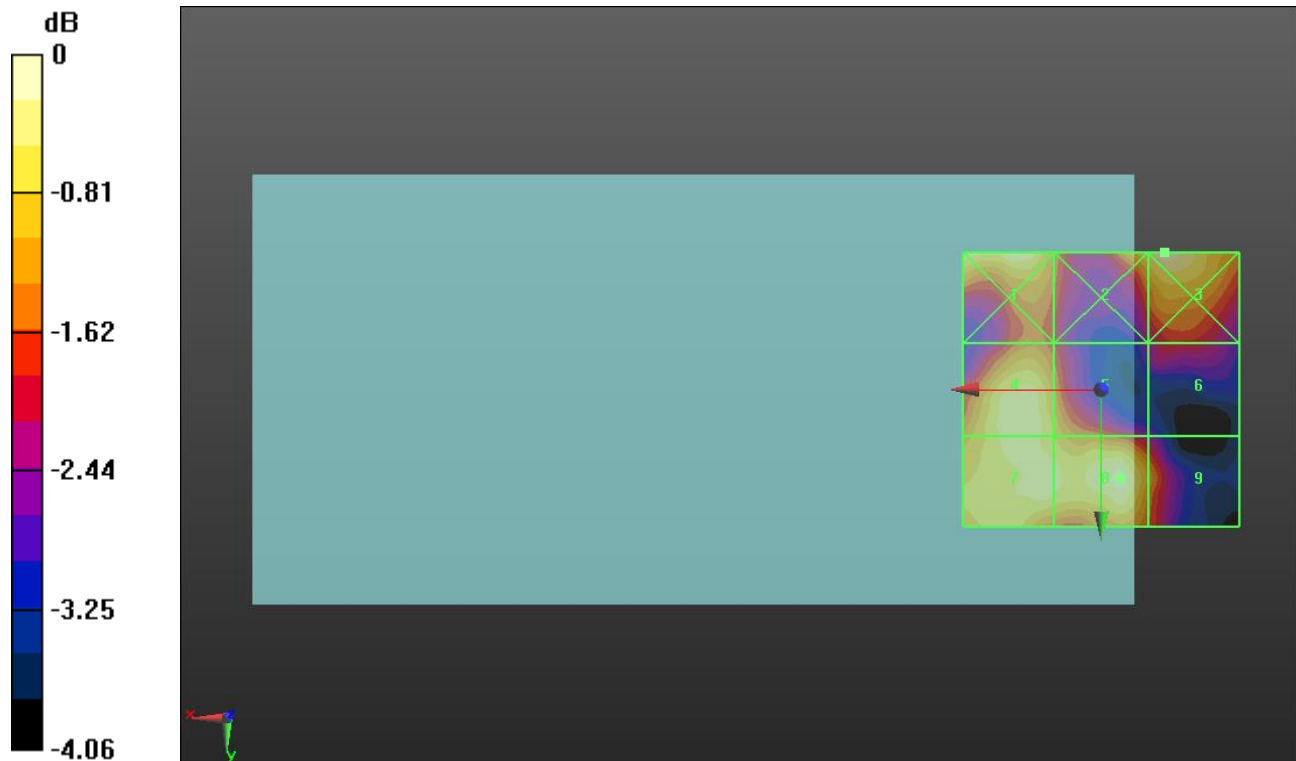
Applied MIF = -3.15 dB

RF audio interference level = 17.19 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>17.25 dBV/m</b> | Grid 2 <b>M4</b><br><b>17.08 dBV/m</b> | Grid 3 <b>M4</b><br><b>17.36 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>17.04 dBV/m</b> | Grid 5 <b>M4</b><br><b>16.54 dBV/m</b> | Grid 6 <b>M4</b><br><b>15.44 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>17.04 dBV/m</b> | Grid 8 <b>M4</b><br><b>17.19 dBV/m</b> | Grid 9 <b>M4</b><br><b>16.25 dBV/m</b> |



0 dB = 7.377 V/m = 17.36 dBV/m

## Wi-Fi 5 GHz ANT 5

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5825 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11a (5.8 GHz) E-Field measurement/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 = 8.835 V/m; Power Drift = -0.17 dB

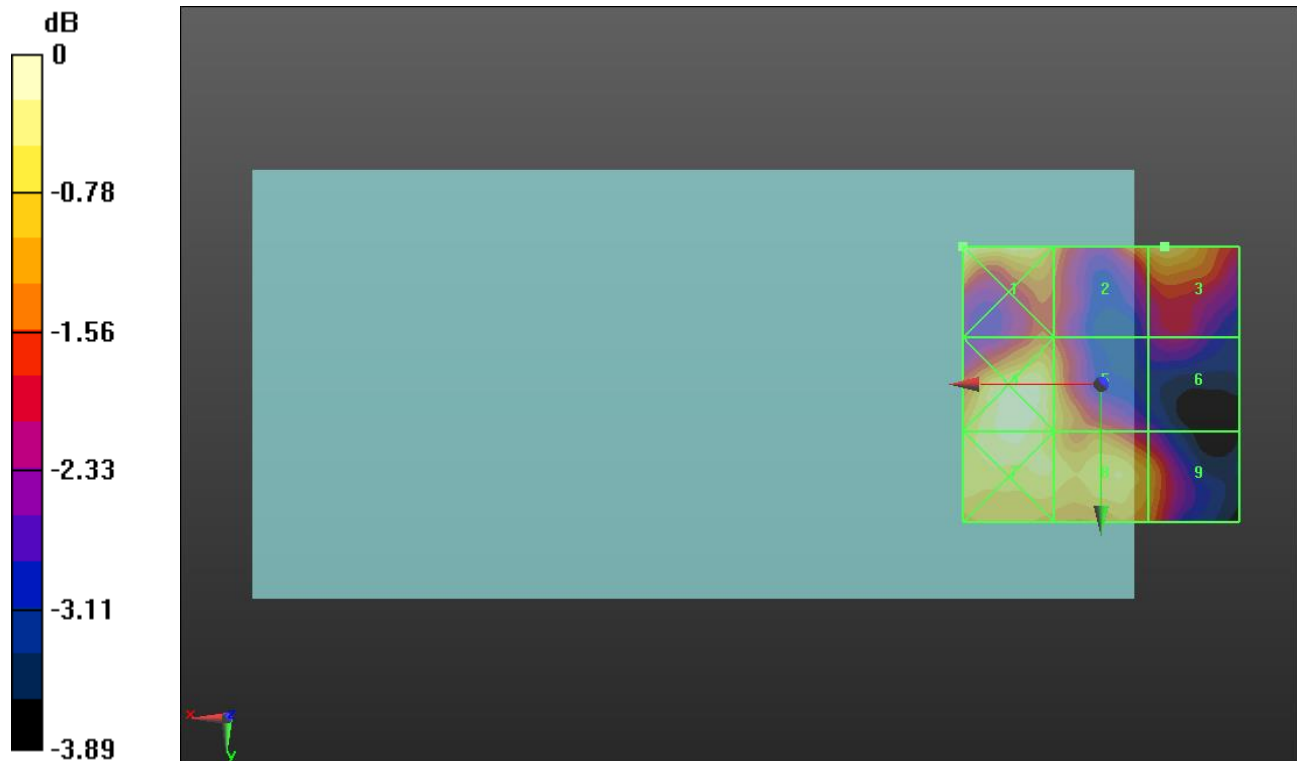
Applied MIF = -3.15 dB

RF audio interference level = 16.62 dBV/m

Emission category: **M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>16.95 dBV/m</b> | Grid 2 <b>M4</b><br><b>16.34 dBV/m</b> | Grid 3 <b>M4</b><br><b>16.62 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>16.84 dBV/m</b> | Grid 5 <b>M4</b><br><b>16.24 dBV/m</b> | Grid 6 <b>M4</b><br><b>14.78 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>16.76 dBV/m</b> | Grid 8 <b>M4</b><br><b>16.45 dBV/m</b> | Grid 9 <b>M4</b><br><b>15.96 dBV/m</b> |



0 dB = 7.037 V/m = 16.95 dBV/m

## Wi-Fi 5 GHz ANT 6

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5200 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11a (5.2 GHz) E-Field measurement/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 = 23.60 V/m; Power Drift = 0.01 dB

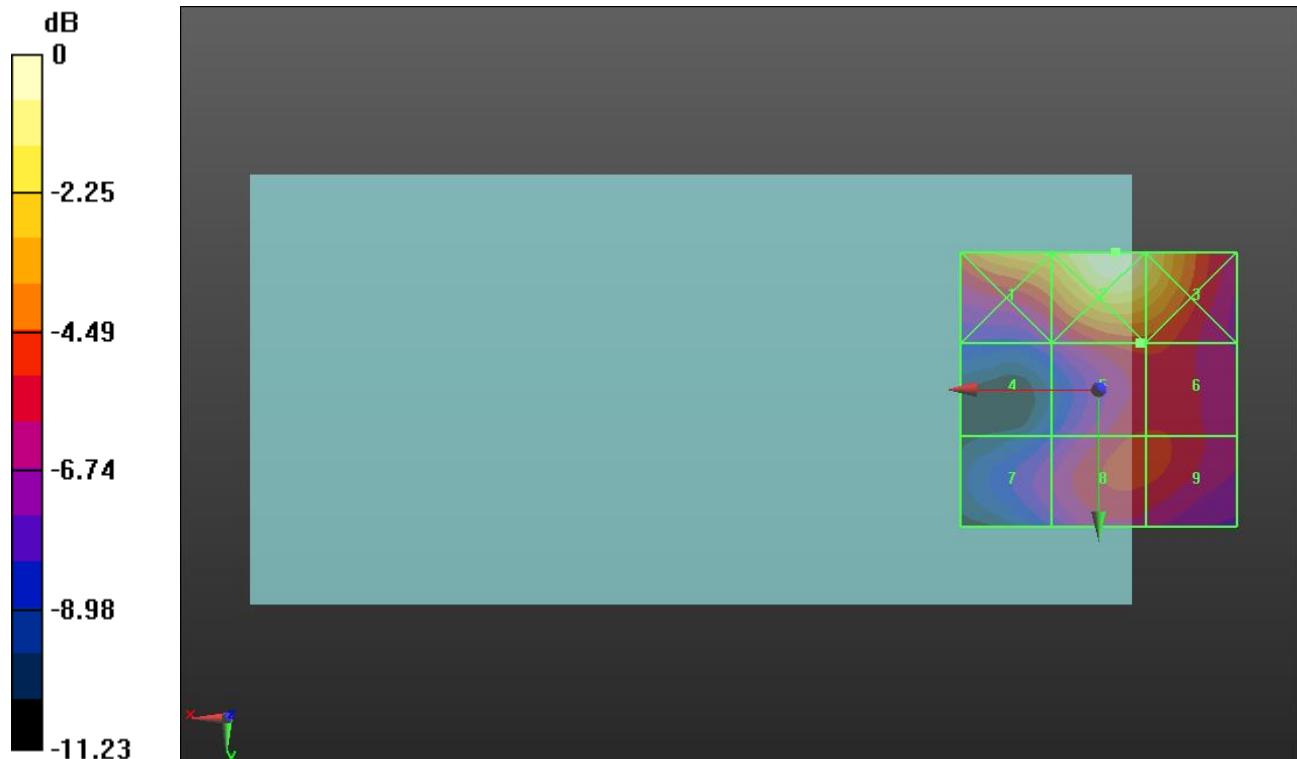
Applied MIF = -3.15 dB

RF audio interference level = 24.19 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>27.08 dBV/m</b> | Grid 2 <b>M4</b><br><b>28.98 dBV/m</b> | Grid 3 <b>M4</b><br><b>28 dBV/m</b>    |
| Grid 4 <b>M4</b><br><b>21.81 dBV/m</b> | Grid 5 <b>M4</b><br><b>24.19 dBV/m</b> | Grid 6 <b>M4</b><br><b>24.19 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>22.24 dBV/m</b> | Grid 8 <b>M4</b><br><b>24.11 dBV/m</b> | Grid 9 <b>M4</b><br><b>24.08 dBV/m</b> |



0 dB = 28.13 V/m = 28.98 dBV/m

## Wi-Fi 5 GHz ANT 6

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5220 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11a (5.2 GHz) E-Field measurement/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 = 24.71 V/m; Power Drift = -0.12 dB

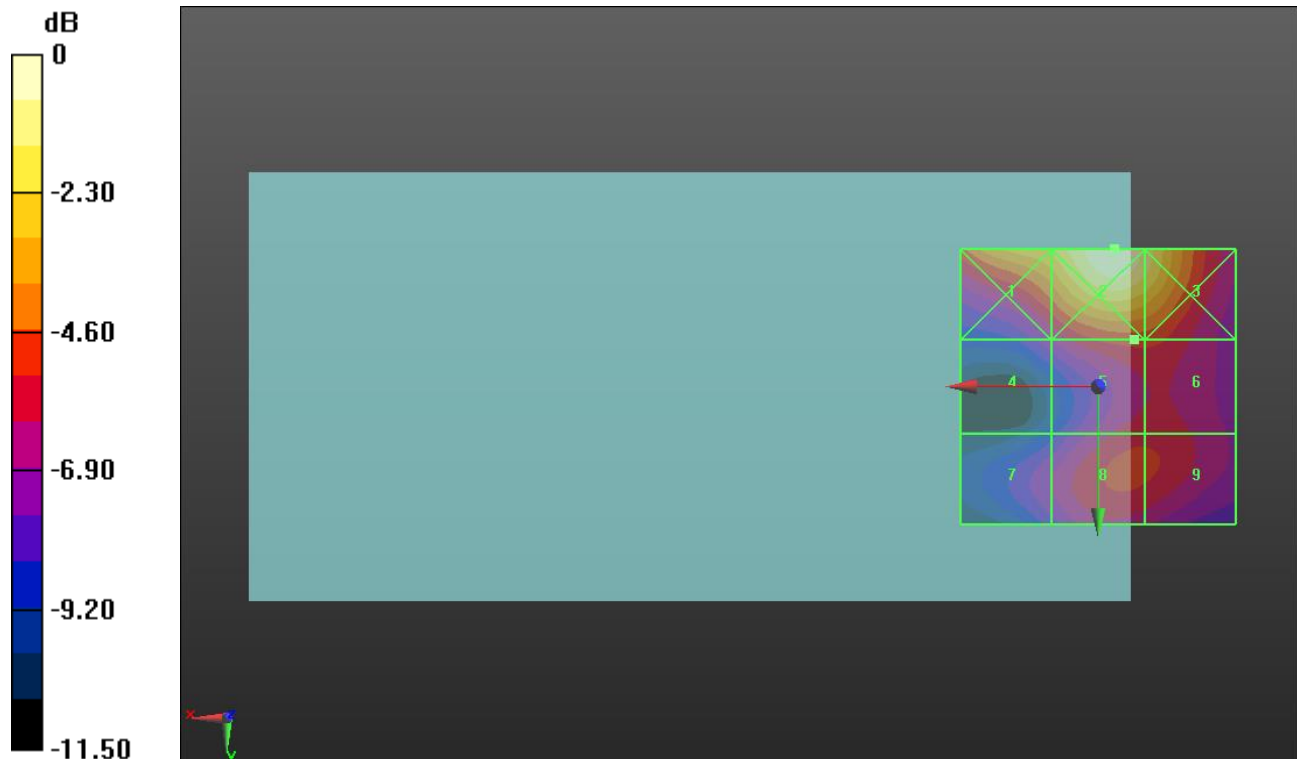
Applied MIF = -3.15 dB

RF audio interference level = 24.80 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>27.67 dBV/m</b> | Grid 2 <b>M4</b><br><b>29.77 dBV/m</b> | Grid 3 <b>M4</b><br><b>28.73 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>22.87 dBV/m</b> | Grid 5 <b>M4</b><br><b>24.8 dBV/m</b>  | Grid 6 <b>M4</b><br><b>24.78 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>22.94 dBV/m</b> | Grid 8 <b>M4</b><br><b>24.69 dBV/m</b> | Grid 9 <b>M4</b><br><b>24.6 dBV/m</b>  |



0 dB = 30.80 V/m = 29.77 dBV/m



**Wi-Fi 5 GHz ANT 6**

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5240 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**802.11a (5.2 GHz) E-Field measurement/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 = 26.26 V/m; Power Drift = -0.12 dB

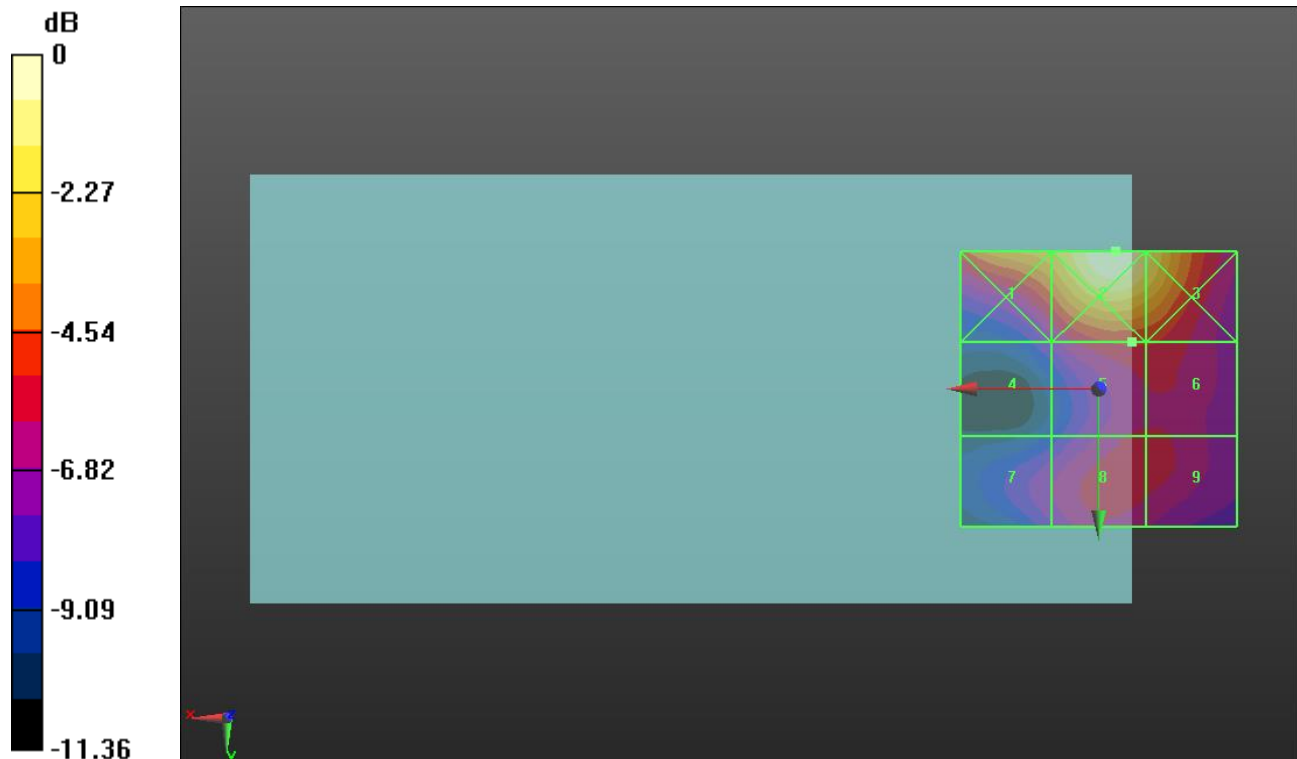
Applied MIF = -3.15 dB

RF audio interference level = 24.82 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>27.64 dBV/m</b> | Grid 2 <b>M4</b><br><b>29.94 dBV/m</b> | Grid 3 <b>M4</b><br><b>28.82 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>22.73 dBV/m</b> | Grid 5 <b>M4</b><br><b>24.82 dBV/m</b> | Grid 6 <b>M4</b><br><b>24.77 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>23.14 dBV/m</b> | Grid 8 <b>M4</b><br><b>24.36 dBV/m</b> | Grid 9 <b>M4</b><br><b>24.28 dBV/m</b> |



0 dB = 31.39 V/m = 29.94 dBV/m

## Wi-Fi 5 GHz ANT 6

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5260 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11a (5.3 GHz) E-Field measurement/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 = 25.69 V/m; Power Drift = -0.09 dB

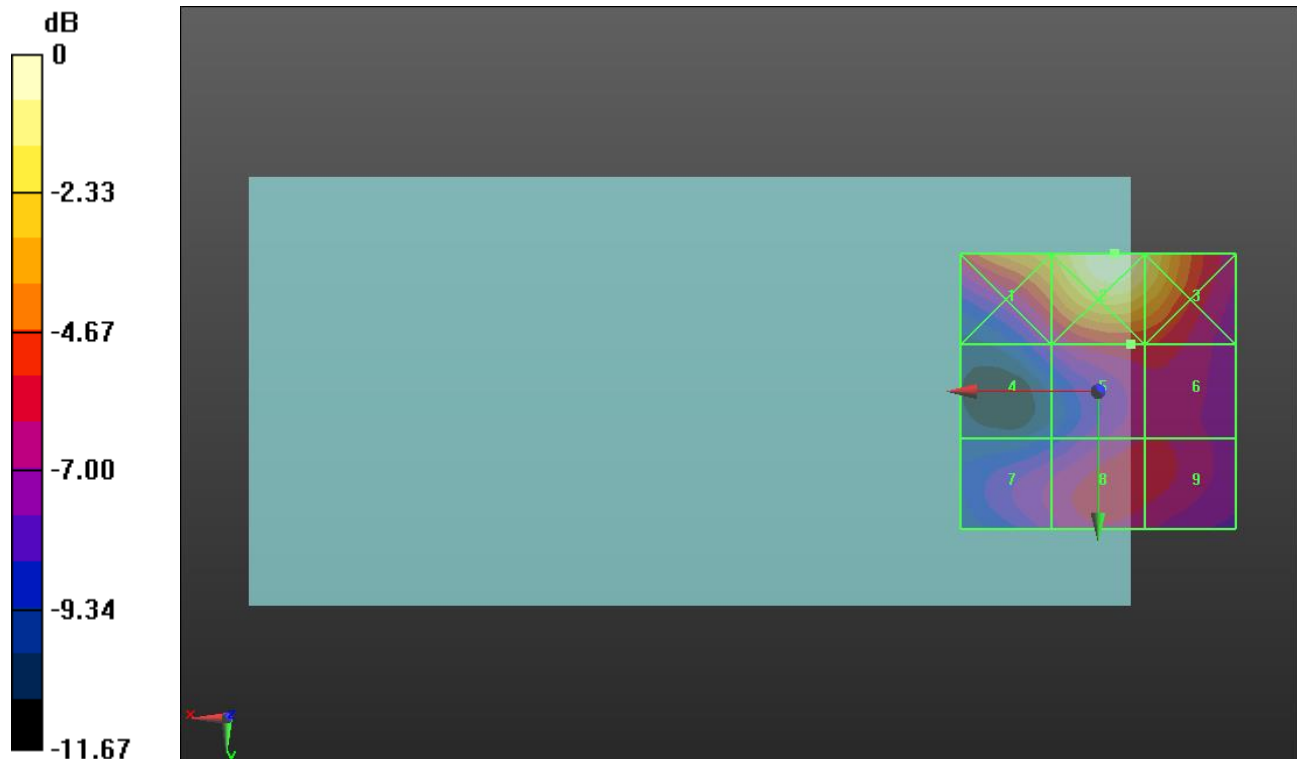
Applied MIF = -3.15 dB

RF audio interference level = 24.82 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>27.82 dBV/m</b> | Grid 2 <b>M3</b><br><b>30.21 dBV/m</b> | Grid 3 <b>M4</b><br><b>29.05 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>22.95 dBV/m</b> | Grid 5 <b>M4</b><br><b>24.82 dBV/m</b> | Grid 6 <b>M4</b><br><b>24.8 dBV/m</b>  |
| Grid 7 <b>M4</b><br><b>23.49 dBV/m</b> | Grid 8 <b>M4</b><br><b>24.52 dBV/m</b> | Grid 9 <b>M4</b><br><b>24.44 dBV/m</b> |



0 dB = 32.38 V/m = 30.21 dBV/m

## Wi-Fi 5 GHz ANT 6

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5280 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11a (5.3 GHz) E-Field measurement/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 = 26.92 V/m; Power Drift = -0.11 dB

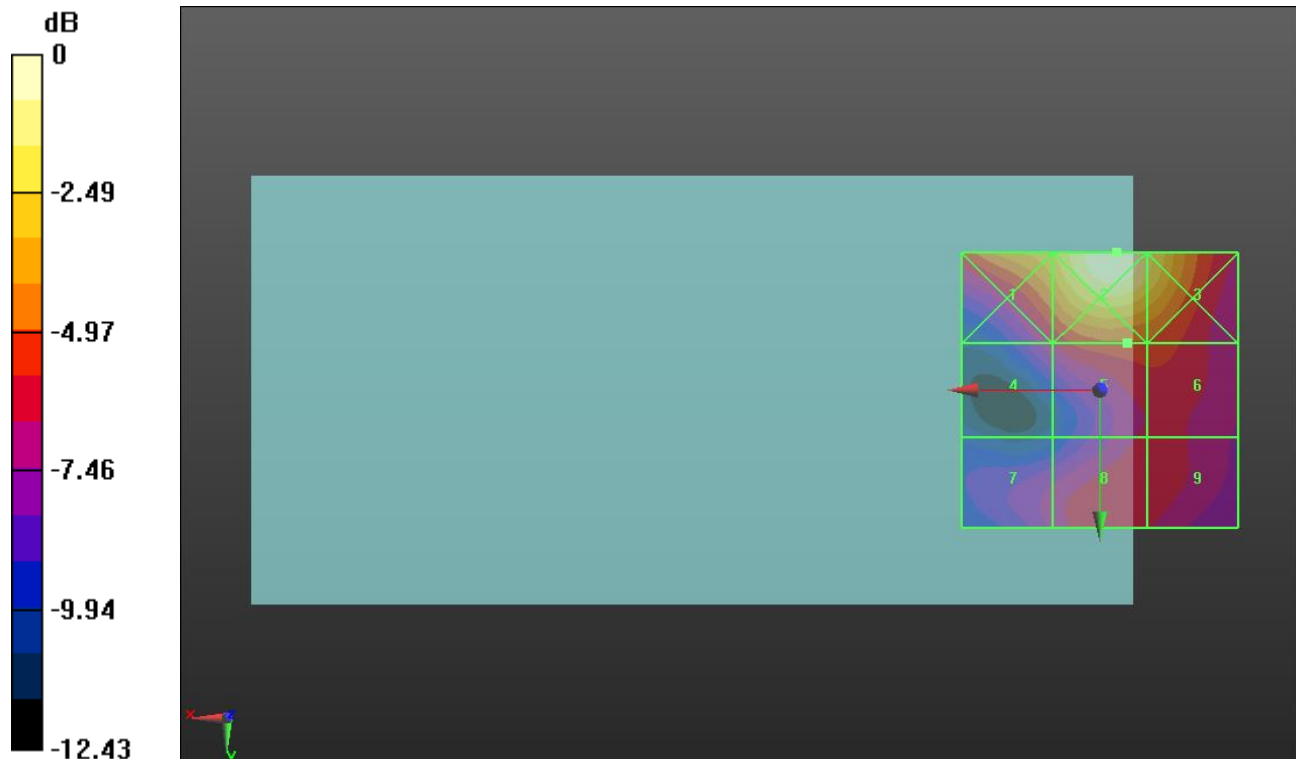
Applied MIF = -3.15 dB

RF audio interference level = 25.05 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>27.69 dBV/m</b> | Grid 2 <b>M3</b><br><b>30.11 dBV/m</b> | Grid 3 <b>M4</b><br><b>28.89 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>23.46 dBV/m</b> | Grid 5 <b>M4</b><br><b>25.05 dBV/m</b> | Grid 6 <b>M4</b><br><b>24.99 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>23.12 dBV/m</b> | Grid 8 <b>M4</b><br><b>24.2 dBV/m</b>  | Grid 9 <b>M4</b><br><b>24.06 dBV/m</b> |



0 dB = 32.03 V/m = 30.11 dBV/m

## Wi-Fi 5 GHz ANT 6

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5300 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11a (5.3 GHz) E-Field measurement/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 = 26.64 V/m; Power Drift = -0.16 dB

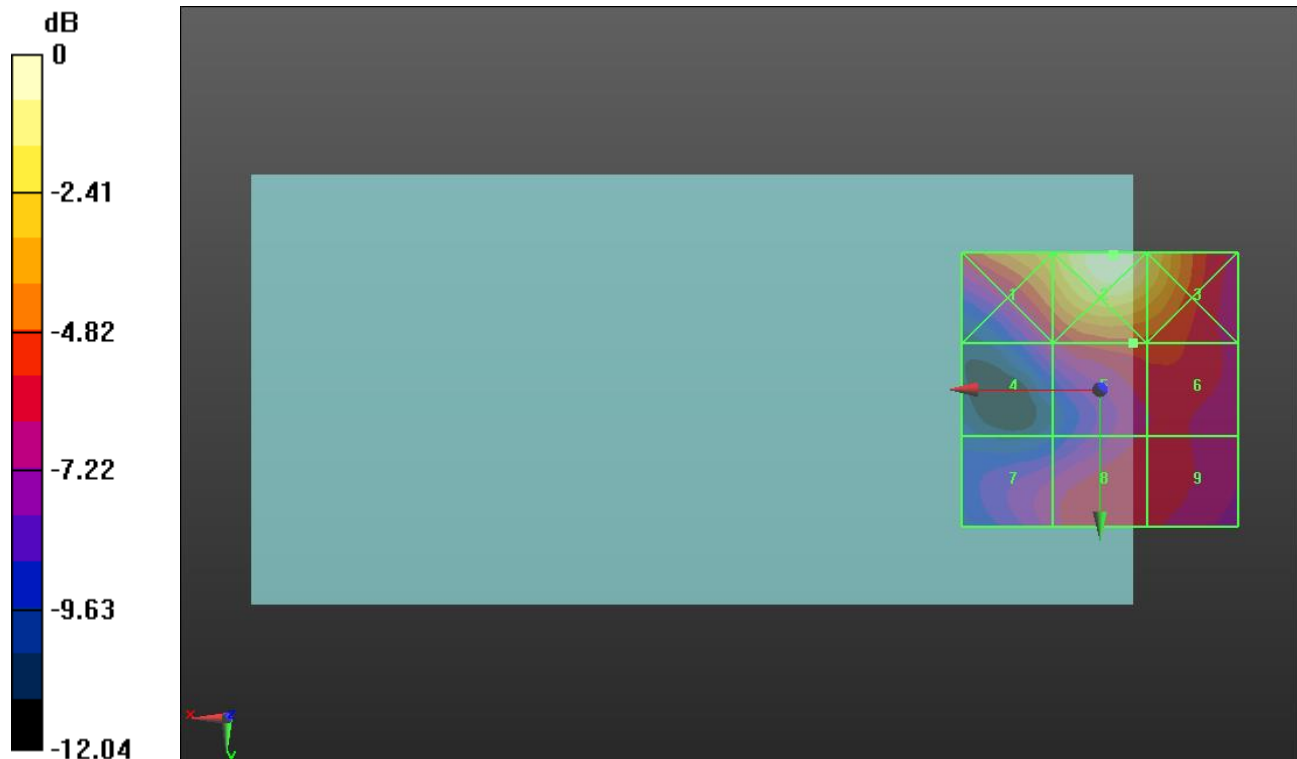
Applied MIF = -3.15 dB

RF audio interference level = 25.08 dBV/m

Emission category: **M4**

MIF scaled E-field

|                                 |                                 |                                 |
|---------------------------------|---------------------------------|---------------------------------|
| Grid 1 <b>M4</b><br>27.7 dBV/m  | Grid 2 <b>M3</b><br>30.11 dBV/m | Grid 3 <b>M4</b><br>28.86 dBV/m |
| Grid 4 <b>M4</b><br>23.5 dBV/m  | Grid 5 <b>M4</b><br>25.08 dBV/m | Grid 6 <b>M4</b><br>25.06 dBV/m |
| Grid 7 <b>M4</b><br>23.53 dBV/m | Grid 8 <b>M4</b><br>24.5 dBV/m  | Grid 9 <b>M4</b><br>24.34 dBV/m |



0 dB = 32.04 V/m = 30.11 dBV/m

## Wi-Fi 5 GHz ANT 6

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5520 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11a (5.5 GHz) E-Field measurement/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 = 32.91 V/m; Power Drift = 0.06 dB

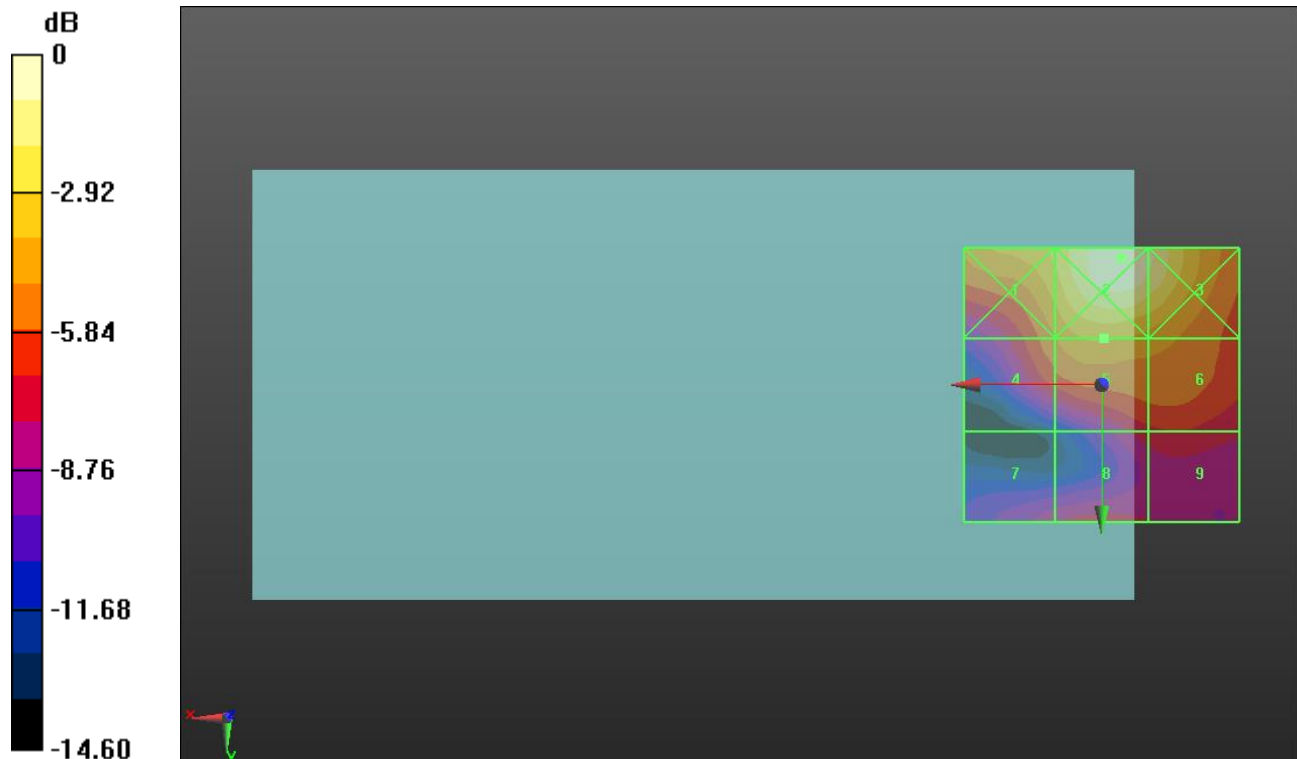
Applied MIF = -3.15 dB

RF audio interference level = 27.12 dBV/m

Emission category: **M4**

MIF scaled E-field

|                                 |                                 |                                 |
|---------------------------------|---------------------------------|---------------------------------|
| Grid 1 <b>M4</b><br>28.18 dBV/m | Grid 2 <b>M3</b><br>30.82 dBV/m | Grid 3 <b>M3</b><br>30.06 dBV/m |
| Grid 4 <b>M4</b><br>25.9 dBV/m  | Grid 5 <b>M4</b><br>27.12 dBV/m | Grid 6 <b>M4</b><br>26.57 dBV/m |
| Grid 7 <b>M4</b><br>22.85 dBV/m | Grid 8 <b>M4</b><br>23.69 dBV/m | Grid 9 <b>M4</b><br>24.01 dBV/m |



0 dB = 34.74 V/m = 30.82 dBV/m

## Wi-Fi 5 GHz ANT 6

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5620 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11a (5.5 GHz) E-Field measurement/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 = 34.93 V/m; Power Drift = -0.01 dB

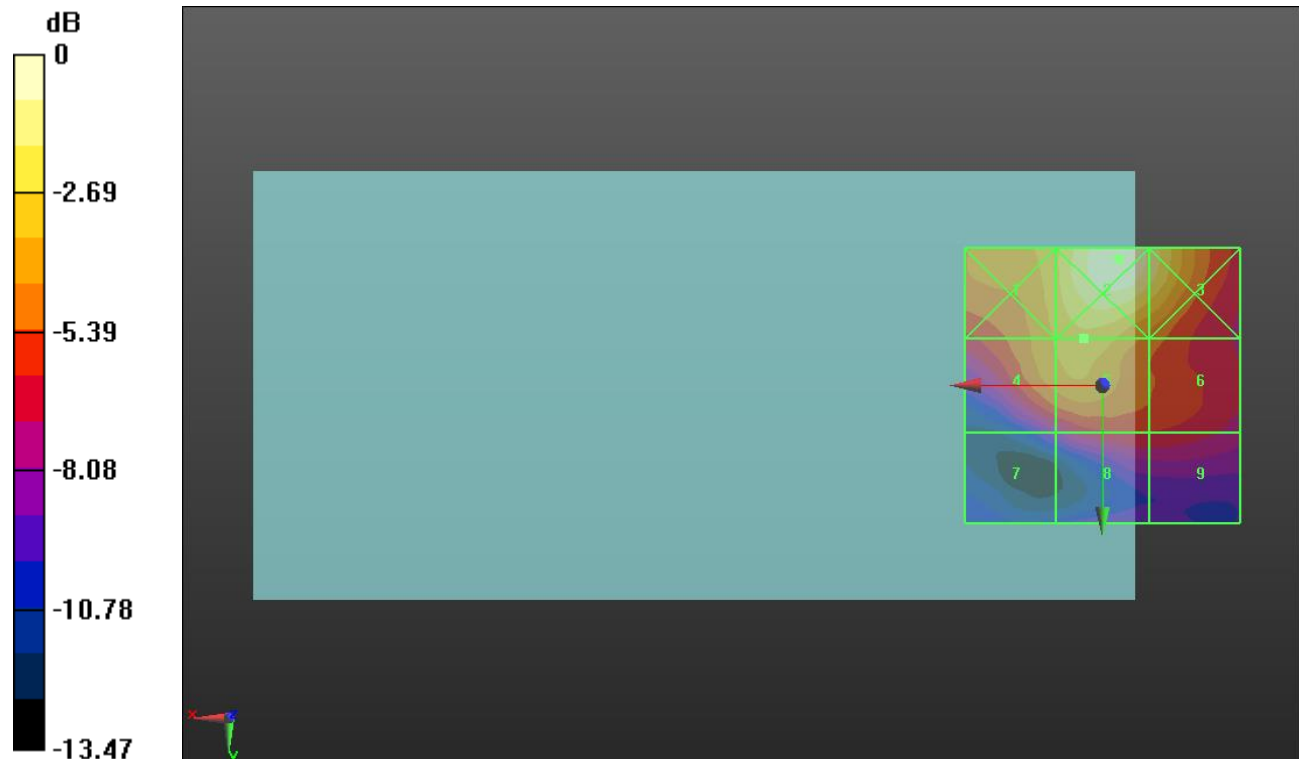
Applied MIF = -3.15 dB

RF audio interference level = 26.96 dBV/m

Emission category: **M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>27.06 dBV/m</b> | Grid 2 <b>M4</b><br><b>29.91 dBV/m</b> | Grid 3 <b>M4</b><br><b>28.83 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>26.4 dBV/m</b>  | Grid 5 <b>M4</b><br><b>26.96 dBV/m</b> | Grid 6 <b>M4</b><br><b>25.11 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>21.66 dBV/m</b> | Grid 8 <b>M4</b><br><b>23.7 dBV/m</b>  | Grid 9 <b>M4</b><br><b>23.63 dBV/m</b> |



0 dB = 31.29 V/m = 29.91 dBV/m

## Wi-Fi 5 GHz ANT 6

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5720 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11a (5.5 GHz) E-Field measurement/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 = 30.48 V/m; Power Drift = -0.12 dB

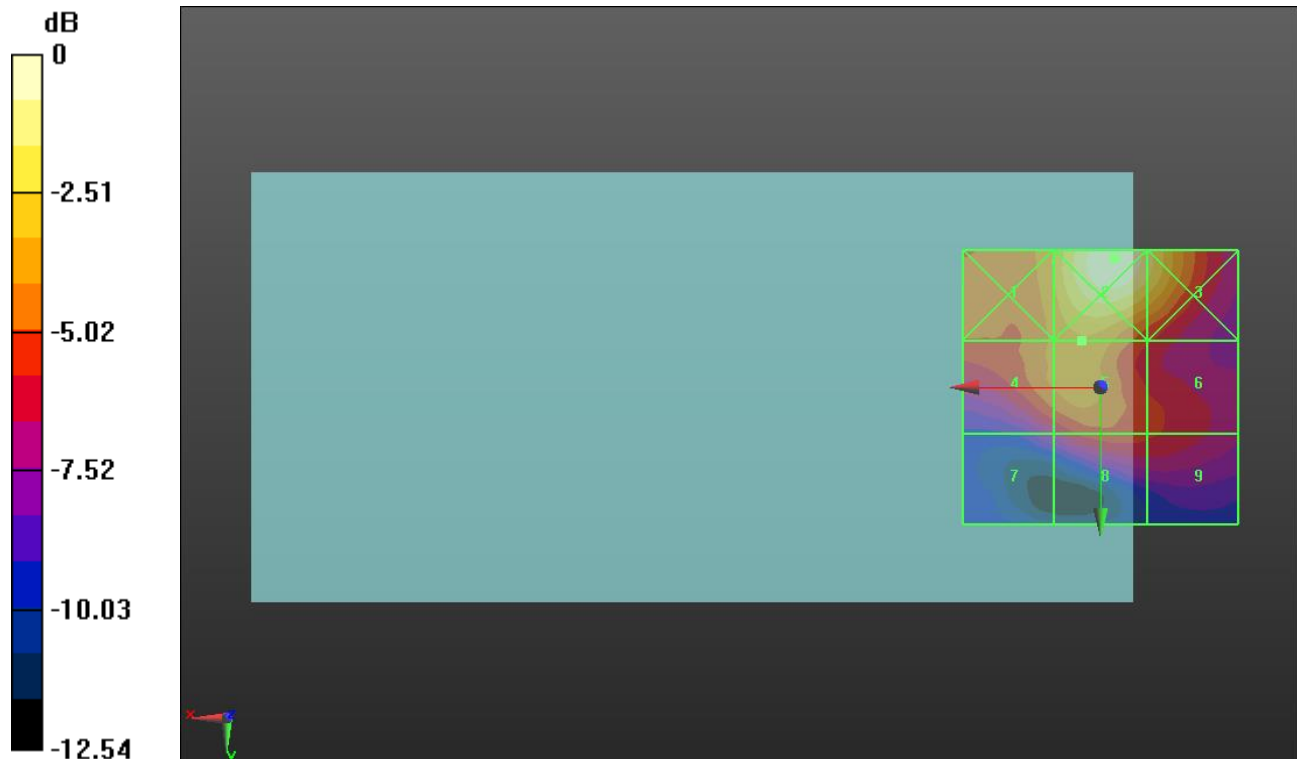
Applied MIF = -3.15 dB

RF audio interference level = 25.09 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>25.31 dBV/m</b> | Grid 2 <b>M4</b><br><b>28.53 dBV/m</b> | Grid 3 <b>M4</b><br><b>27.29 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>24.58 dBV/m</b> | Grid 5 <b>M4</b><br><b>25.09 dBV/m</b> | Grid 6 <b>M4</b><br><b>23.03 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>21.4 dBV/m</b>  | Grid 8 <b>M4</b><br><b>23.29 dBV/m</b> | Grid 9 <b>M4</b><br><b>22.88 dBV/m</b> |



0 dB = 26.70 V/m = 28.53 dBV/m

## Wi-Fi 5 GHz ANT 6

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11a (5.8 GHz) E-Field measurement/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 = 28.00 V/m; Power Drift = -0.08 dB

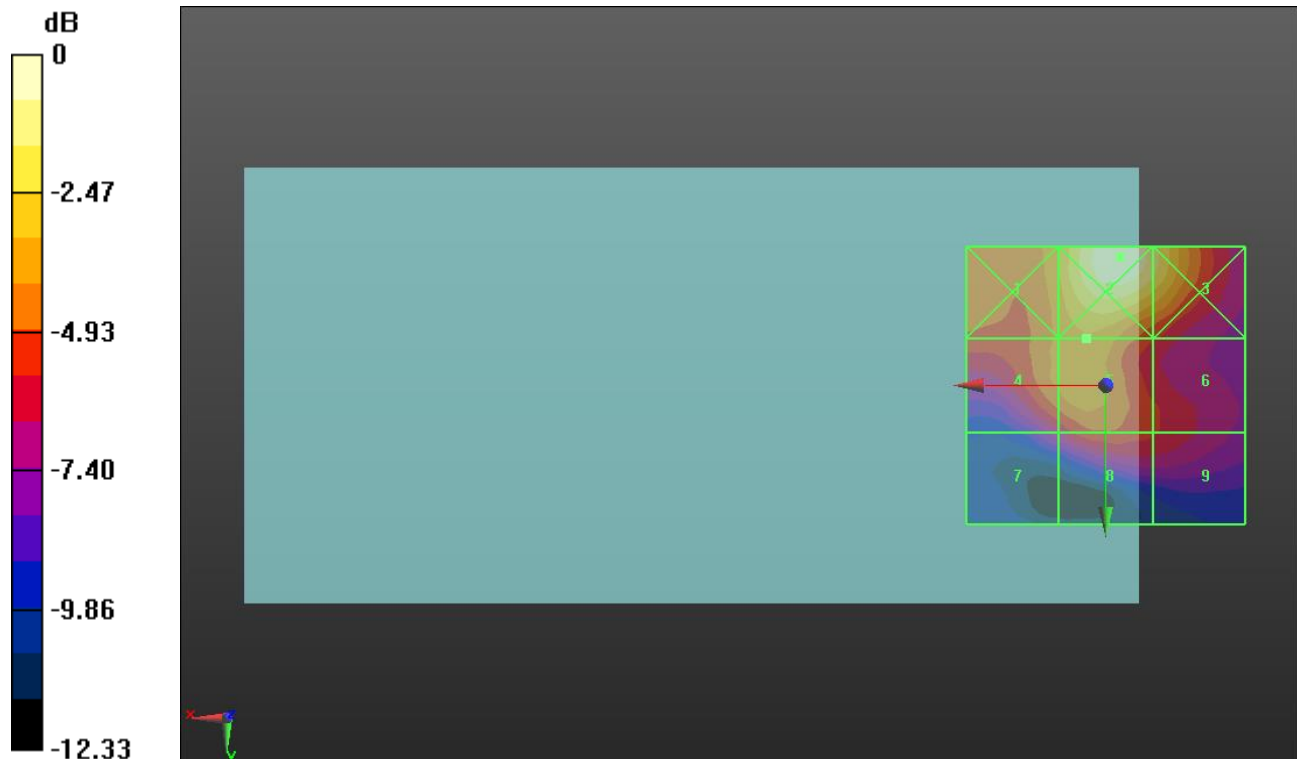
Applied MIF = -3.15 dB

RF audio interference level = 24.26 dBV/m

Emission category: **M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>24.34 dBV/m</b> | Grid 2 <b>M4</b><br><b>27.63 dBV/m</b> | Grid 3 <b>M4</b><br><b>26.38 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>23.84 dBV/m</b> | Grid 5 <b>M4</b><br><b>24.26 dBV/m</b> | Grid 6 <b>M4</b><br><b>22.07 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>20.92 dBV/m</b> | Grid 8 <b>M4</b><br><b>22.63 dBV/m</b> | Grid 9 <b>M4</b><br><b>21.97 dBV/m</b> |



0 dB = 24.08 V/m = 27.63 dBV/m



## Wi-Fi 5 GHz ANT 6

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11a (5.8 GHz) E-Field measurement/OFDM, 54 Mbps\_ch 157/Hearing Aid Compatibility Test (101x101x1):

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 25.31 V/m; Power Drift = -0.03 dB

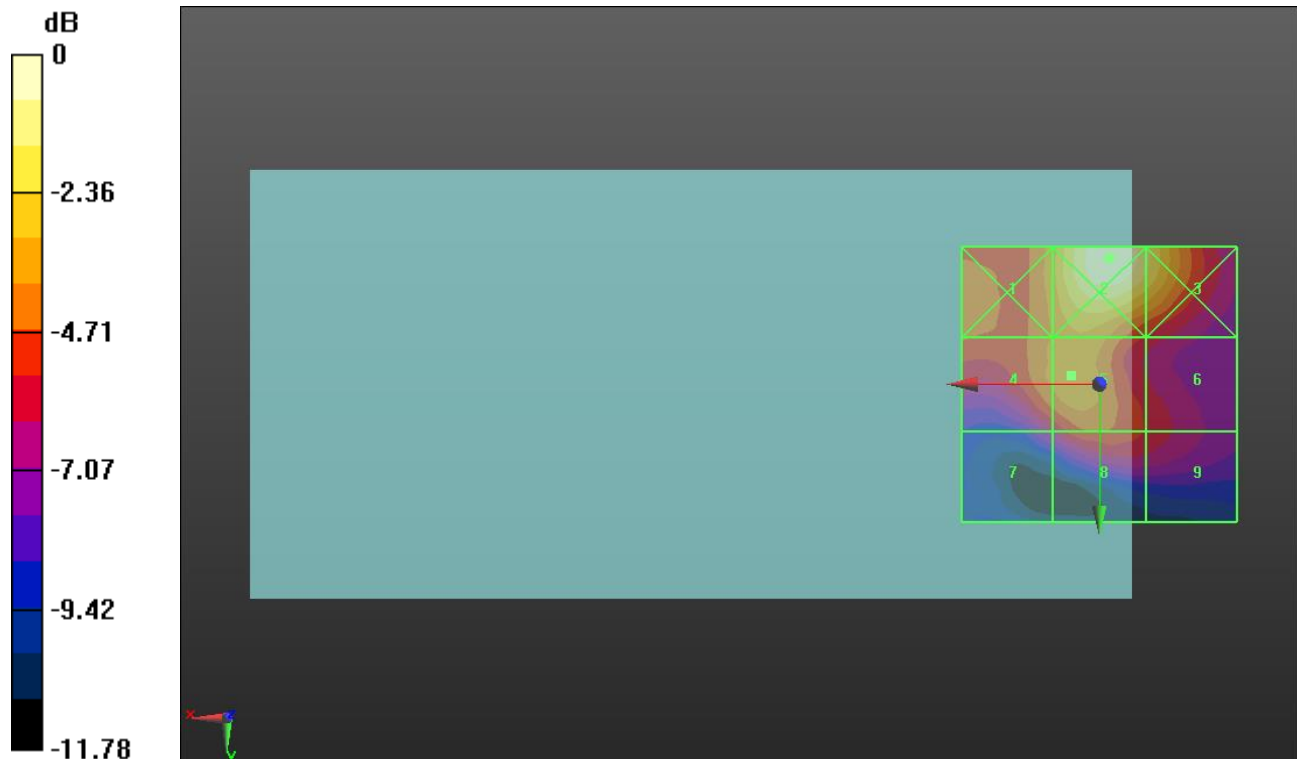
Applied MIF = -3.15 dB

RF audio interference level = 23.68 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>23.55 dBV/m</b> | Grid 2 <b>M4</b><br><b>26.9 dBV/m</b>  | Grid 3 <b>M4</b><br><b>25.58 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>23.24 dBV/m</b> | Grid 5 <b>M4</b><br><b>23.68 dBV/m</b> | Grid 6 <b>M4</b><br><b>21.35 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>20.5 dBV/m</b>  | Grid 8 <b>M4</b><br><b>22.22 dBV/m</b> | Grid 9 <b>M4</b><br><b>21.32 dBV/m</b> |



0 dB = 22.14 V/m = 26.90 dBV/m

## Wi-Fi 5 GHz ANT 6

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5825 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## 802.11a (5.8 GHz) E-Field measurement/OFDM, 54 Mbps\_ch 165/Hearing Aid Compatibility Test (101x101x1):

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22.31 V/m; Power Drift = -0.05 dB

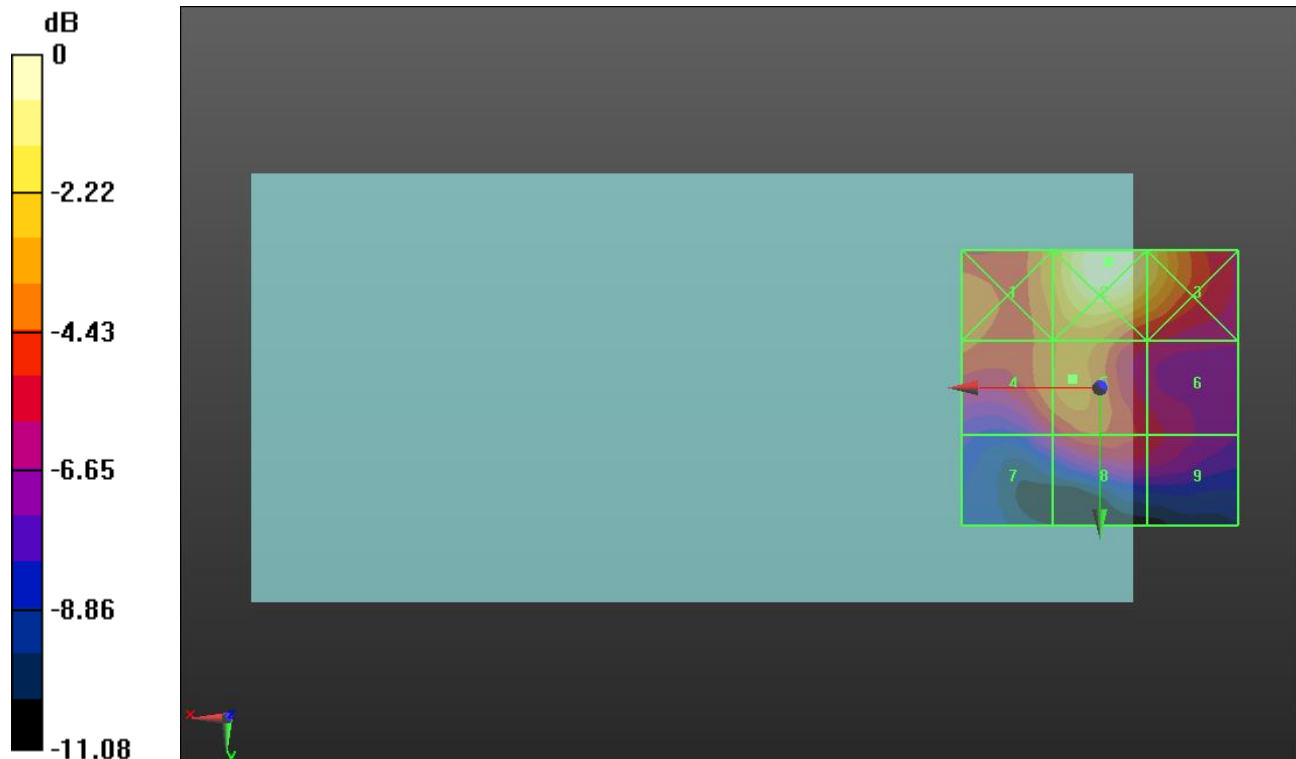
Applied MIF = -3.15 dB

RF audio interference level = 22.43 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>22.78 dBV/m</b> | Grid 2 <b>M4</b><br><b>25.69 dBV/m</b> | Grid 3 <b>M4</b><br><b>24.26 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>22.07 dBV/m</b> | Grid 5 <b>M4</b><br><b>22.43 dBV/m</b> | Grid 6 <b>M4</b><br><b>20.26 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>19.79 dBV/m</b> | Grid 8 <b>M4</b><br><b>21.24 dBV/m</b> | Grid 9 <b>M4</b><br><b>20.26 dBV/m</b> |



0 dB = 19.26 V/m = 25.69 dBV/m

**LTE Band 48 ANT 7**

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 - SN4041; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**LTE Band 48 ANT 7 E-Field measurement/SC-FDMA 1RB 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 = 13.85 V/m; Power Drift = -0.09 dB

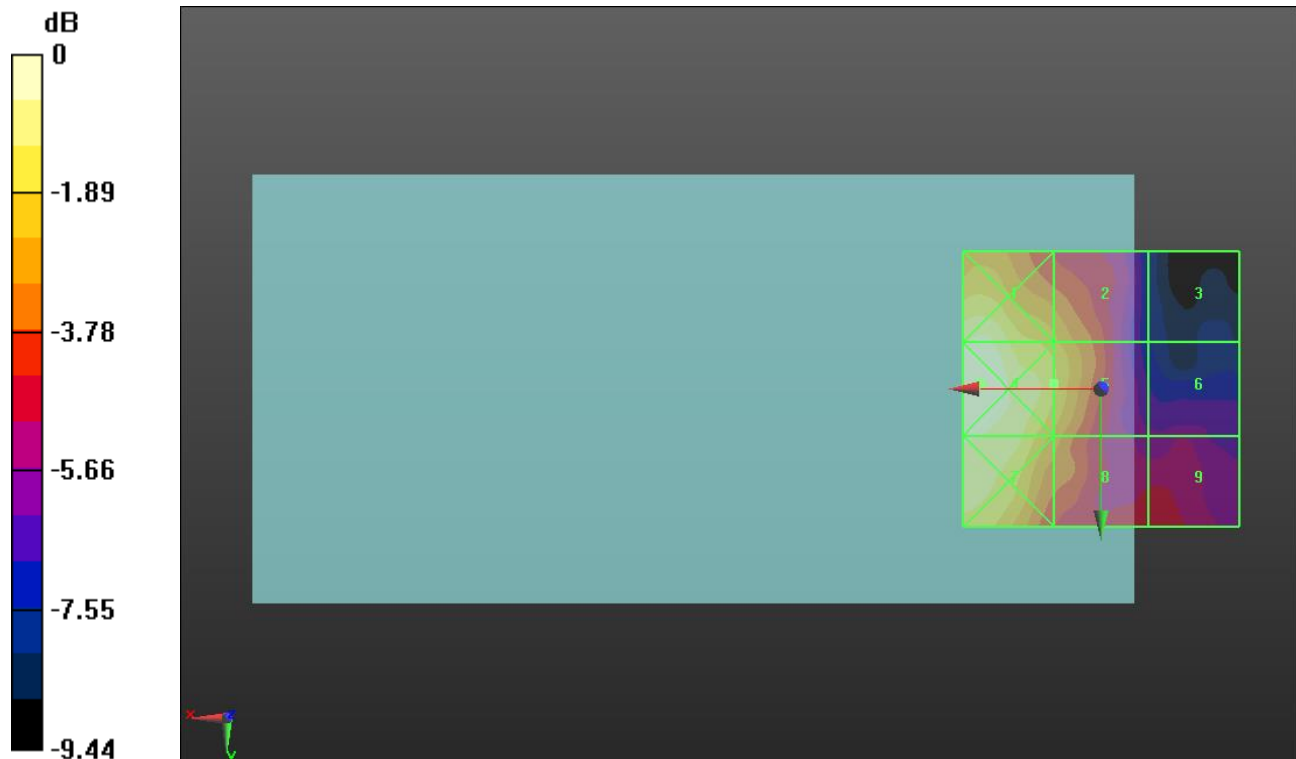
Applied MIF = -1.44 dB

RF audio interference level = 21.60 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>22.91 dBV/m</b> | Grid 2 <b>M4</b><br><b>21.08 dBV/m</b> | Grid 3 <b>M4</b><br><b>16.01 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>23.37 dBV/m</b> | Grid 5 <b>M4</b><br><b>21.6 dBV/m</b>  | Grid 6 <b>M4</b><br><b>17.61 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>22.78 dBV/m</b> | Grid 8 <b>M4</b><br><b>20.62 dBV/m</b> | Grid 9 <b>M4</b><br><b>18.81 dBV/m</b> |



0 dB = 14.74 V/m = 23.37 dBV/m

**LTE Band 48 ANT 7**

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 - SN4041; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**LTE Band 48 ANT 7 E-Field measurement/SC-FDMA 1RB 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 = 13.51 V/m; Power Drift = 0.08 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.28 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>21.41 dBV/m</b> | Grid 2 <b>M4</b><br><b>20.75 dBV/m</b> | Grid 3 <b>M4</b><br><b>17.25 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>22.14 dBV/m</b> | Grid 5 <b>M4</b><br><b>21.28 dBV/m</b> | Grid 6 <b>M4</b><br><b>17.71 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>21.72 dBV/m</b> | Grid 8 <b>M4</b><br><b>20.54 dBV/m</b> | Grid 9 <b>M4</b><br><b>18.99 dBV/m</b> |



0 dB = 12.79 V/m = 22.14 dBV/m

**LTE Band 48 ANT 7**

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 - SN4041; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**LTE Band 48 ANT 7 E-Field measurement/SC-FDMA 1RB 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 = 14.32 V/m; Power Drift = -0.08 dB

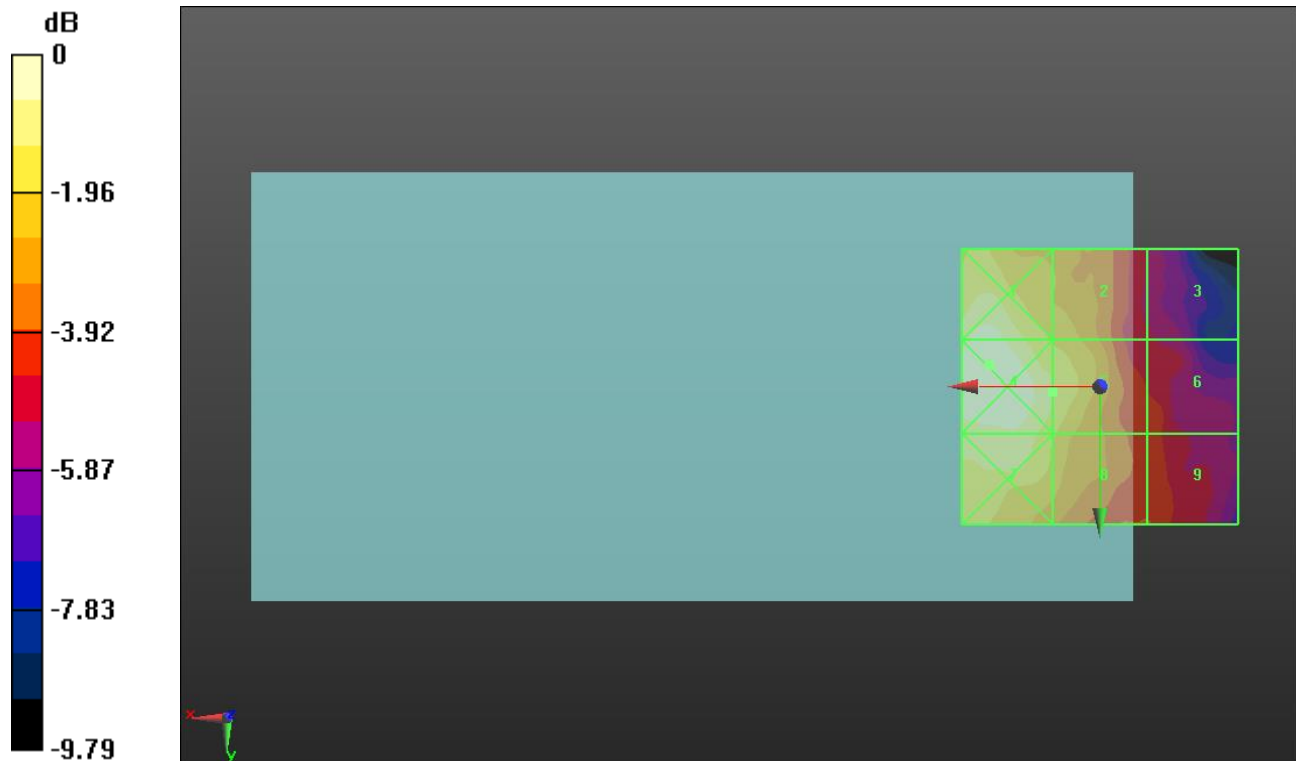
Applied MIF = -1.44 dB

RF audio interference level = 20.76 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>21.65 dBV/m</b> | Grid 2 <b>M4</b><br><b>19.99 dBV/m</b> | Grid 3 <b>M4</b><br><b>16.97 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>22 dBV/m</b>    | Grid 5 <b>M4</b><br><b>20.76 dBV/m</b> | Grid 6 <b>M4</b><br><b>17.97 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>21.29 dBV/m</b> | Grid 8 <b>M4</b><br><b>20.17 dBV/m</b> | Grid 9 <b>M4</b><br><b>18.15 dBV/m</b> |



0 dB = 12.59 V/m = 22.00 dBV/m

**LTE Band 48 ANT 7**

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 - SN4041; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**LTE Band 48 ANT 7 E-Field measurement/SC-FDMA 1RB 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 = 12.89 V/m; Power Drift = 0.01 dB

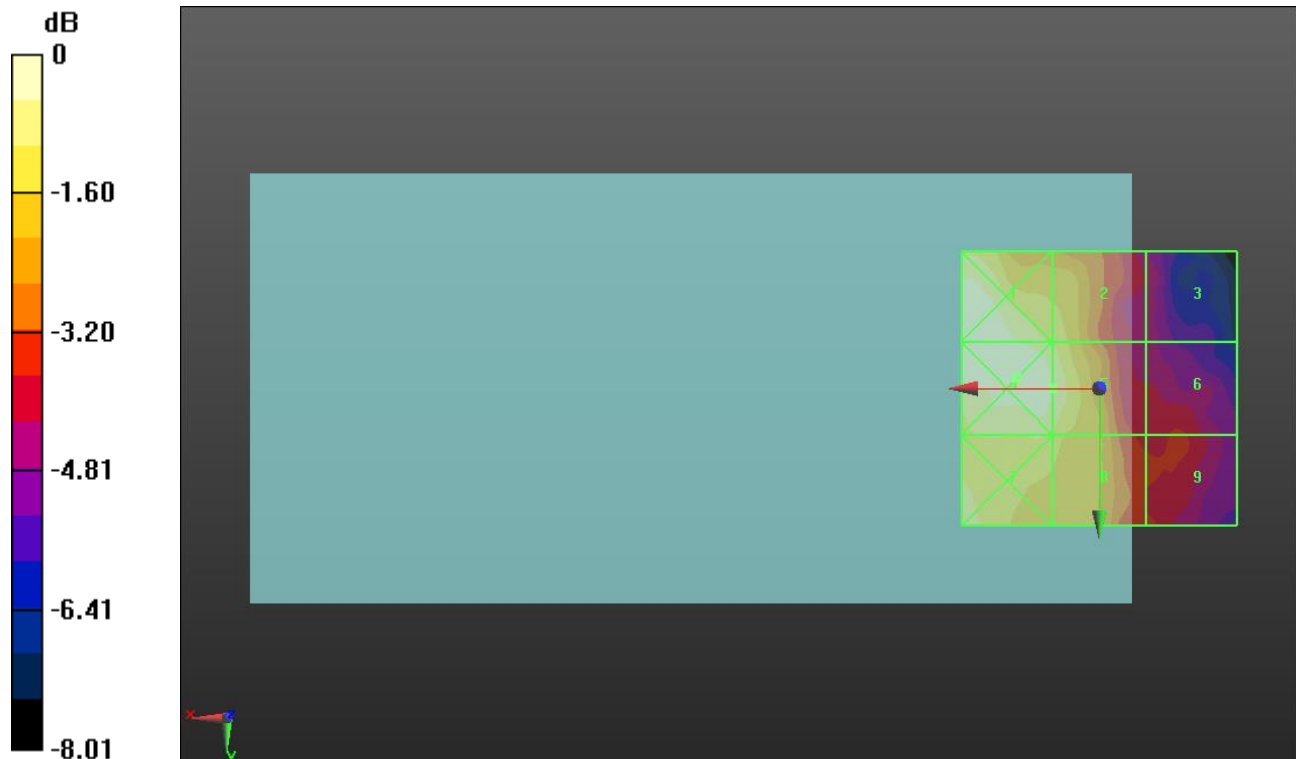
Applied MIF = -1.44 dB

RF audio interference level = 20.66 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>21.12 dBV/m</b> | Grid 2 <b>M4</b><br><b>19.98 dBV/m</b> | Grid 3 <b>M4</b><br><b>16.91 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>21.17 dBV/m</b> | Grid 5 <b>M4</b><br><b>20.66 dBV/m</b> | Grid 6 <b>M4</b><br><b>17.55 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>20.35 dBV/m</b> | Grid 8 <b>M4</b><br><b>19.97 dBV/m</b> | Grid 9 <b>M4</b><br><b>17.65 dBV/m</b> |



0 dB = 11.45 V/m = 21.18 dBV/m

## LTE Band 48 ANT 8

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 - SN4041; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## LTE Band 48 ANT 8 E-Field measurement/SC-FDMA 1RB 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 = 31.27 V/m; Power Drift = 0.10 dB

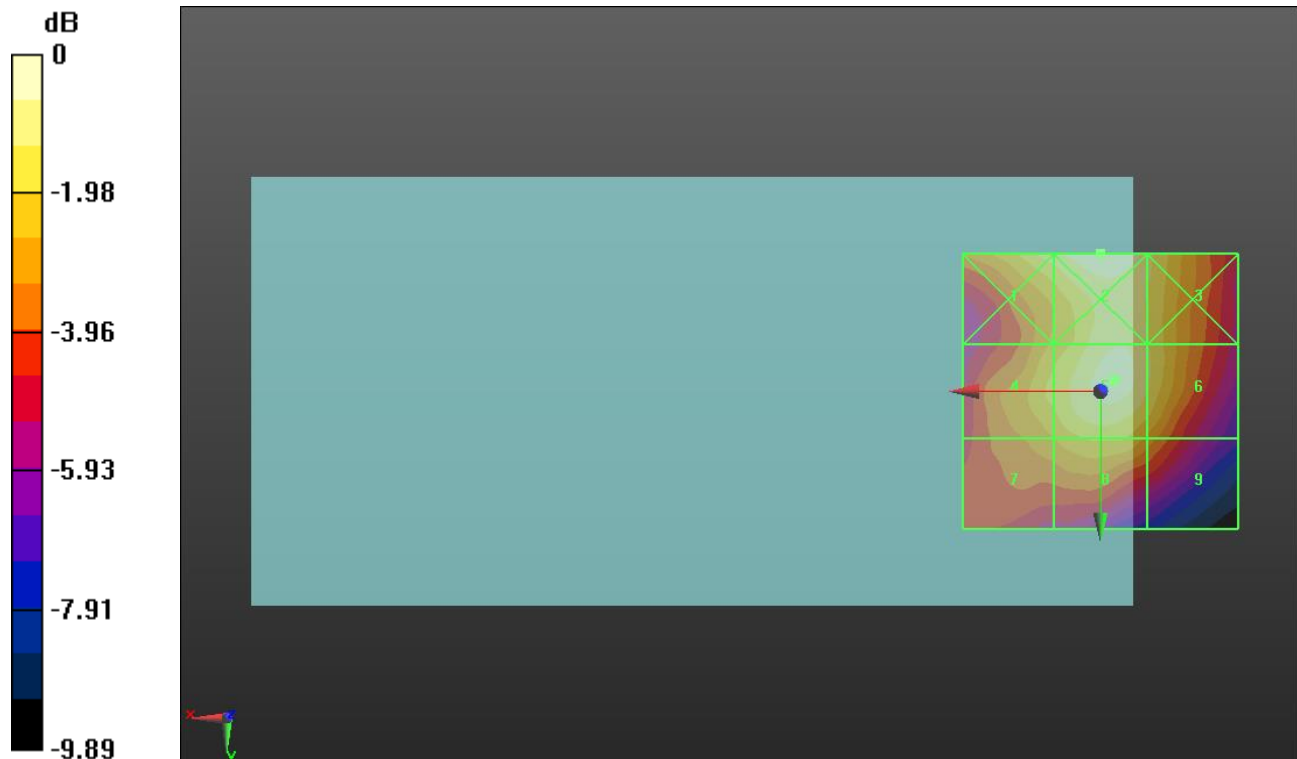
Applied MIF = -1.44 dB

RF audio interference level = 25.27 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>24.8 dBV/m</b>  | Grid 2 <b>M4</b><br><b>25.64 dBV/m</b> | Grid 3 <b>M4</b><br><b>24.61 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>23.92 dBV/m</b> | Grid 5 <b>M4</b><br><b>25.27 dBV/m</b> | Grid 6 <b>M4</b><br><b>24.49 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>23.02 dBV/m</b> | Grid 8 <b>M4</b><br><b>23.81 dBV/m</b> | Grid 9 <b>M4</b><br><b>22.82 dBV/m</b> |



0 dB = 19.15 V/m = 25.64 dBV/m

## LTE Band 48 ANT 8

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 - SN4041; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## LTE Band 48 ANT 8 E-Field measurement/SC-FDMA 1RB 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 = 31.02 V/m; Power Drift = -0.06 dB

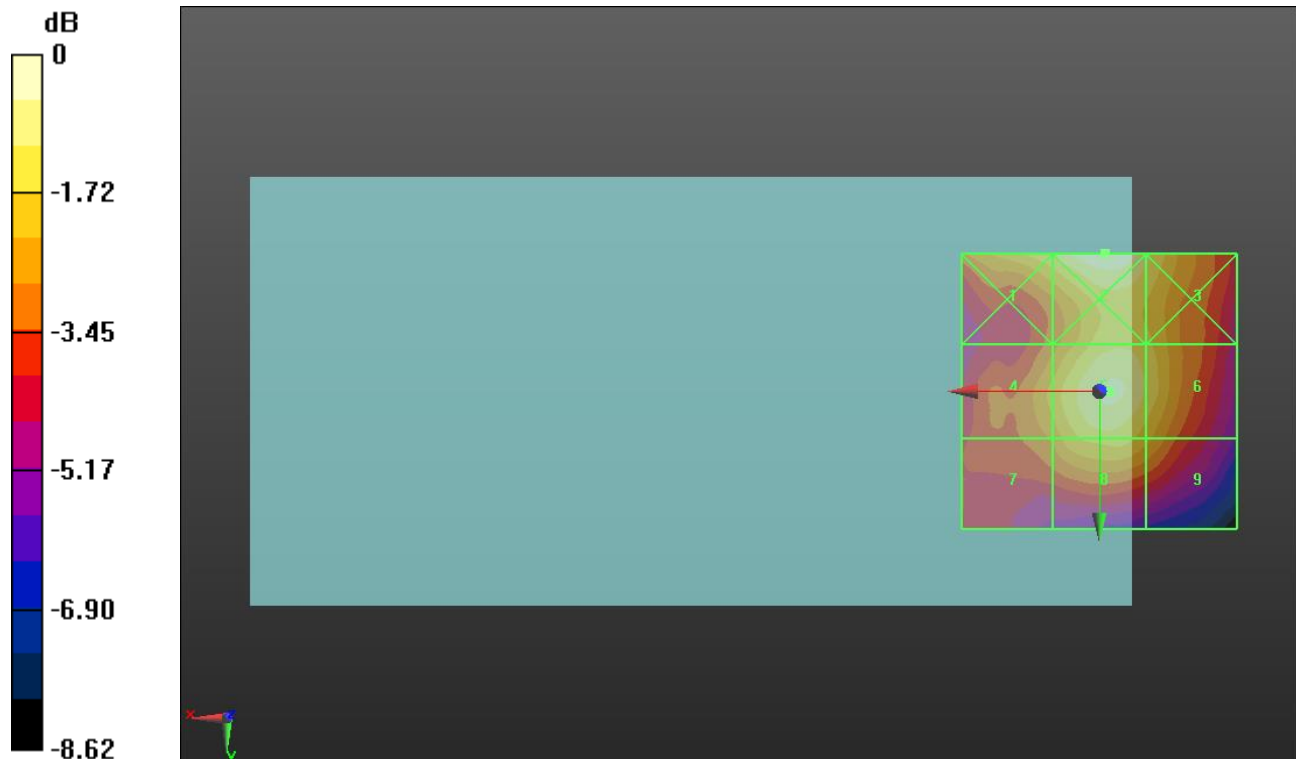
Applied MIF = -1.44 dB

RF audio interference level = 24.92 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>24.33 dBV/m</b> | Grid 2 <b>M4</b><br><b>25.4 dBV/m</b>  | Grid 3 <b>M4</b><br><b>24.49 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>23.31 dBV/m</b> | Grid 5 <b>M4</b><br><b>24.92 dBV/m</b> | Grid 6 <b>M4</b><br><b>24.19 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>22.69 dBV/m</b> | Grid 8 <b>M4</b><br><b>23.98 dBV/m</b> | Grid 9 <b>M4</b><br><b>23.32 dBV/m</b> |



0 dB = 18.62 V/m = 25.40 dBV/m



**LTE Band 48 ANT 8**

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 - SN4041; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**LTE Band 48 ANT 8 E-Field measurement/SC-FDMA 1RB 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 = 27.68 V/m; Power Drift = 0.10 dB

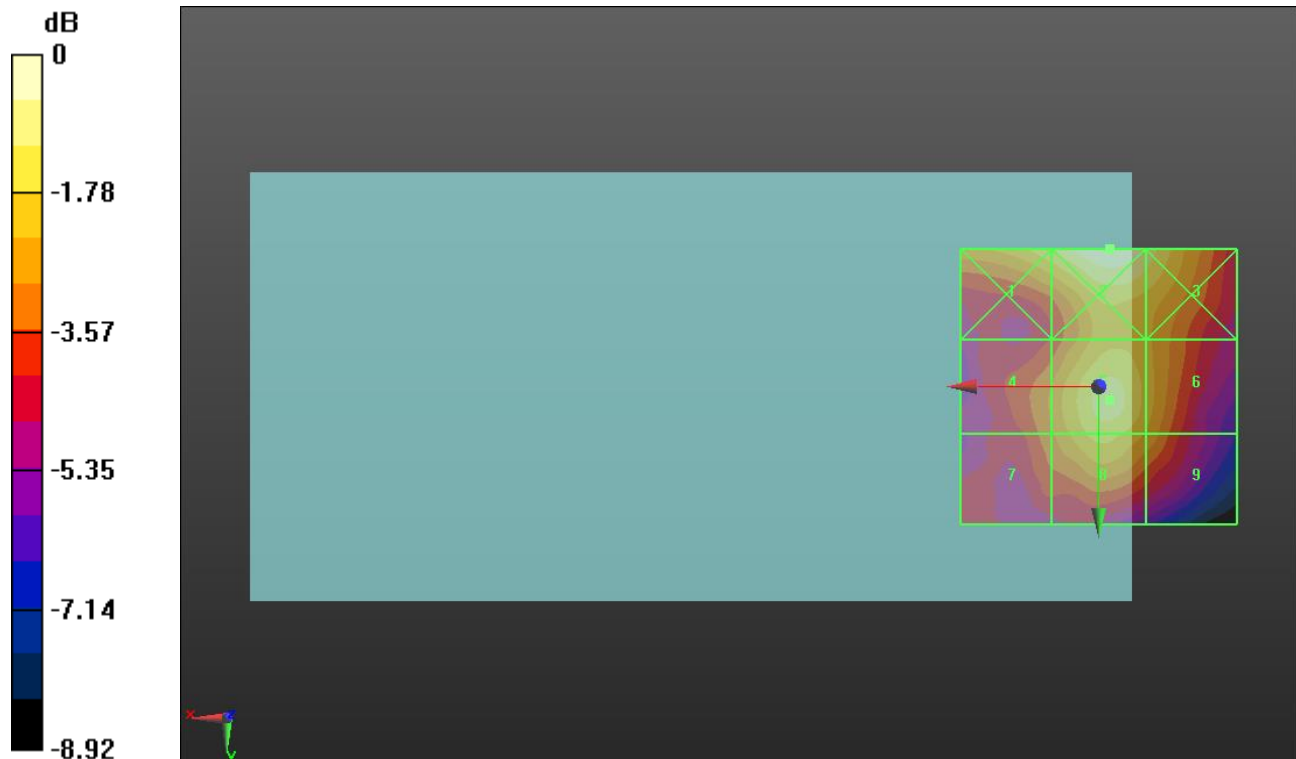
Applied MIF = -1.44 dB

RF audio interference level = 23.84 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>23.62 dBV/m</b> | Grid 2 <b>M4</b><br><b>24.8 dBV/m</b>  | Grid 3 <b>M4</b><br><b>24.04 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>21.98 dBV/m</b> | Grid 5 <b>M4</b><br><b>23.84 dBV/m</b> | Grid 6 <b>M4</b><br><b>22.82 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>21.75 dBV/m</b> | Grid 8 <b>M4</b><br><b>23.29 dBV/m</b> | Grid 9 <b>M4</b><br><b>22.38 dBV/m</b> |



0 dB = 17.37 V/m = 24.80 dBV/m

## LTE Band 48 ANT 8

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 - SN4041; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

### LTE Band 48 ANT 8 E-Field measurement/SC-FDMA 1RB 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 = 24.05 V/m; Power Drift = 0.14 dB

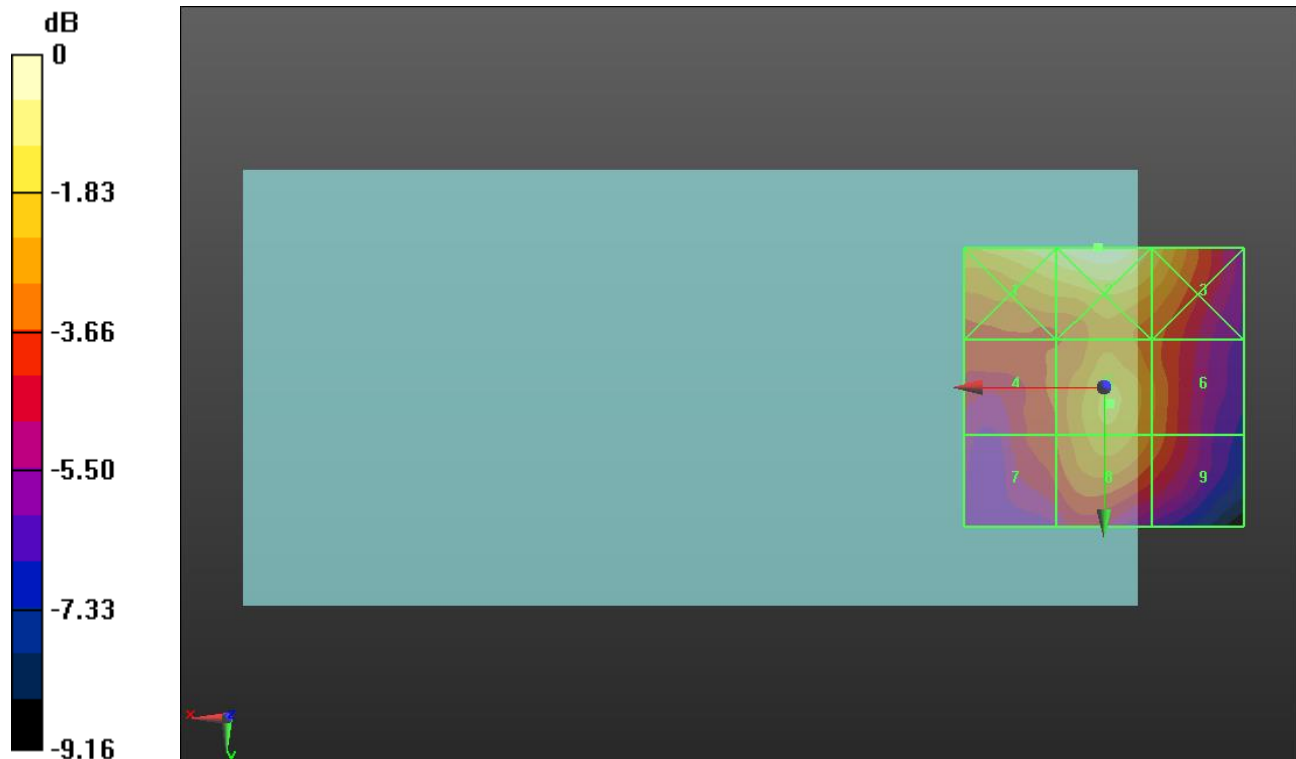
Applied MIF = -1.44 dB

RF audio interference level = 23.15 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>24.21 dBV/m</b> | Grid 2 <b>M4</b><br><b>24.85 dBV/m</b> | Grid 3 <b>M4</b><br><b>23.59 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>21.45 dBV/m</b> | Grid 5 <b>M4</b><br><b>23.15 dBV/m</b> | Grid 6 <b>M4</b><br><b>22 dBV/m</b>    |
| Grid 7 <b>M4</b><br><b>21.25 dBV/m</b> | Grid 8 <b>M4</b><br><b>22.85 dBV/m</b> | Grid 9 <b>M4</b><br><b>21.79 dBV/m</b> |



0 dB = 17.48 V/m = 24.85 dBV/m

## LTE Band 48 ANT 9

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 - SN4041; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

### LTE Band 48 ANT 9 E-Field measurement/SC-FDMA 1RB 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 = 11.99 V/m; Power Drift = 0.10 dB

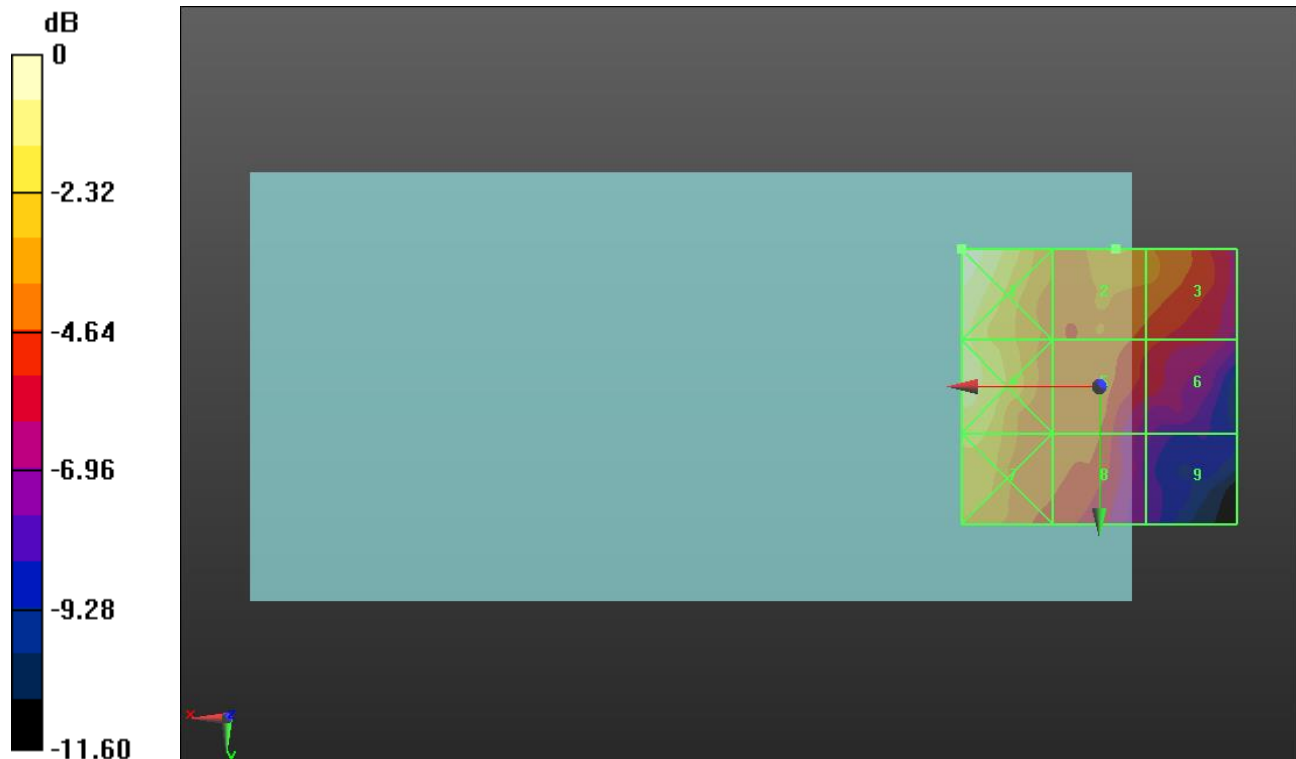
Applied MIF = -1.44 dB

RF audio interference level = 19.25 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>22.26 dBV/m</b> | Grid 2 <b>M4</b><br><b>19.25 dBV/m</b> | Grid 3 <b>M4</b><br><b>18.69 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>21.1 dBV/m</b>  | Grid 5 <b>M4</b><br><b>18.33 dBV/m</b> | Grid 6 <b>M4</b><br><b>17.26 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>20.23 dBV/m</b> | Grid 8 <b>M4</b><br><b>17.88 dBV/m</b> | Grid 9 <b>M4</b><br><b>14.82 dBV/m</b> |



0 dB = 12.97 V/m = 22.26 dBV/m

**LTE Band 48 ANT 9**

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 - SN4041; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**LTE Band 48 ANT 9 E-Field measurement/SC-FDMA 1RB 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 = 11.70 V/m; Power Drift = -0.18 dB

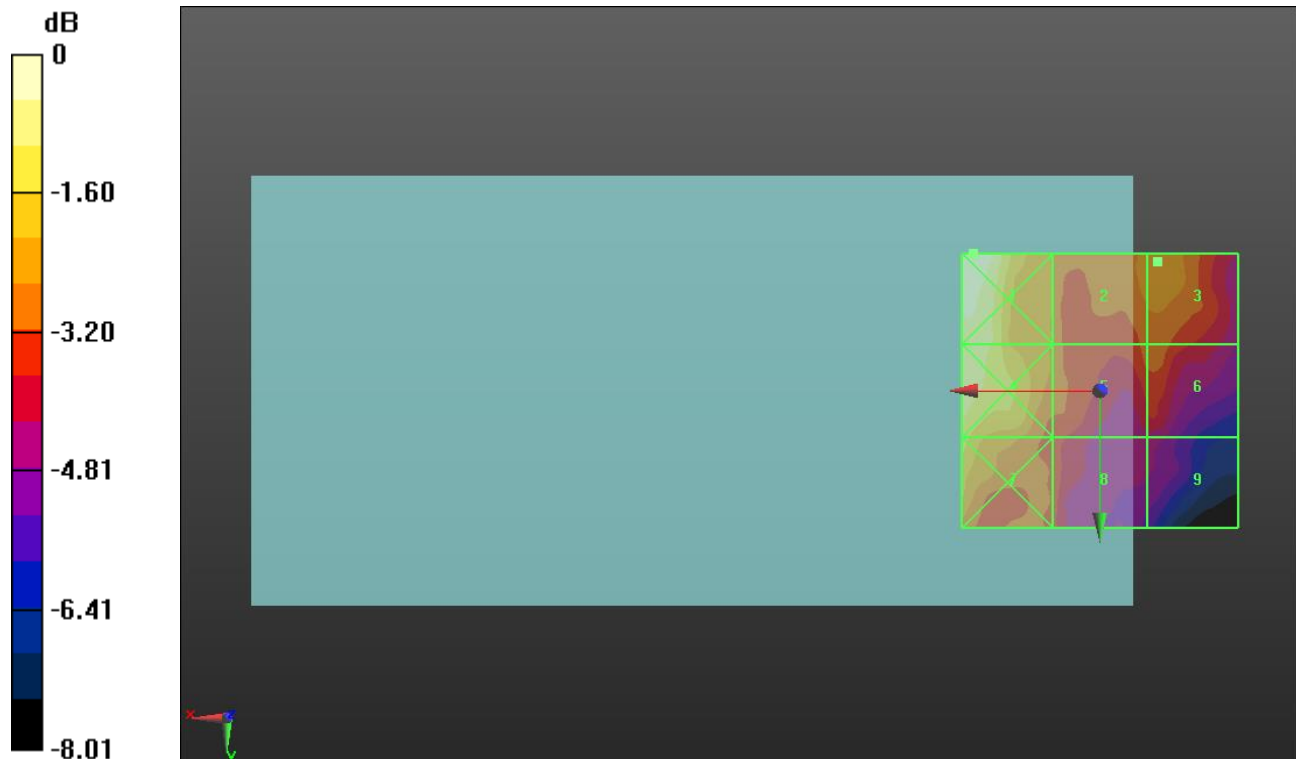
Applied MIF = -1.44 dB

RF audio interference level = 19.77 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>22.04 dBV/m</b> | Grid 2 <b>M4</b><br><b>19.66 dBV/m</b> | Grid 3 <b>M4</b><br><b>19.77 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>21.35 dBV/m</b> | Grid 5 <b>M4</b><br><b>19.29 dBV/m</b> | Grid 6 <b>M4</b><br><b>19.19 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>20.74 dBV/m</b> | Grid 8 <b>M4</b><br><b>18.69 dBV/m</b> | Grid 9 <b>M4</b><br><b>17.54 dBV/m</b> |



0 dB = 12.64 V/m = 22.03 dBV/m

**LTE Band 48 ANT 9**

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 - SN4041; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**LTE Band 48 ANT 9 E-Field measurement/SC-FDMA 1RB 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 = 11.44 V/m; Power Drift = -0.05 dB

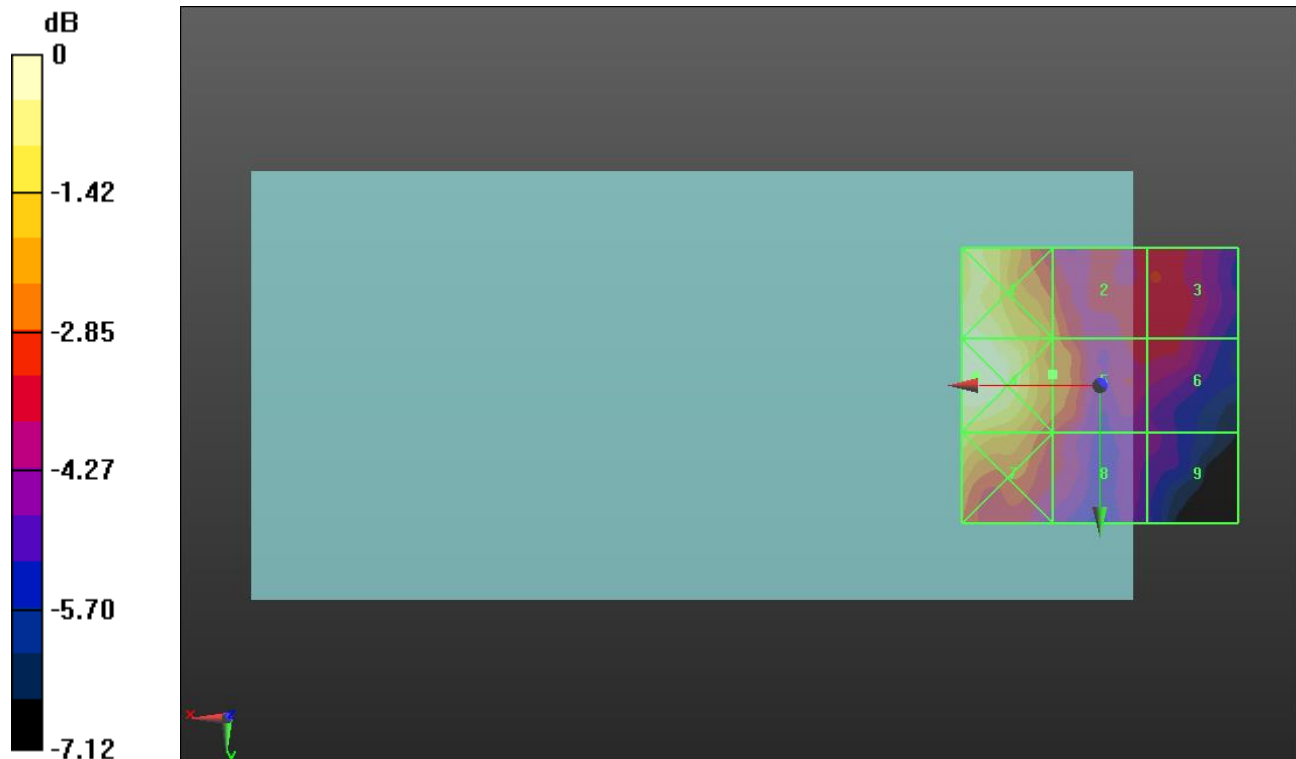
Applied MIF = -1.44 dB

RF audio interference level = 19.83 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>21.9 dBV/m</b>  | Grid 2 <b>M4</b><br><b>19.77 dBV/m</b> | Grid 3 <b>M4</b><br><b>18.94 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>22.2 dBV/m</b>  | Grid 5 <b>M4</b><br><b>19.83 dBV/m</b> | Grid 6 <b>M4</b><br><b>18.69 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>21.22 dBV/m</b> | Grid 8 <b>M4</b><br><b>18.94 dBV/m</b> | Grid 9 <b>M4</b><br><b>17.71 dBV/m</b> |



0 dB = 12.89 V/m = 22.21 dBV/m

## LTE Band 48 ANT 9

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 - SN4041; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

## LTE Band 48 ANT 9 E-Field measurement/SC-FDMA 1RB 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 = 10.95 V/m; Power Drift = -0.04 dB

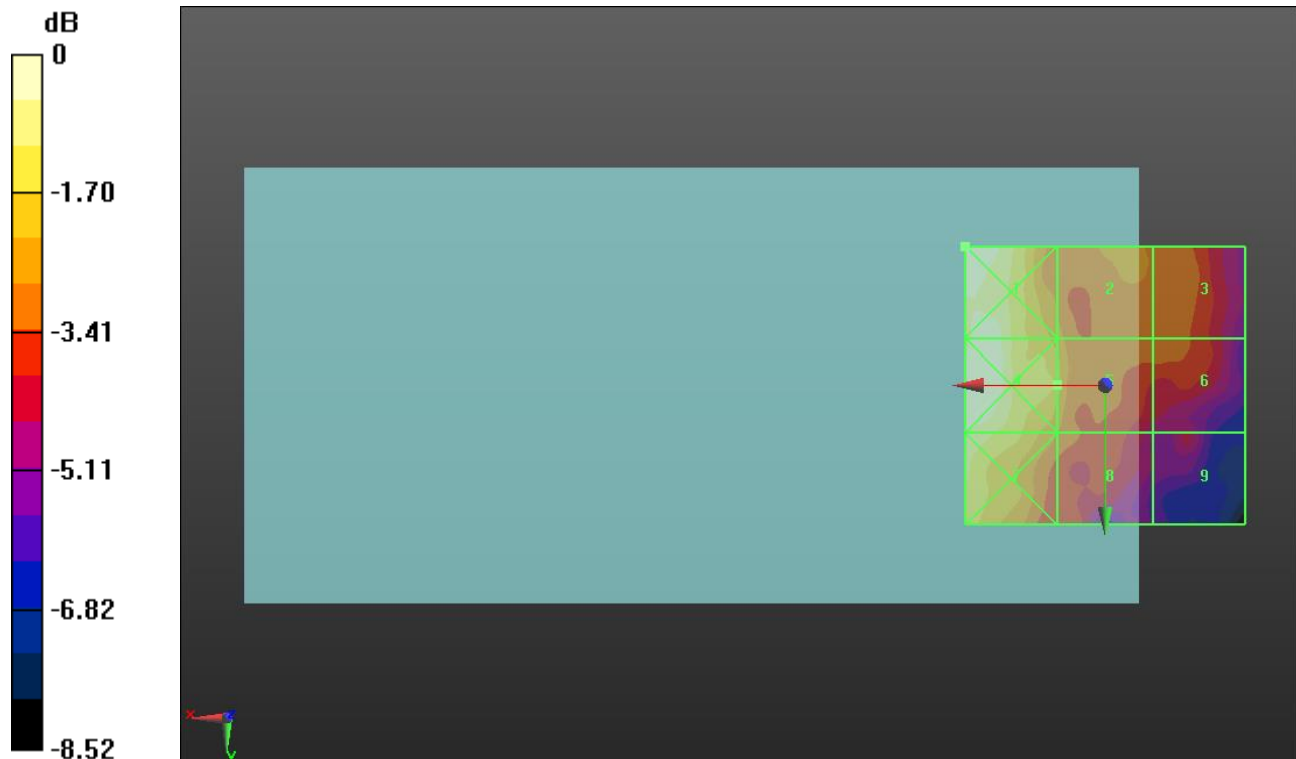
Applied MIF = -1.44 dB

RF audio interference level = 19.37 dBV/m

**Emission category: M4**

MIF scaled E-field

|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>21.37 dBV/m</b> | Grid 2 <b>M4</b><br><b>18.81 dBV/m</b> | Grid 3 <b>M4</b><br><b>18.48 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>21.36 dBV/m</b> | Grid 5 <b>M4</b><br><b>19.37 dBV/m</b> | Grid 6 <b>M4</b><br><b>18.22 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>20.74 dBV/m</b> | Grid 8 <b>M4</b><br><b>18.54 dBV/m</b> | Grid 9 <b>M4</b><br><b>16.97 dBV/m</b> |



0 dB = 11.71 V/m = 21.37 dBV/m