GSM 850

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2020-07-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- 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)

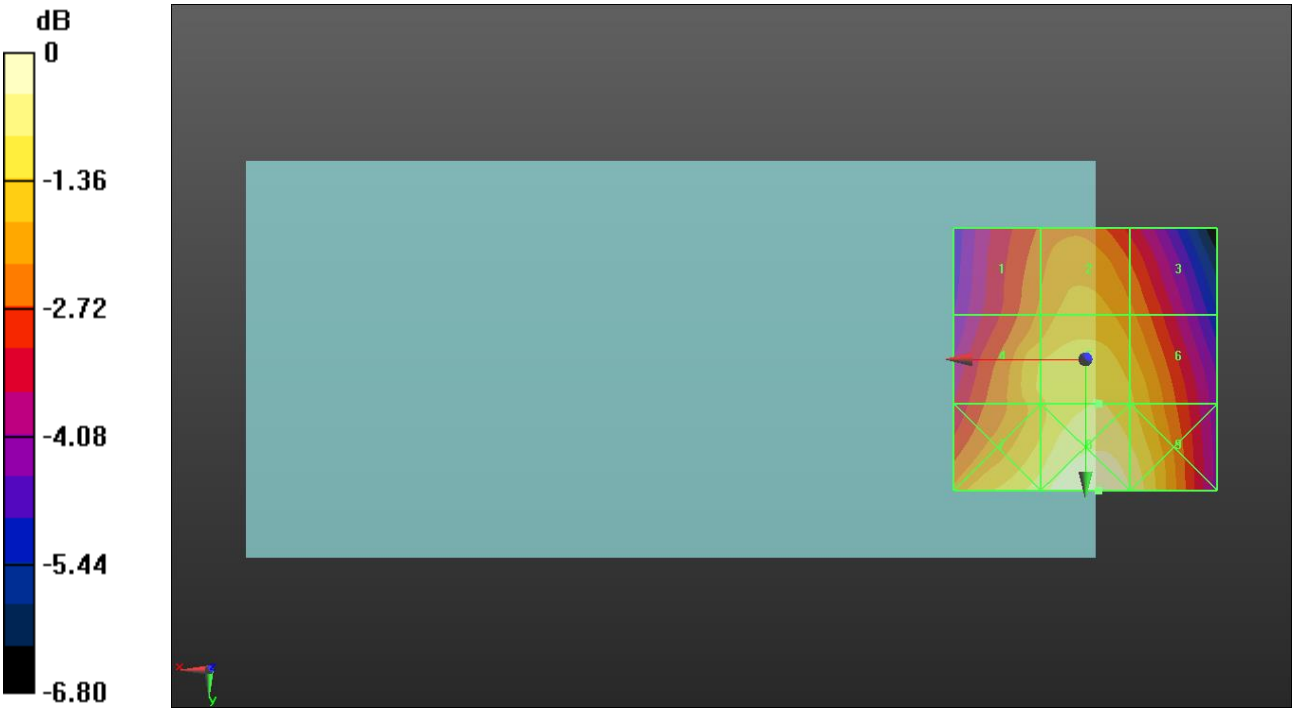
GSM850 E-Field measurement/Voice_ch128/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 41.12 V/m; Power Drift = 0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 33.75 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 M4 32.5 dBV/m	Grid 2 M4 33.06 dBV/m	Grid 3 M4 32.51 dBV/m
Grid 4 M4 33.35 dBV/m	Grid 5 M4 33.75 dBV/m	Grid 6 M4 33.39 dBV/m
Grid 7 M4 34 dBV/m	Grid 8 M4 34.63 dBV/m	Grid 9 M4 34.18 dBV/m

Cursor:
Total = 34.63 dBV/m
E Category: M4
Location: -2.5, 25, 7.7 mm



0 dB = 53.91 V/m = 34.63 dBV/m

GSM 850

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 2020-07-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- 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)

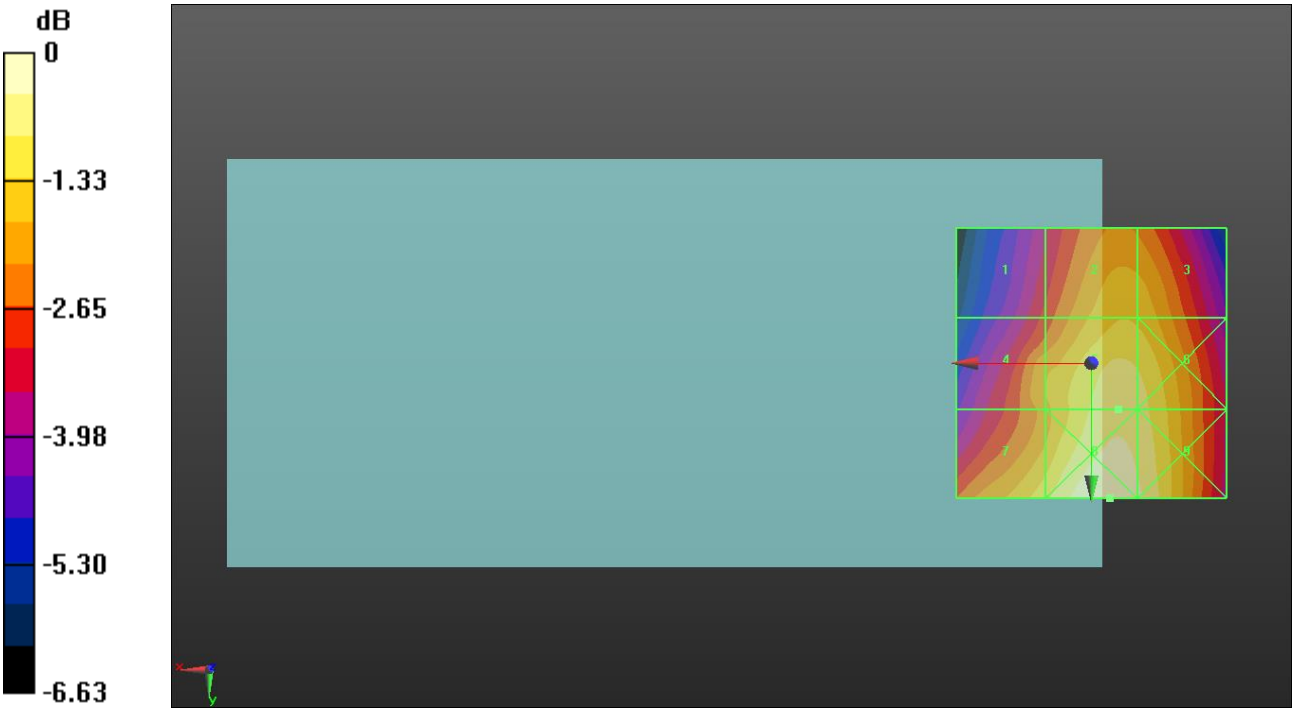
GSM850 E-Field measurement/Voice_ch190/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 38.49 V/m; Power Drift = 0.05 dB
Applied MIF = 3.63 dB
RF audio interference level = 33.67 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 M4 31.34 dBV/m	Grid 2 M4 32.91 dBV/m	Grid 3 M4 32.86 dBV/m
Grid 4 M4 32.52 dBV/m	Grid 5 M4 33.67 dBV/m	Grid 6 M4 33.56 dBV/m
Grid 7 M4 33.26 dBV/m	Grid 8 M4 34.25 dBV/m	Grid 9 M4 33.93 dBV/m

Cursor:
Total = 34.25 dBV/m
E Category: M4
Location: -3.5, 25, 7.7 mm



0 dB = 51.58 V/m = 34.25 dBV/m

GSM 850

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 2020-07-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- 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)

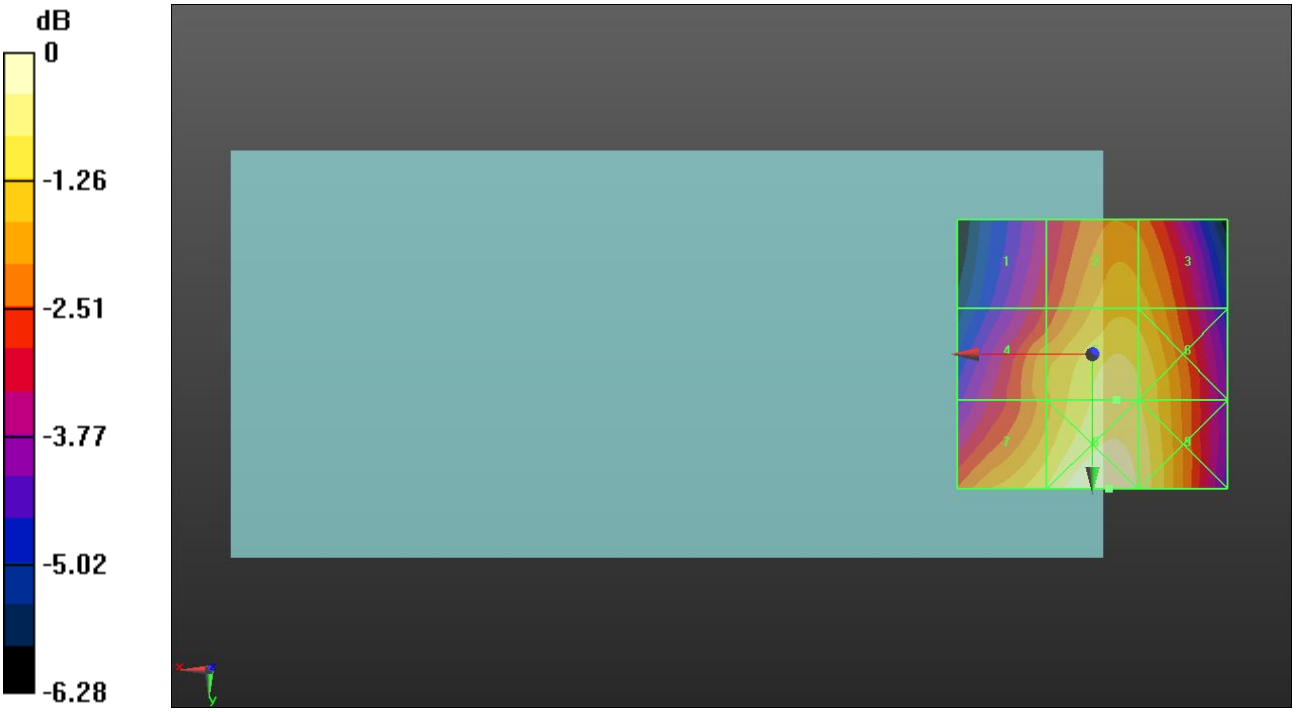
GSM850 E-Field measurement/Voice_ch251/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 42.47 V/m; Power Drift = -0.09 dB
Applied MIF = 3.63 dB
RF audio interference level = 34.28 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 M4 32.06 dBV/m	Grid 2 M4 33.54 dBV/m	Grid 3 M4 33.44 dBV/m
Grid 4 M4 33.2 dBV/m	Grid 5 M4 34.28 dBV/m	Grid 6 M4 34.1 dBV/m
Grid 7 M4 34.08 dBV/m	Grid 8 M4 34.88 dBV/m	Grid 9 M4 34.43 dBV/m

Cursor:
Total = 34.88 dBV/m
E Category: M4
Location: -3, 25, 7.7 mm



0 dB = 55.44 V/m = 34.88 dBV/m

GSM 1900

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2020-07-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- 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)

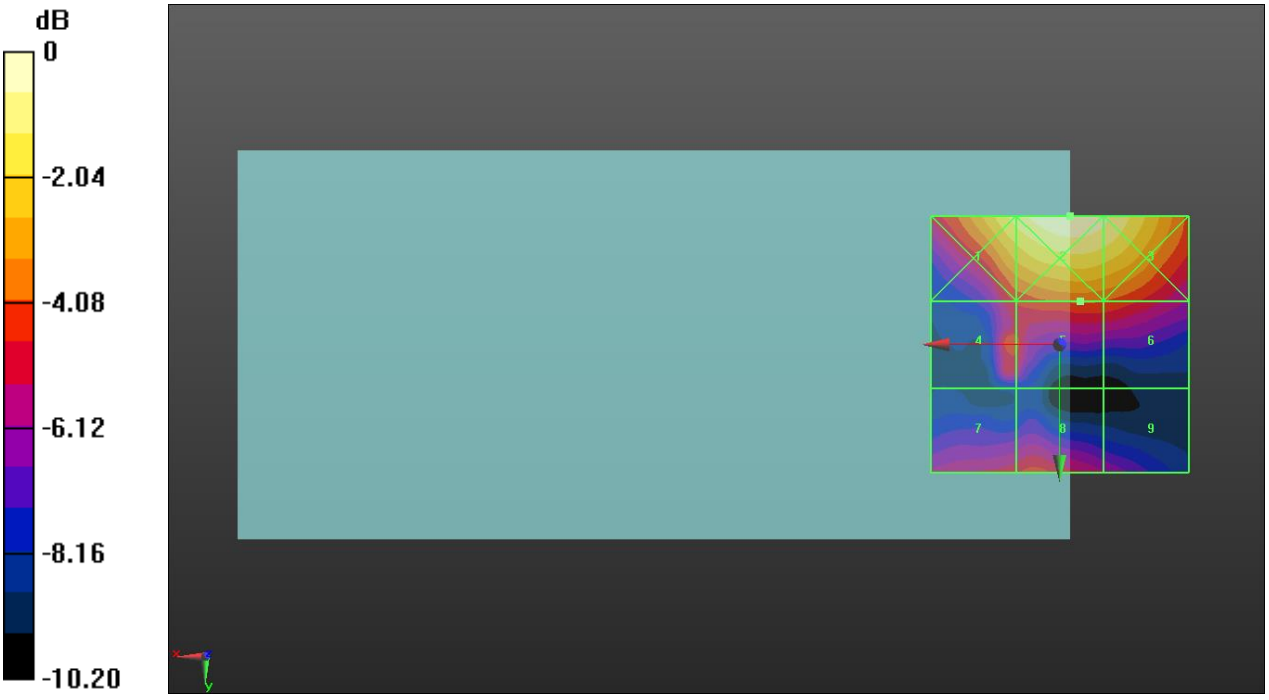
GSM1900 E-Field measurement/Voice_ch512/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 9.094 V/m; Power Drift = -0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 24.14 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 M4 27.06 dBV/m	Grid 2 M4 28.05 dBV/m	Grid 3 M4 27.58 dBV/m
Grid 4 M4 23.87 dBV/m	Grid 5 M4 24.14 dBV/m	Grid 6 M4 24.01 dBV/m
Grid 7 M4 23.14 dBV/m	Grid 8 M4 23.67 dBV/m	Grid 9 M4 22.09 dBV/m

Cursor:
Total = 28.05 dBV/m
E Category: M4
Location: -2, -25, 7.7 mm



0 dB = 25.25 V/m = 28.05 dBV/m

GSM 1900

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2020-07-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- 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)

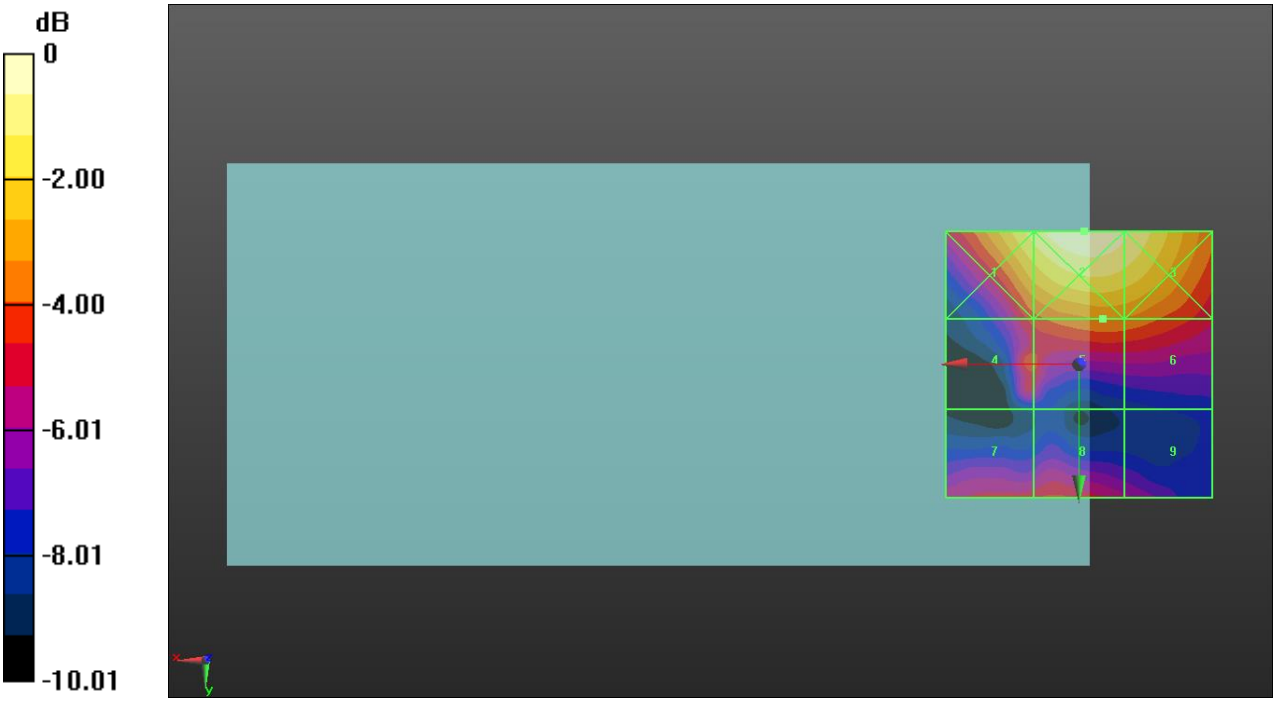
GSM1900 E-Field measurement/Voice_ch661/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 10.87 V/m; Power Drift = 0.11 dB
Applied MIF = 3.63 dB
RF audio interference level = 25.17 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 M4 27.51 dBV/m	Grid 2 M4 28.49 dBV/m	Grid 3 M4 27.95 dBV/m
Grid 4 M4 24.3 dBV/m	Grid 5 M4 25.17 dBV/m	Grid 6 M4 25.08 dBV/m
Grid 7 M4 23.63 dBV/m	Grid 8 M4 23.99 dBV/m	Grid 9 M4 22.72 dBV/m

Cursor:
Total = 28.49 dBV/m
E Category: M4
Location: -1, -25, 7.7 mm



0 dB = 26.56 V/m = 28.48 dBV/m

GSM 1900

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2020-07-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- 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)

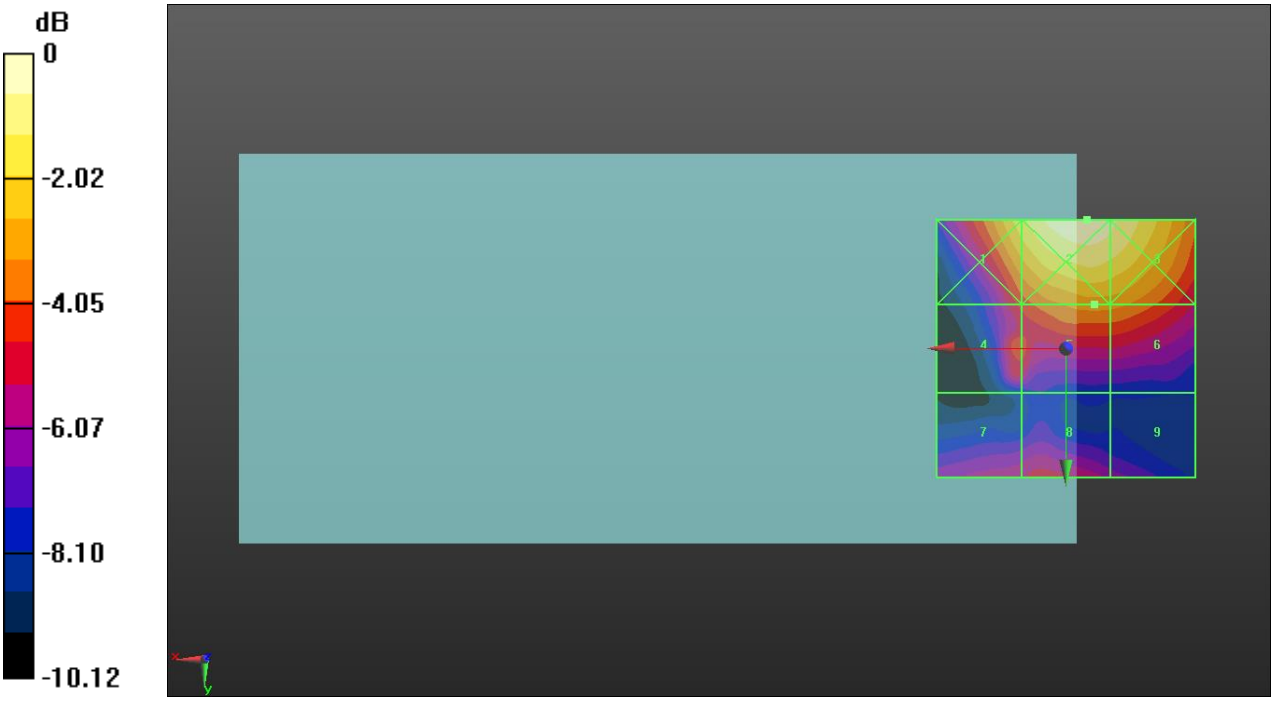
GSM1900 E-Field measurement/Voice_ch810/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 12.43 V/m; Power Drift = -0.06 dB
Applied MIF = 3.63 dB
RF audio interference level = 25.93 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 M4 27.51 dBV/m	Grid 2 M4 28.99 dBV/m	Grid 3 M4 28.53 dBV/m
Grid 4 M4 24.83 dBV/m	Grid 5 M4 25.93 dBV/m	Grid 6 M4 25.87 dBV/m
Grid 7 M4 23.55 dBV/m	Grid 8 M4 24.1 dBV/m	Grid 9 M4 22.79 dBV/m

Cursor:
Total = 28.99 dBV/m
E Category: M4
Location: -4, -25, 7.7 mm



0 dB = 28.17 V/m = 29.00 dBV/m

LTE Band 41

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 - SN4066; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2020-07-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- 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)

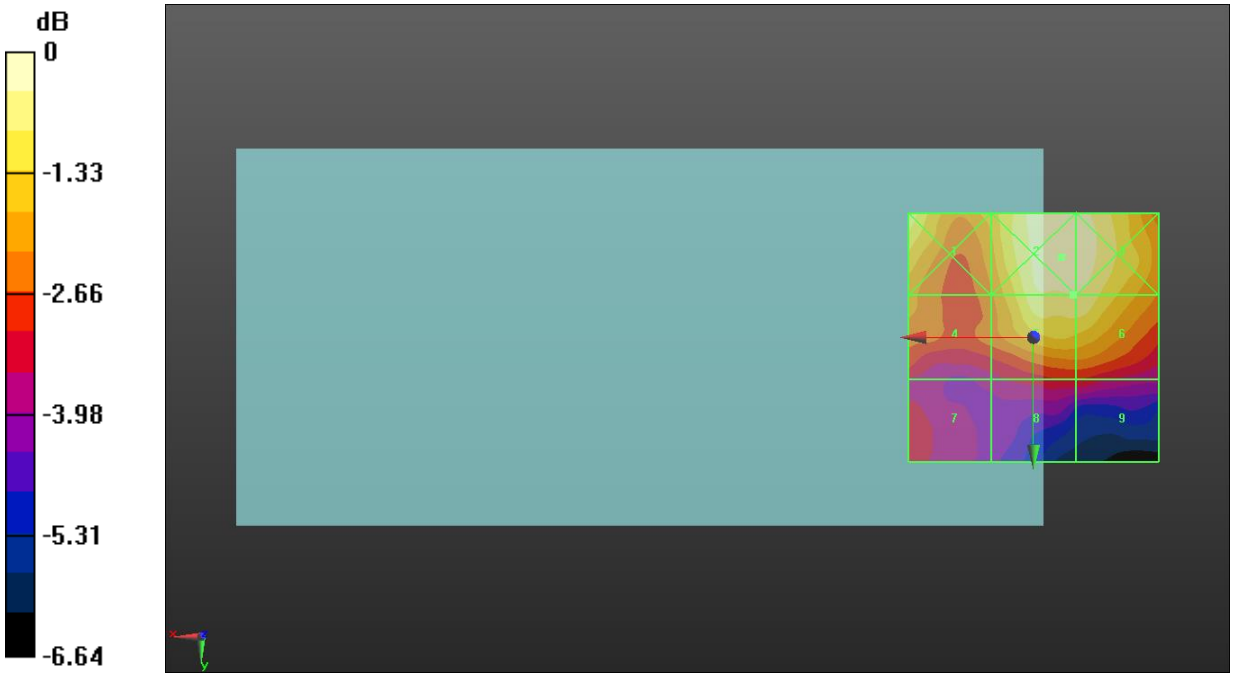
LTE Band 41 E-Field measurement/Voice_ch 39750 16QAM RB 1/0/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 11.33 V/m; Power Drift = -0.11 dB
Applied MIF = -1.44 dB
RF audio interference level = 18.35 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 M4 18.43 dBV/m	Grid 2 M4 18.81 dBV/m	Grid 3 M4 18.7 dBV/m
Grid 4 M4 16.77 dBV/m	Grid 5 M4 18.35 dBV/m	Grid 6 M4 18.35 dBV/m
Grid 7 M4 15.67 dBV/m	Grid 8 M4 15.7 dBV/m	Grid 9 M4 15.7 dBV/m

Cursor:
Total = 18.81 dBV/m
E Category: M4
Location: -5.5, -16, 7.7 mm



0 dB = 8.720 V/m = 18.81 dBV/m

LTE Band 41

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 - SN4066; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2020-07-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- 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)

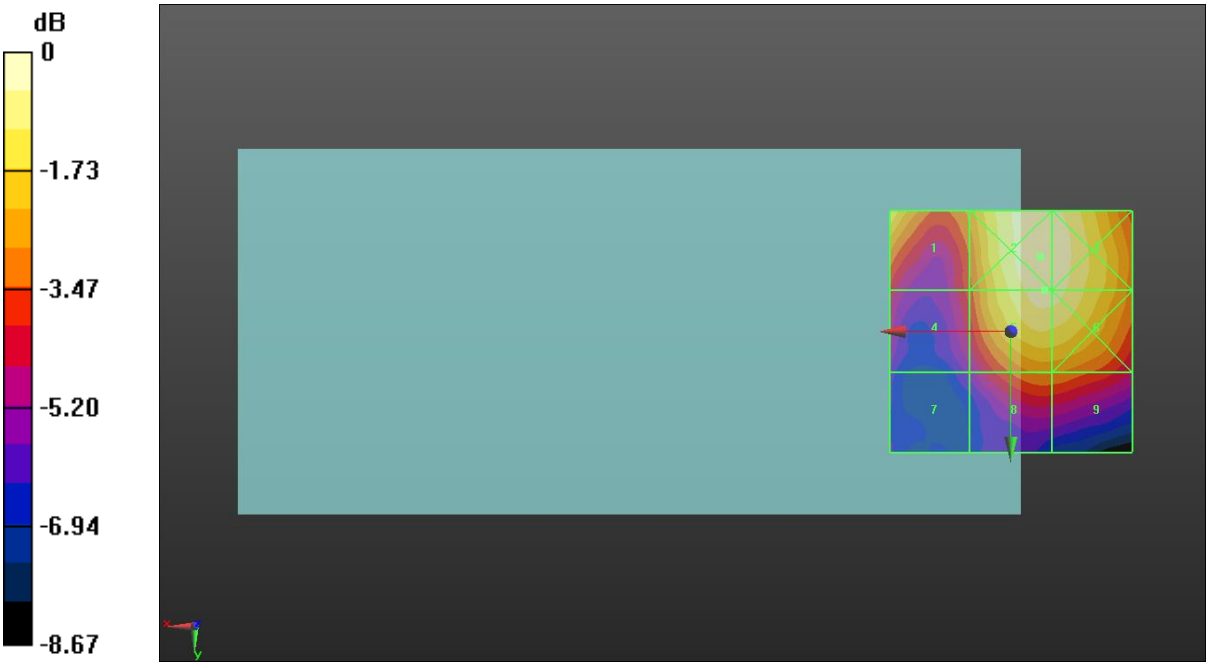
LTE Band 41 E-Field measurement/Voice_ch 40185 16QAM RB 1/0/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 13.17 V/m; Power Drift = 0.06 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.17 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 M4 19.53 dBV/m	Grid 2 M4 20.49 dBV/m	Grid 3 M4 20.35 dBV/m
Grid 4 M4 16.81 dBV/m	Grid 5 M4 20.17 dBV/m	Grid 6 M4 20.13 dBV/m
Grid 7 M4 14.97 dBV/m	Grid 8 M4 17.69 dBV/m	Grid 9 M4 17.65 dBV/m

Cursor:
Total = 20.49 dBV/m
E Category: M4
Location: -6, -15.5, 7.7 mm



0 dB = 10.58 V/m = 20.49 dBV/m

LTE Band 41

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 - SN4066; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2020-07-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- 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)

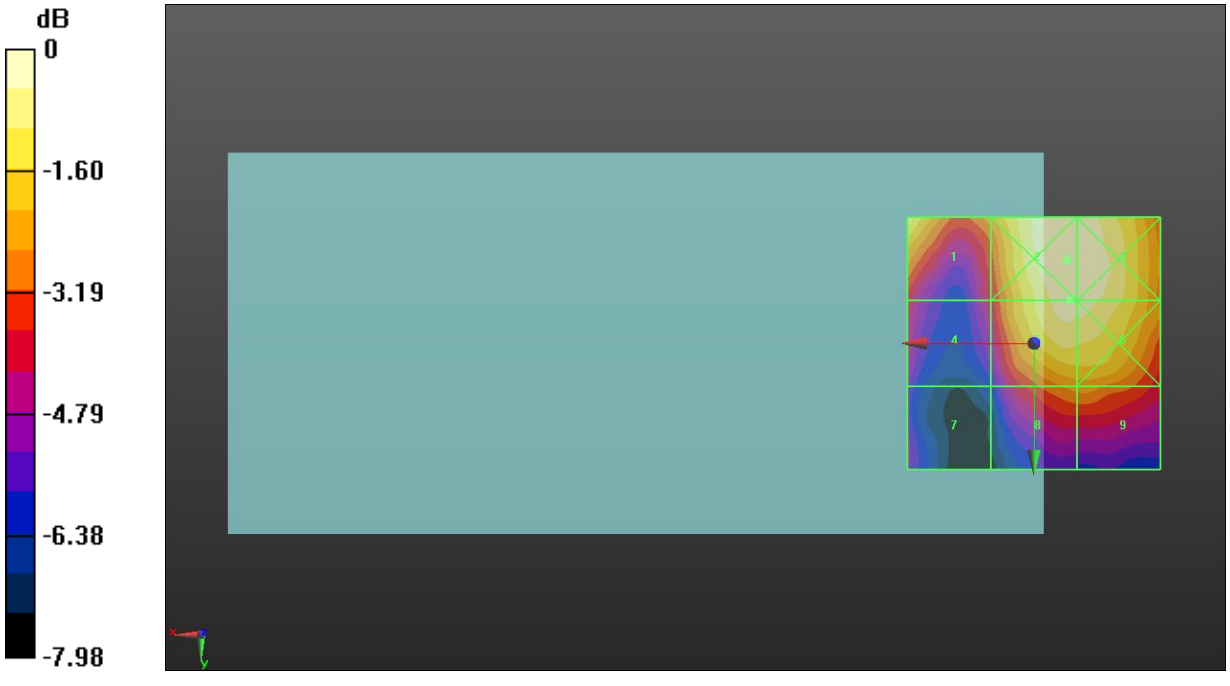
LTE Band 41 E-Field measurement/Voice_ch 40620 16QAM RB 1/0/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 12.46 V/m; Power Drift = 0.07 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.57 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 M4 19.31 dBV/m	Grid 2 M4 19.86 dBV/m	Grid 3 M4 19.82 dBV/m
Grid 4 M4 16.03 dBV/m	Grid 5 M4 19.57 dBV/m	Grid 6 M4 19.55 dBV/m
Grid 7 M4 14.84 dBV/m	Grid 8 M4 17.47 dBV/m	Grid 9 M4 17.51 dBV/m

Cursor:
Total = 19.86 dBV/m
E Category: M4
Location: -6.5, -16.5, 7.7 mm



0 dB = 9.844 V/m = 19.86 dBV/m

LTE Band 41

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 - SN4066; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2020-07-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- 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)

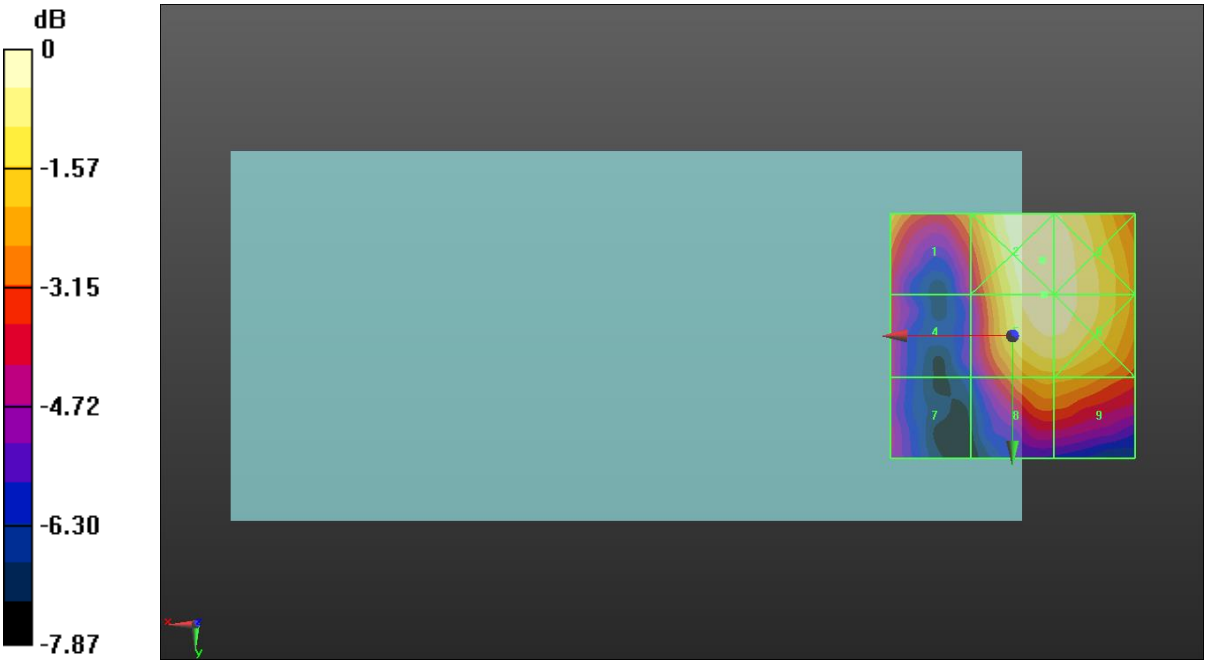
LTE Band 41 E-Field measurement/Voice_ch 41055 16QAM RB 1/0/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 12.26 V/m; Power Drift = 0.11 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.35 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 M4 17.99 dBV/m	Grid 2 M4 19.48 dBV/m	Grid 3 M4 19.37 dBV/m
Grid 4 M4 15.69 dBV/m	Grid 5 M4 19.35 dBV/m	Grid 6 M4 19.29 dBV/m
Grid 7 M4 15.37 dBV/m	Grid 8 M4 17.66 dBV/m	Grid 9 M4 17.63 dBV/m

Cursor:
Total = 19.48 dBV/m
E Category: M4
Location: -6, -15.5, 7.7 mm



0 dB = 9.416 V/m = 19.48 dBV/m

LTE Band 41

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 - SN4066; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2020-07-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- 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)

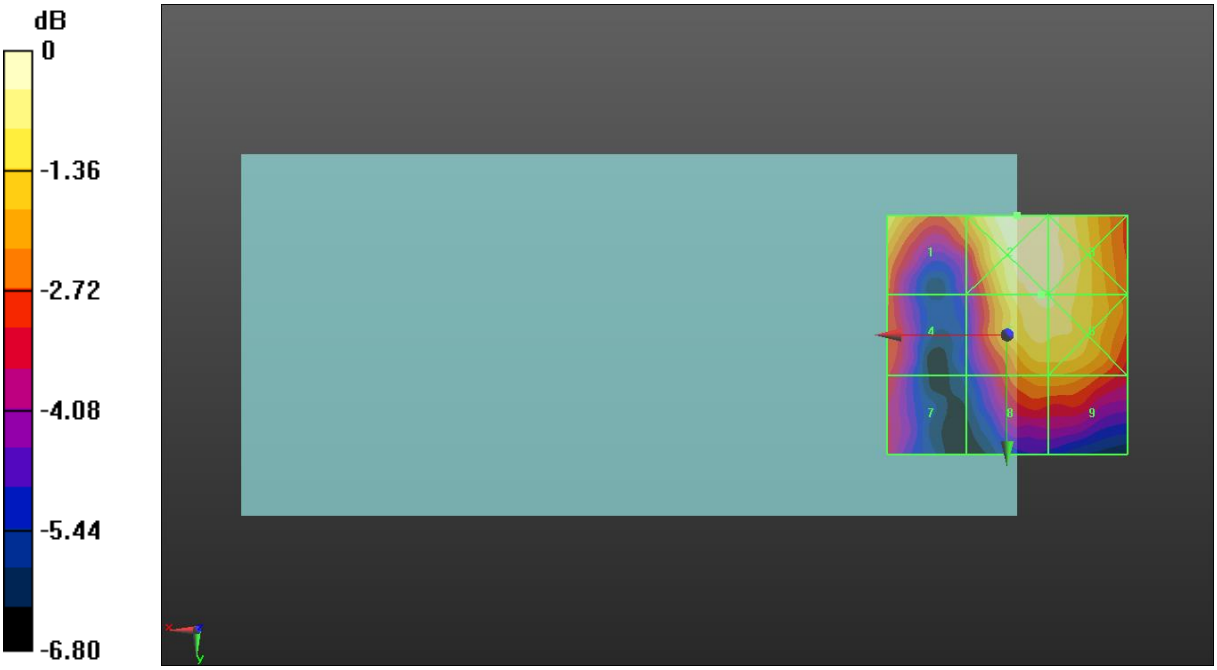
LTE Band 41 E-Field measurement/Voice_ch 41490 16QAM RB 1/0/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 11.05 V/m; Power Drift = 0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 18.34 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 M4 17.94 dBV/m	Grid 2 M4 18.69 dBV/m	Grid 3 M4 18.48 dBV/m
Grid 4 M4 16.15 dBV/m	Grid 5 M4 18.34 dBV/m	Grid 6 M4 18.3 dBV/m
Grid 7 M4 15.6 dBV/m	Grid 8 M4 16.85 dBV/m	Grid 9 M4 16.86 dBV/m

Cursor:
Total = 18.69 dBV/m
E Category: M4
Location: -2, -25, 7.7 mm



0 dB = 8.598 V/m = 18.69 dBV/m

LTE Band 41_PC 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 - SN4066; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2020-07-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- 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)

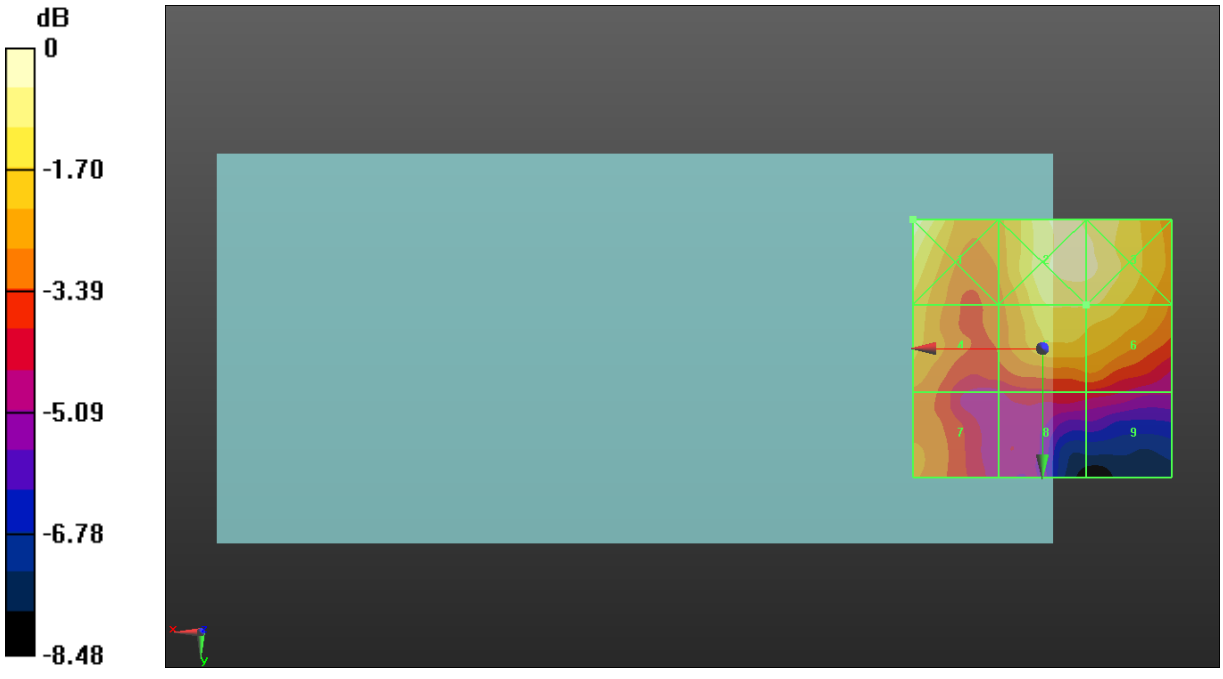
LTE Band 41 E-Field measurement HPUE/Voice_ch 39750 16QAM RB 1/0/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 10.58 V/m; Power Drift = -0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 17.23 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 M4 18.29 dBV/m	Grid 2 M4 17.92 dBV/m	Grid 3 M4 17.87 dBV/m
Grid 4 M4 16.56 dBV/m	Grid 5 M4 17.23 dBV/m	Grid 6 M4 17.23 dBV/m
Grid 7 M4 15.66 dBV/m	Grid 8 M4 14.35 dBV/m	Grid 9 M4 14.22 dBV/m

Cursor:
Total = 18.29 dBV/m
E Category: M4
Location: 25, -25, 7.7 mm



0 dB = 8.212 V/m = 18.29 dBV/m

LTE Band 41_PC 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 - SN4066; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2020-07-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- 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)

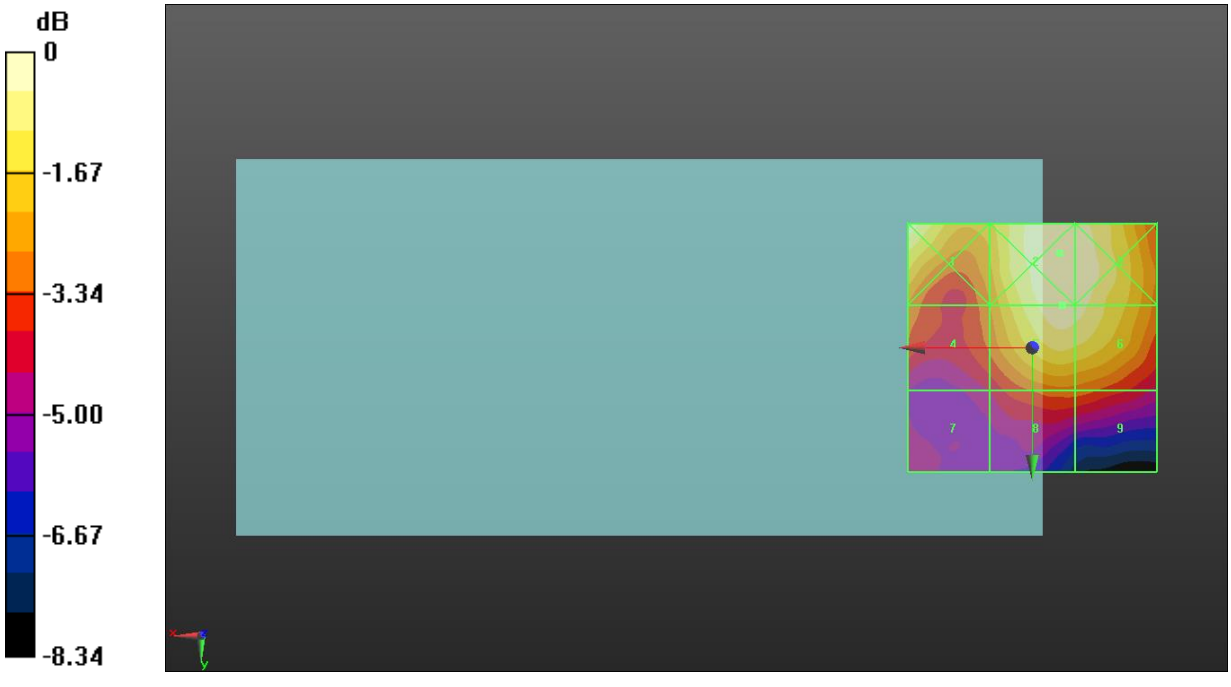
LTE Band 41 E-Field measurement HPUE/Voice_ch 40185 16QAM RB 1/0/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 13.06 V/m; Power Drift = 0.11 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.84 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 M4 20 dBV/m	Grid 2 M4 20 dBV/m	Grid 3 M4 19.95 dBV/m
Grid 4 M4 17.23 dBV/m	Grid 5 M4 19.84 dBV/m	Grid 6 M4 19.7 dBV/m
Grid 7 M4 15.62 dBV/m	Grid 8 M4 17.05 dBV/m	Grid 9 M4 17.02 dBV/m

Cursor:
Total = 20.00 dBV/m
E Category: M4
Location: -5.5, -19, 7.7 mm



0 dB = 9.997 V/m = 20.00 dBV/m

LTE Band 41_PC 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 - SN4066; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2020-07-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- 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)

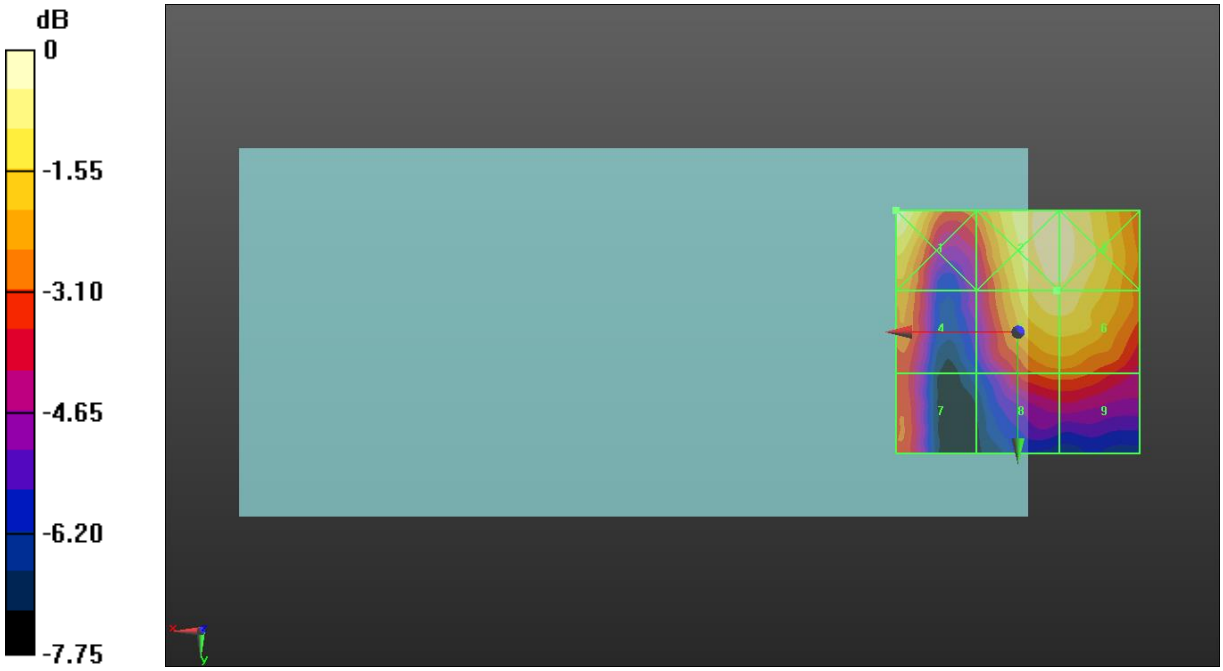
LTE Band 41 E-Field measurement HPUE/Voice_ch 40620 16QAM RB 1/0/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 11.87 V/m; Power Drift = -0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.38 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 M4 19.99 dBV/m	Grid 2 M4 19.69 dBV/m	Grid 3 M4 19.66 dBV/m
Grid 4 M4 17.74 dBV/m	Grid 5 M4 19.38 dBV/m	Grid 6 M4 19.38 dBV/m
Grid 7 M4 16.95 dBV/m	Grid 8 M4 17.19 dBV/m	Grid 9 M4 17.2 dBV/m

Cursor:
Total = 19.99 dBV/m
E Category: M4
Location: 25, -25, 7.7 mm



0 dB = 9.984 V/m = 19.99 dBV/m

LTE Band 41_PC 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 - SN4066; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2020-07-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- 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)

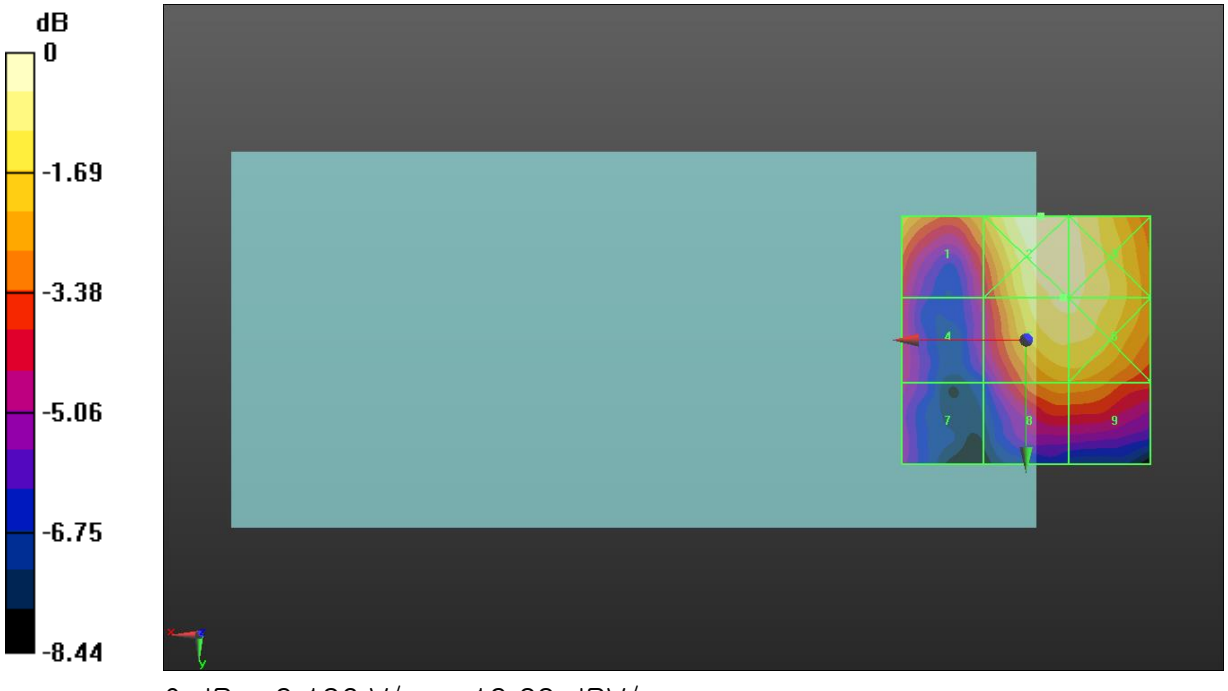
LTE Band 41 E-Field measurement HPUE/Voice_ch 41055 16QAM RB 1/0/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 11.58 V/m; Power Drift = -0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 18.76 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 M4 17.53 dBV/m	Grid 2 M4 19.22 dBV/m	Grid 3 M4 18.93 dBV/m
Grid 4 M4 15.13 dBV/m	Grid 5 M4 18.76 dBV/m	Grid 6 M4 18.75 dBV/m
Grid 7 M4 14.46 dBV/m	Grid 8 M4 16.92 dBV/m	Grid 9 M4 16.91 dBV/m

Cursor:
Total = 19.22 dBV/m
E Category: M4
Location: -3, -25, 7.7 mm



0 dB = 9.136 V/m = 19.22 dBV/m

LTE Band 41_PC 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 - SN4066; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2020-07-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- 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)

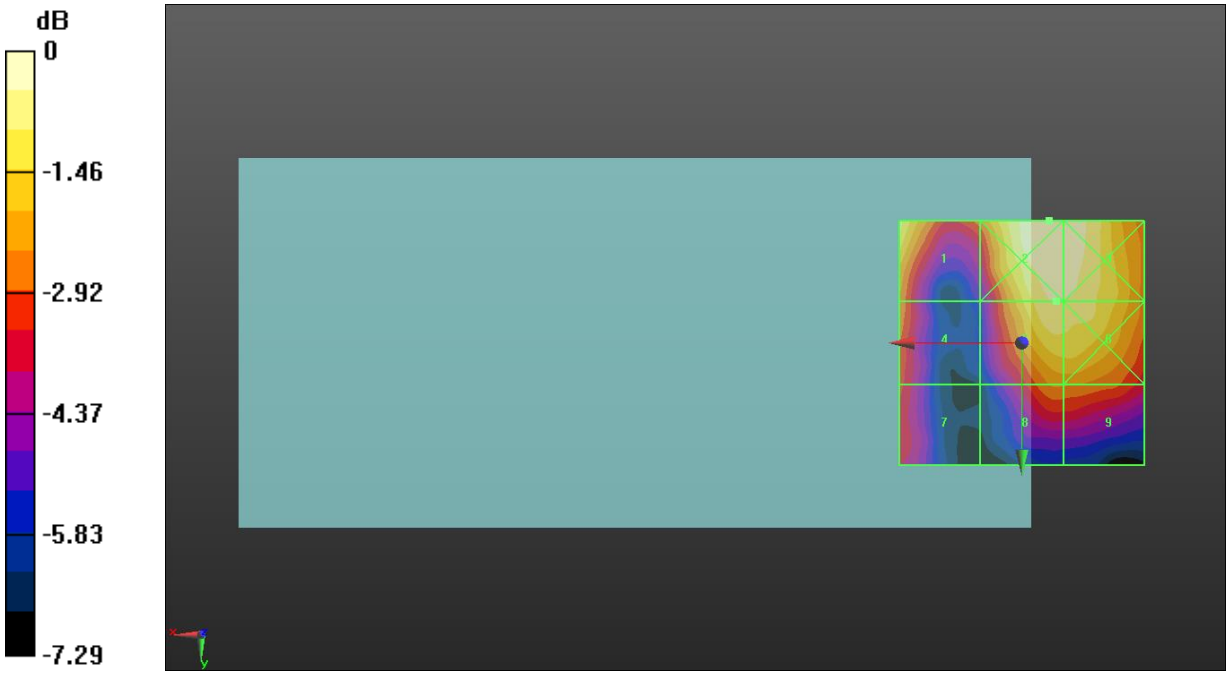
LTE Band 41 E-Field measurement HPUE/Voice_ch 41490 16QAM RB 1/0/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 10.60 V/m; Power Drift = 0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 18.36 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 M4 18.11 dBV/m	Grid 2 M4 18.81 dBV/m	Grid 3 M4 18.71 dBV/m
Grid 4 M4 16.42 dBV/m	Grid 5 M4 18.36 dBV/m	Grid 6 M4 18.31 dBV/m
Grid 7 M4 15.6 dBV/m	Grid 8 M4 16.49 dBV/m	Grid 9 M4 16.46 dBV/m

Cursor:
Total = 18.81 dBV/m
E Category: M4
Location: -5.5, -25, 7.7 mm



0 dB = 8.724 V/m = 18.81 dBV/m

Wi-Fi 2.4GHz 11g_MIMO

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 - SN4066; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2020-07-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- 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)

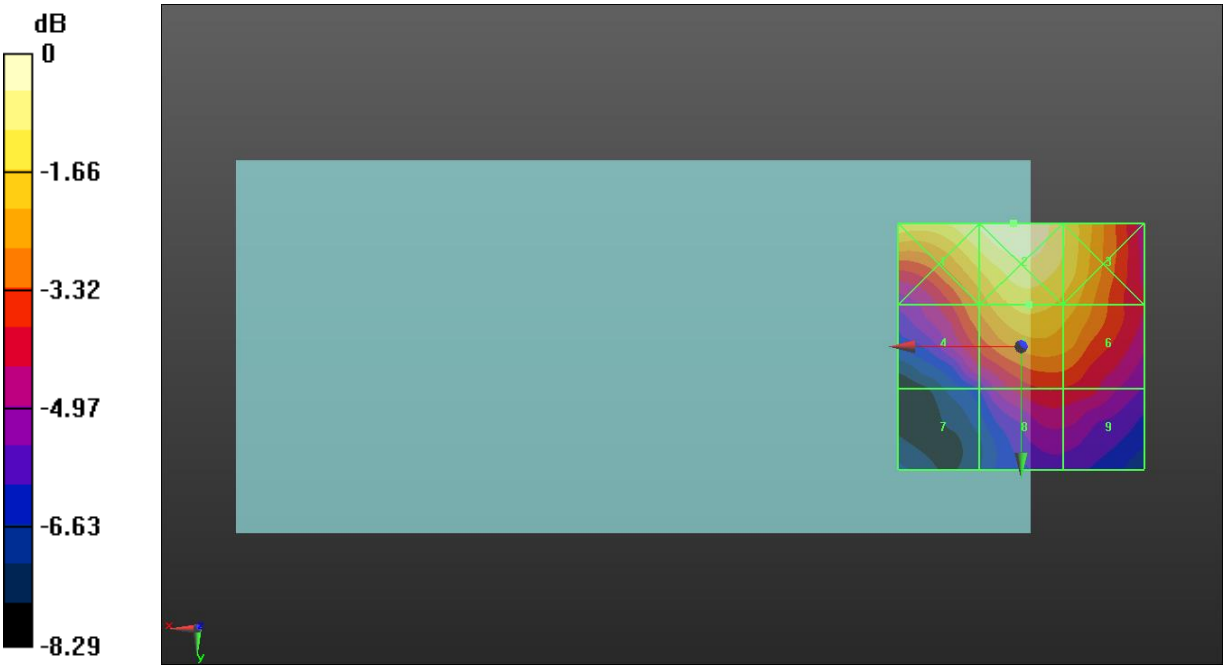
802.11g E-Field Measurement/802.11g MIMO OFDM 54Mbps ch1/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 15.75 V/m; Power Drift = -0.08 dB
Applied MIF = 0.12 dB
RF audio interference level = 22.07 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 M4 23.13 dBV/m	Grid 2 M4 23.52 dBV/m	Grid 3 M4 22.5 dBV/m
Grid 4 M4 20.91 dBV/m	Grid 5 M4 22.07 dBV/m	Grid 6 M4 21.7 dBV/m
Grid 7 M4 17.59 dBV/m	Grid 8 M4 19.72 dBV/m	Grid 9 M4 19.64 dBV/m

Cursor:
Total = 23.52 dBV/m
E Category: M4
Location: 1.5, -25, 7.7 mm



0 dB = 15.00 V/m = 23.52 dBV/m

WiFi 2.4GHz 11g_MIMO

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 - SN4066; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2020-07-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- 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)

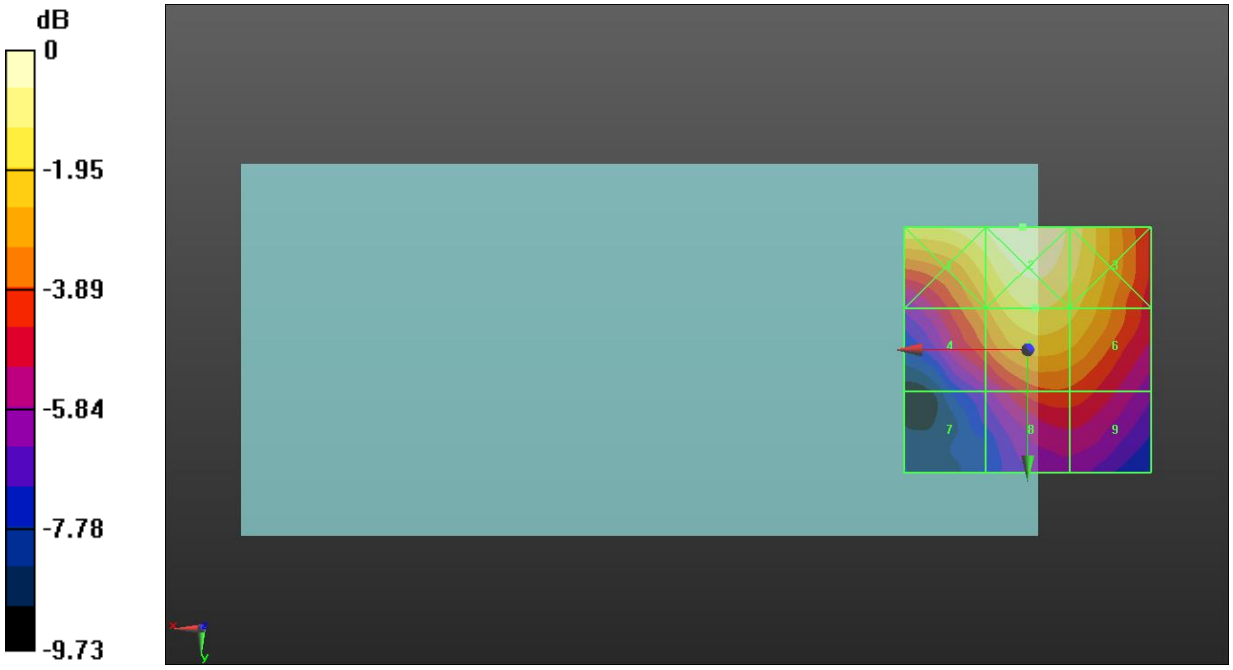
802.11g E-Field Measurement/802.11g MIMO OFDM 54Mbps ch6/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 18.38 V/m; Power Drift = 0.14 dB
Applied MIF = 0.12 dB
RF audio interference level = 23.68 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 M4 24.4 dBV/m	Grid 2 M4 24.91 dBV/m	Grid 3 M4 24.15 dBV/m
Grid 4 M4 22.23 dBV/m	Grid 5 M4 23.68 dBV/m	Grid 6 M4 23.23 dBV/m
Grid 7 M4 18.78 dBV/m	Grid 8 M4 20.96 dBV/m	Grid 9 M4 20.89 dBV/m

Cursor:
Total = 24.91 dBV/m
E Category: M4
Location: 1, -25, 7.7 mm



0 dB = 17.60 V/m = 24.91 dBV/m

WiFi 2.4GHz 11g_MIMO

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 - SN4066; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2020-07-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- 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)

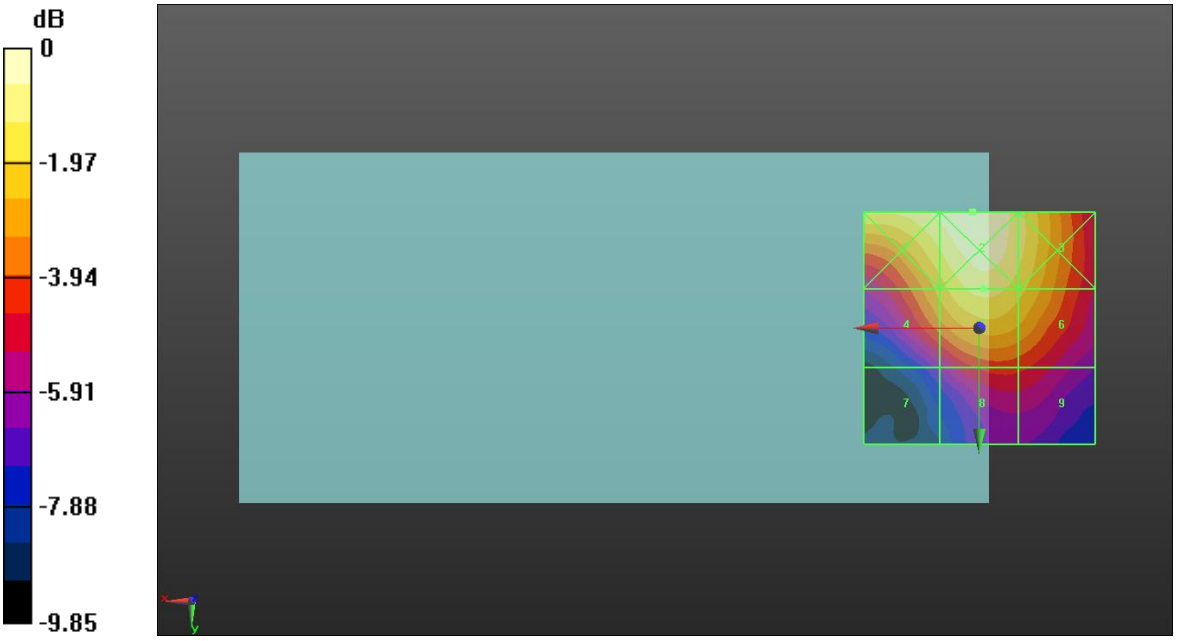
802.11g E-Field Measurement/802.11g MIMO OFDM 54Mbps ch11/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 19.24 V/m; Power Drift = -0.05 dB
Applied MIF = 0.12 dB
RF audio interference level = 23.93 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 M4 24.57 dBV/m	Grid 2 M4 24.98 dBV/m	Grid 3 M4 23.98 dBV/m
Grid 4 M4 22.65 dBV/m	Grid 5 M4 23.93 dBV/m	Grid 6 M4 23.29 dBV/m
Grid 7 M4 18.76 dBV/m	Grid 8 M4 20.74 dBV/m	Grid 9 M4 20.6 dBV/m

Cursor:
Total = 24.98 dBV/m
E Category: M4
Location: 1.5, -25, 7.7 mm



0 dB = 17.75 V/m = 24.98 dBV/m