HAC-RF Emission

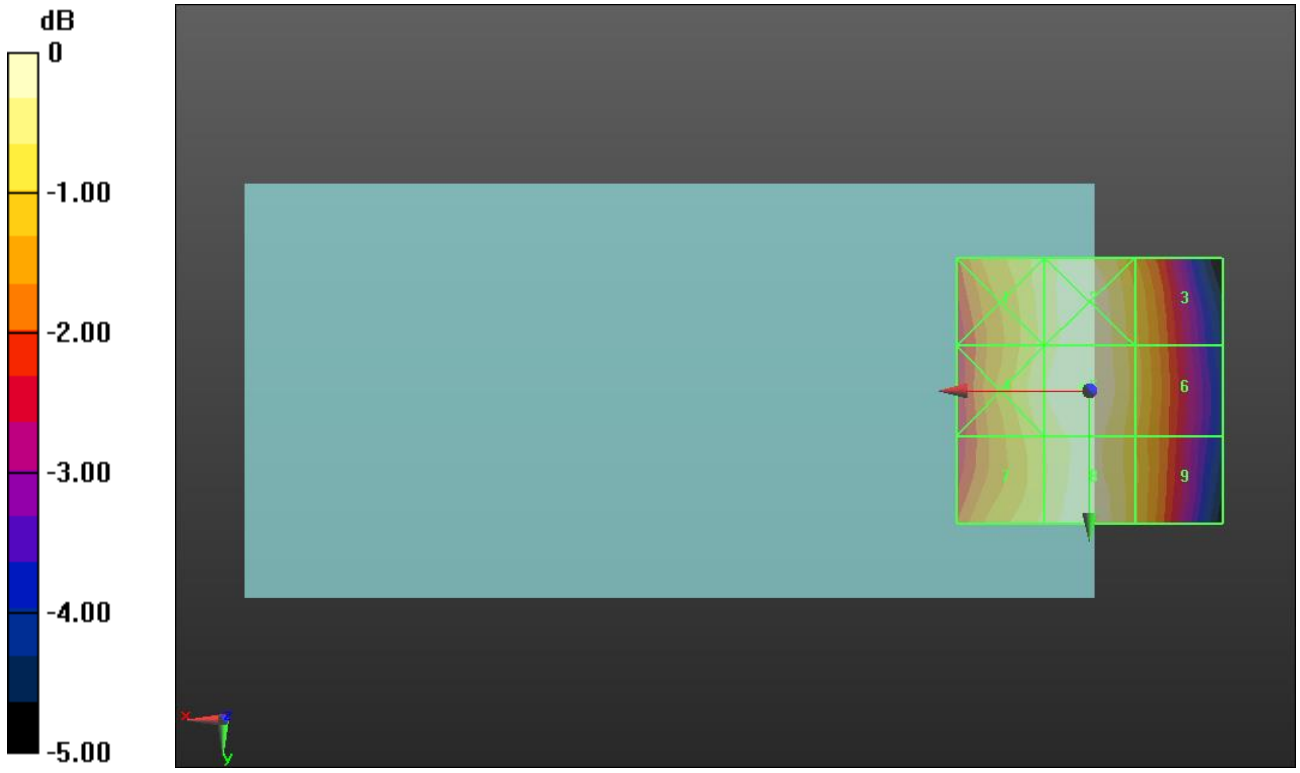
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 37.45 V/m; Power Drift = -0.13 dB
Applied MIF = 3.63 dB
RF audio interference level = 32.75 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **32.26 dBV/m**	Grid 2 **M4** **32.64 dBV/m**	Grid 3 **M4** **31.88 dBV/m**
Grid 4 **M4** **32.39 dBV/m**	Grid 5 **M4** **32.75 dBV/m**	Grid 6 **M4** **31.96 dBV/m**
Grid 7 **M4** **32.2 dBV/m**	Grid 8 **M4** **32.6 dBV/m**	Grid 9 **M4** **31.87 dBV/m**



0 dB = 43.38 V/m = 32.75 dBV/m

HAC-RF Emission

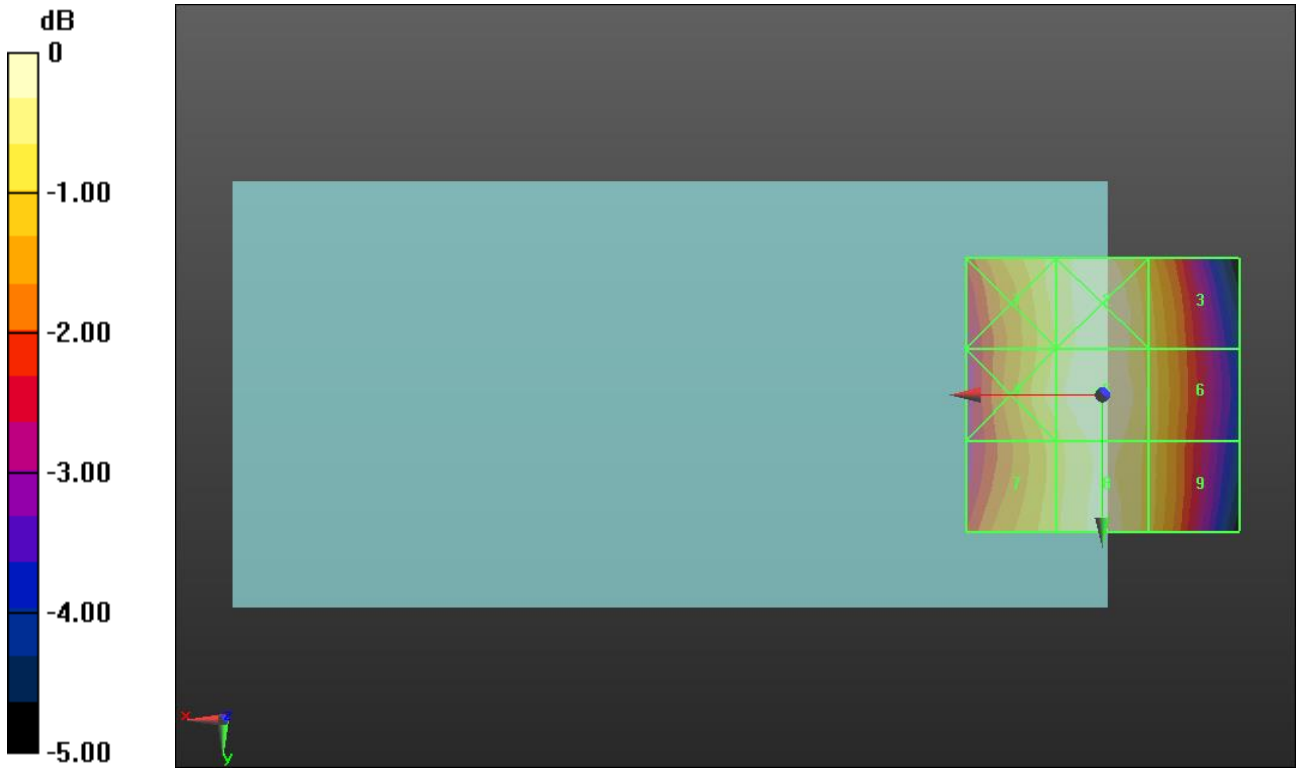
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 39.80 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 33.36 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **32.86 dBV/m**	Grid 2 **M4** **33.28 dBV/m**	Grid 3 **M4** **32.57 dBV/m**
Grid 4 **M4** **32.89 dBV/m**	Grid 5 **M4** **33.36 dBV/m**	Grid 6 **M4** **32.64 dBV/m**
Grid 7 **M4** **32.64 dBV/m**	Grid 8 **M4** **33.11 dBV/m**	Grid 9 **M4** **32.58 dBV/m**



0 dB = 46.55 V/m = 33.36 dBV/m

HAC-RF Emission

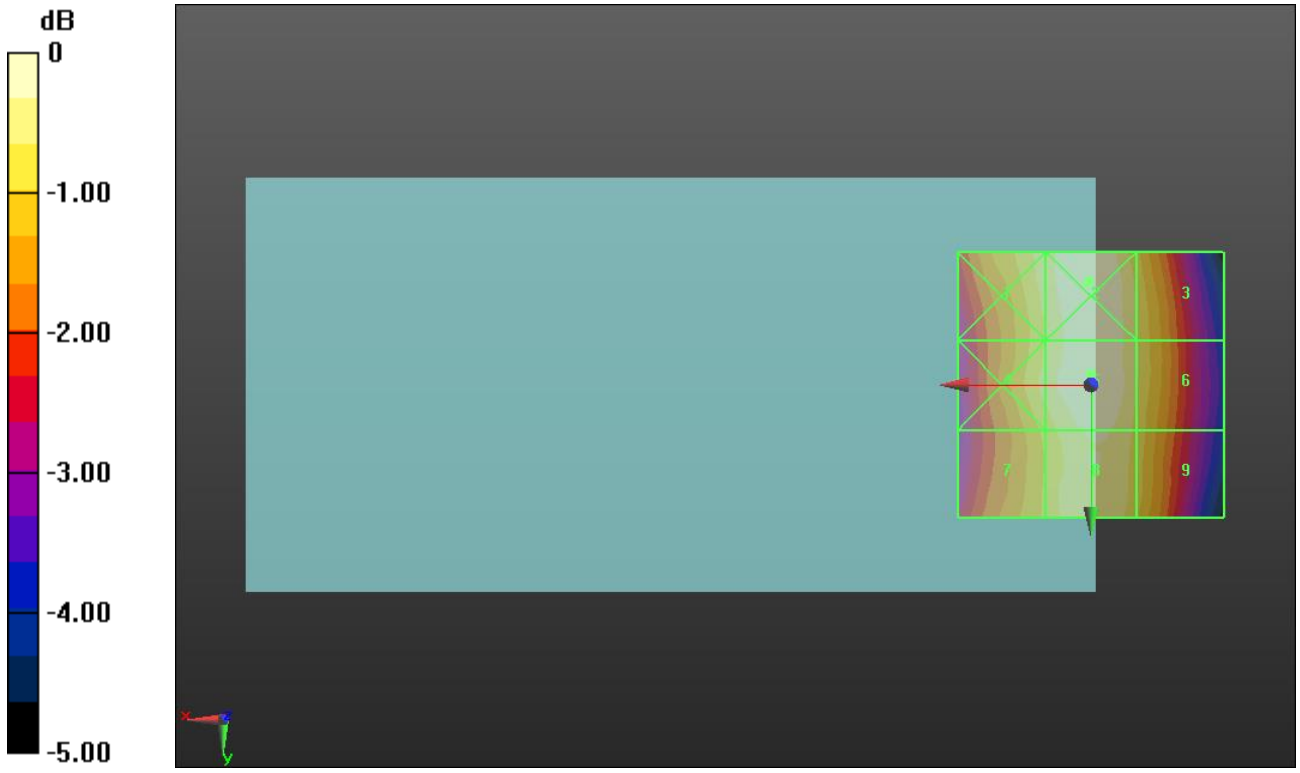
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 39.15 V/m; Power Drift = 0.07 dB
Applied MIF = 3.63 dB
RF audio interference level = 33.23 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **32.78 dBV/m**	Grid 2 **M4** **33.25 dBV/m**	Grid 3 **M4** **32.64 dBV/m**
Grid 4 **M4** **32.73 dBV/m**	Grid 5 **M4** **33.23 dBV/m**	Grid 6 **M4** **32.65 dBV/m**
Grid 7 **M4** **32.38 dBV/m**	Grid 8 **M4** **32.97 dBV/m**	Grid 9 **M4** **32.5 dBV/m**



0 dB = 45.99 V/m = 33.25 dBV/m

HAC-RF Emission

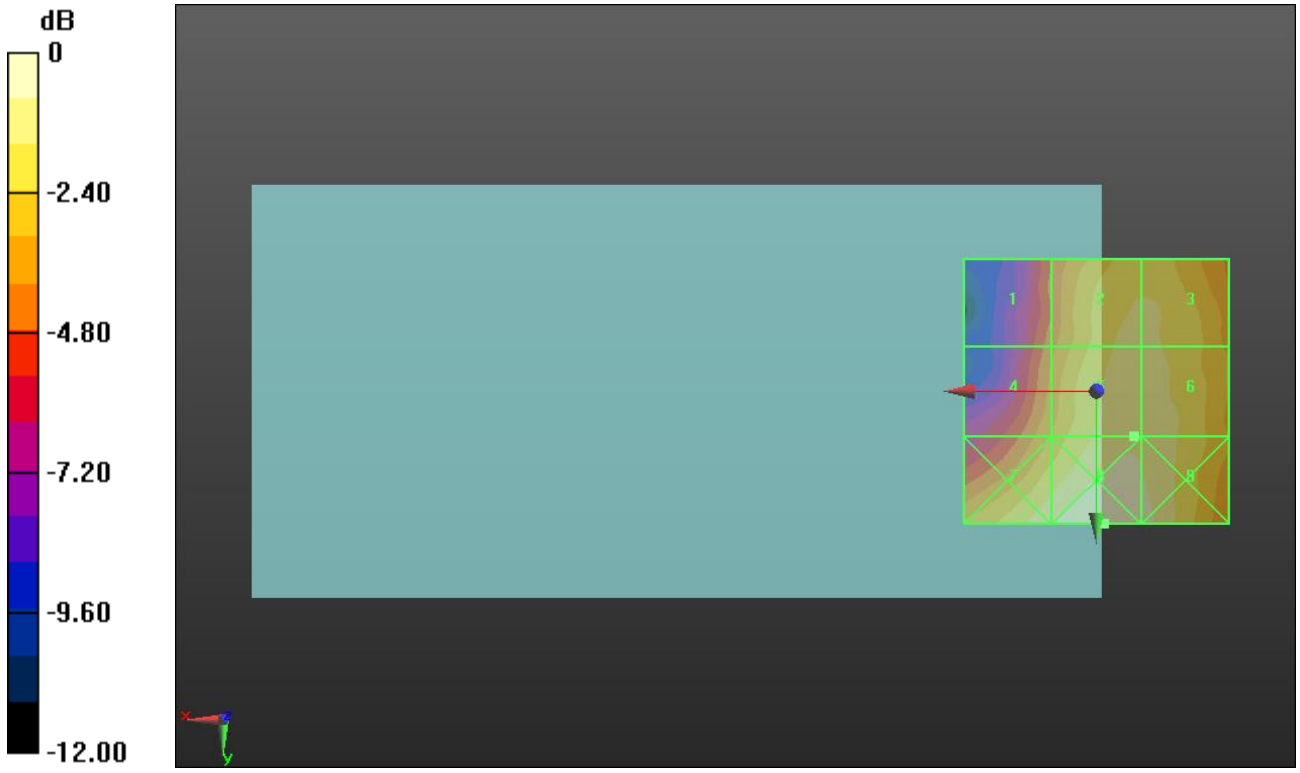
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 15.33 V/m; Power Drift = -0.09 dB
Applied MIF = 3.63 dB
RF audio interference level = 26.35 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.01 dBV/m**	Grid 2 **M4** **25.94 dBV/m**	Grid 3 **M4** **25.9 dBV/m**
Grid 4 **M4** **24.16 dBV/m**	Grid 5 **M4** **26.35 dBV/m**	Grid 6 **M4** **26.32 dBV/m**
Grid 7 **M4** **26.44 dBV/m**	Grid 8 **M4** **27.28 dBV/m**	Grid 9 **M4** **26.87 dBV/m**



0 dB = 23.13 V/m = 27.28 dBV/m

HAC-RF Emission

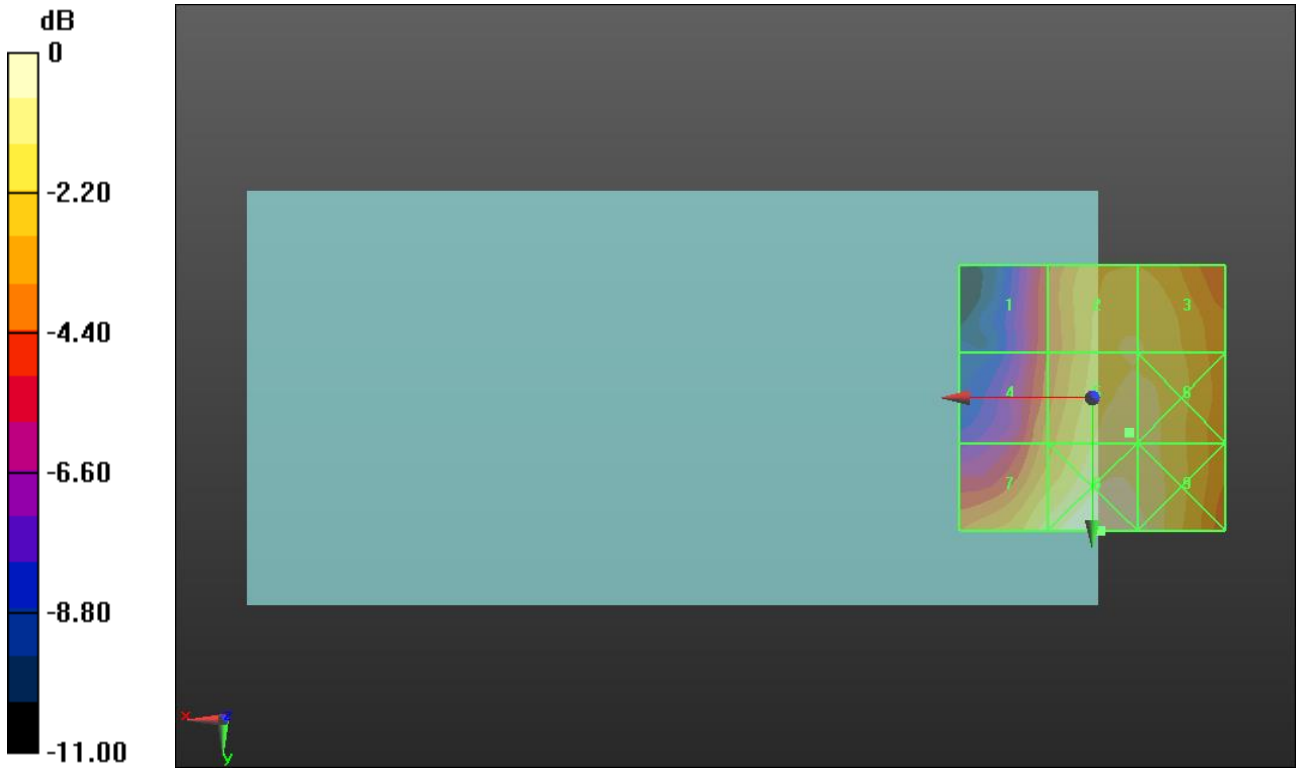
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 14.69 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 26.10 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.79 dBV/m**	Grid 2 **M4** **25.69 dBV/m**	Grid 3 **M4** **25.67 dBV/m**
Grid 4 **M4** **23.81 dBV/m**	Grid 5 **M4** **26.1 dBV/m**	Grid 6 **M4** **26.07 dBV/m**
Grid 7 **M4** **26 dBV/m**	Grid 8 **M4** **27.1 dBV/m**	Grid 9 **M4** **26.7 dBV/m**



0 dB = 22.64 V/m = 27.10 dBV/m

HAC-RF Emission

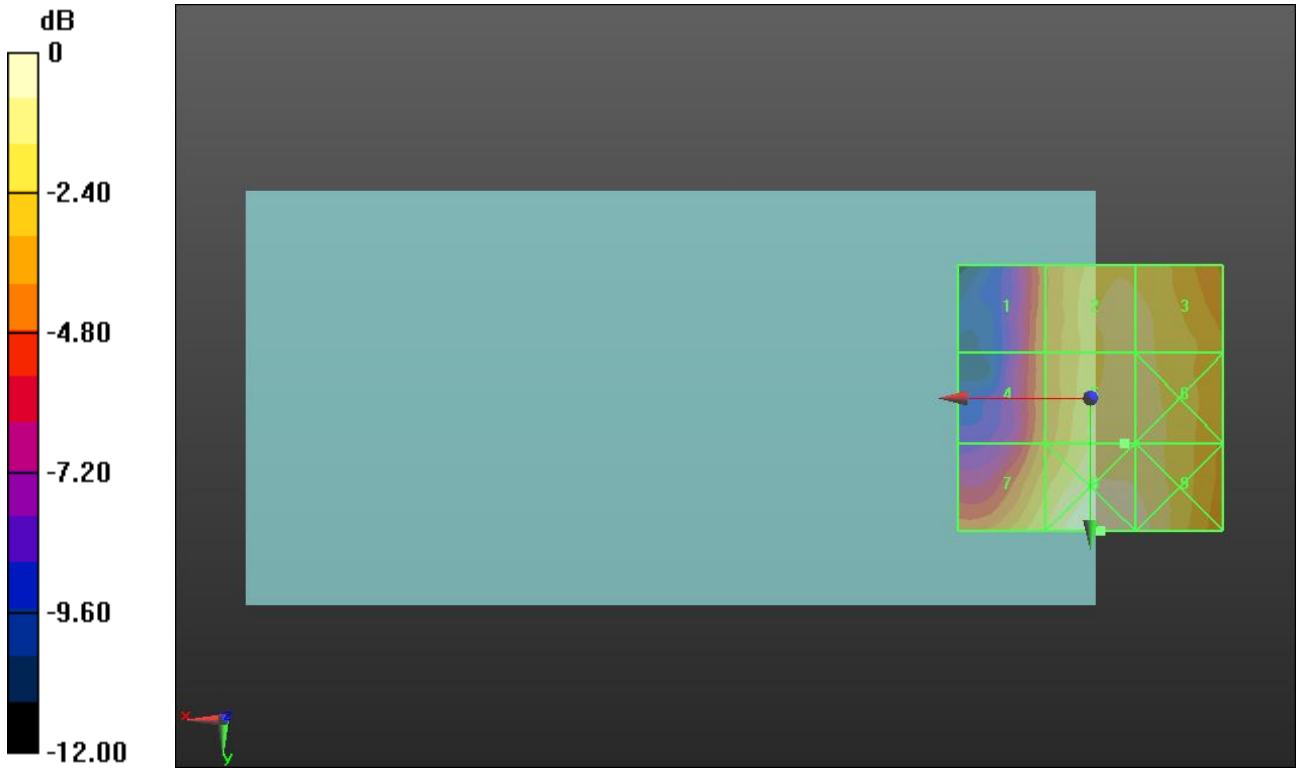
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 15.08 V/m; Power Drift = 0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 26.17 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.45 dBV/m**	Grid 2 **M4** **26.05 dBV/m**	Grid 3 **M4** **25.99 dBV/m**
Grid 4 **M4** **23.62 dBV/m**	Grid 5 **M4** **26.17 dBV/m**	Grid 6 **M4** **26.15 dBV/m**
Grid 7 **M4** **25.79 dBV/m**	Grid 8 **M4** **27.28 dBV/m**	Grid 9 **M4** **26.94 dBV/m**



0 dB = 23.13 V/m = 27.28 dBV/m

HAC-RF Emission

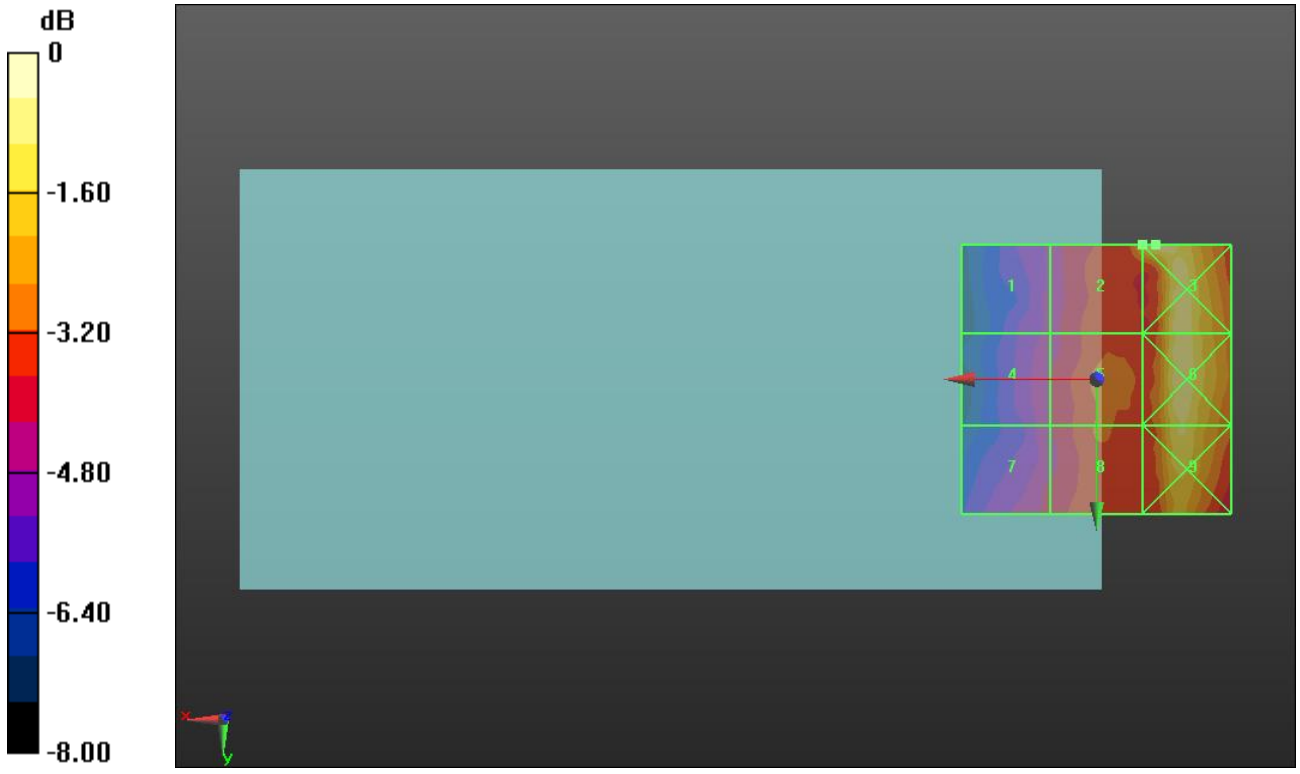
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 824.7 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC0 E-Field measurement/RC1_SO3_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 = 16.18 V/m; Power Drift = 0.25 dB
Applied MIF = 3.26 dB
RF audio interference level = 27.10 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.71 dBV/m**	Grid 2 **M4** **27.1 dBV/m**	Grid 3 **M4** **28.22 dBV/m**
Grid 4 **M4** **24.02 dBV/m**	Grid 5 **M4** **25.27 dBV/m**	Grid 6 **M4** **27.63 dBV/m**
Grid 7 **M4** **24.18 dBV/m**	Grid 8 **M4** **25.12 dBV/m**	Grid 9 **M4** **27.22 dBV/m**



0 dB = 25.77 V/m = 28.22 dBV/m

HAC-RF Emission

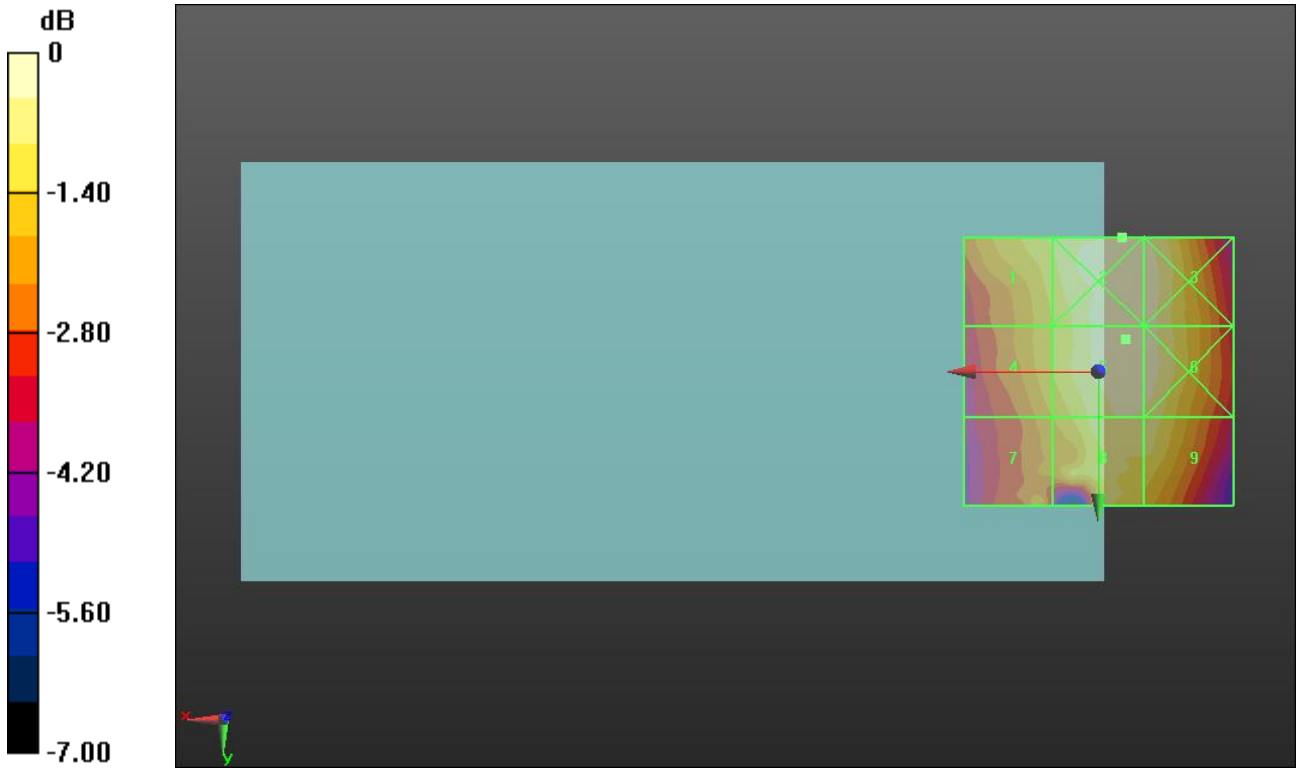
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 836.52 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC0 E-Field measurement/RC1_SO3_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 = 23.73 V/m; Power Drift = -0.07 dB
Applied MIF = 3.26 dB
RF audio interference level = 28.47 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.65 dBV/m**	Grid 2 **M4** **28.5 dBV/m**	Grid 3 **M4** **28.35 dBV/m**
Grid 4 **M4** **27.14 dBV/m**	Grid 5 **M4** **28.47 dBV/m**	Grid 6 **M4** **28.31 dBV/m**
Grid 7 **M4** **26.64 dBV/m**	Grid 8 **M4** **28.05 dBV/m**	Grid 9 **M4** **27.95 dBV/m**



0 dB = 26.62 V/m = 28.50 dBV/m

HAC-RF Emission

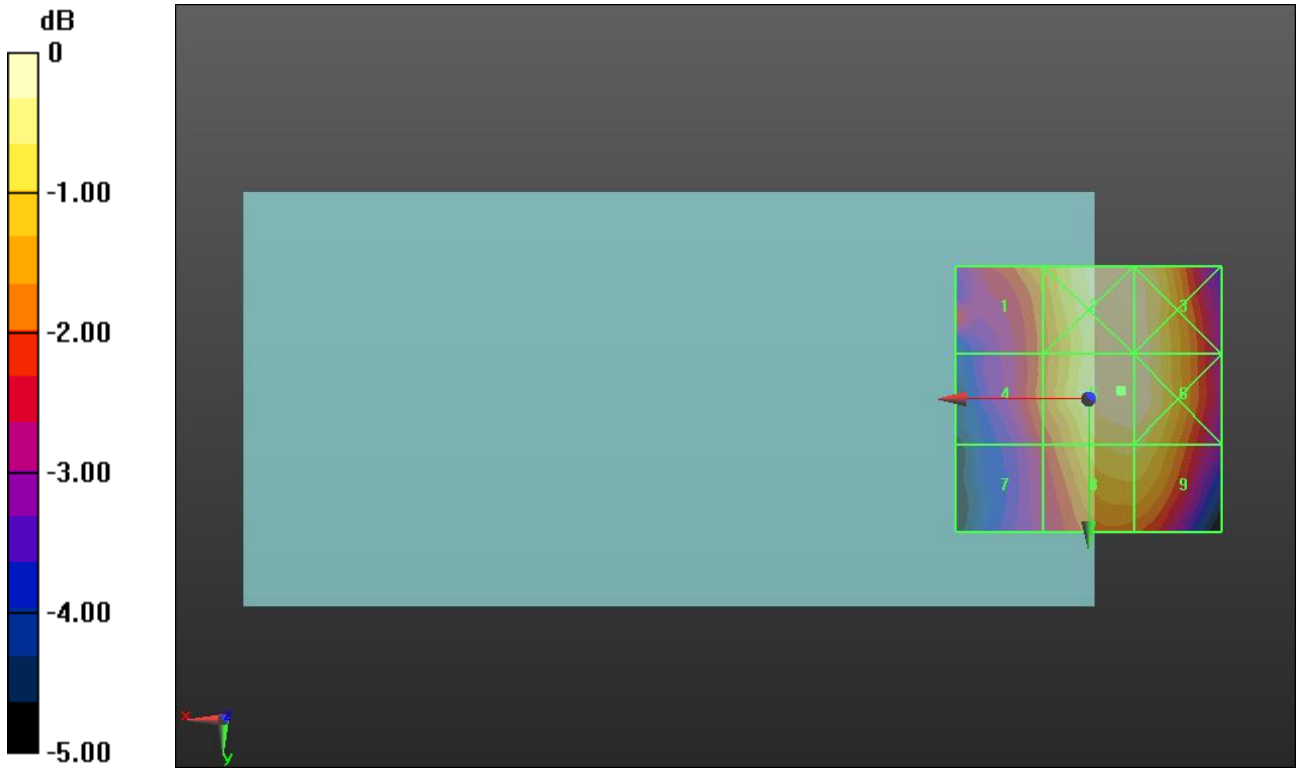
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 848.31 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC0 E-Field measurement/RC1_SO3_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 = 24.09 V/m; Power Drift = -0.11 dB
Applied MIF = 3.26 dB
RF audio interference level = 28.59 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.39 dBV/m**	Grid 2 **M4** **28.58 dBV/m**	Grid 3 **M4** **28.52 dBV/m**
Grid 4 **M4** **26.86 dBV/m**	Grid 5 **M4** **28.59 dBV/m**	Grid 6 **M4** **28.55 dBV/m**
Grid 7 **M4** **26.27 dBV/m**	Grid 8 **M4** **28.06 dBV/m**	Grid 9 **M4** **28.05 dBV/m**



0 dB = 26.88 V/m = 28.59 dBV/m

HAC-RF Emission

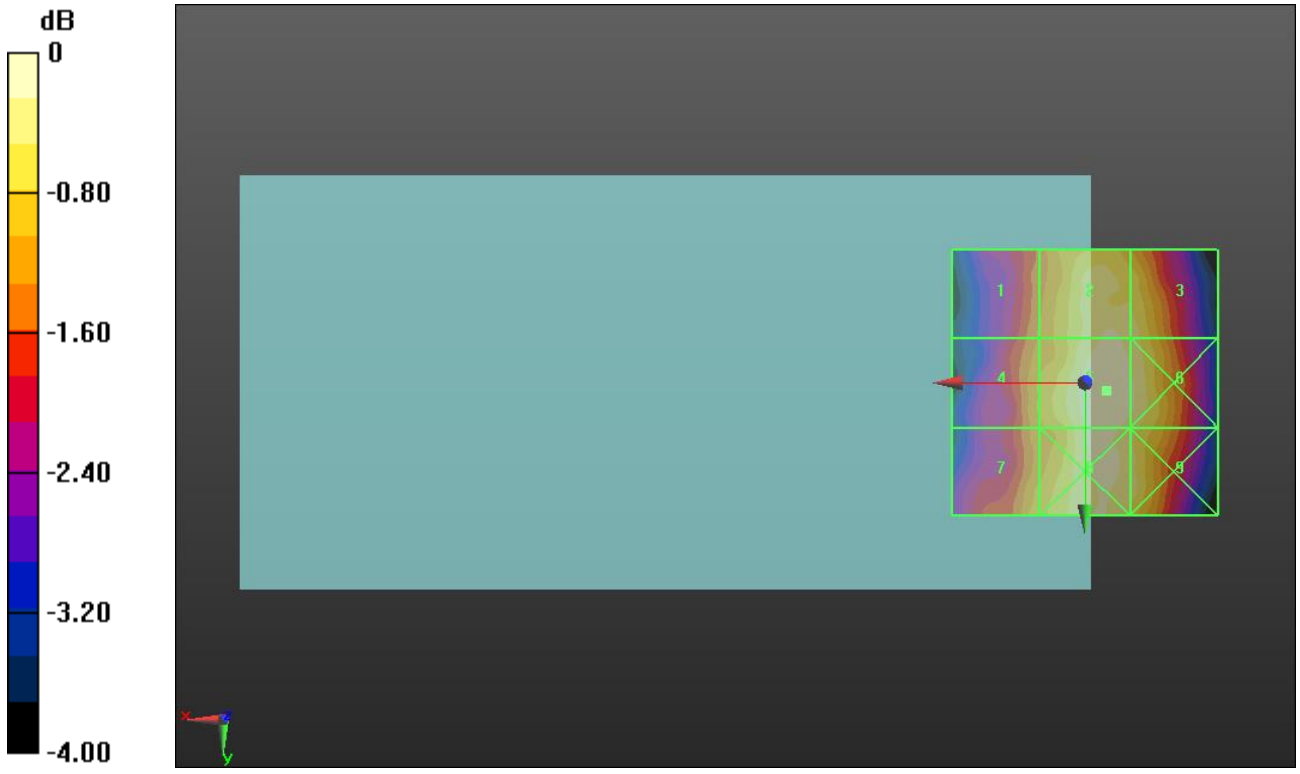
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1851.25 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC1 E-Field measurement/RC1_SO3_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 = 15.60 V/m; Power Drift = -0.16 dB
Applied MIF = 3.26 dB
RF audio interference level = 24.80 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.54 dBV/m**	Grid 2 **M4** **24.57 dBV/m**	Grid 3 **M4** **24.44 dBV/m**
Grid 4 **M4** **23.8 dBV/m**	Grid 5 **M4** **24.8 dBV/m**	Grid 6 **M4** **24.6 dBV/m**
Grid 7 **M4** **23.95 dBV/m**	Grid 8 **M4** **24.65 dBV/m**	Grid 9 **M4** **24.41 dBV/m**



0 dB = 17.38 V/m = 24.80 dBV/m

HAC-RF Emission

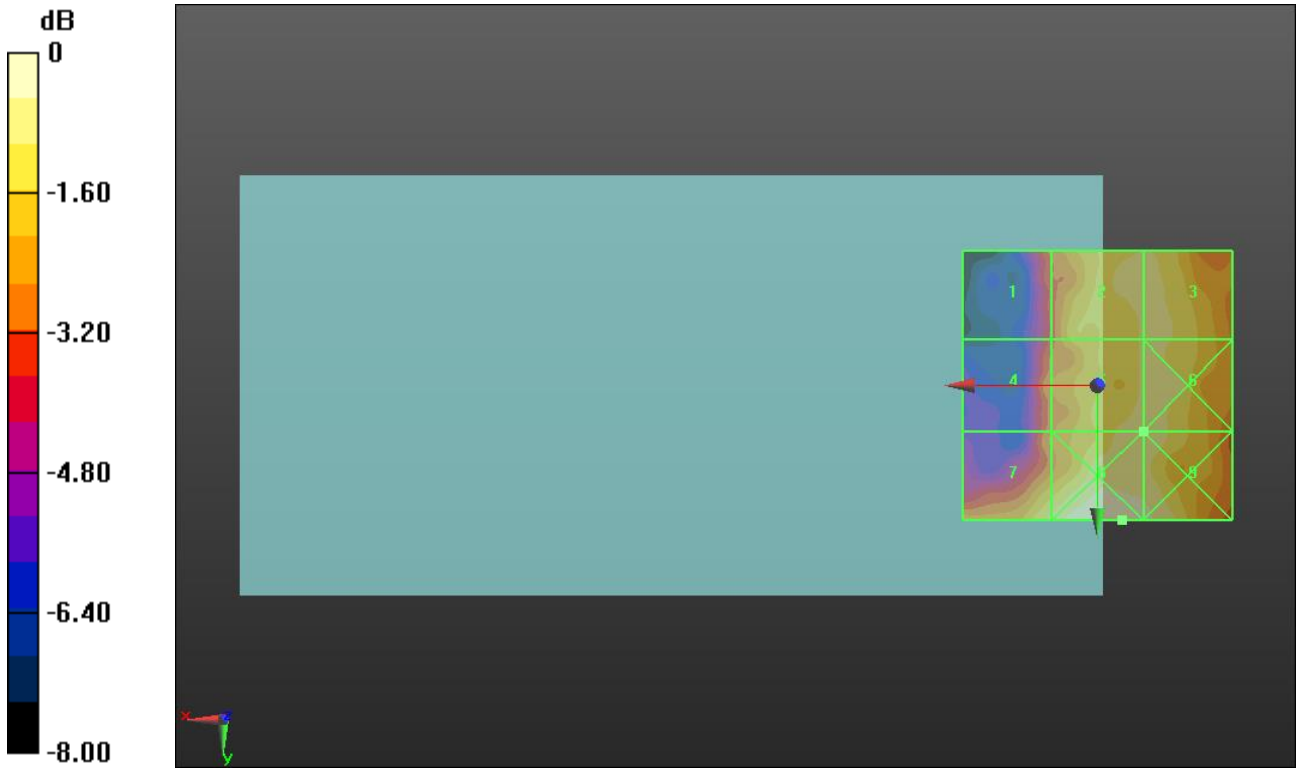
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC1 E-Field measurement/RC1_SO3_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 = 7.489 V/m; Power Drift = -0.02 dB
Applied MIF = 3.26 dB
RF audio interference level = 20.48 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.22 dBV/m**	Grid 2 **M4** **20.36 dBV/m**	Grid 3 **M4** **20.27 dBV/m**
Grid 4 **M4** **18.59 dBV/m**	Grid 5 **M4** **20.48 dBV/m**	Grid 6 **M4** **20.51 dBV/m**
Grid 7 **M4** **20.33 dBV/m**	Grid 8 **M4** **21.13 dBV/m**	Grid 9 **M4** **20.82 dBV/m**



0 dB = 11.39 V/m = 21.13 dBV/m

HAC-RF Emission

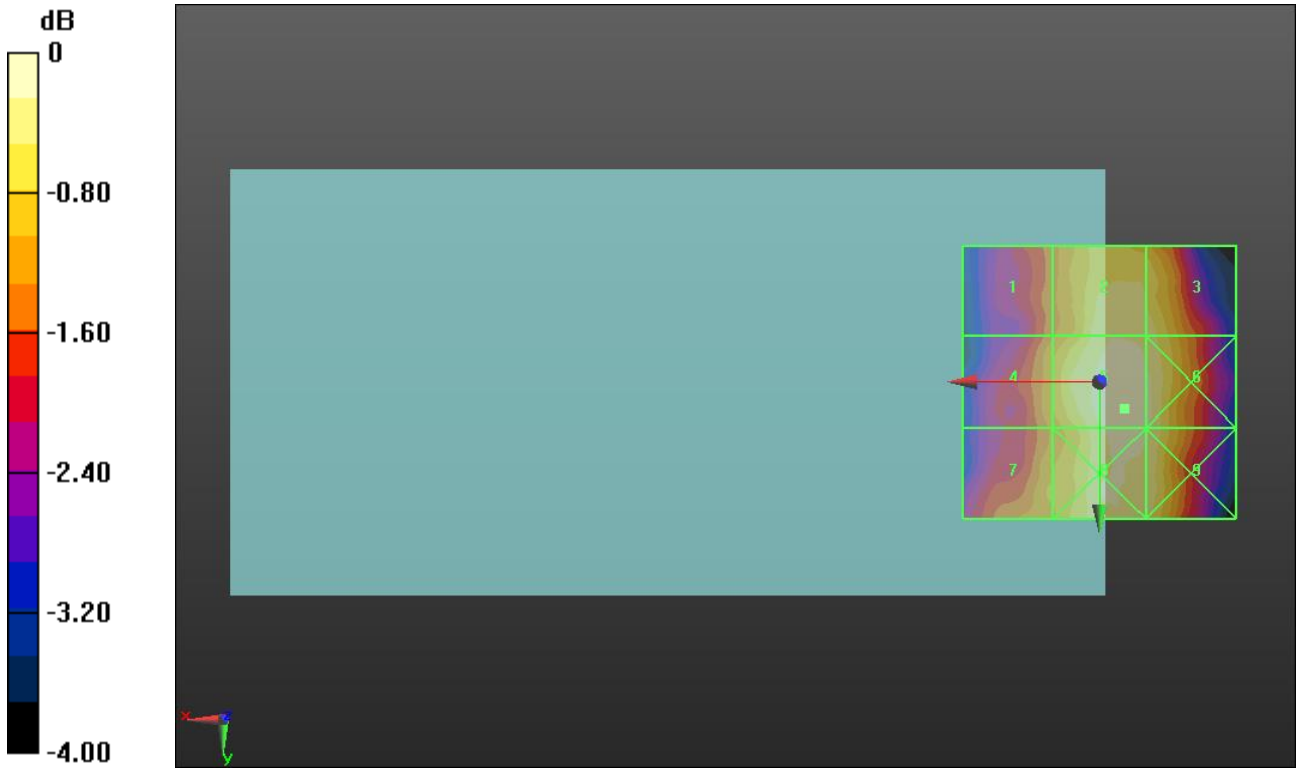
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1908.75 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC1 E-Field measurement/RC1_SO3_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 = 15.45 V/m; Power Drift = 0.13 dB
Applied MIF = 3.26 dB
RF audio interference level = 24.98 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.61 dBV/m**	Grid 2 **M4** **24.71 dBV/m**	Grid 3 **M4** **24.61 dBV/m**
Grid 4 **M4** **23.94 dBV/m**	Grid 5 **M4** **24.98 dBV/m**	Grid 6 **M4** **24.8 dBV/m**
Grid 7 **M4** **23.99 dBV/m**	Grid 8 **M4** **24.89 dBV/m**	Grid 9 **M4** **24.77 dBV/m**



0 dB = 17.74 V/m = 24.98 dBV/m

HAC-RF Emission

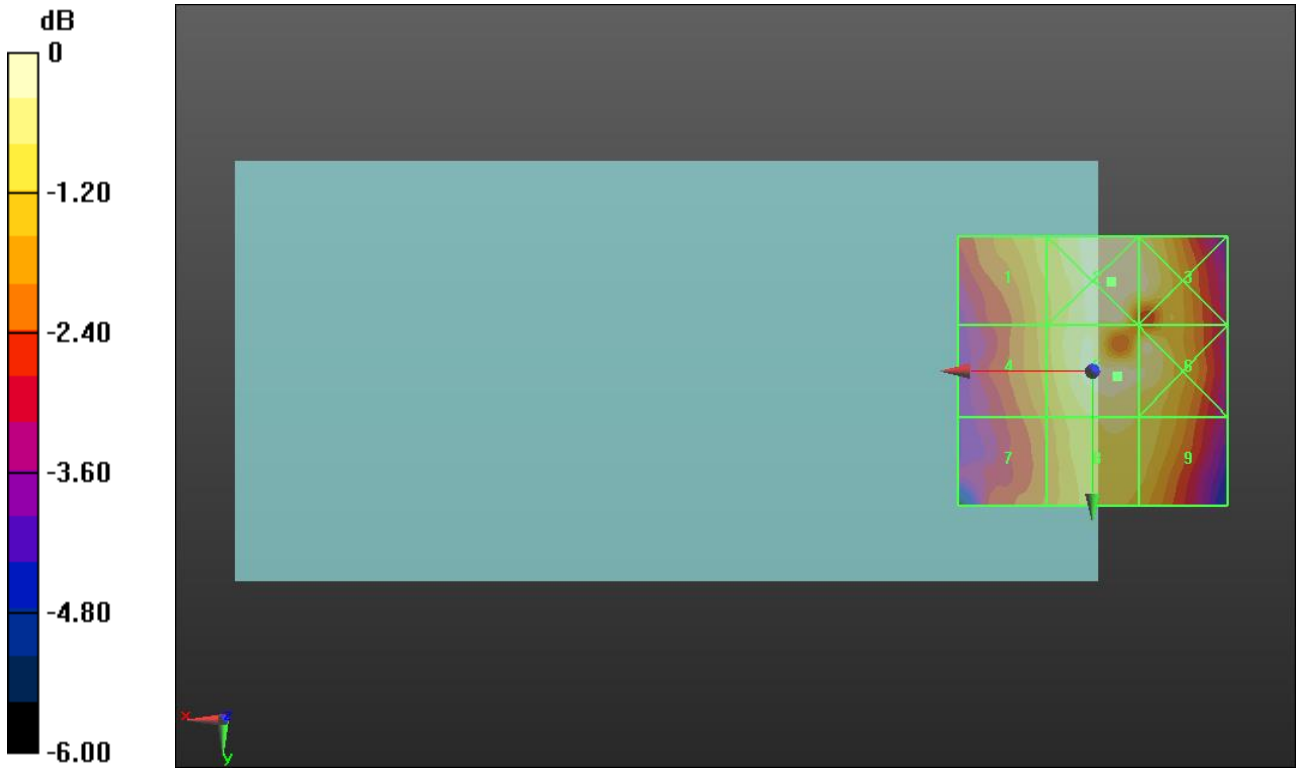
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.3 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 817.3 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC10 E-Field measurement/RC1_SO3_Ch.450/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 17.40 V/m; Power Drift = -0.08 dB
Applied MIF = 3.26 dB
RF audio interference level = 25.92 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.07 dBV/m**	Grid 2 **M4** **26.04 dBV/m**	Grid 3 **M4** **25.83 dBV/m**
Grid 4 **M4** **24.73 dBV/m**	Grid 5 **M4** **25.92 dBV/m**	Grid 6 **M4** **25.77 dBV/m**
Grid 7 **M4** **24.26 dBV/m**	Grid 8 **M4** **25.36 dBV/m**	Grid 9 **M4** **25.2 dBV/m**



0 dB = 20.03 V/m = 26.03 dBV/m

HAC-RF Emission

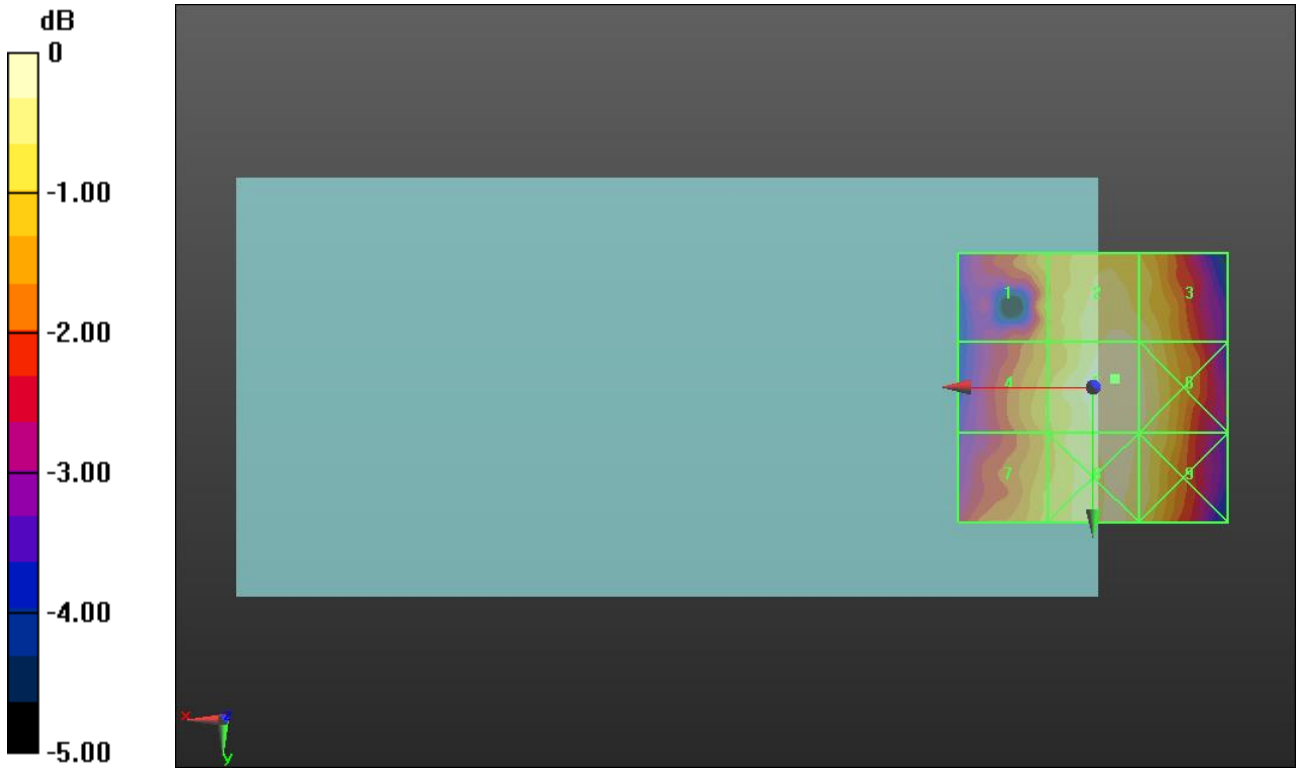
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 820 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC10 E-Field measurement/RC1_SO3_Ch.560/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 = 15.35 V/m; Power Drift = 0.10 dB
Applied MIF = 3.26 dB
RF audio interference level = 25.00 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.89 dBV/m**	Grid 2 **M4** **24.78 dBV/m**	Grid 3 **M4** **24.62 dBV/m**
Grid 4 **M4** **24.04 dBV/m**	Grid 5 **M4** **25 dBV/m**	Grid 6 **M4** **24.78 dBV/m**
Grid 7 **M4** **24.11 dBV/m**	Grid 8 **M4** **24.87 dBV/m**	Grid 9 **M4** **24.66 dBV/m**



0 dB = 17.79 V/m = 25.00 dBV/m

HAC-RF Emission

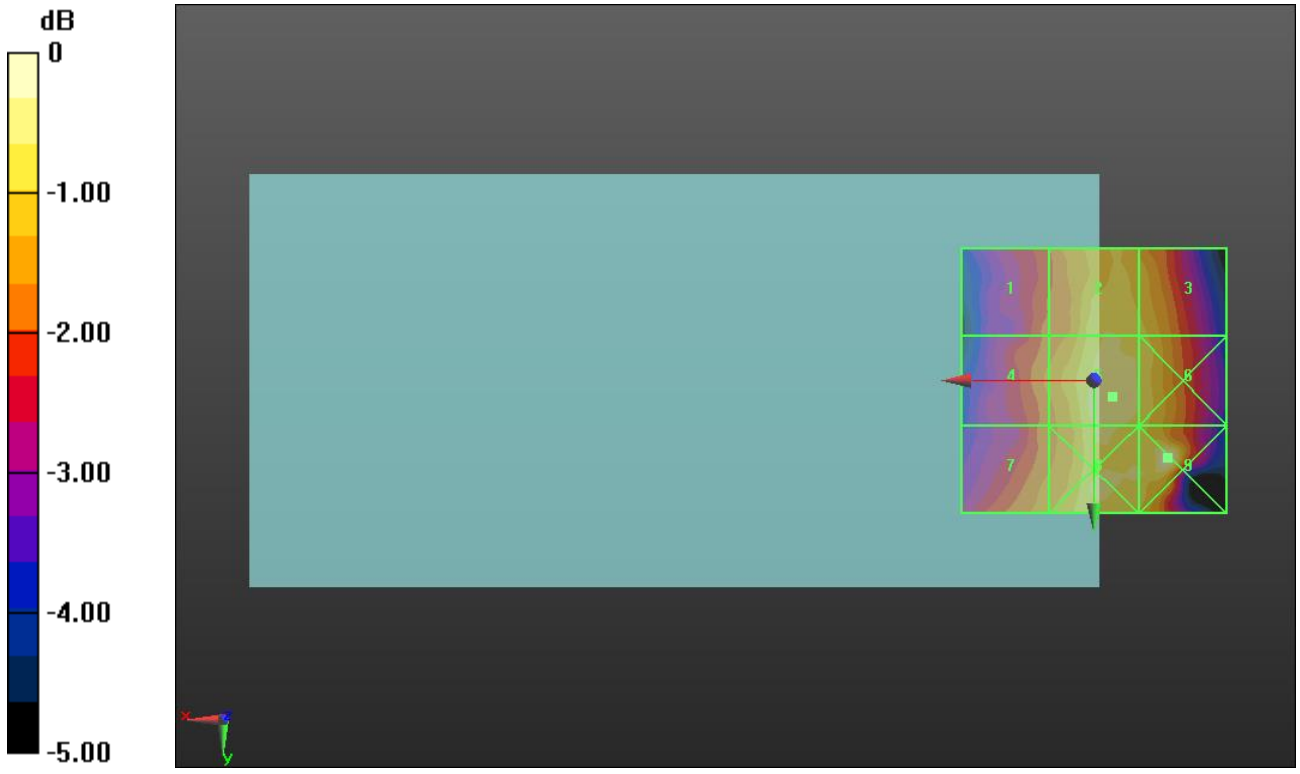
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 822.75 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 822.75 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC10 E-Field measurement/RC1_SO3_Ch.670/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 = 15.46 V/m; Power Drift = 0.03 dB
Applied MIF = 3.26 dB
RF audio interference level = 24.91 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.41 dBV/m**	Grid 2 **M4** **24.63 dBV/m**	Grid 3 **M4** **24.43 dBV/m**
Grid 4 **M4** **23.72 dBV/m**	Grid 5 **M4** **24.91 dBV/m**	Grid 6 **M4** **24.62 dBV/m**
Grid 7 **M4** **23.89 dBV/m**	Grid 8 **M4** **24.74 dBV/m**	Grid 9 **M4** **25.28 dBV/m**



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

HAC-RF Emission

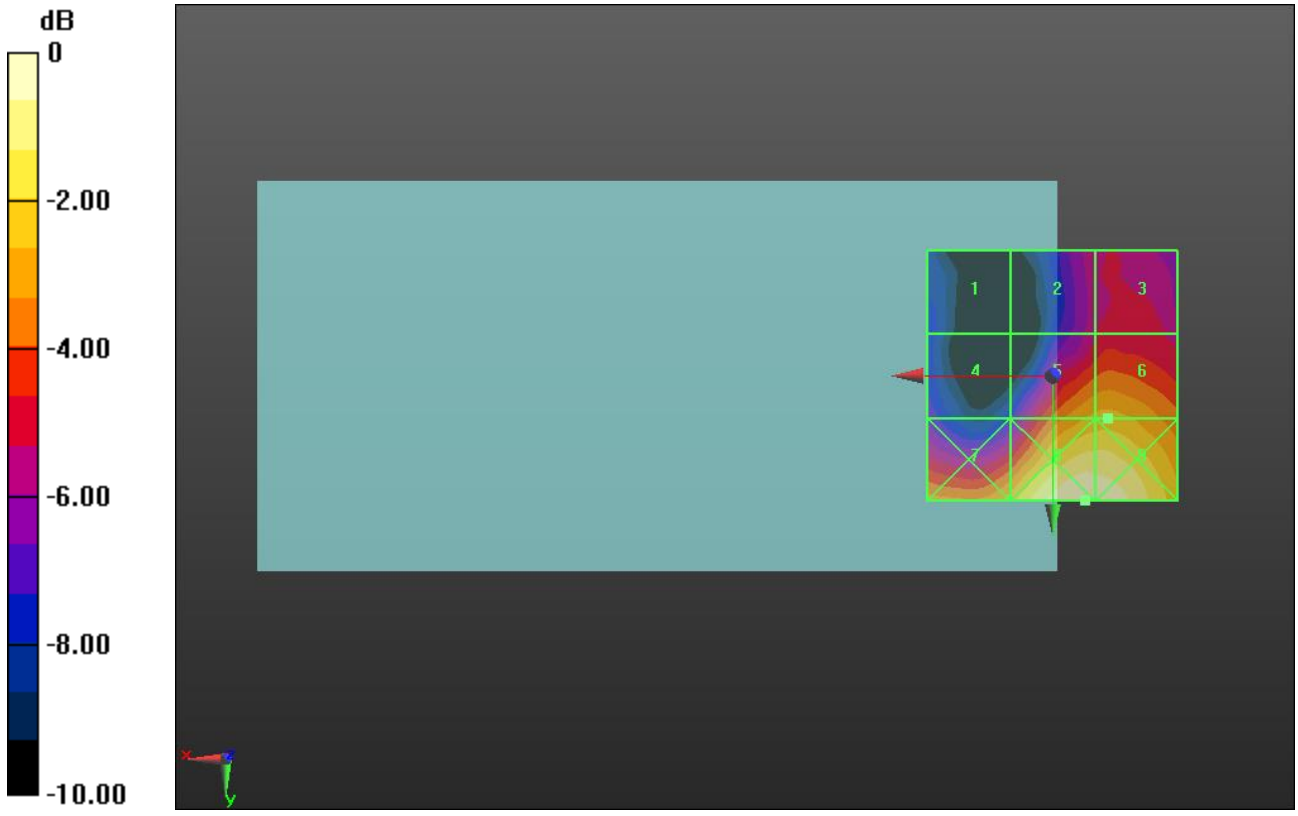
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 9.543 V/m; Power Drift = 0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.63 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.49 dBV/m**	Grid 2 **M4** **16.62 dBV/m**	Grid 3 **M4** **17.06 dBV/m**
Grid 4 **M4** **15.28 dBV/m**	Grid 5 **M4** **19.55 dBV/m**	Grid 6 **M4** **19.63 dBV/m**
Grid 7 **M4** **19.72 dBV/m**	Grid 8 **M4** **22.01 dBV/m**	Grid 9 **M4** **21.97 dBV/m**



0 dB = 12.60 V/m = 22.01 dBV/m

HAC-RF Emission

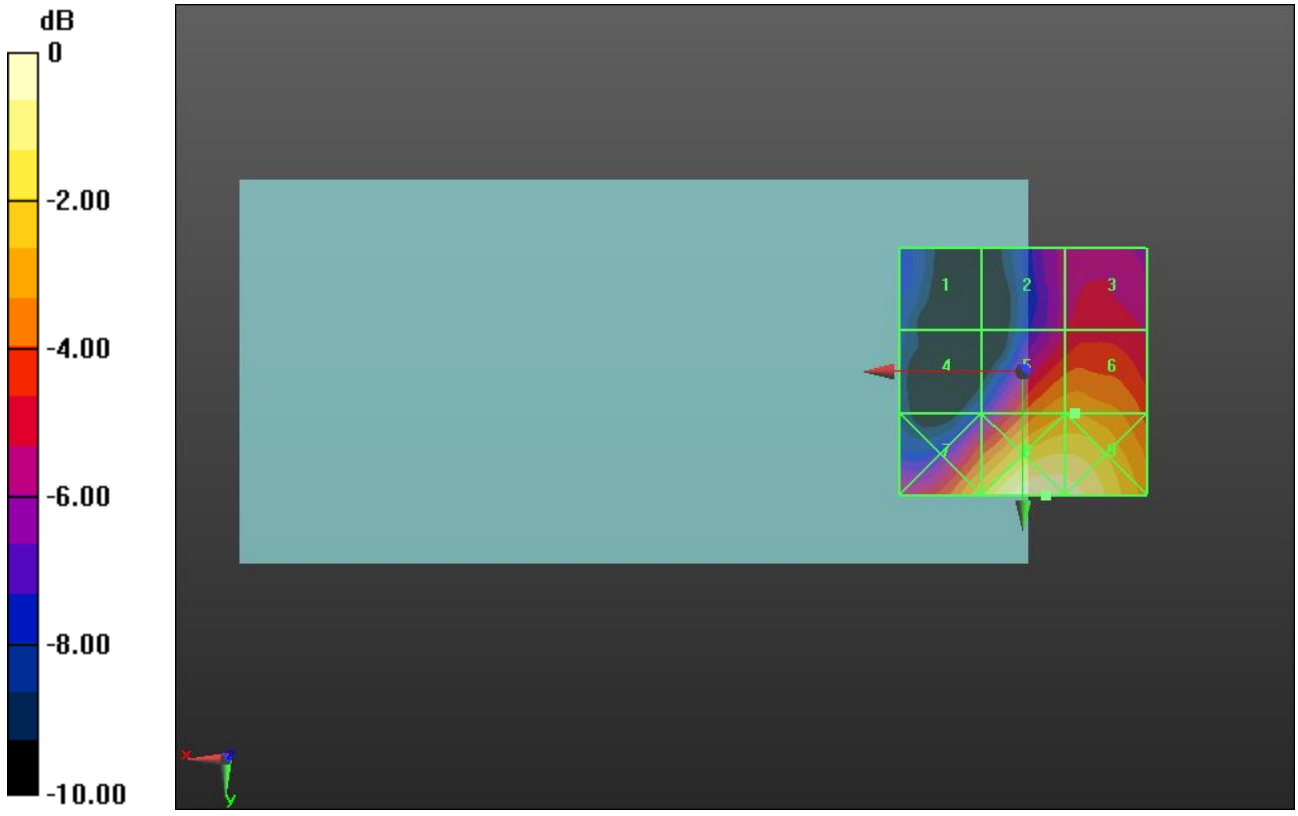
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 40185/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 9.492 V/m; Power Drift = -0.16 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.21 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.44 dBV/m**	Grid 2 **M4** **16.49 dBV/m**	Grid 3 **M4** **17.01 dBV/m**
Grid 4 **M4** **14.61 dBV/m**	Grid 5 **M4** **19.15 dBV/m**	Grid 6 **M4** **19.21 dBV/m**
Grid 7 **M4** **19.8 dBV/m**	Grid 8 **M4** **21.84 dBV/m**	Grid 9 **M4** **21.59 dBV/m**



0 dB = 12.37 V/m = 21.85 dBV/m

HAC-RF Emission

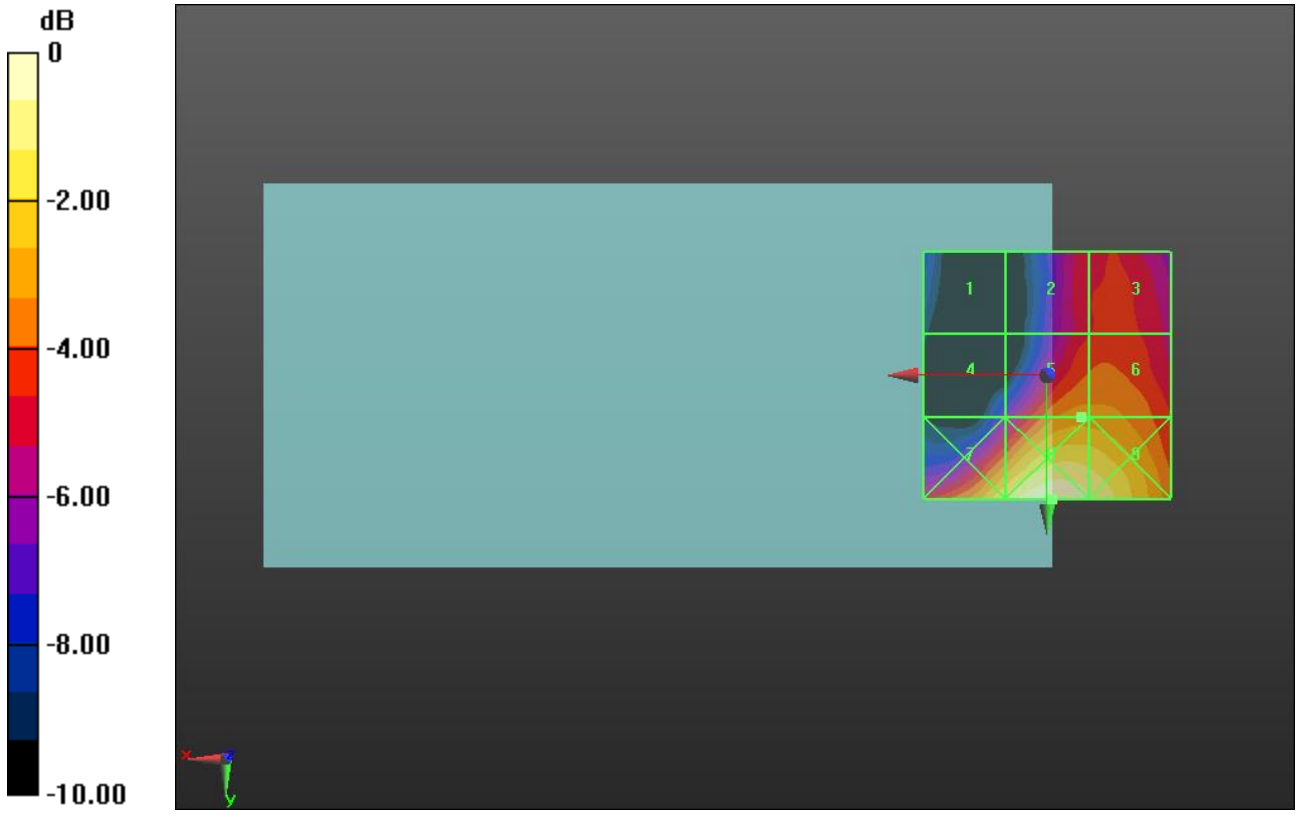
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 9.450 V/m; Power Drift = 0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 18.26 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **13.79 dBV/m**	Grid 2 **M4** **16.53 dBV/m**	Grid 3 **M4** **16.86 dBV/m**
Grid 4 **M4** **14.64 dBV/m**	Grid 5 **M4** **18.26 dBV/m**	Grid 6 **M4** **18.23 dBV/m**
Grid 7 **M4** **19.94 dBV/m**	Grid 8 **M4** **21.2 dBV/m**	Grid 9 **M4** **20.67 dBV/m**



0 dB = 11.48 V/m = 21.20 dBV/m

HAC-RF Emission

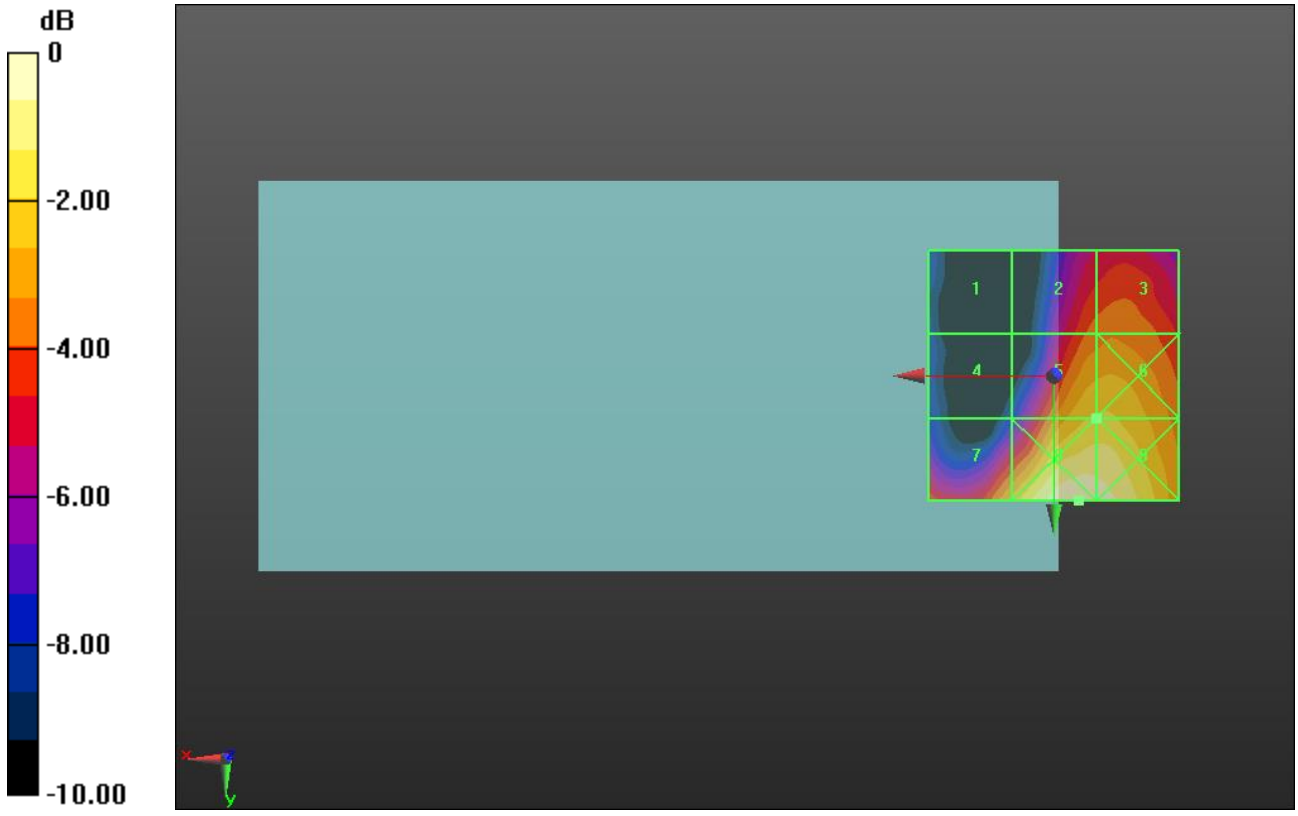
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 41055/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 9.610 V/m; Power Drift = -0.18 dB
Applied MIF = -1.44 dB
RF audio interference level = 18.68 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **12.56 dBV/m**	Grid 2 **M4** **16.97 dBV/m**	Grid 3 **M4** **17.2 dBV/m**
Grid 4 **M4** **12.97 dBV/m**	Grid 5 **M4** **18.68 dBV/m**	Grid 6 **M4** **18.7 dBV/m**
Grid 7 **M4** **18.16 dBV/m**	Grid 8 **M4** **20.57 dBV/m**	Grid 9 **M4** **20.33 dBV/m**



0 dB = 10.68 V/m = 20.57 dBV/m

HAC-RF Emission

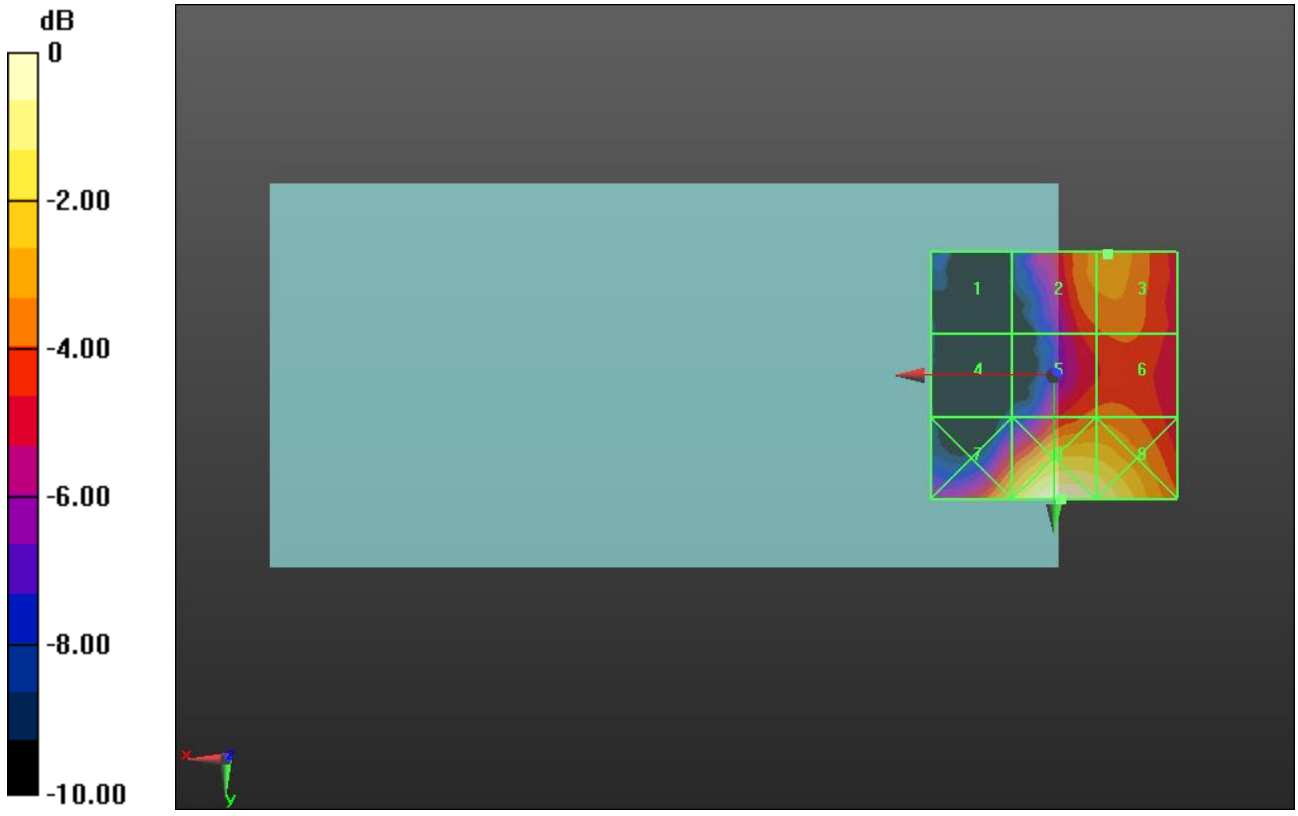
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 6.843 V/m; Power Drift = -0.10 dB
Applied MIF = -1.44 dB
RF audio interference level = 16.68 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **11.57 dBV/m**	Grid 2 **M4** **16.55 dBV/m**	Grid 3 **M4** **16.68 dBV/m**
Grid 4 **M4** **11.35 dBV/m**	Grid 5 **M4** **16.04 dBV/m**	Grid 6 **M4** **16.13 dBV/m**
Grid 7 **M4** **17.65 dBV/m**	Grid 8 **M4** **19.68 dBV/m**	Grid 9 **M4** **19.12 dBV/m**



0 dB = 9.635 V/m = 19.68 dBV/m

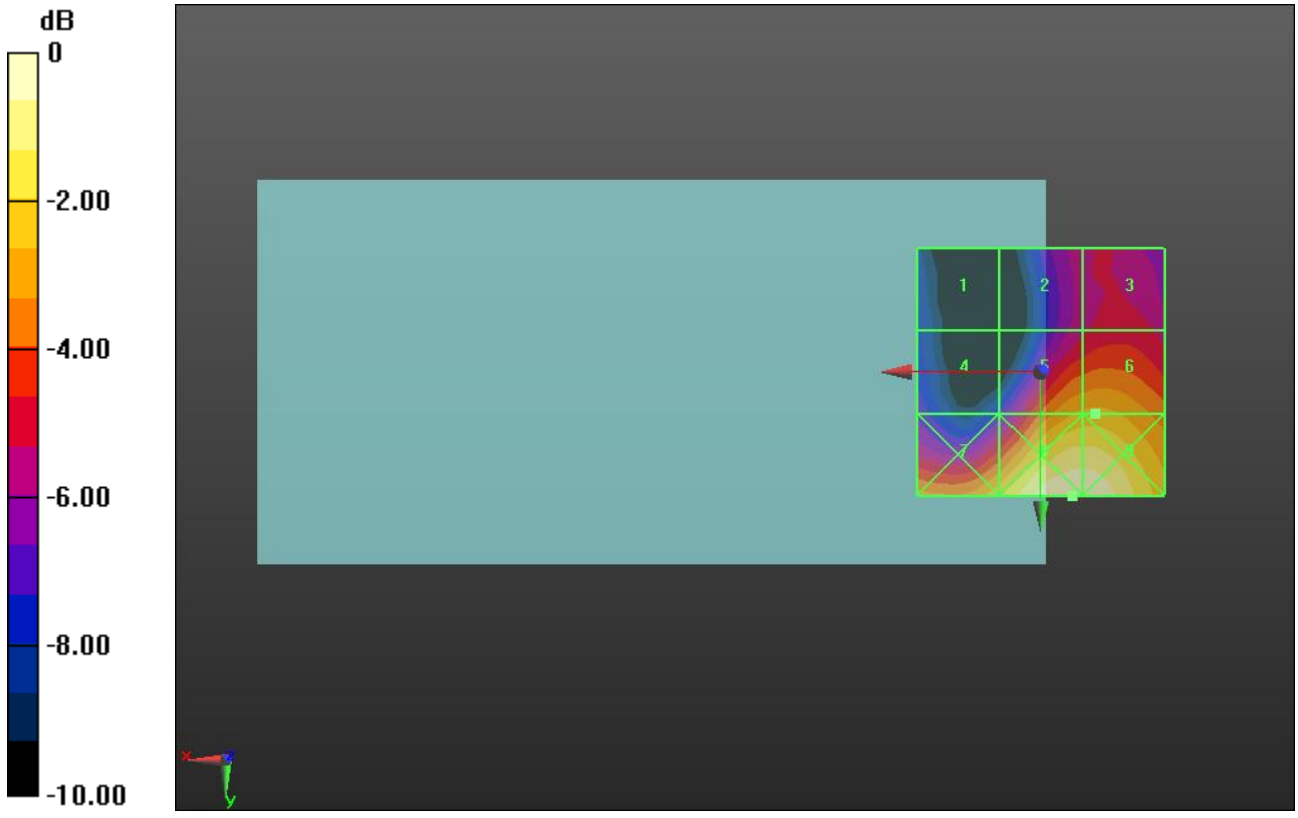
HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 39750/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 10.61 V/m; Power Drift = 0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.39 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.98 dBV/m**	Grid 2 **M4** **17.36 dBV/m**	Grid 3 **M4** **17.94 dBV/m**
Grid 4 **M4** **16.04 dBV/m**	Grid 5 **M4** **20.31 dBV/m**	Grid 6 **M4** **20.39 dBV/m**
Grid 7 **M4** **20.69 dBV/m**	Grid 8 **M4** **22.81 dBV/m**	Grid 9 **M4** **22.78 dBV/m**



0 dB = 13.82 V/m = 22.81 dBV/m

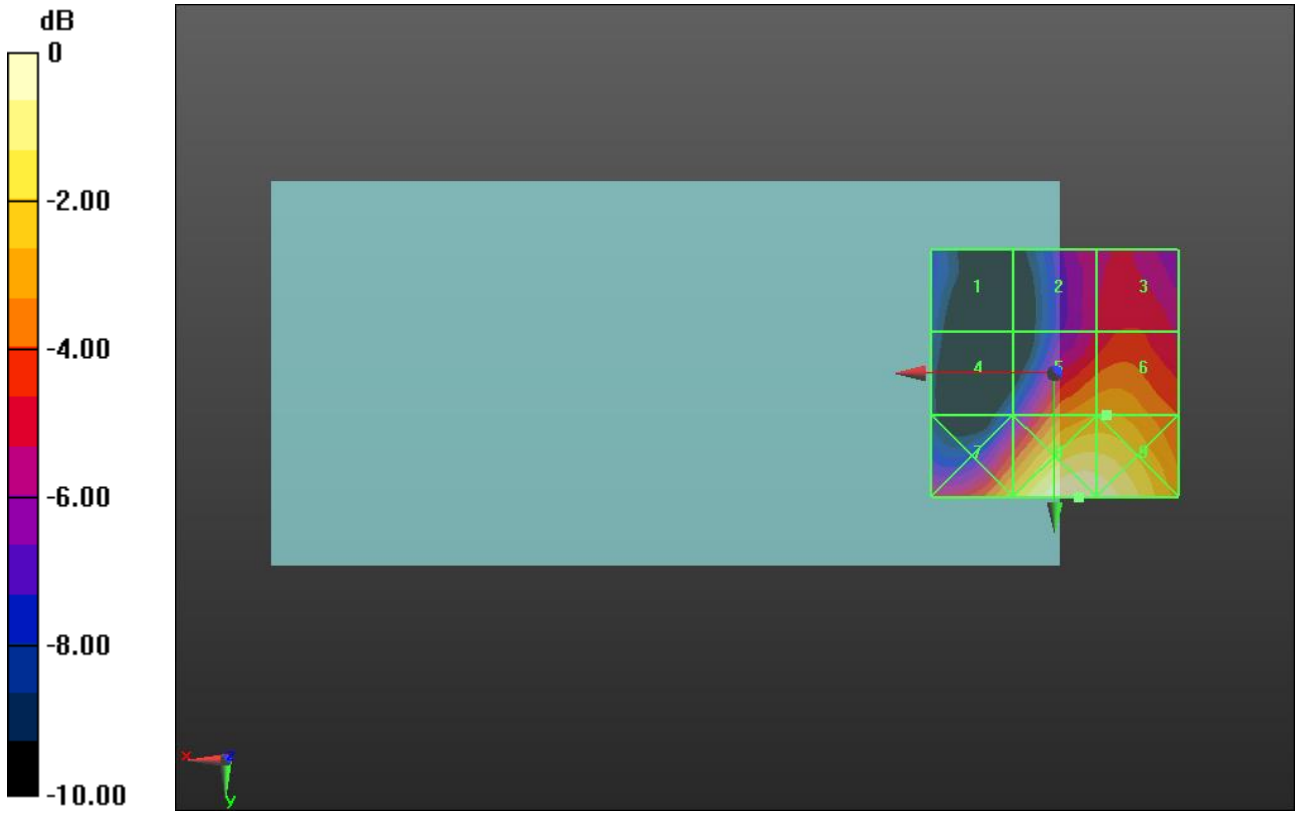
HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 40185/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 10.65 V/m; Power Drift = 0.00 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.30 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.24 dBV/m**	Grid 2 **M4** **17.69 dBV/m**	Grid 3 **M4** **18.26 dBV/m**
Grid 4 **M4** **15.55 dBV/m**	Grid 5 **M4** **20.24 dBV/m**	Grid 6 **M4** **20.3 dBV/m**
Grid 7 **M4** **20.72 dBV/m**	Grid 8 **M4** **22.85 dBV/m**	Grid 9 **M4** **22.7 dBV/m**



0 dB = 13.89 V/m = 22.85 dBV/m

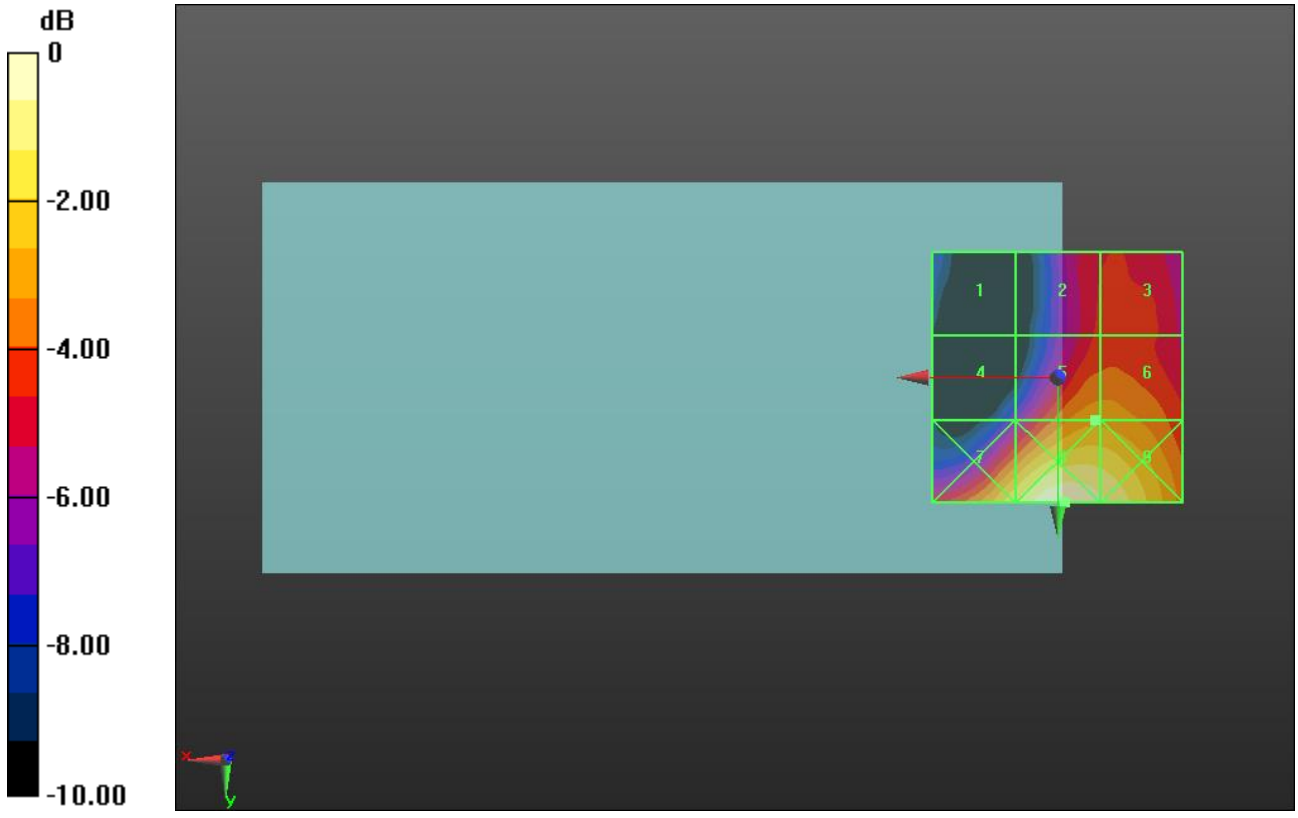
HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 40620/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 10.61 V/m; Power Drift = 0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.43 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.48 dBV/m**	Grid 2 **M4** **17.81 dBV/m**	Grid 3 **M4** **18 dBV/m**
Grid 4 **M4** **15.7 dBV/m**	Grid 5 **M4** **19.43 dBV/m**	Grid 6 **M4** **19.42 dBV/m**
Grid 7 **M4** **20.95 dBV/m**	Grid 8 **M4** **22.26 dBV/m**	Grid 9 **M4** **21.77 dBV/m**



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

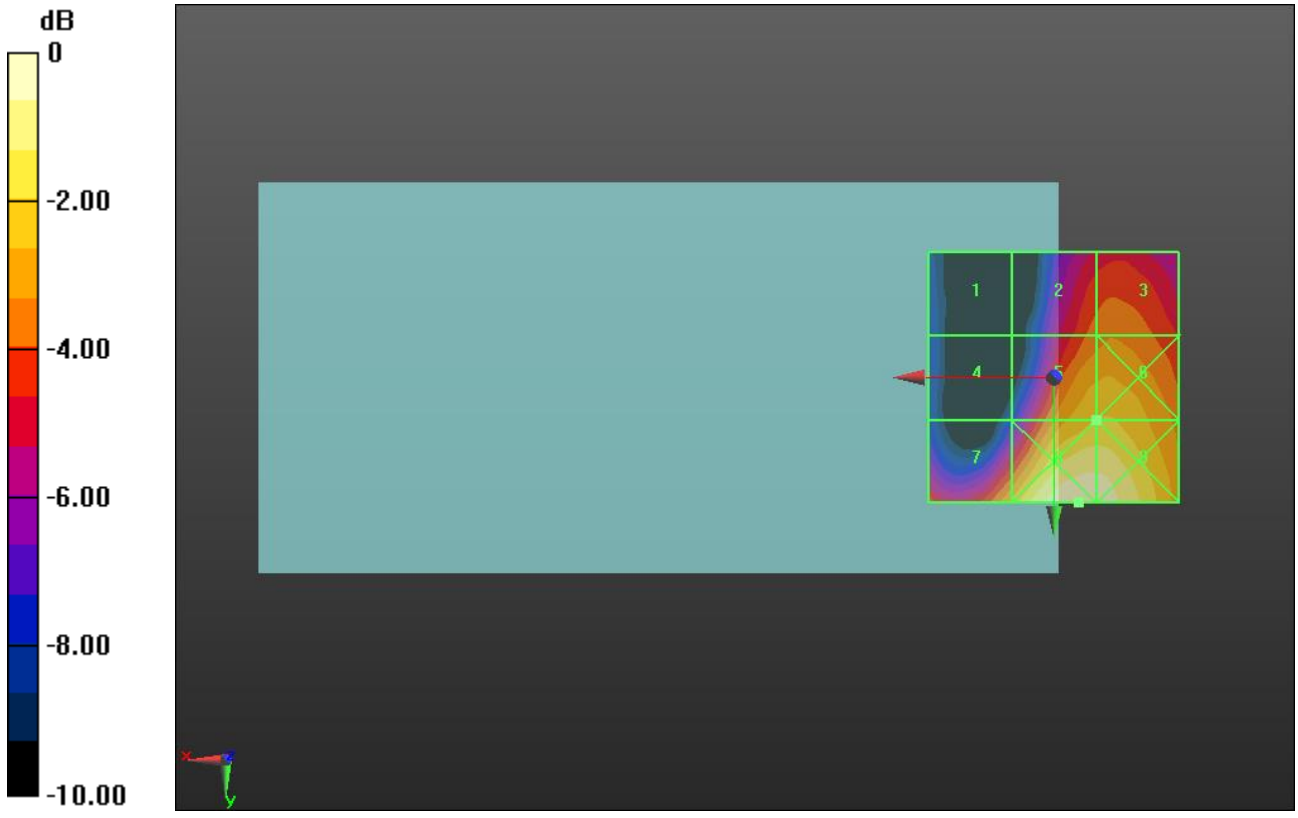
HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 41055/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 10.77 V/m; Power Drift = -0.06 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.63 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **13.88 dBV/m**	Grid 2 **M4** **17.99 dBV/m**	Grid 3 **M4** **18.23 dBV/m**
Grid 4 **M4** **13.92 dBV/m**	Grid 5 **M4** **19.63 dBV/m**	Grid 6 **M4** **19.7 dBV/m**
Grid 7 **M4** **19.14 dBV/m**	Grid 8 **M4** **21.59 dBV/m**	Grid 9 **M4** **21.4 dBV/m**



0 dB = 12.00 V/m = 21.58 dBV/m

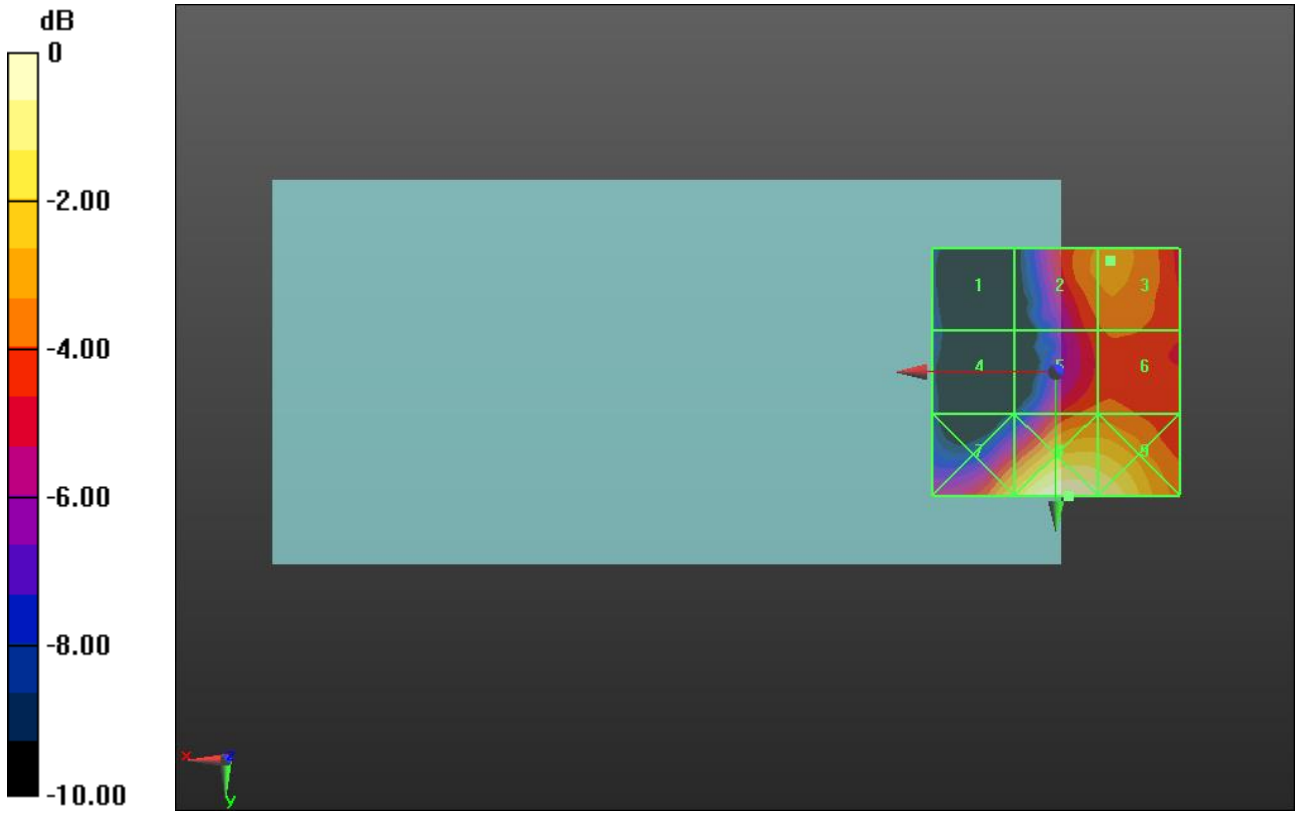
HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 41490/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 7.999 V/m; Power Drift = -0.12 dB
Applied MIF = -1.44 dB
RF audio interference level = 17.61 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **12.29 dBV/m**	Grid 2 **M4** **17.52 dBV/m**	Grid 3 **M4** **17.61 dBV/m**
Grid 4 **M4** **12.29 dBV/m**	Grid 5 **M4** **17.04 dBV/m**	Grid 6 **M4** **17.07 dBV/m**
Grid 7 **M4** **18.87 dBV/m**	Grid 8 **M4** **20.69 dBV/m**	Grid 9 **M4** **20.26 dBV/m**



0 dB = 10.83 V/m = 20.69 dBV/m

HAC-RF Emission

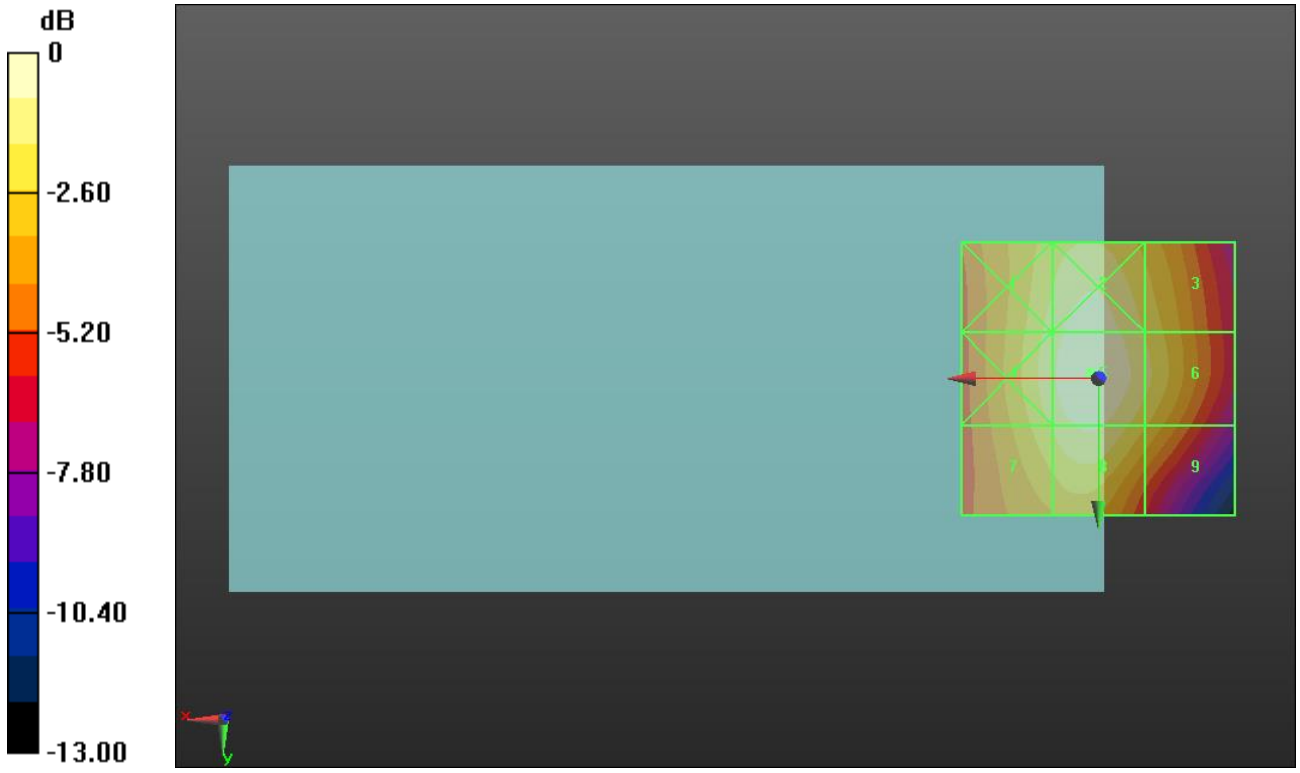
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 104.3 V/m; Power Drift = 0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 38.85 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **37.53 dBV/m**	Grid 2 **M4** **38.5 dBV/m**	Grid 3 **M4** **37.05 dBV/m**
Grid 4 **M4** **37.8 dBV/m**	Grid 5 **M4** **38.85 dBV/m**	Grid 6 **M4** **37.42 dBV/m**
Grid 7 **M4** **37.22 dBV/m**	Grid 8 **M4** **38.14 dBV/m**	Grid 9 **M4** **36.37 dBV/m**



0 dB = 87.57 V/m = 38.85 dBV/m

HAC-RF Emission

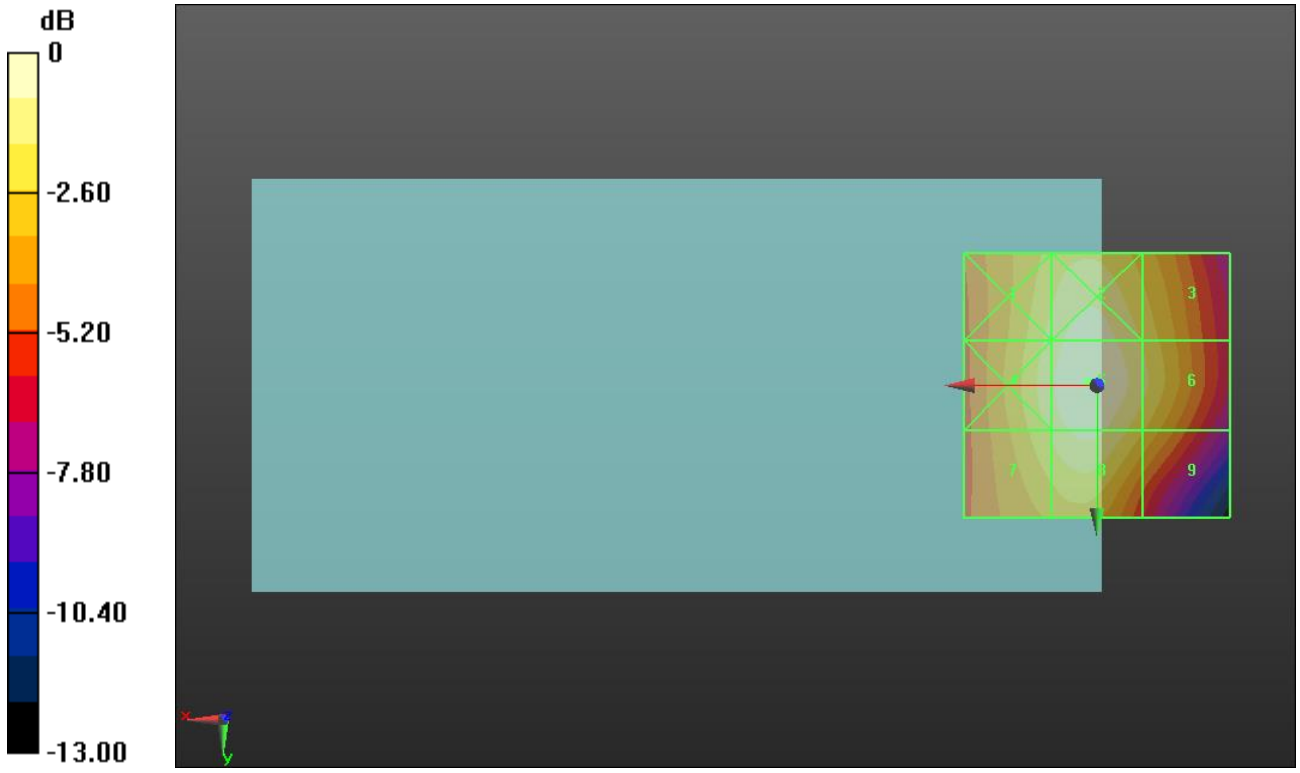
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 110.0 V/m; Power Drift = -0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 39.22 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **37.86 dBV/m**	Grid 2 **M4** **38.82 dBV/m**	Grid 3 **M4** **37.38 dBV/m**
Grid 4 **M4** **38.22 dBV/m**	Grid 5 **M4** **39.22 dBV/m**	Grid 6 **M4** **37.78 dBV/m**
Grid 7 **M4** **37.69 dBV/m**	Grid 8 **M4** **38.58 dBV/m**	Grid 9 **M4** **36.73 dBV/m**



0 dB = 91.37 V/m = 39.22 dBV/m

HAC-RF Emission

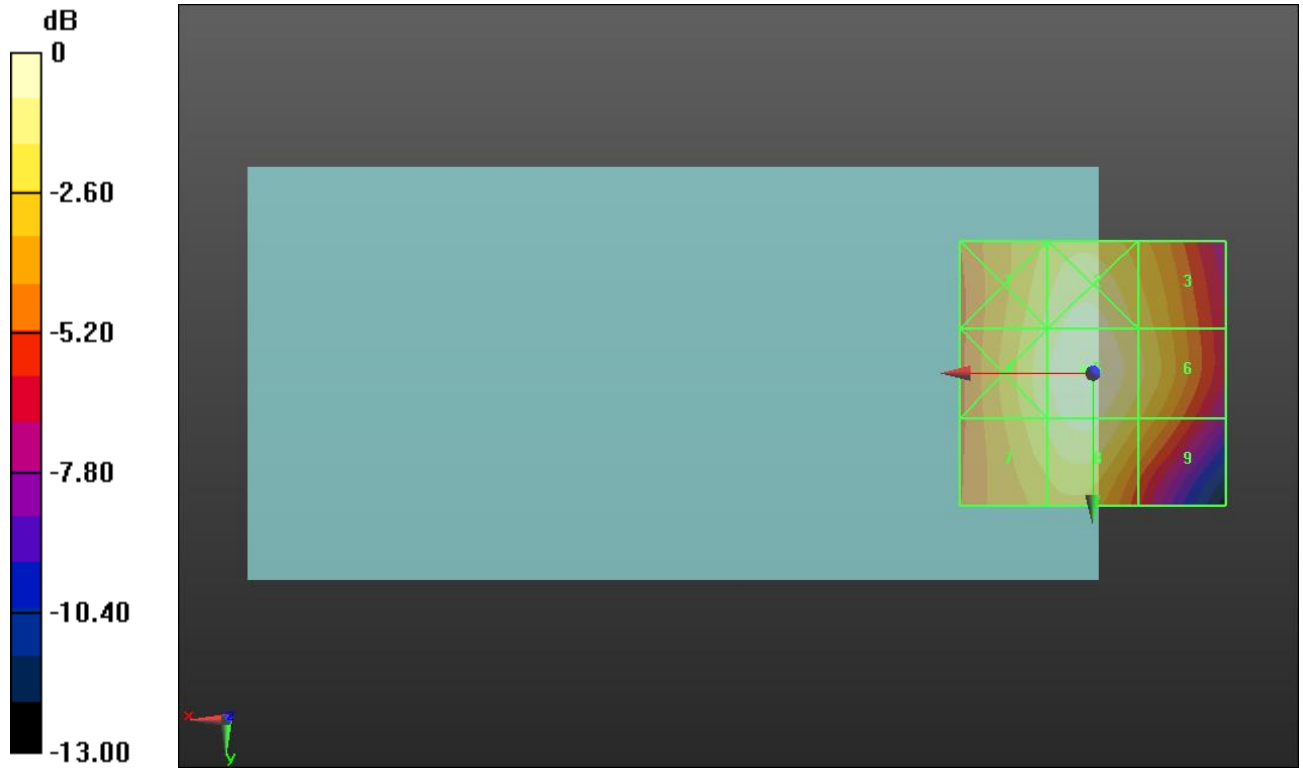
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 110.3 V/m; Power Drift = -0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 39.24 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **37.81 dBV/m**	Grid 2 **M4** **38.78 dBV/m**	Grid 3 **M4** **37.38 dBV/m**
Grid 4 **M4** **38.27 dBV/m**	Grid 5 **M4** **39.24 dBV/m**	Grid 6 **M4** **37.81 dBV/m**
Grid 7 **M4** **37.78 dBV/m**	Grid 8 **M4** **38.67 dBV/m**	Grid 9 **M4** **36.79 dBV/m**



0 dB = 91.65 V/m = 39.24 dBV/m

HAC-RF Emission

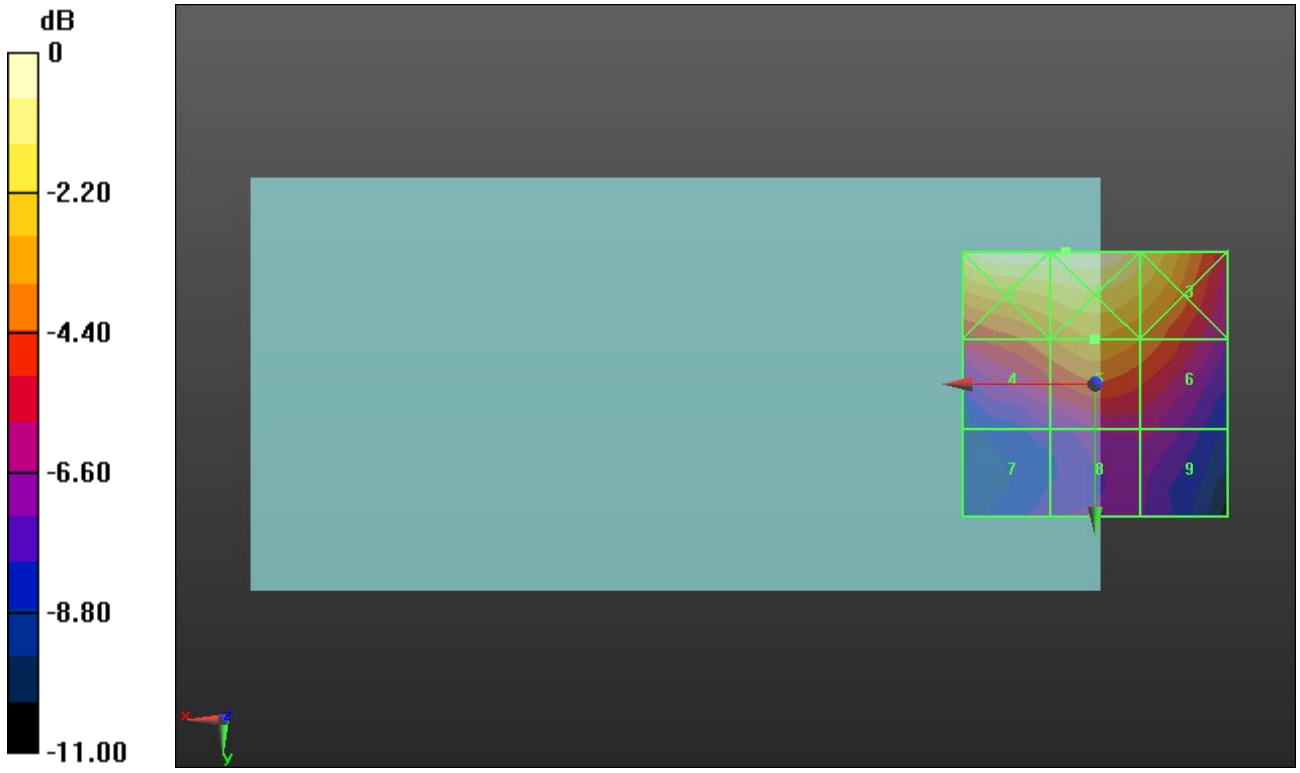
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 20.60 V/m; Power Drift = -0.08 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.85 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **31.76 dBV/m**	Grid 2 **M3** **31.8 dBV/m**	Grid 3 **M3** **30.67 dBV/m**
Grid 4 **M4** **28.07 dBV/m**	Grid 5 **M4** **28.85 dBV/m**	Grid 6 **M4** **28.16 dBV/m**
Grid 7 **M4** **24.34 dBV/m**	Grid 8 **M4** **25.46 dBV/m**	Grid 9 **M4** **25.46 dBV/m**



0 dB = 38.90 V/m = 31.80 dBV/m

HAC-RF Emission

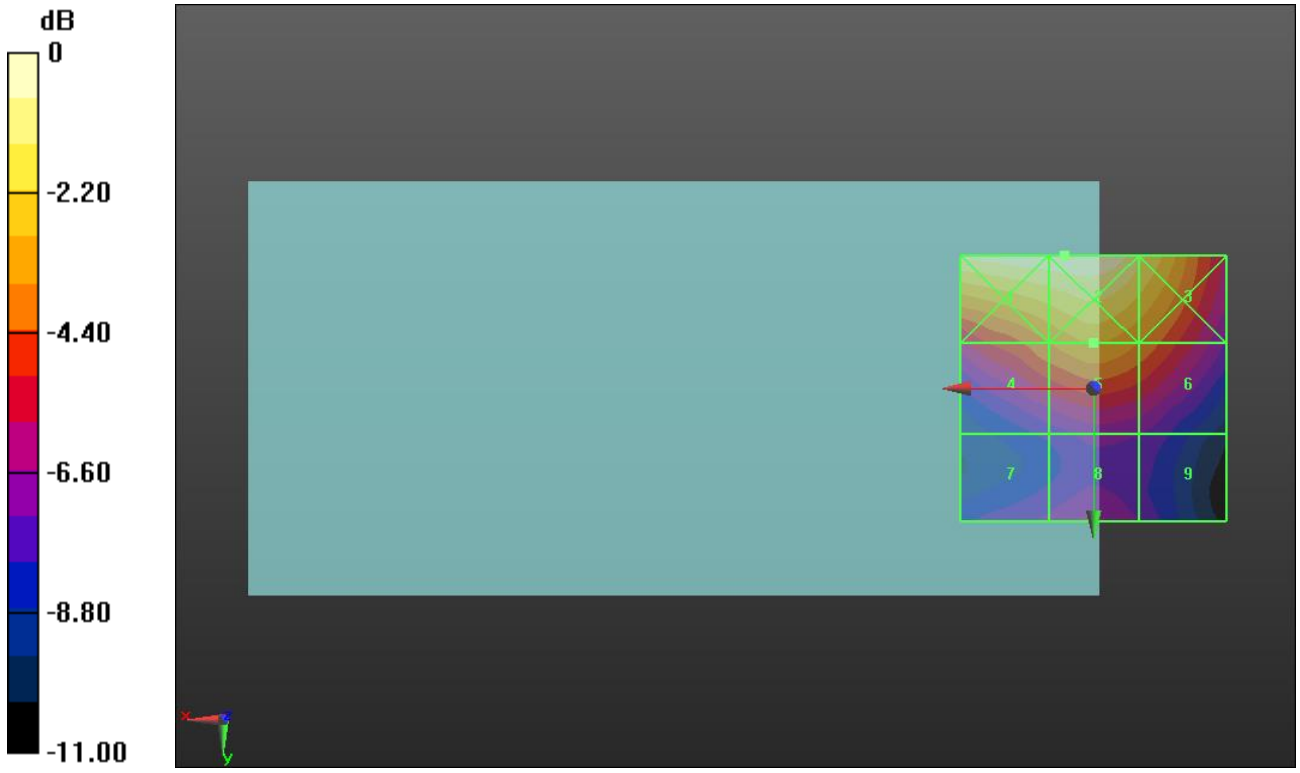
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_ch 661/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 21.59 V/m; Power Drift = 0.22 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.88 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **32.7 dBV/m**	Grid 2 **M3** **32.76 dBV/m**	Grid 3 **M3** **31.59 dBV/m**
Grid 4 **M4** **29.05 dBV/m**	Grid 5 **M4** **29.88 dBV/m**	Grid 6 **M4** **29.08 dBV/m**
Grid 7 **M4** **25.67 dBV/m**	Grid 8 **M4** **26.37 dBV/m**	Grid 9 **M4** **25.5 dBV/m**



0 dB = 43.45 V/m = 32.76 dBV/m

HAC-RF Emission

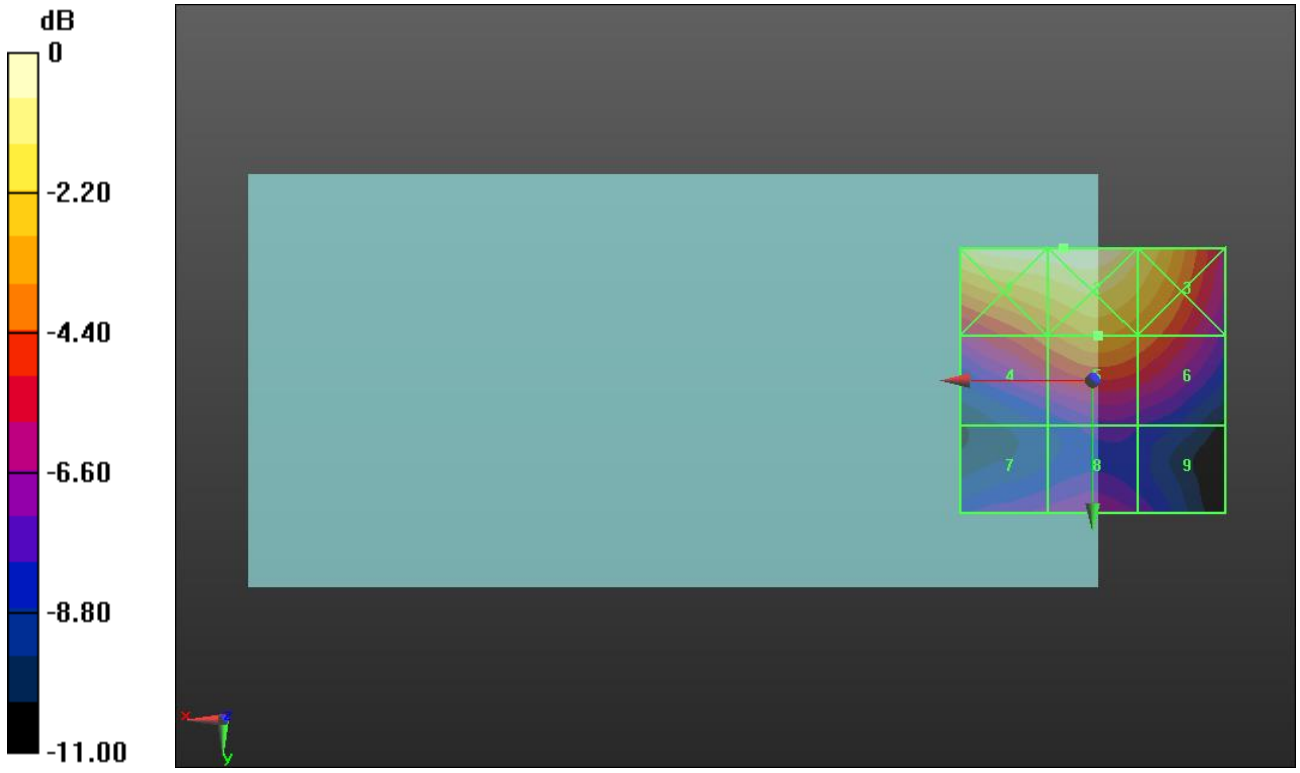
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 21.90 V/m; Power Drift = -0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.05 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **32.87 dBV/m**	Grid 2 **M3** **32.93 dBV/m**	Grid 3 **M3** **31.68 dBV/m**
Grid 4 **M4** **29.03 dBV/m**	Grid 5 **M3** **30.05 dBV/m**	Grid 6 **M4** **29.32 dBV/m**
Grid 7 **M4** **25.98 dBV/m**	Grid 8 **M4** **26.42 dBV/m**	Grid 9 **M4** **25.61 dBV/m**



0 dB = 44.33 V/m = 32.93 dBV/m

HAC-RF Emission

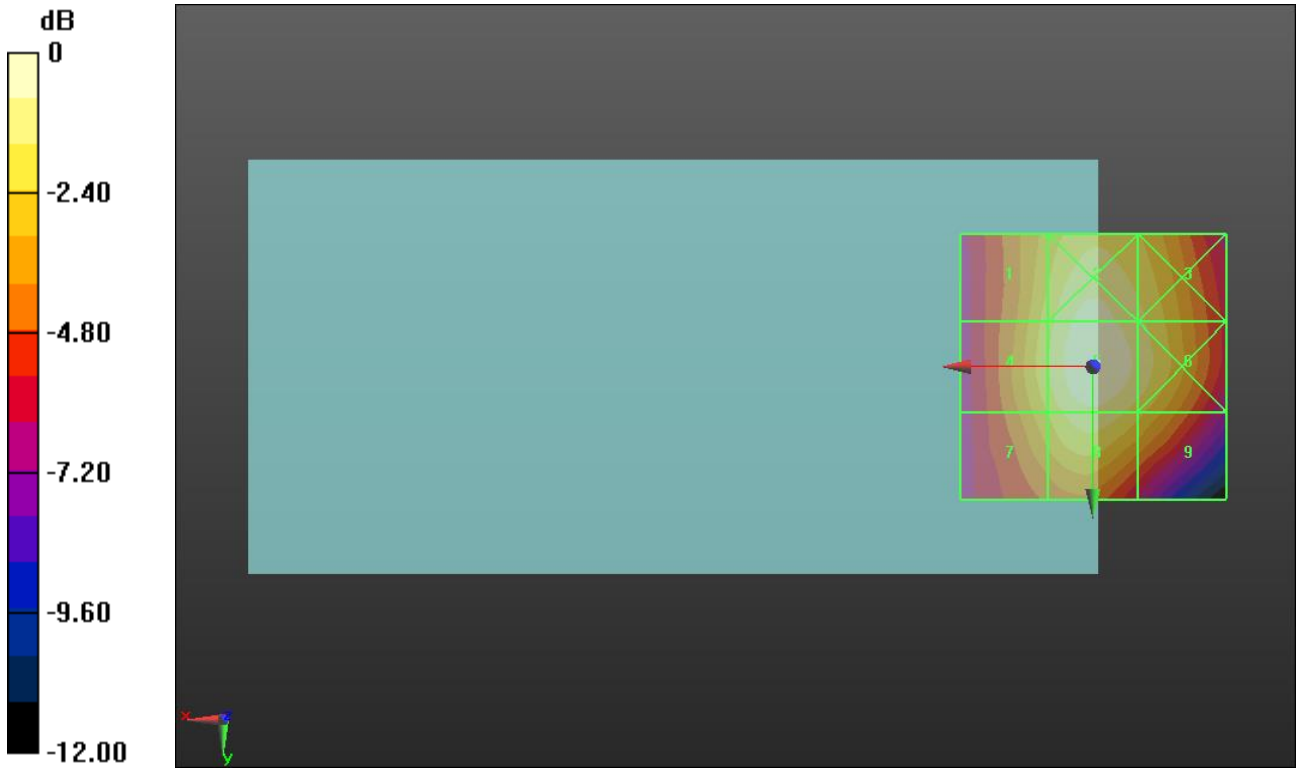
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 824.7 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC0 E-Field measurement/RC1_SO3_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 = 51.14 V/m; Power Drift = 0.22 dB
Applied MIF = 3.26 dB
RF audio interference level = 32.13 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **30.18 dBV/m**	Grid 2 **M4** **31.7 dBV/m**	Grid 3 **M4** **30.79 dBV/m**
Grid 4 **M4** **30.49 dBV/m**	Grid 5 **M4** **32.13 dBV/m**	Grid 6 **M4** **31.14 dBV/m**
Grid 7 **M4** **29.8 dBV/m**	Grid 8 **M4** **31.16 dBV/m**	Grid 9 **M4** **30.05 dBV/m**



0 dB = 40.42 V/m = 32.13 dBV/m

HAC-RF Emission

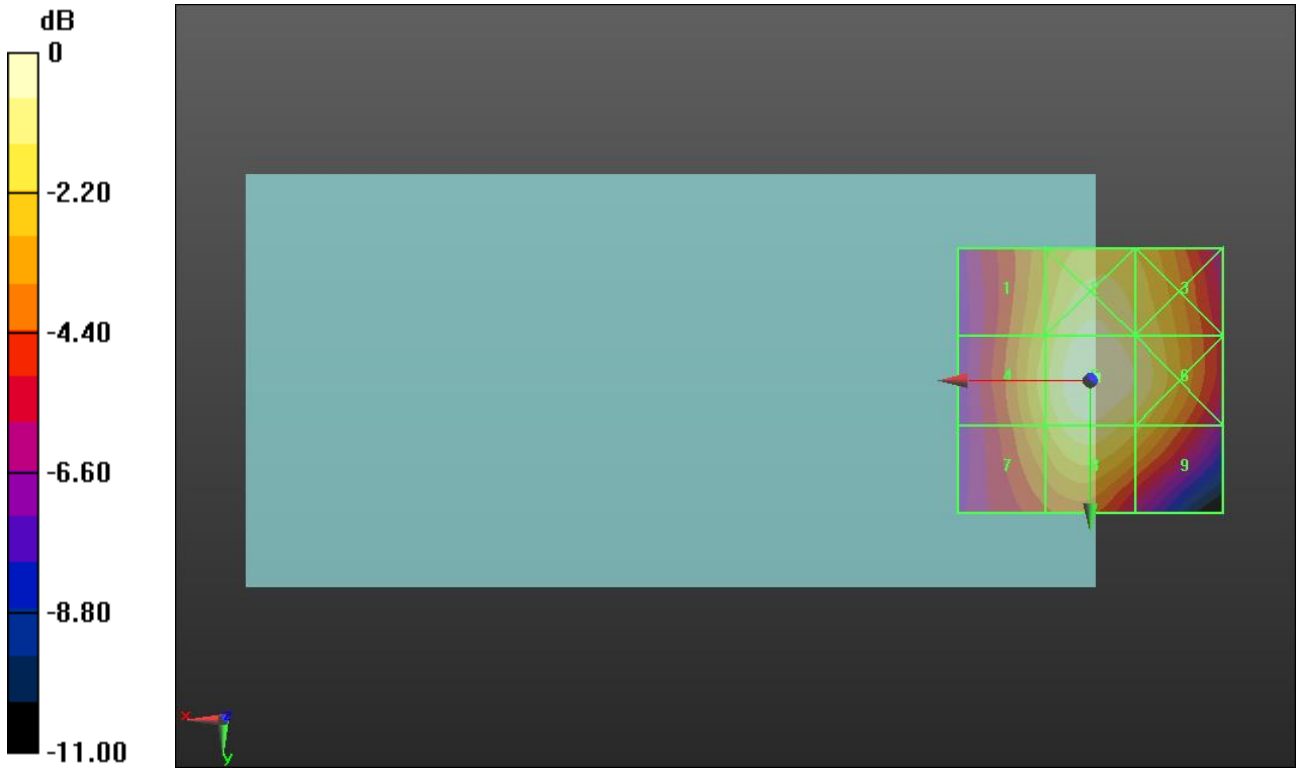
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 836.52 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC0 E-Field measurement/RC1_SO3_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 = 55.33 V/m; Power Drift = -0.03 dB
Applied MIF = 3.26 dB
RF audio interference level = 32.62 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **30.46 dBV/m**	Grid 2 **M4** **32.16 dBV/m**	Grid 3 **M4** **31.36 dBV/m**
Grid 4 **M4** **30.95 dBV/m**	Grid 5 **M4** **32.62 dBV/m**	Grid 6 **M4** **31.86 dBV/m**
Grid 7 **M4** **30.31 dBV/m**	Grid 8 **M4** **31.75 dBV/m**	Grid 9 **M4** **30.74 dBV/m**



0 dB = 42.77 V/m = 32.62 dBV/m

HAC-RF Emission

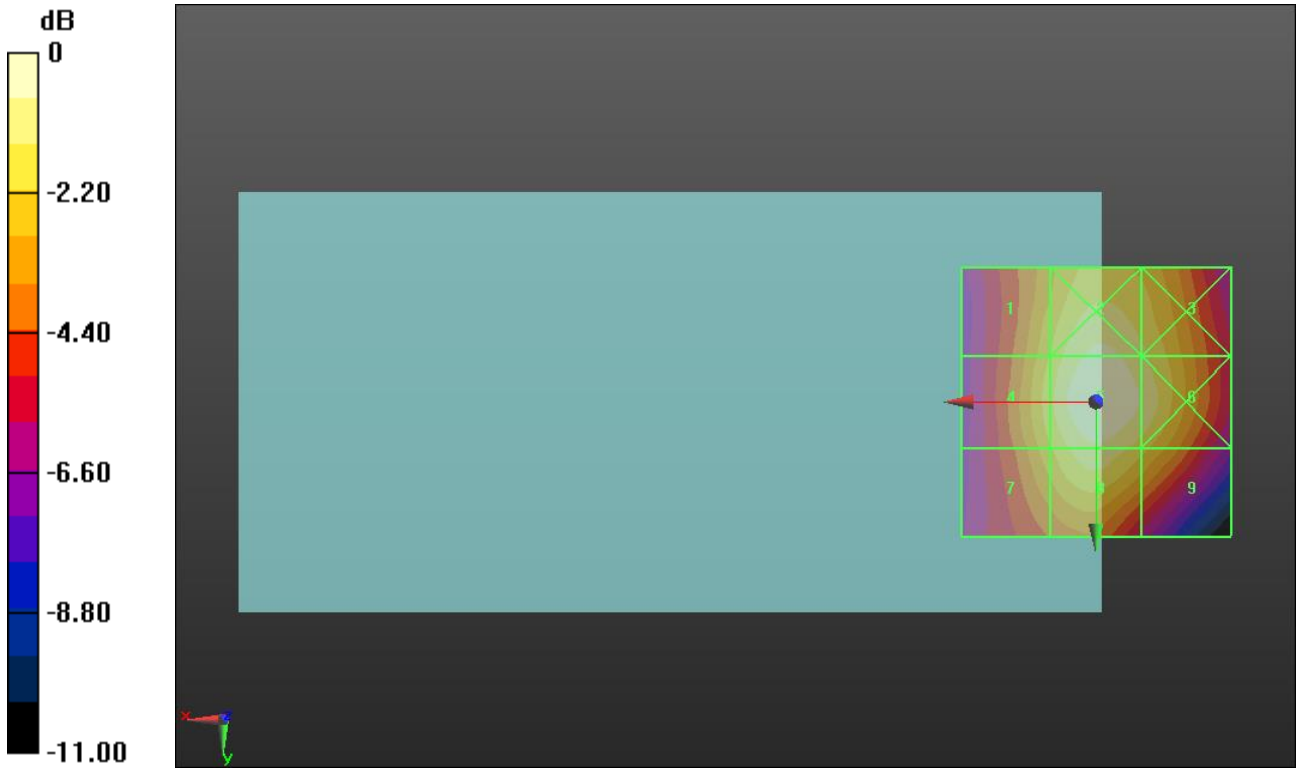
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 848.31 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC0 E-Field measurement/RC1_SO3_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 = 56.11 V/m; Power Drift = 0.06 dB
Applied MIF = 3.26 dB
RF audio interference level = 32.91 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **30.77 dBV/m**	Grid 2 **M4** **32.38 dBV/m**	Grid 3 **M4** **31.65 dBV/m**
Grid 4 **M4** **31.2 dBV/m**	Grid 5 **M4** **32.91 dBV/m**	Grid 6 **M4** **32.11 dBV/m**
Grid 7 **M4** **30.63 dBV/m**	Grid 8 **M4** **32.1 dBV/m**	Grid 9 **M4** **31.01 dBV/m**



0 dB = 44.22 V/m = 32.91 dBV/m

HAC-RF Emission

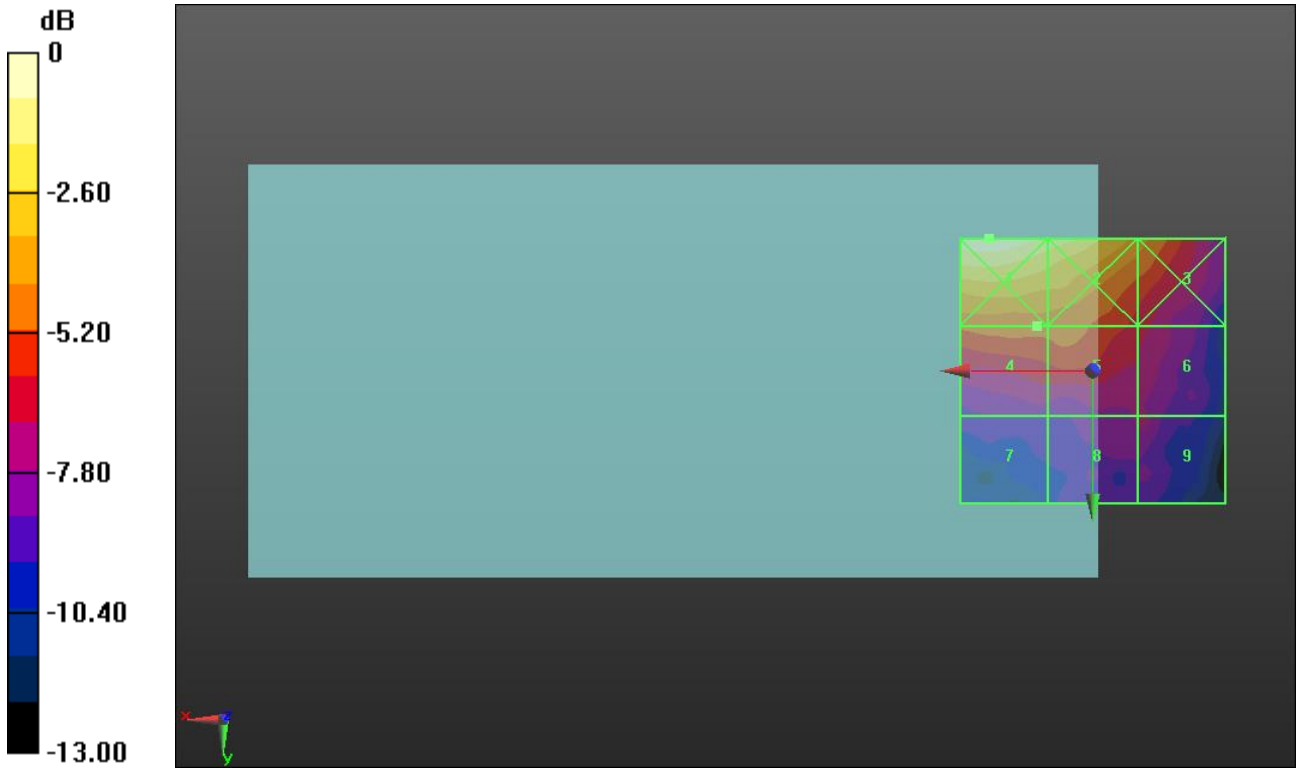
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1851.25 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC1 E-Field measurement/RC1_SO3_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 = 10.81 V/m; Power Drift = 0.16 dB
Applied MIF = 3.26 dB
RF audio interference level = 23.28 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.06 dBV/m**	Grid 2 **M4** **27.04 dBV/m**	Grid 3 **M4** **24.21 dBV/m**
Grid 4 **M4** **23.28 dBV/m**	Grid 5 **M4** **23.27 dBV/m**	Grid 6 **M4** **21.59 dBV/m**
Grid 7 **M4** **19.49 dBV/m**	Grid 8 **M4** **20.43 dBV/m**	Grid 9 **M4** **20.49 dBV/m**



0 dB = 25.29 V/m = 28.06 dBV/m

HAC-RF Emission

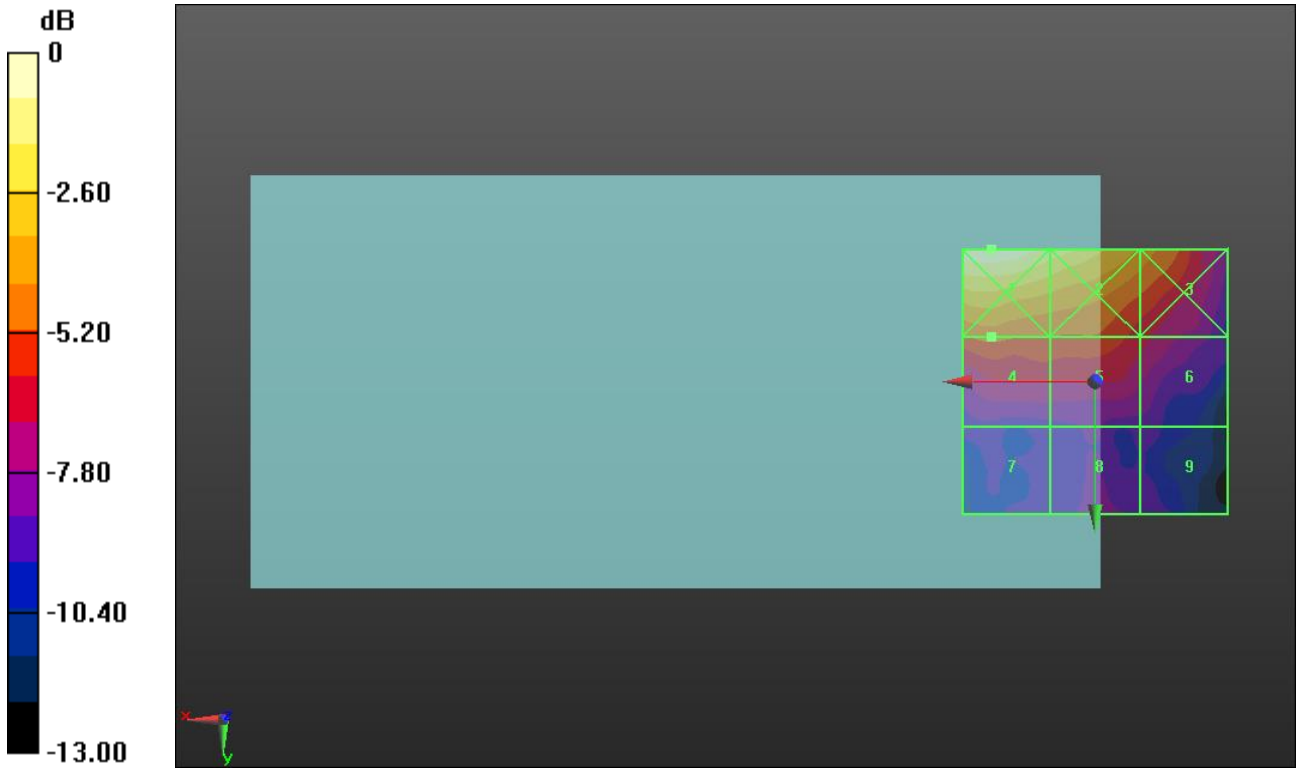
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC1 E-Field measurement/RC1_SO3_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 = 10.92 V/m; Power Drift = -0.07 dB
Applied MIF = 3.26 dB
RF audio interference level = 23.34 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.21 dBV/m**	Grid 2 **M4** **27.13 dBV/m**	Grid 3 **M4** **24.51 dBV/m**
Grid 4 **M4** **23.34 dBV/m**	Grid 5 **M4** **23.01 dBV/m**	Grid 6 **M4** **21.66 dBV/m**
Grid 7 **M4** **19.31 dBV/m**	Grid 8 **M4** **19.84 dBV/m**	Grid 9 **M4** **19.28 dBV/m**



0 dB = 25.72 V/m = 28.21 dBV/m

HAC-RF Emission

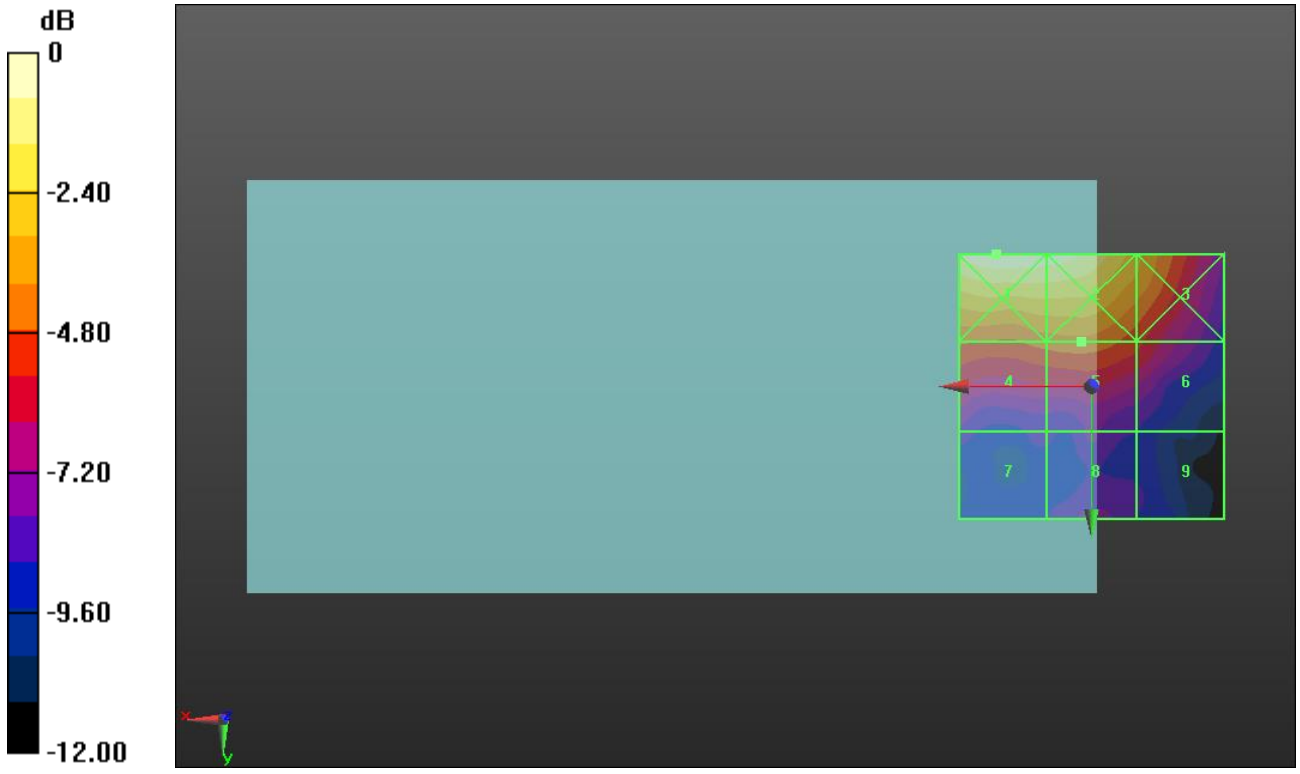
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1908.75 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC1 E-Field measurement/RC1_SO3_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 = -0.06 dB
Applied MIF = 3.26 dB
RF audio interference level = 24.75 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.97 dBV/m**	Grid 2 **M4** **28.73 dBV/m**	Grid 3 **M4** **26.02 dBV/m**
Grid 4 **M4** **24.58 dBV/m**	Grid 5 **M4** **24.75 dBV/m**	Grid 6 **M4** **23.65 dBV/m**
Grid 7 **M4** **20.85 dBV/m**	Grid 8 **M4** **21.47 dBV/m**	Grid 9 **M4** **20.37 dBV/m**



0 dB = 28.09 V/m = 28.97 dBV/m

HAC-RF Emission

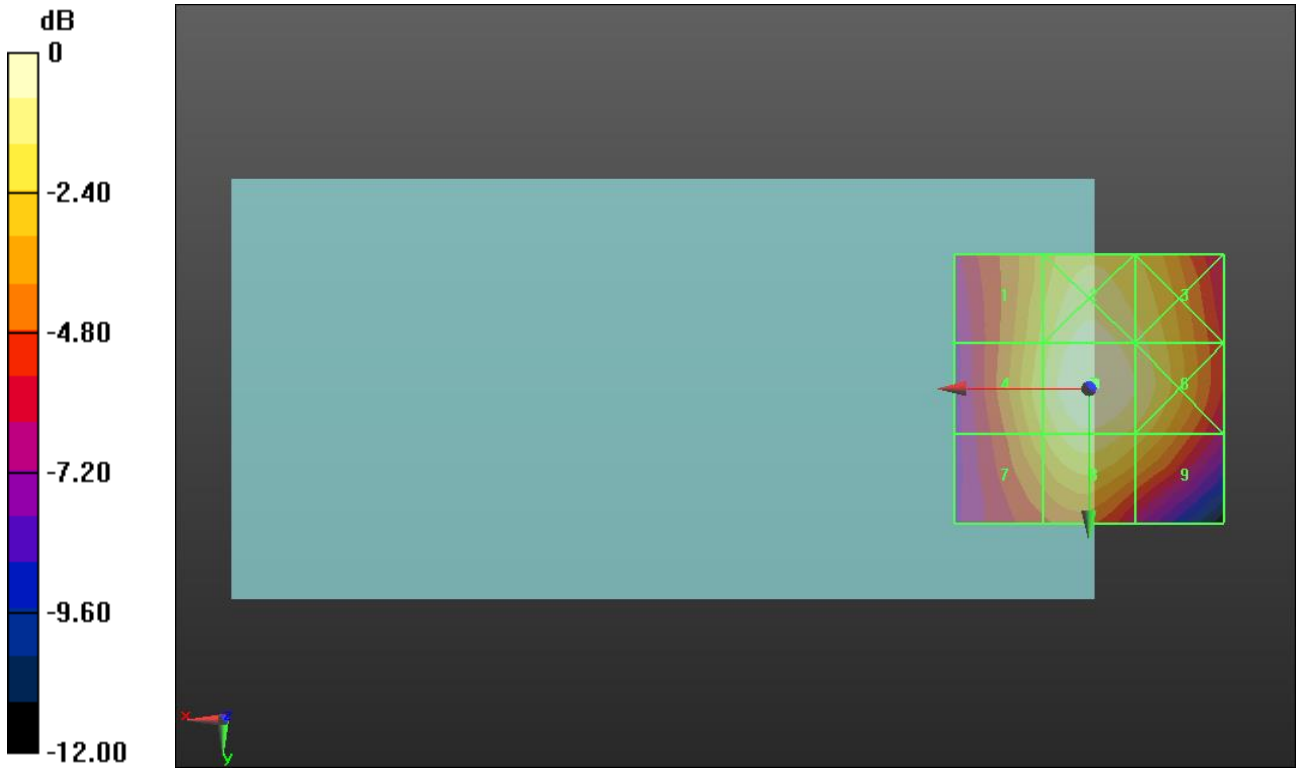
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.3 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 817.3 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC10 E-Field measurement/RC1_SO3_Ch.450/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 = 51.25 V/m; Power Drift = 0.02 dB
Applied MIF = 3.26 dB
RF audio interference level = 31.92 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **29.84 dBV/m**	Grid 2 **M4** **31.47 dBV/m**	Grid 3 **M4** **30.7 dBV/m**
Grid 4 **M4** **30.27 dBV/m**	Grid 5 **M4** **31.92 dBV/m**	Grid 6 **M4** **31.15 dBV/m**
Grid 7 **M4** **29.52 dBV/m**	Grid 8 **M4** **30.95 dBV/m**	Grid 9 **M4** **30.01 dBV/m**



0 dB = 39.45 V/m = 31.92 dBV/m

HAC-RF Emission

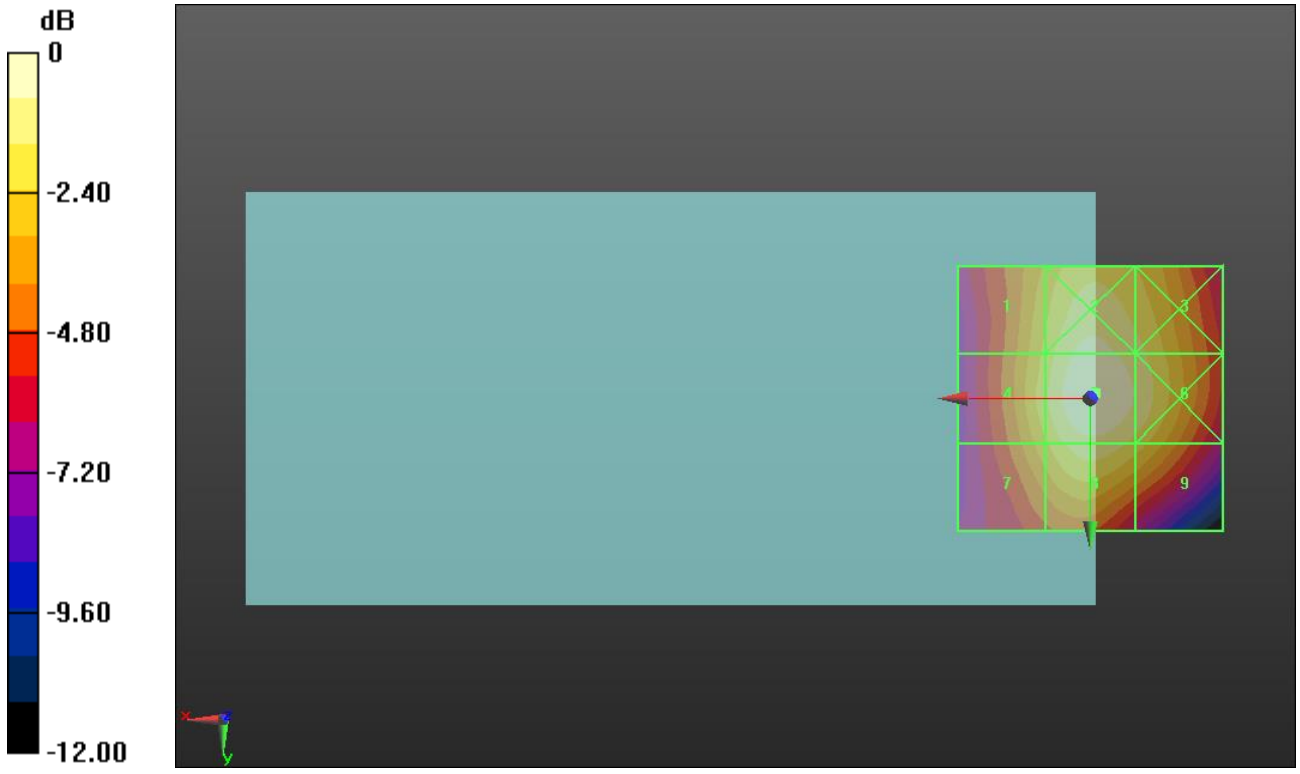
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 820 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC10 E-Field measurement/RC1_SO3_Ch.560/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 = 51.86 V/m; Power Drift = -0.00 dB
Applied MIF = 3.26 dB
RF audio interference level = 32.06 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **29.9 dBV/m**	Grid 2 **M4** **31.56 dBV/m**	Grid 3 **M4** **30.8 dBV/m**
Grid 4 **M4** **30.28 dBV/m**	Grid 5 **M4** **32.06 dBV/m**	Grid 6 **M4** **31.2 dBV/m**
Grid 7 **M4** **29.51 dBV/m**	Grid 8 **M4** **31.06 dBV/m**	Grid 9 **M4** **30.14 dBV/m**



0 dB = 40.07 V/m = 32.06 dBV/m

HAC-RF Emission

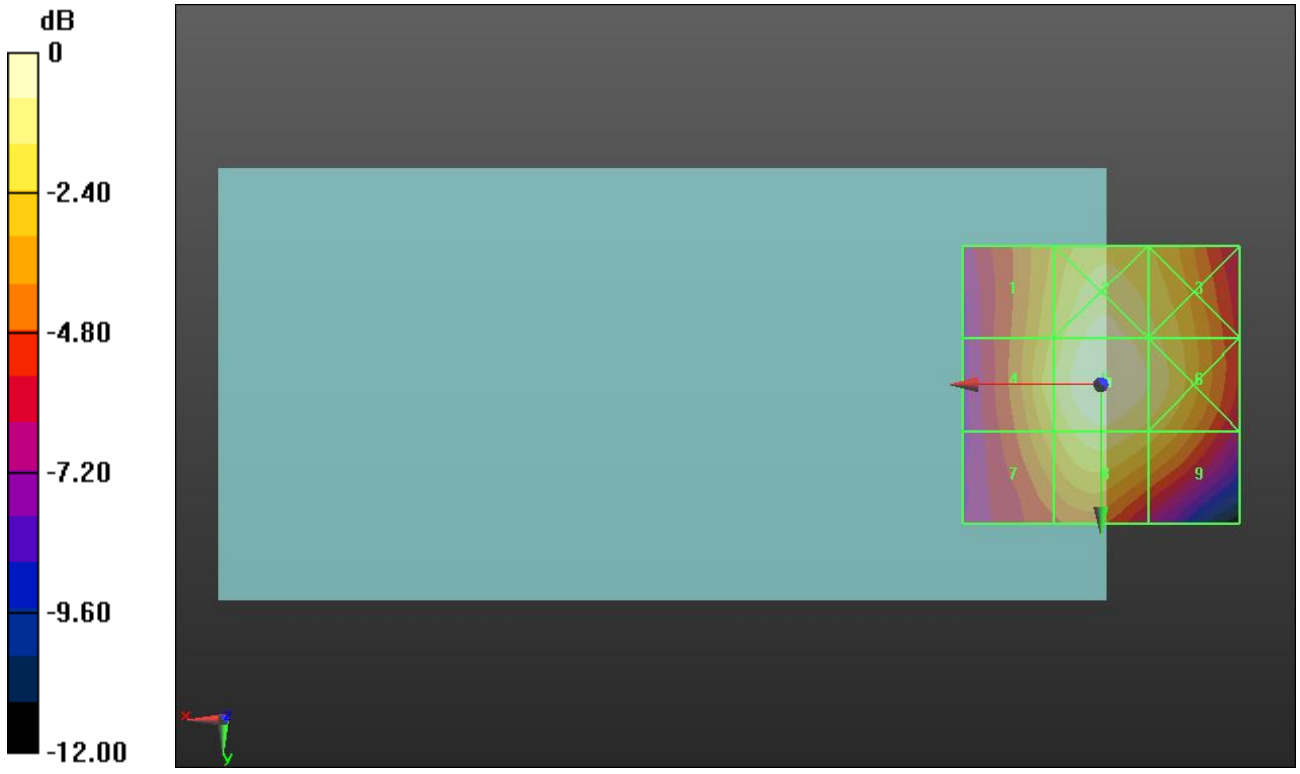
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 822.75 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 822.75 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC10 E-Field measurement/RC1_SO3_Ch.670/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 = 52.56 V/m; Power Drift = -0.03 dB
Applied MIF = 3.26 dB
RF audio interference level = 32.15 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **29.94 dBV/m**	Grid 2 **M4** **31.68 dBV/m**	Grid 3 **M4** **30.9 dBV/m**
Grid 4 **M4** **30.51 dBV/m**	Grid 5 **M4** **32.15 dBV/m**	Grid 6 **M4** **31.35 dBV/m**
Grid 7 **M4** **29.64 dBV/m**	Grid 8 **M4** **31.16 dBV/m**	Grid 9 **M4** **30.24 dBV/m**



0 dB = 40.51 V/m = 32.15 dBV/m

HAC-RF Emission

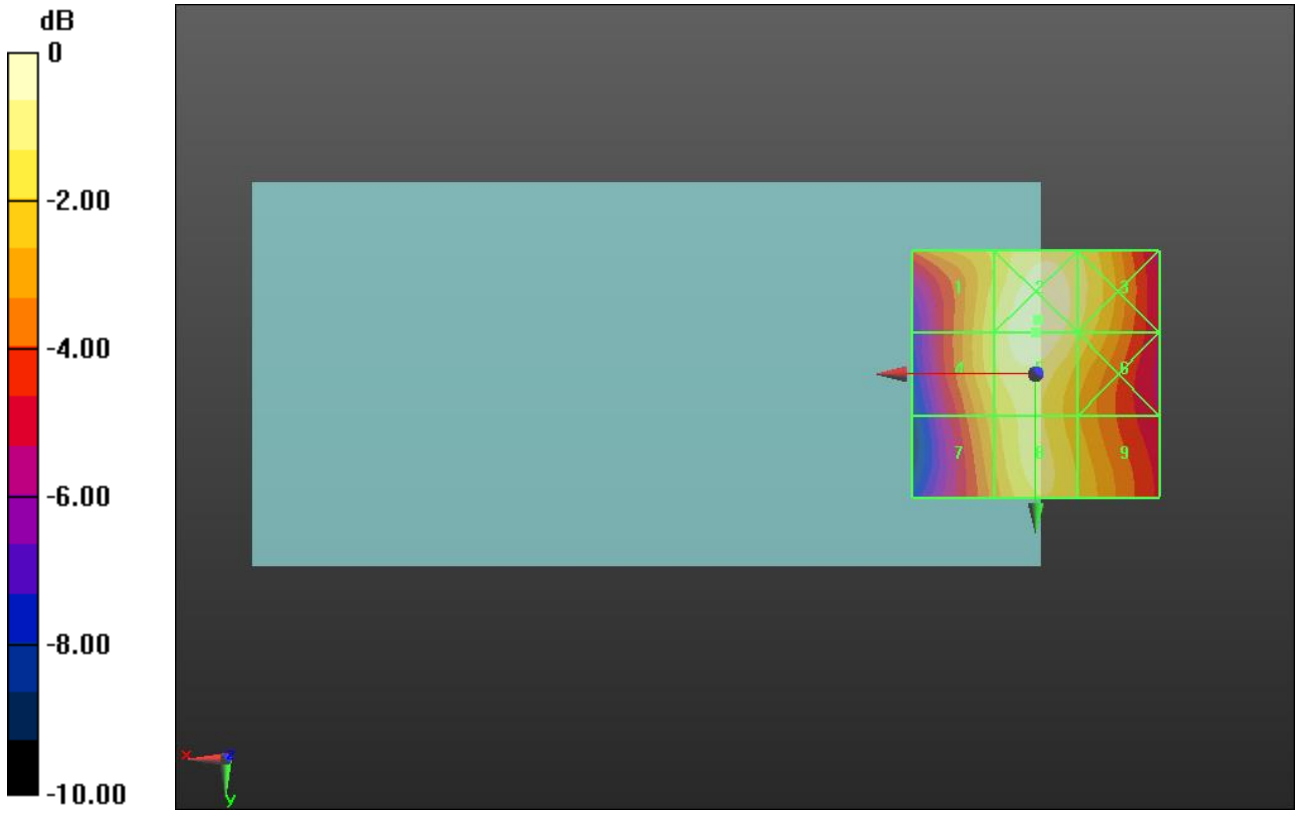
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 43.27 V/m; Power Drift = 0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 29.16 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.9 dBV/m**	Grid 2 **M4** **29.24 dBV/m**	Grid 3 **M4** **28.29 dBV/m**
Grid 4 **M4** **27.91 dBV/m**	Grid 5 **M4** **29.16 dBV/m**	Grid 6 **M4** **27.95 dBV/m**
Grid 7 **M4** **27.04 dBV/m**	Grid 8 **M4** **28.17 dBV/m**	Grid 9 **M4** **27.26 dBV/m**



0 dB = 28.98 V/m = 29.24 dBV/m

HAC-RF Emission

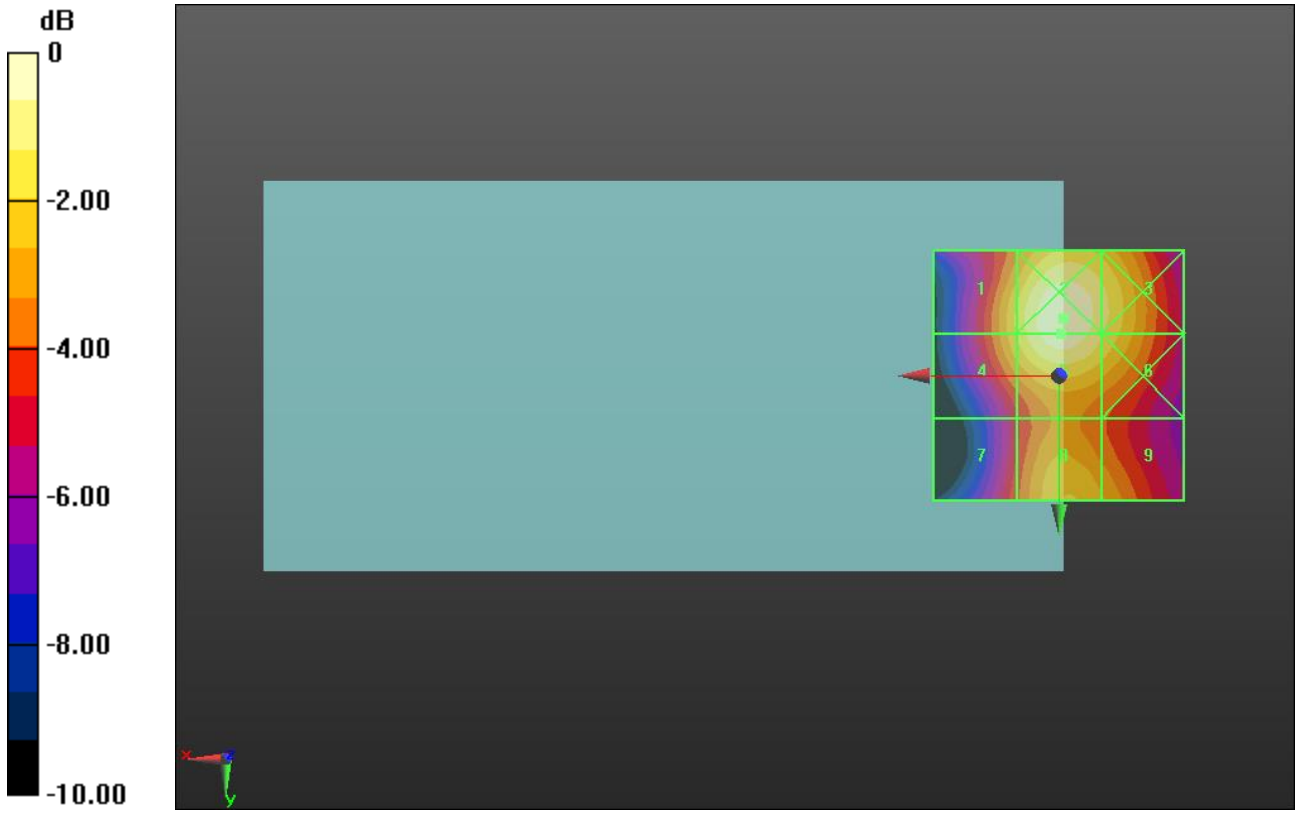
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 40185/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 42.40 V/m; Power Drift = 0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 29.66 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.99 dBV/m**	Grid 2 **M4** **29.84 dBV/m**	Grid 3 **M4** **28.82 dBV/m**
Grid 4 **M4** **27.89 dBV/m**	Grid 5 **M4** **29.66 dBV/m**	Grid 6 **M4** **28.61 dBV/m**
Grid 7 **M4** **25.73 dBV/m**	Grid 8 **M4** **27.9 dBV/m**	Grid 9 **M4** **27.31 dBV/m**



0 dB = 31.05 V/m = 29.84 dBV/m

HAC-RF Emission

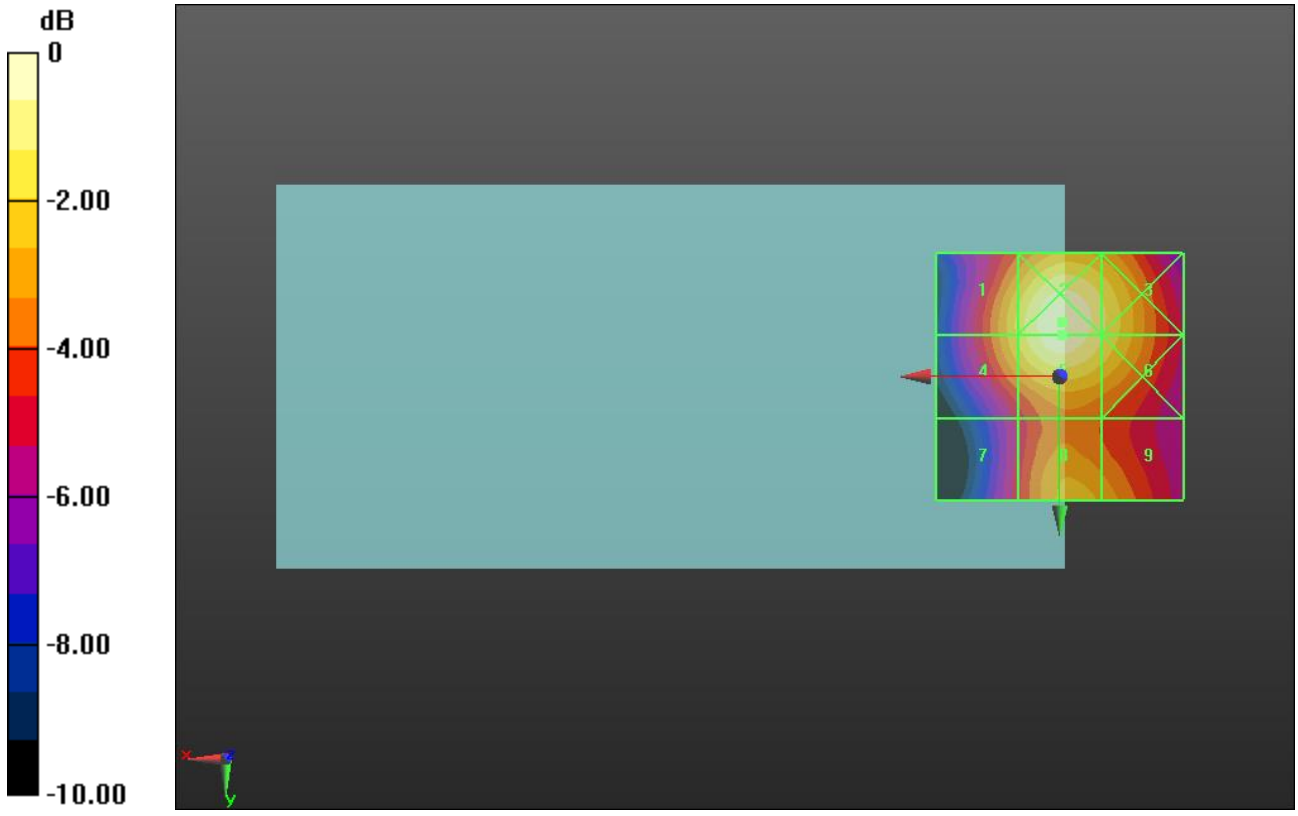
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 49.24 V/m; Power Drift = 0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 30.83 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **29.17 dBV/m**	Grid 2 **M3** **30.94 dBV/m**	Grid 3 **M4** **29.81 dBV/m**
Grid 4 **M4** **29.1 dBV/m**	Grid 5 **M3** **30.83 dBV/m**	Grid 6 **M4** **29.71 dBV/m**
Grid 7 **M4** **26.13 dBV/m**	Grid 8 **M4** **28.56 dBV/m**	Grid 9 **M4** **28.12 dBV/m**



0 dB = 35.24 V/m = 30.94 dBV/m

HAC-RF Emission

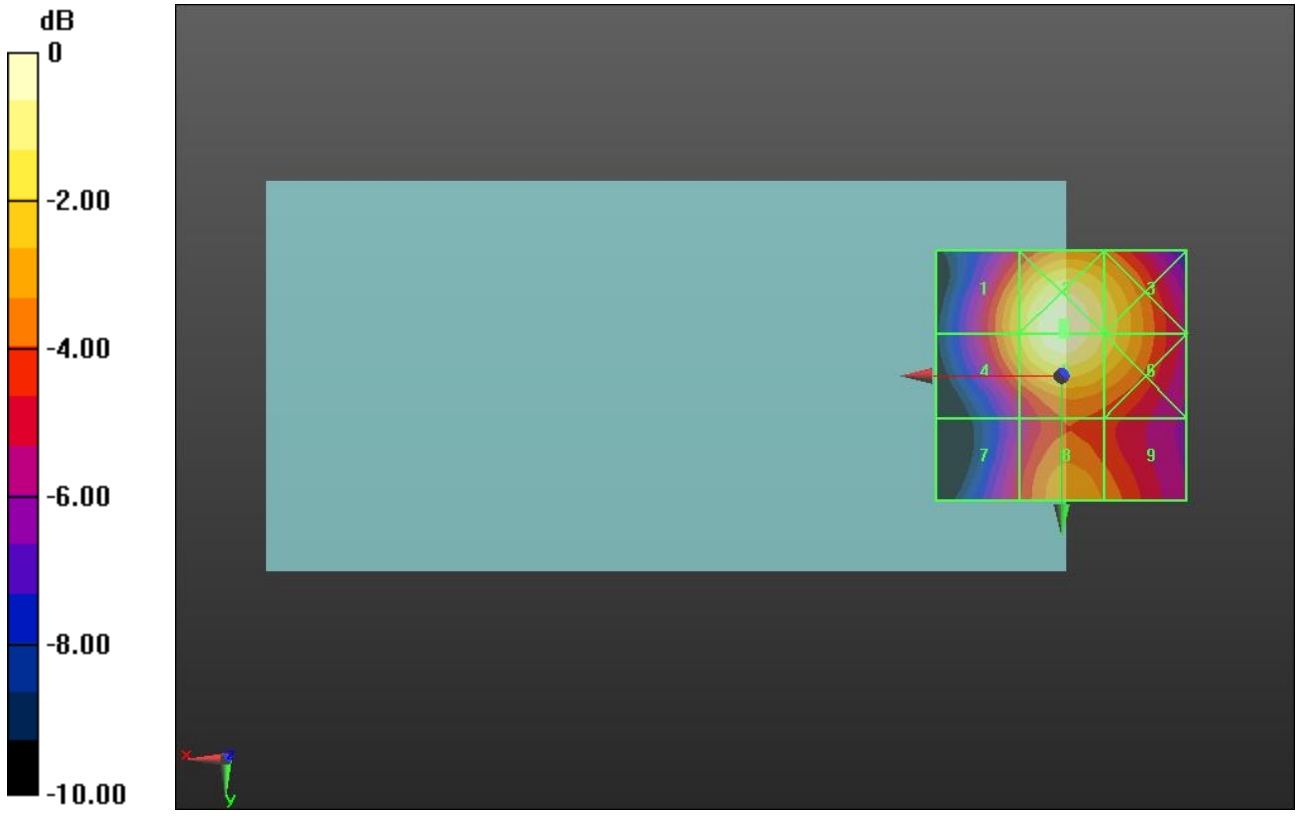
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 41055/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 50.89 V/m; Power Drift = -0.00 dB
Applied MIF = -1.44 dB
RF audio interference level = 30.82 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **29.02 dBV/m**	Grid 2 **M3** **30.89 dBV/m**	Grid 3 **M4** **29.55 dBV/m**
Grid 4 **M4** **28.97 dBV/m**	Grid 5 **M3** **30.82 dBV/m**	Grid 6 **M4** **29.51 dBV/m**
Grid 7 **M4** **26.15 dBV/m**	Grid 8 **M4** **28.12 dBV/m**	Grid 9 **M4** **27.52 dBV/m**



0 dB = 35.05 V/m = 30.89 dBV/m

HAC-RF Emission

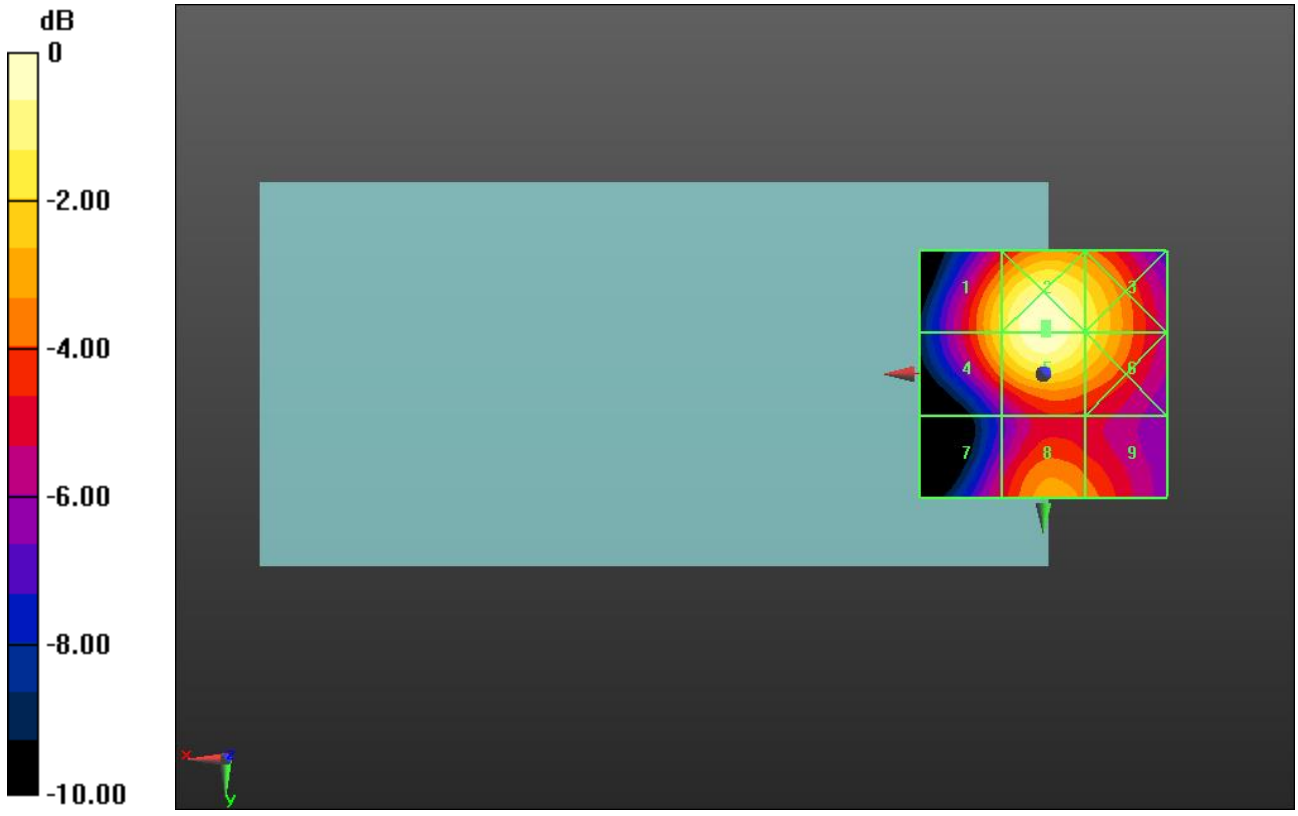
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 49.96 V/m; Power Drift = -0.00 dB
Applied MIF = -1.44 dB
RF audio interference level = 30.47 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **28.75 dBV/m**	Grid 2 **M3** **30.52 dBV/m**	Grid 3 **M4** **29.14 dBV/m**
Grid 4 **M4** **28.7 dBV/m**	Grid 5 **M3** **30.47 dBV/m**	Grid 6 **M4** **29.09 dBV/m**
Grid 7 **M4** **25.5 dBV/m**	Grid 8 **M4** **27.58 dBV/m**	Grid 9 **M4** **26.99 dBV/m**



0 dB = 33.57 V/m = 30.52 dBV/m

HAC-RF Emission

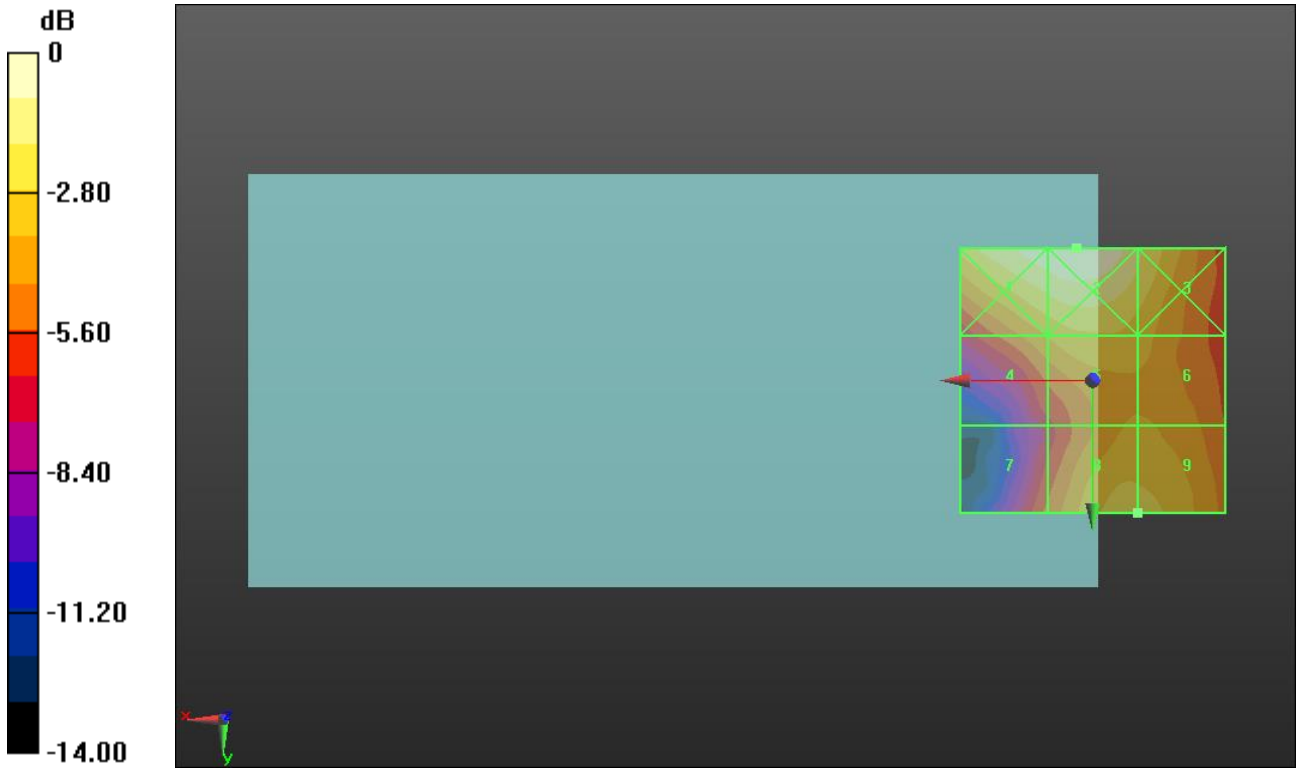
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 15.41 V/m; Power Drift = -0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 26.86 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **29.02 dBV/m**	Grid 2 **M4** **29.25 dBV/m**	Grid 3 **M4** **27.62 dBV/m**
Grid 4 **M4** **25.61 dBV/m**	Grid 5 **M4** **26.42 dBV/m**	Grid 6 **M4** **25.98 dBV/m**
Grid 7 **M4** **24 dBV/m**	Grid 8 **M4** **26.86 dBV/m**	Grid 9 **M4** **26.86 dBV/m**



0 dB = 29.02 V/m = 29.25 dBV/m

HAC-RF Emission

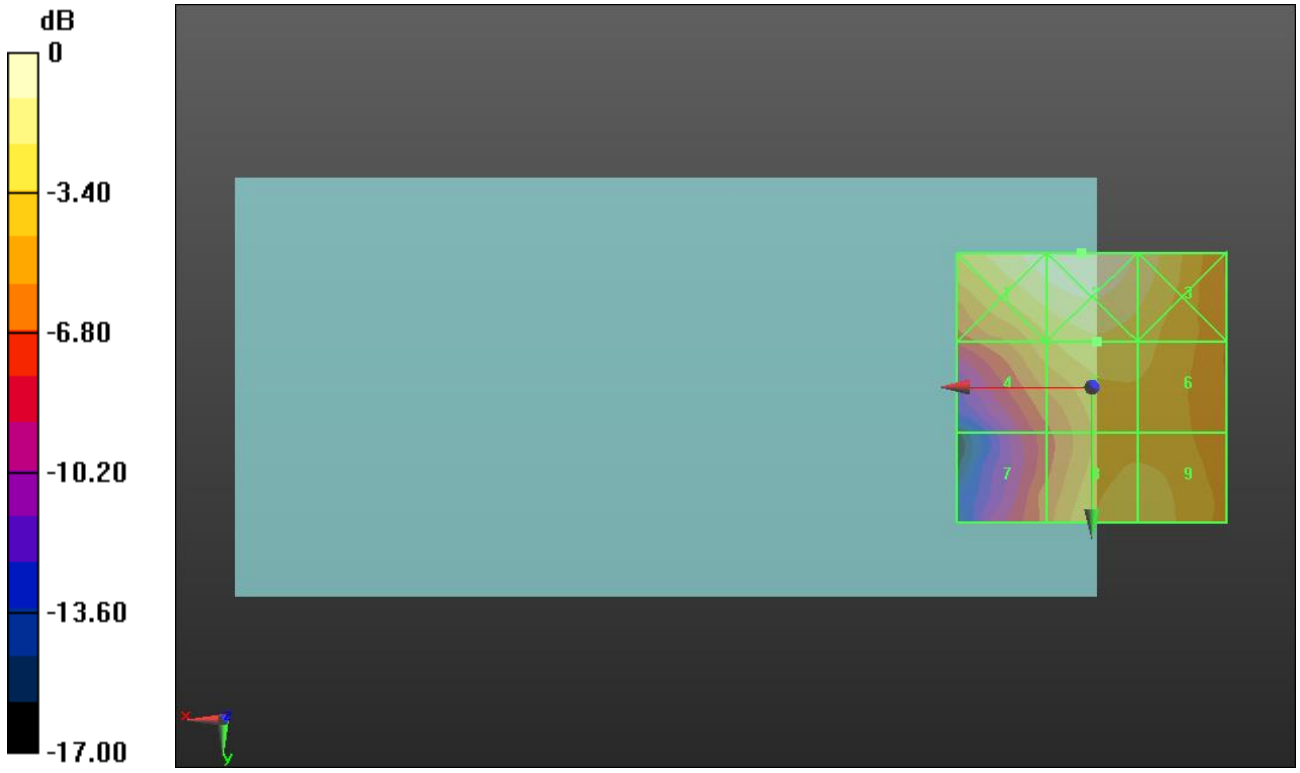
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 16.12 V/m; Power Drift = 0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 26.85 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.98 dBV/m**	Grid 2 **M4** **29.33 dBV/m**	Grid 3 **M4** **28 dBV/m**
Grid 4 **M4** **25.62 dBV/m**	Grid 5 **M4** **26.85 dBV/m**	Grid 6 **M4** **26.46 dBV/m**
Grid 7 **M4** **23.09 dBV/m**	Grid 8 **M4** **26.64 dBV/m**	Grid 9 **M4** **26.59 dBV/m**



0 dB = 29.29 V/m = 29.33 dBV/m

HAC-RF Emission

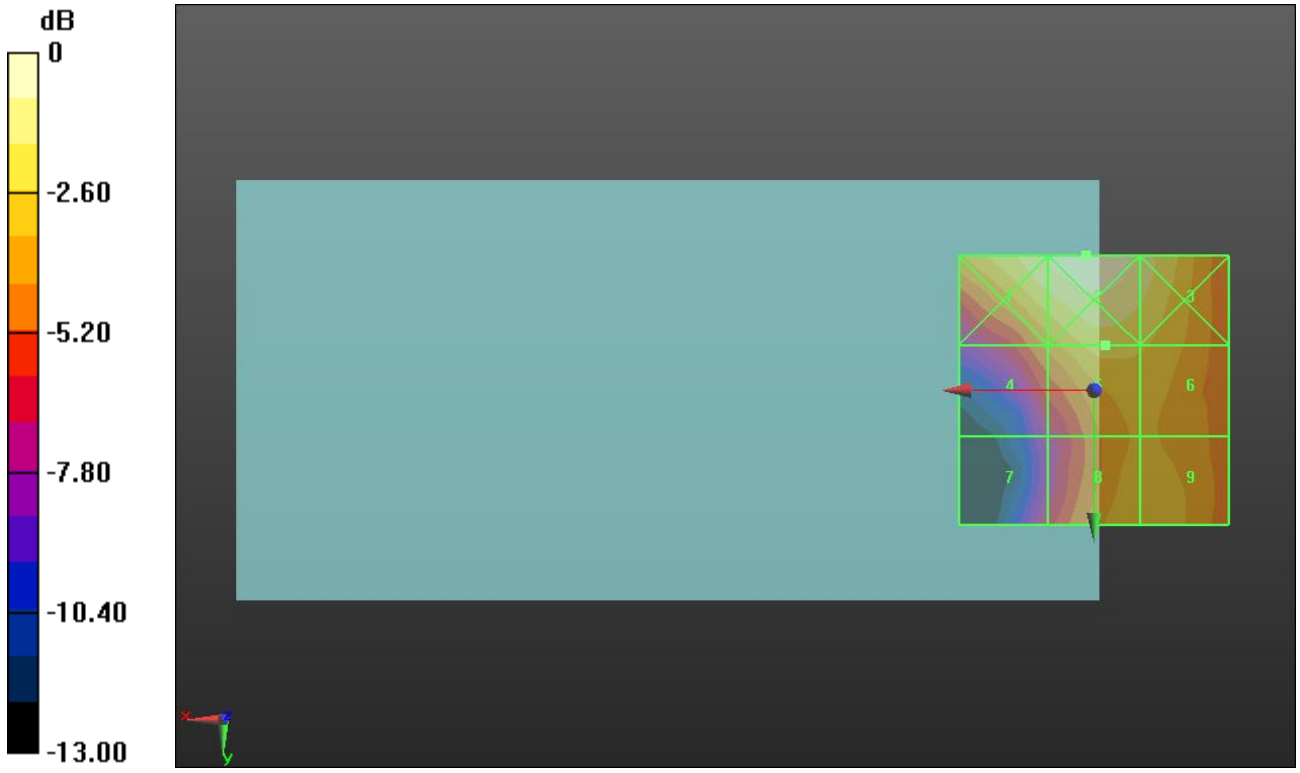
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_ch 810/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 16.22 V/m; Power Drift = -0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 27.19 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.68 dBV/m**	Grid 2 **M4** **29.37 dBV/m**	Grid 3 **M4** **28.21 dBV/m**
Grid 4 **M4** **25.4 dBV/m**	Grid 5 **M4** **27.19 dBV/m**	Grid 6 **M4** **26.92 dBV/m**
Grid 7 **M4** **22.99 dBV/m**	Grid 8 **M4** **26.72 dBV/m**	Grid 9 **M4** **26.72 dBV/m**



0 dB = 29.41 V/m = 29.37 dBV/m

HAC-RF Emission

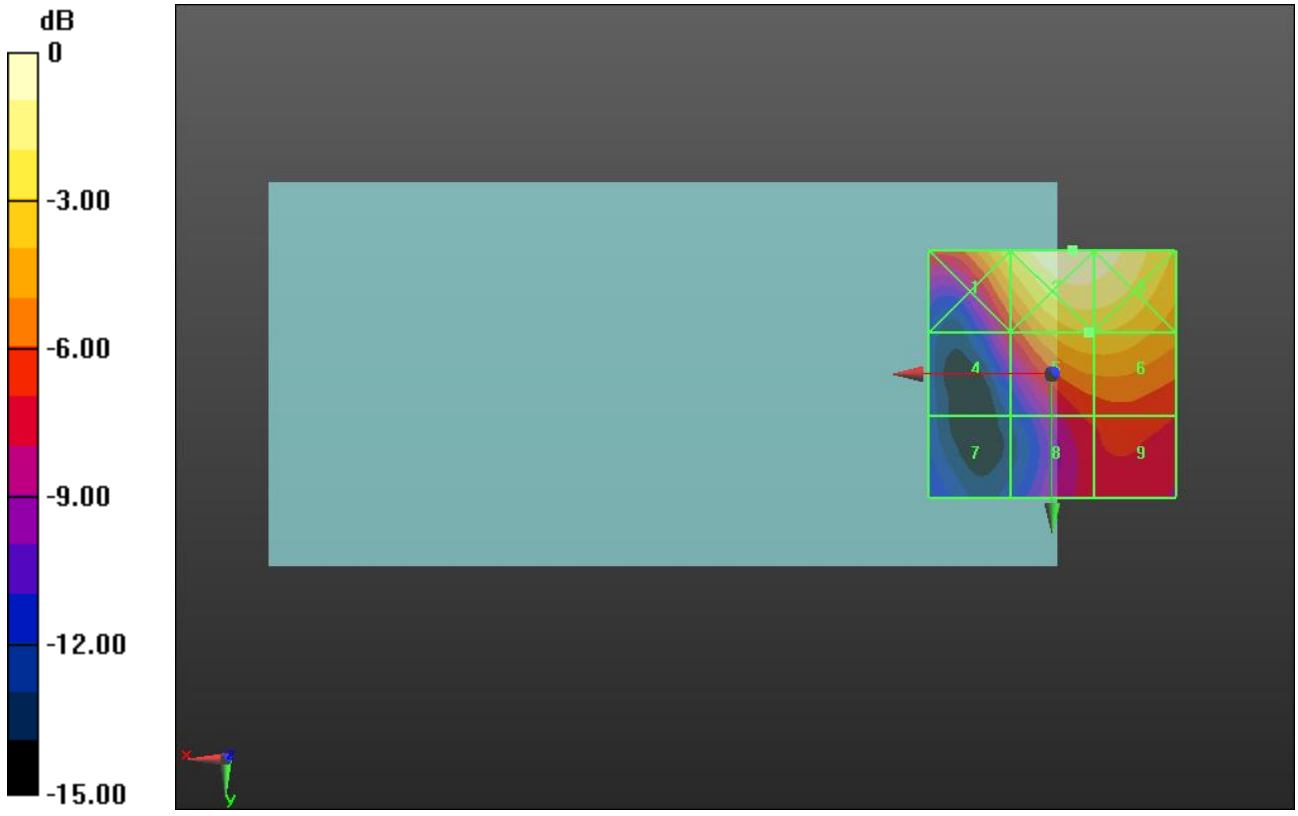
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 15.10 V/m; Power Drift = -0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.42 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.22 dBV/m**	Grid 2 **M4** **26.38 dBV/m**	Grid 3 **M4** **26.12 dBV/m**
Grid 4 **M4** **19.35 dBV/m**	Grid 5 **M4** **23.42 dBV/m**	Grid 6 **M4** **23.41 dBV/m**
Grid 7 **M4** **15.4 dBV/m**	Grid 8 **M4** **19.68 dBV/m**	Grid 9 **M4** **20.03 dBV/m**



0 dB = 20.85 V/m = 26.38 dBV/m

HAC-RF Emission

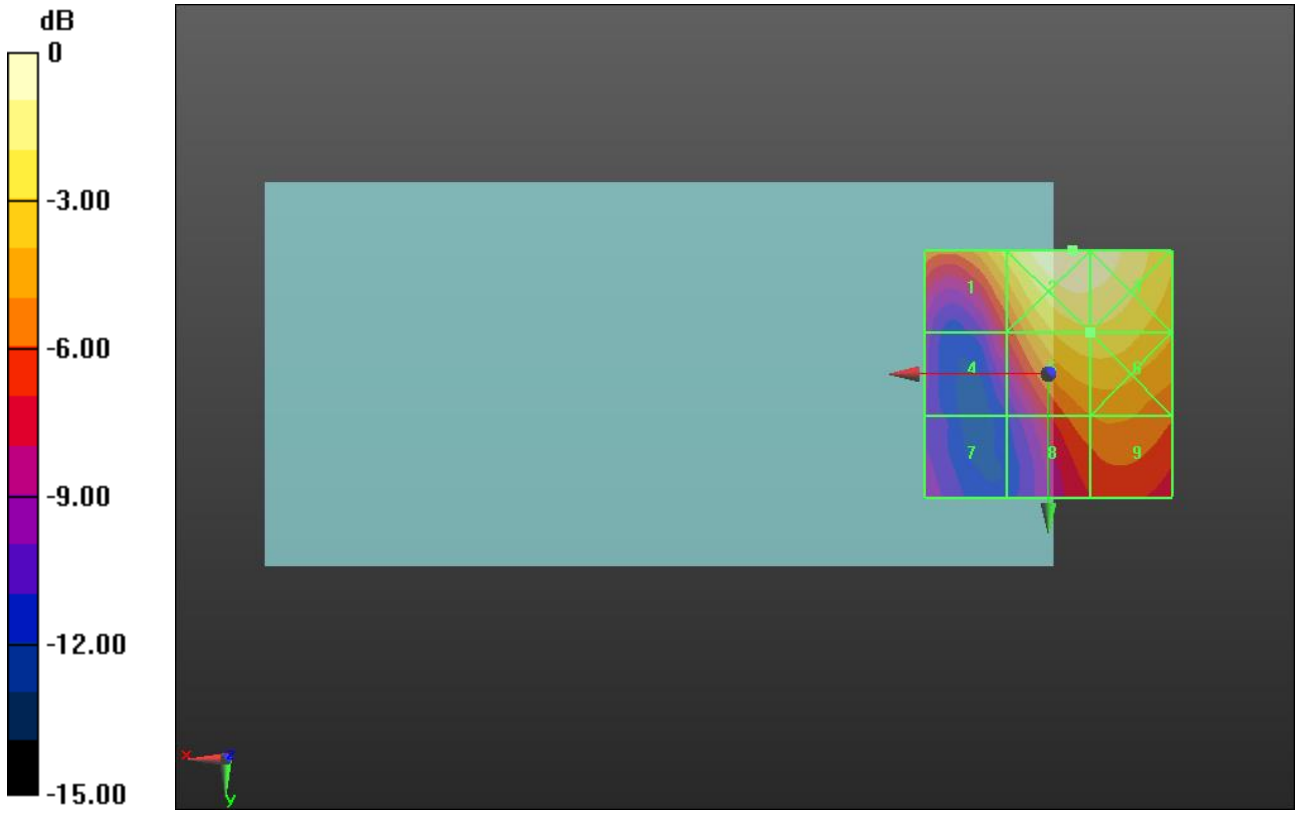
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 40185/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 18.32 V/m; Power Drift = 0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.57 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.34 dBV/m**	Grid 2 **M4** **26.79 dBV/m**	Grid 3 **M4** **26.56 dBV/m**
Grid 4 **M4** **19.87 dBV/m**	Grid 5 **M4** **24.57 dBV/m**	Grid 6 **M4** **24.57 dBV/m**
Grid 7 **M4** **17.47 dBV/m**	Grid 8 **M4** **21.76 dBV/m**	Grid 9 **M4** **22.01 dBV/m**



0 dB = 21.85 V/m = 26.79 dBV/m

HAC-RF Emission

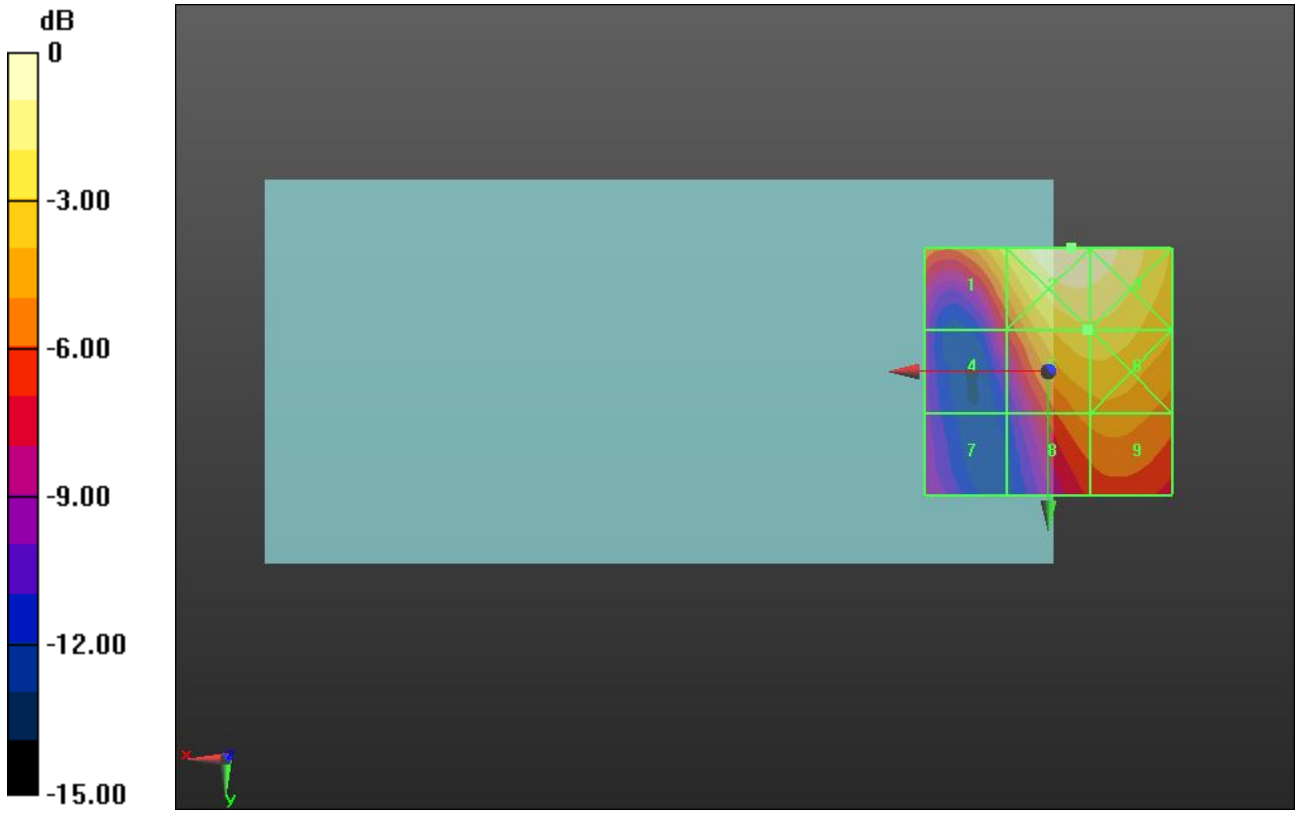
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 19.41 V/m; Power Drift = 0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.62 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.44 dBV/m**	Grid 2 **M4** **26.84 dBV/m**	Grid 3 **M4** **26.55 dBV/m**
Grid 4 **M4** **19.78 dBV/m**	Grid 5 **M4** **24.62 dBV/m**	Grid 6 **M4** **24.62 dBV/m**
Grid 7 **M4** **18.12 dBV/m**	Grid 8 **M4** **22.29 dBV/m**	Grid 9 **M4** **22.5 dBV/m**



0 dB = 21.98 V/m = 26.84 dBV/m

HAC-RF Emission

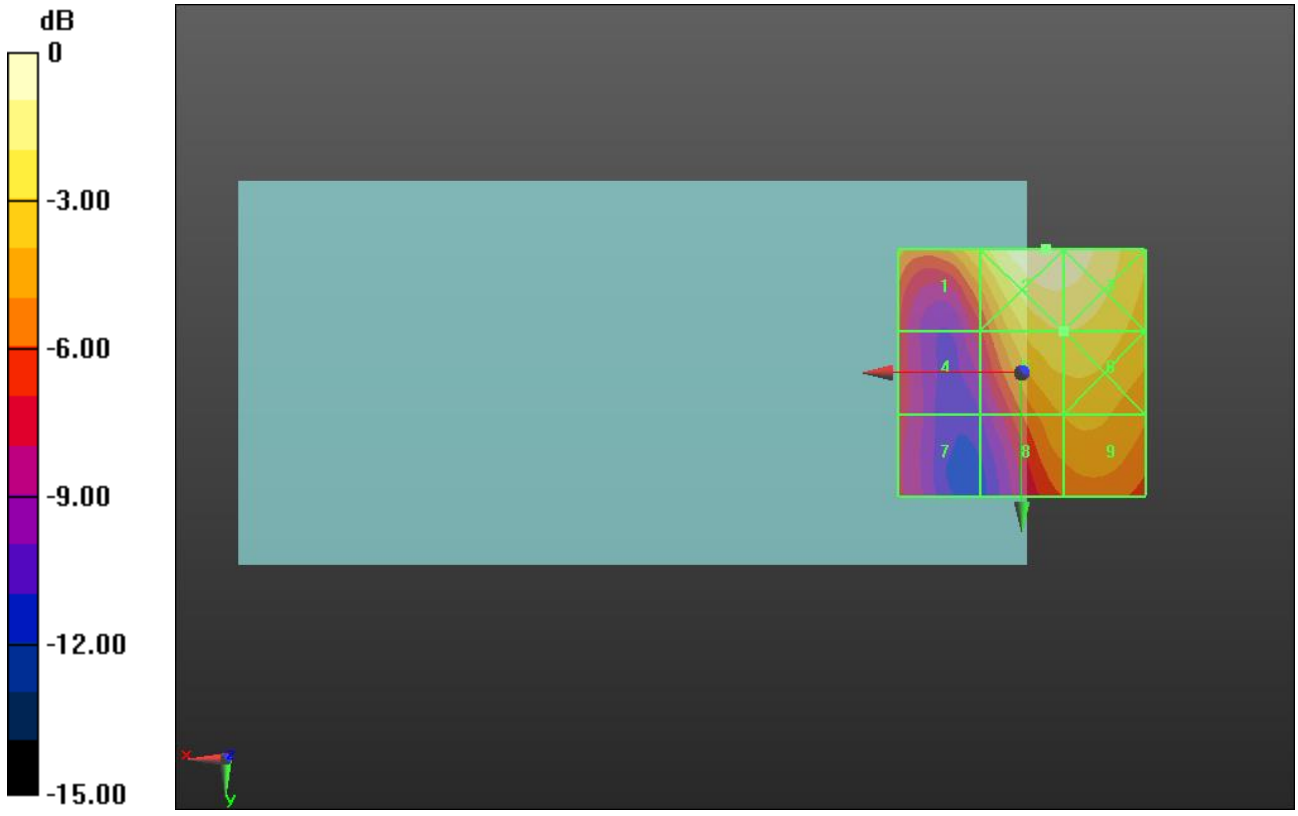
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 41055/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 18.57 V/m; Power Drift = 0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.47 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.8 dBV/m**	Grid 2 **M4** **26.49 dBV/m**	Grid 3 **M4** **26.27 dBV/m**
Grid 4 **M4** **19.7 dBV/m**	Grid 5 **M4** **24.47 dBV/m**	Grid 6 **M4** **24.47 dBV/m**
Grid 7 **M4** **19.03 dBV/m**	Grid 8 **M4** **22.56 dBV/m**	Grid 9 **M4** **22.79 dBV/m**



0 dB = 21.11 V/m = 26.49 dBV/m

HAC-RF Emission

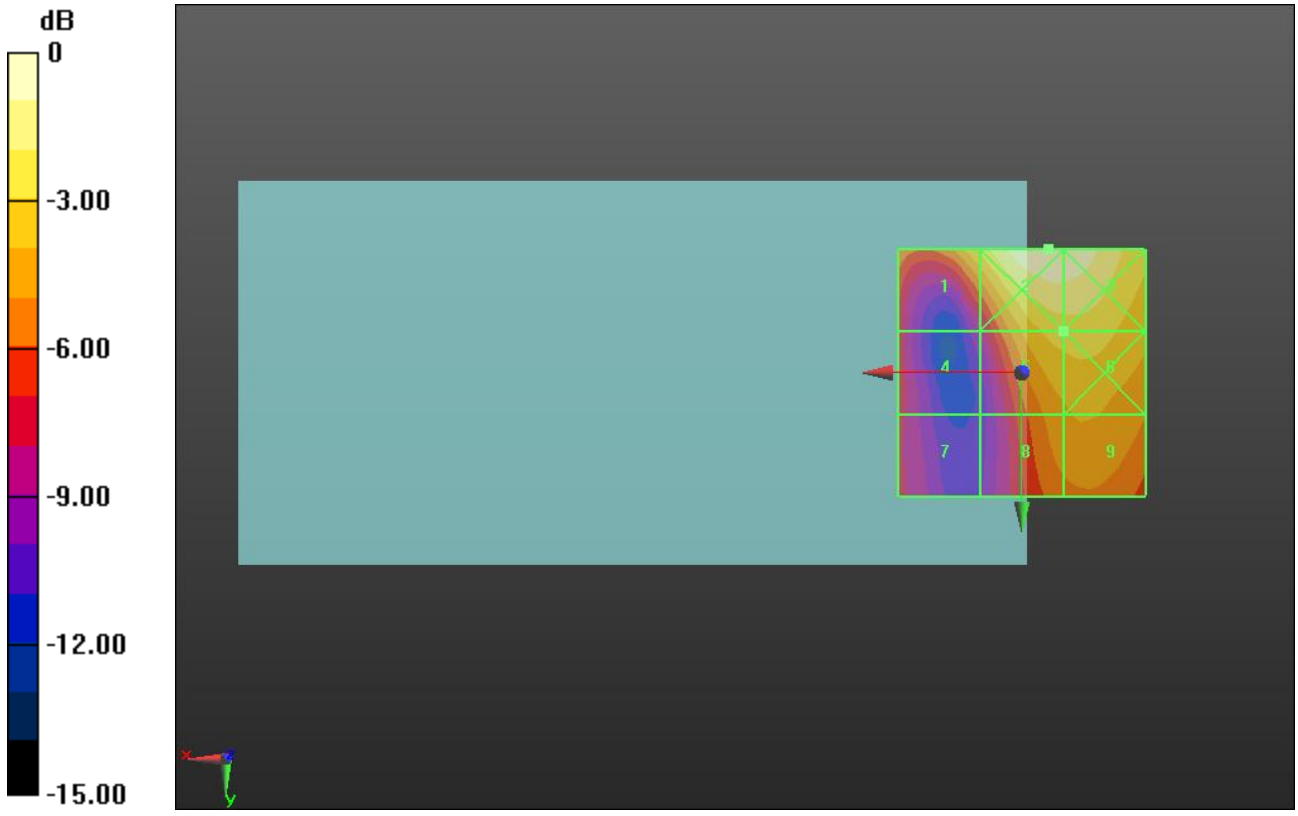
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 17.92 V/m; Power Drift = -0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.20 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.93 dBV/m**	Grid 2 **M4** **26.69 dBV/m**	Grid 3 **M4** **26.51 dBV/m**
Grid 4 **M4** **19.51 dBV/m**	Grid 5 **M4** **24.2 dBV/m**	Grid 6 **M4** **24.28 dBV/m**
Grid 7 **M4** **19.11 dBV/m**	Grid 8 **M4** **22.53 dBV/m**	Grid 9 **M4** **22.78 dBV/m**



0 dB = 21.60 V/m = 26.69 dBV/m

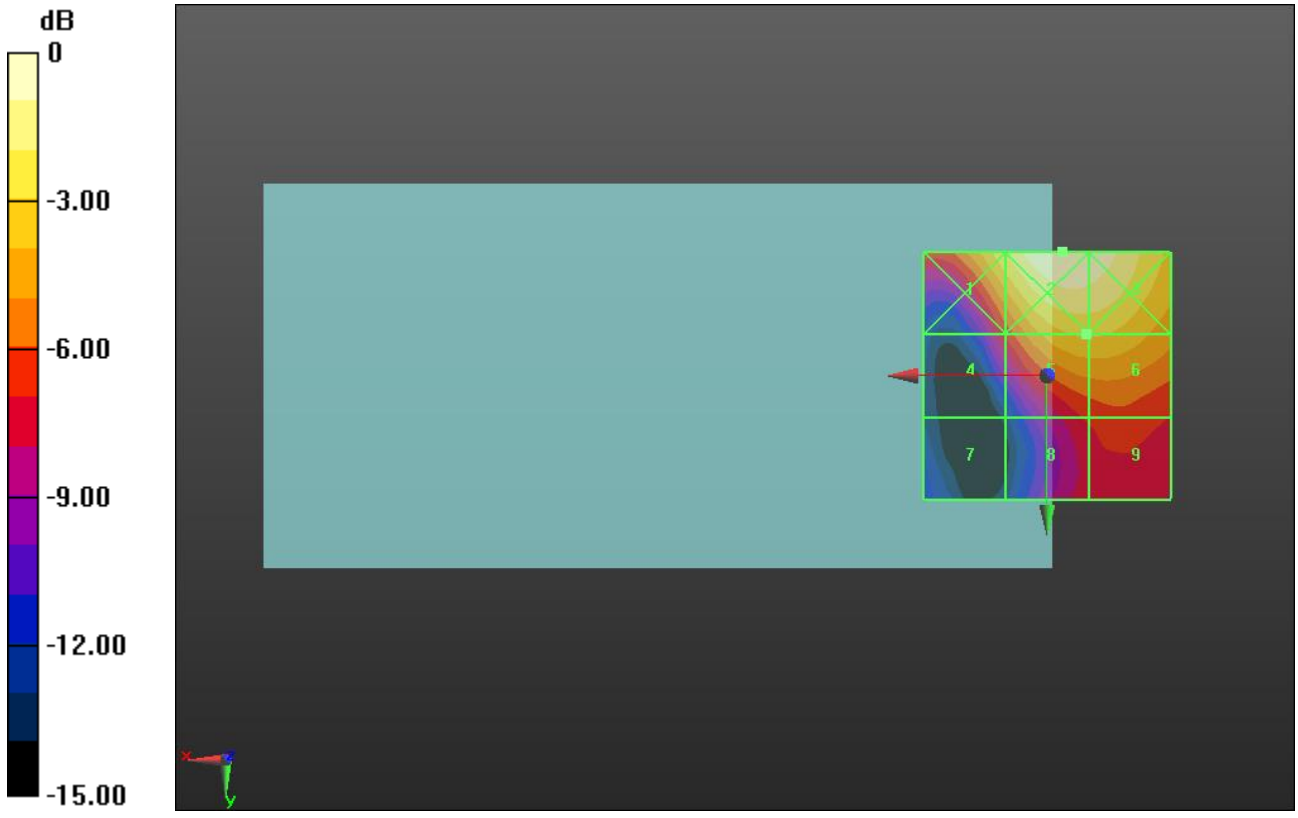
HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 39750/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 15.95 V/m; Power Drift = -0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.70 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.53 dBV/m**	Grid 2 **M4** **26.54 dBV/m**	Grid 3 **M4** **26.25 dBV/m**
Grid 4 **M4** **19.77 dBV/m**	Grid 5 **M4** **23.7 dBV/m**	Grid 6 **M4** **23.7 dBV/m**
Grid 7 **M4** **15.17 dBV/m**	Grid 8 **M4** **19.77 dBV/m**	Grid 9 **M4** **20.23 dBV/m**



0 dB = 21.24 V/m = 26.54 dBV/m

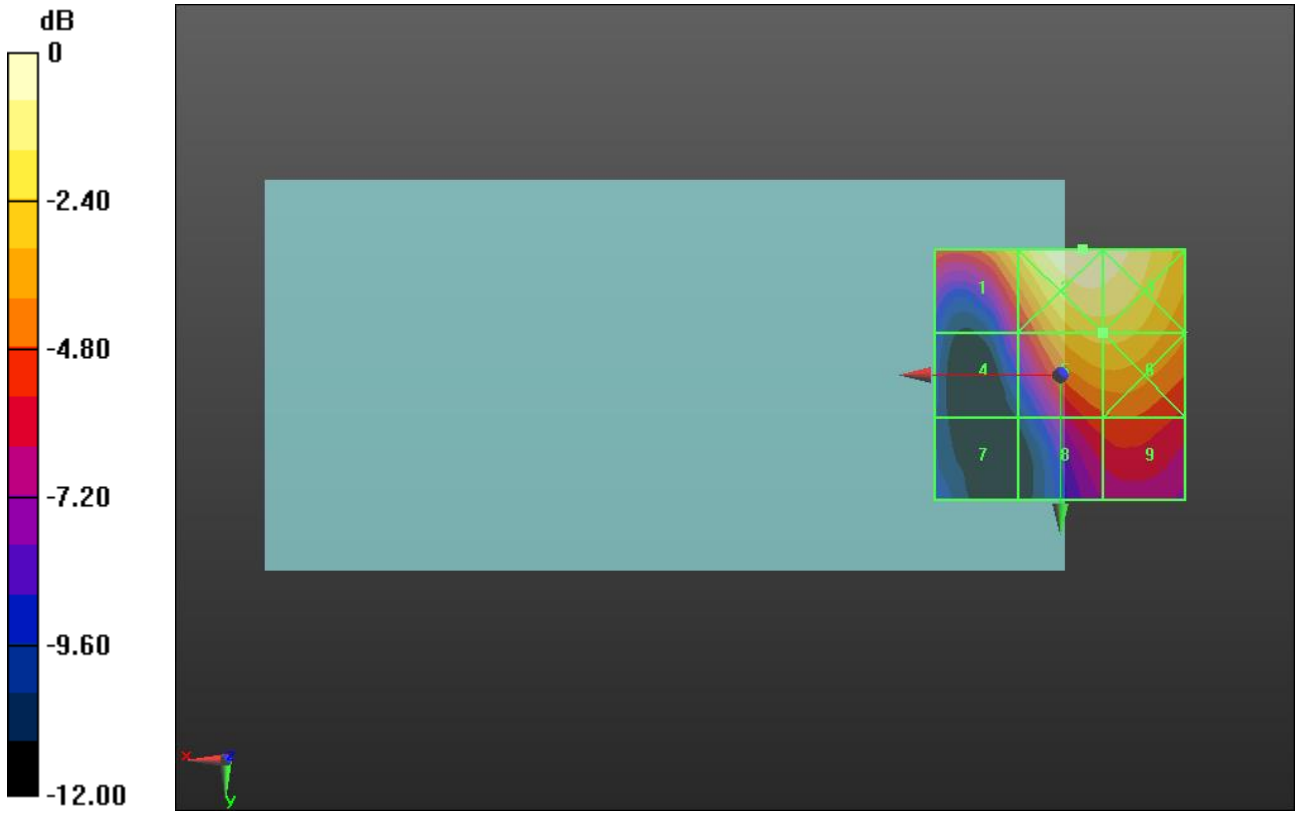
HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 40185/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 19.11 V/m; Power Drift = 0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.77 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.6 dBV/m**	Grid 2 **M4** **26.83 dBV/m**	Grid 3 **M4** **26.62 dBV/m**
Grid 4 **M4** **20.31 dBV/m**	Grid 5 **M4** **24.77 dBV/m**	Grid 6 **M4** **24.77 dBV/m**
Grid 7 **M4** **17.13 dBV/m**	Grid 8 **M4** **21.85 dBV/m**	Grid 9 **M4** **22.07 dBV/m**



0 dB = 21.94 V/m = 26.82 dBV/m

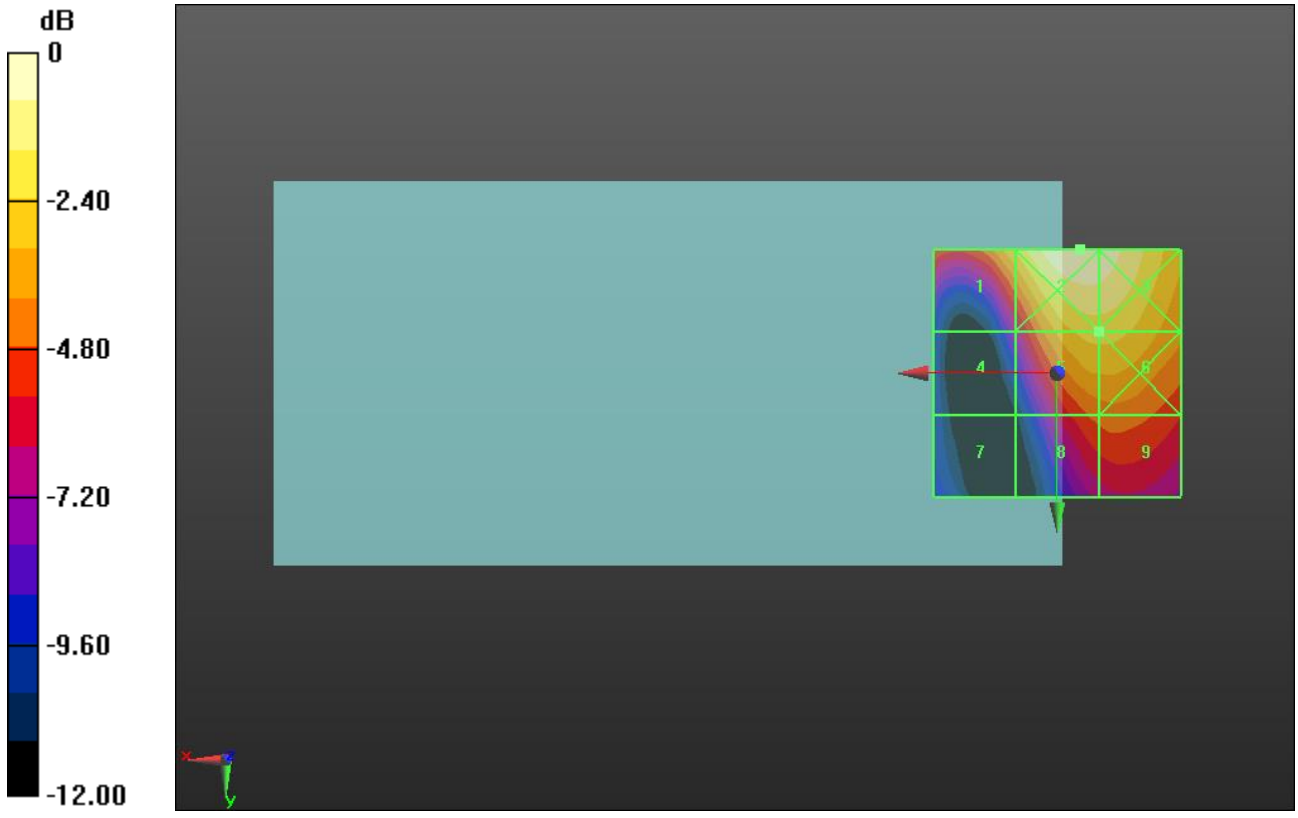
HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 40620/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 20.15 V/m; Power Drift = 0.00 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.83 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.54 dBV/m**	Grid 2 **M4** **26.88 dBV/m**	Grid 3 **M4** **26.62 dBV/m**
Grid 4 **M4** **19.77 dBV/m**	Grid 5 **M4** **24.83 dBV/m**	Grid 6 **M4** **24.83 dBV/m**
Grid 7 **M4** **18.06 dBV/m**	Grid 8 **M4** **22.4 dBV/m**	Grid 9 **M4** **22.58 dBV/m**



0 dB = 22.07 V/m = 26.88 dBV/m

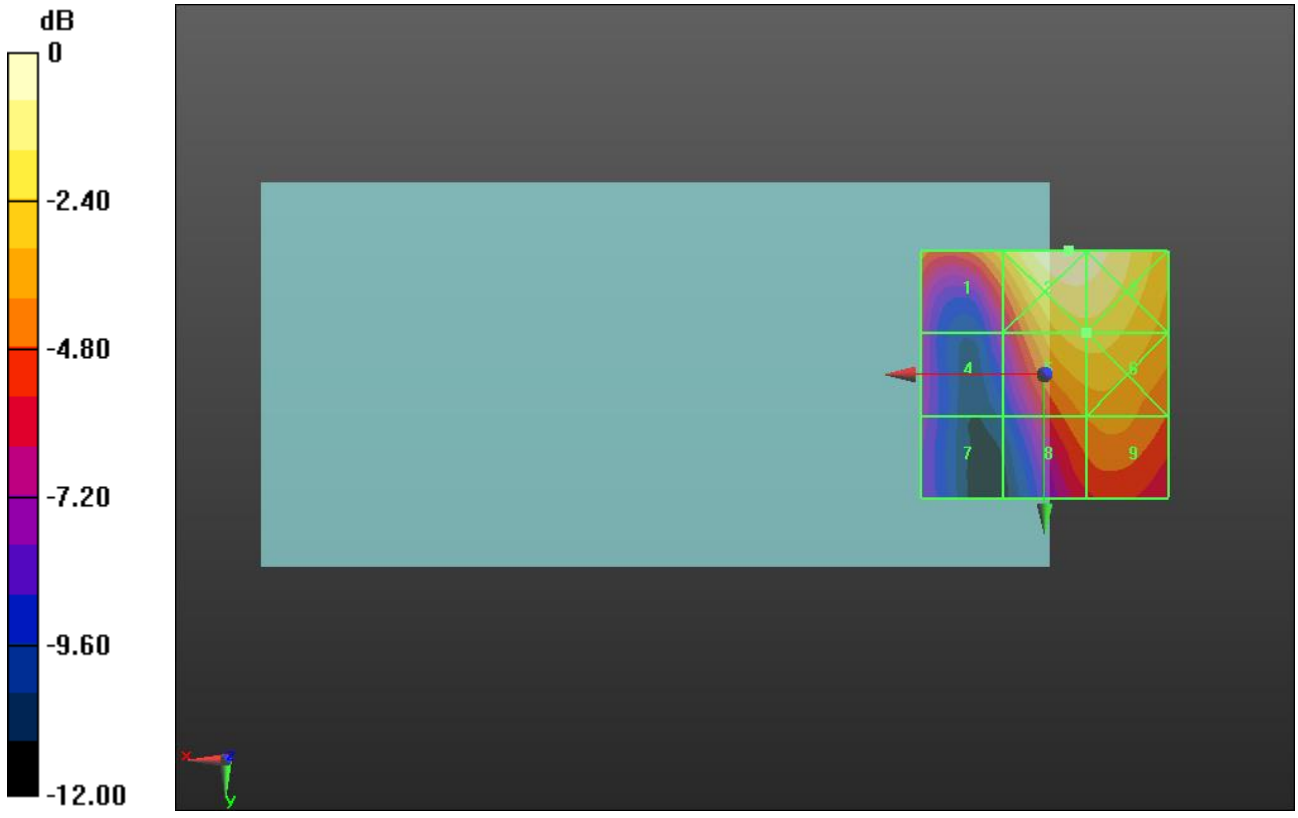
HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 41055/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 19.49 V/m; Power Drift = -0.00 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.68 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.12 dBV/m**	Grid 2 **M4** **26.62 dBV/m**	Grid 3 **M4** **26.37 dBV/m**
Grid 4 **M4** **19.73 dBV/m**	Grid 5 **M4** **24.68 dBV/m**	Grid 6 **M4** **24.68 dBV/m**
Grid 7 **M4** **19.08 dBV/m**	Grid 8 **M4** **22.68 dBV/m**	Grid 9 **M4** **22.97 dBV/m**



0 dB = 21.42 V/m = 26.62 dBV/m

HAC-RF Emission

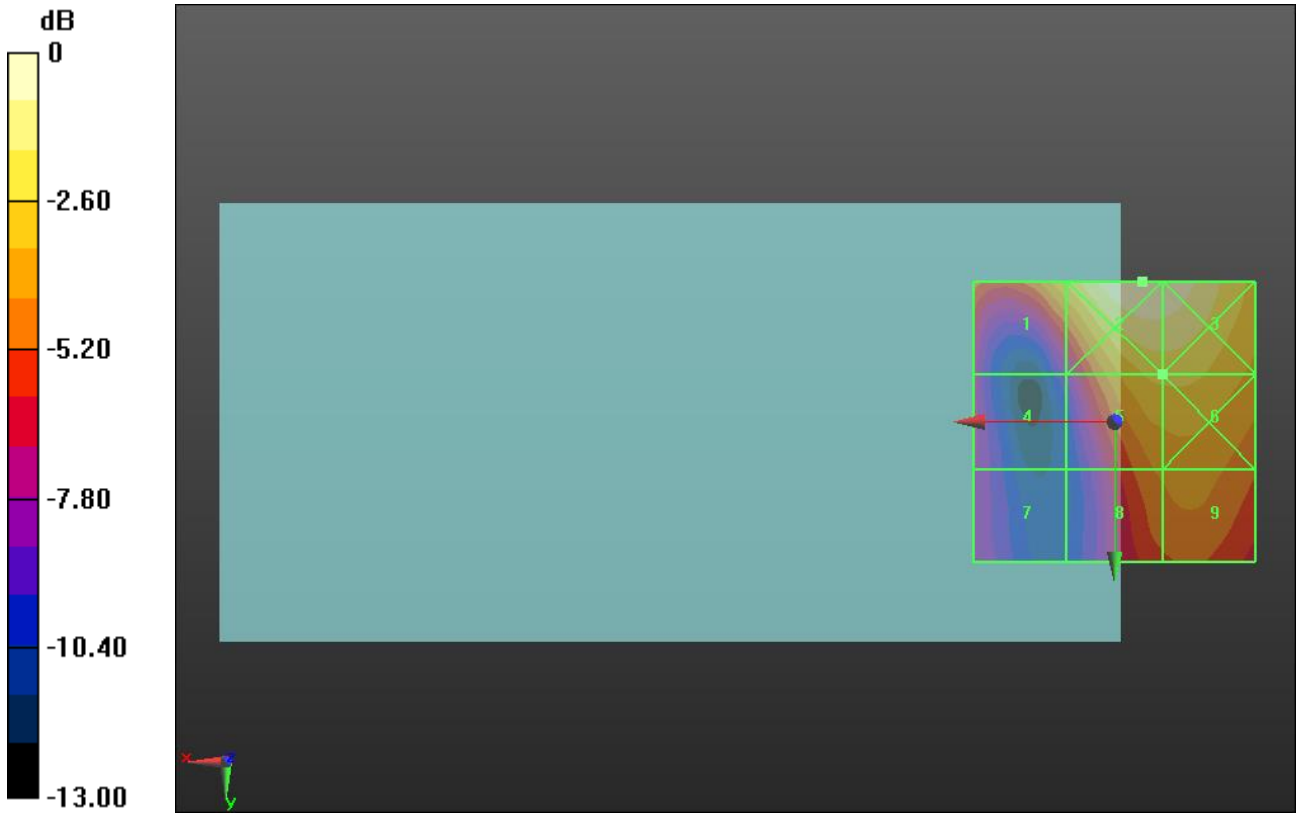
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 18.60 V/m; Power Drift = -0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.47 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.36 dBV/m**	Grid 2 **M4** **26.78 dBV/m**	Grid 3 **M4** **26.64 dBV/m**
Grid 4 **M4** **19.41 dBV/m**	Grid 5 **M4** **24.47 dBV/m**	Grid 6 **M4** **24.51 dBV/m**
Grid 7 **M4** **19.1 dBV/m**	Grid 8 **M4** **22.62 dBV/m**	Grid 9 **M4** **22.87 dBV/m**



0 dB = 21.82 V/m = 26.78 dBV/m

HAC-RF Emission

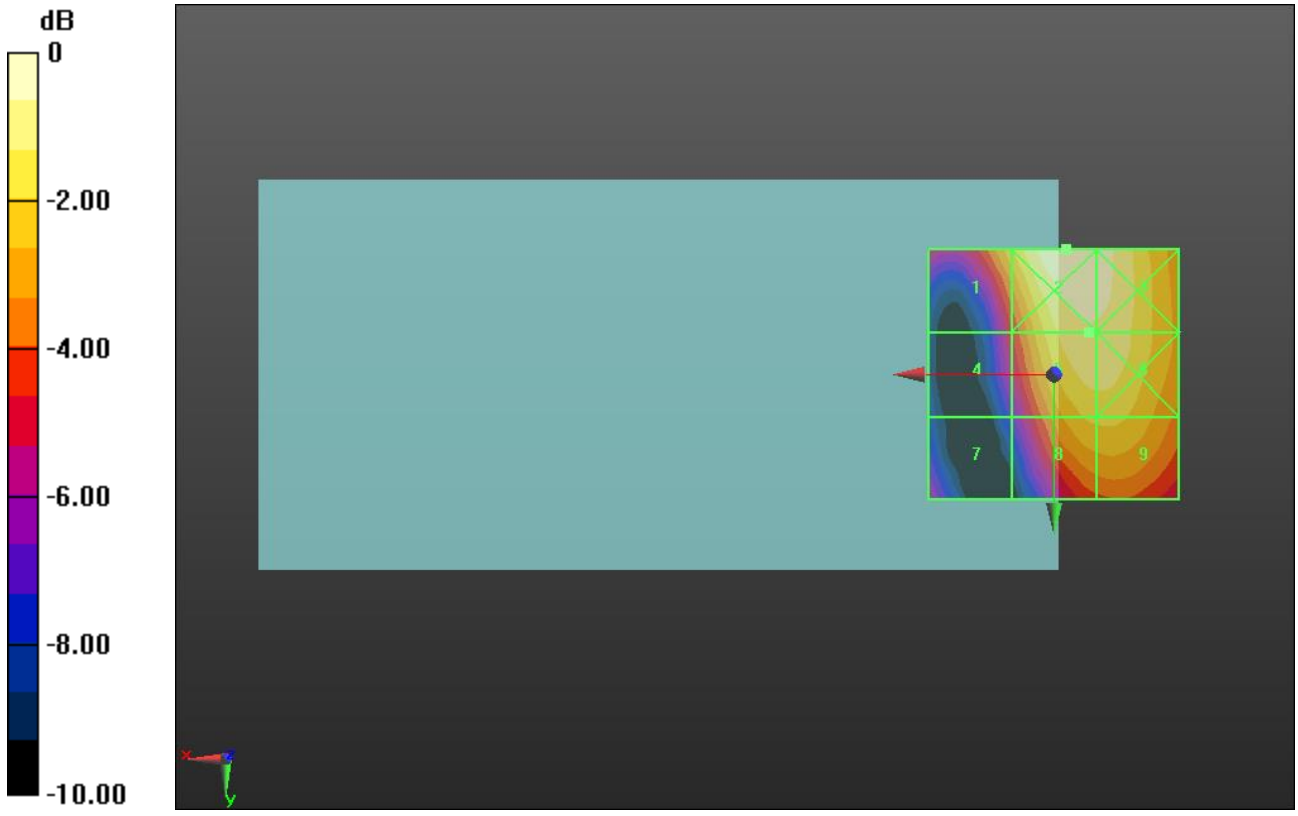
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2417 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2417 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 2/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 17.08 V/m; Power Drift = 0.04 dB
Applied MIF = -2.02 dB
RF audio interference level = 22.02 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.69 dBV/m**	Grid 2 **M4** **22.76 dBV/m**	Grid 3 **M4** **22.5 dBV/m**
Grid 4 **M4** **18.05 dBV/m**	Grid 5 **M4** **22.02 dBV/m**	Grid 6 **M4** **22 dBV/m**
Grid 7 **M4** **16.95 dBV/m**	Grid 8 **M4** **20.93 dBV/m**	Grid 9 **M4** **20.96 dBV/m**



0 dB = 13.74 V/m = 22.76 dBV/m

HAC-RF Emission

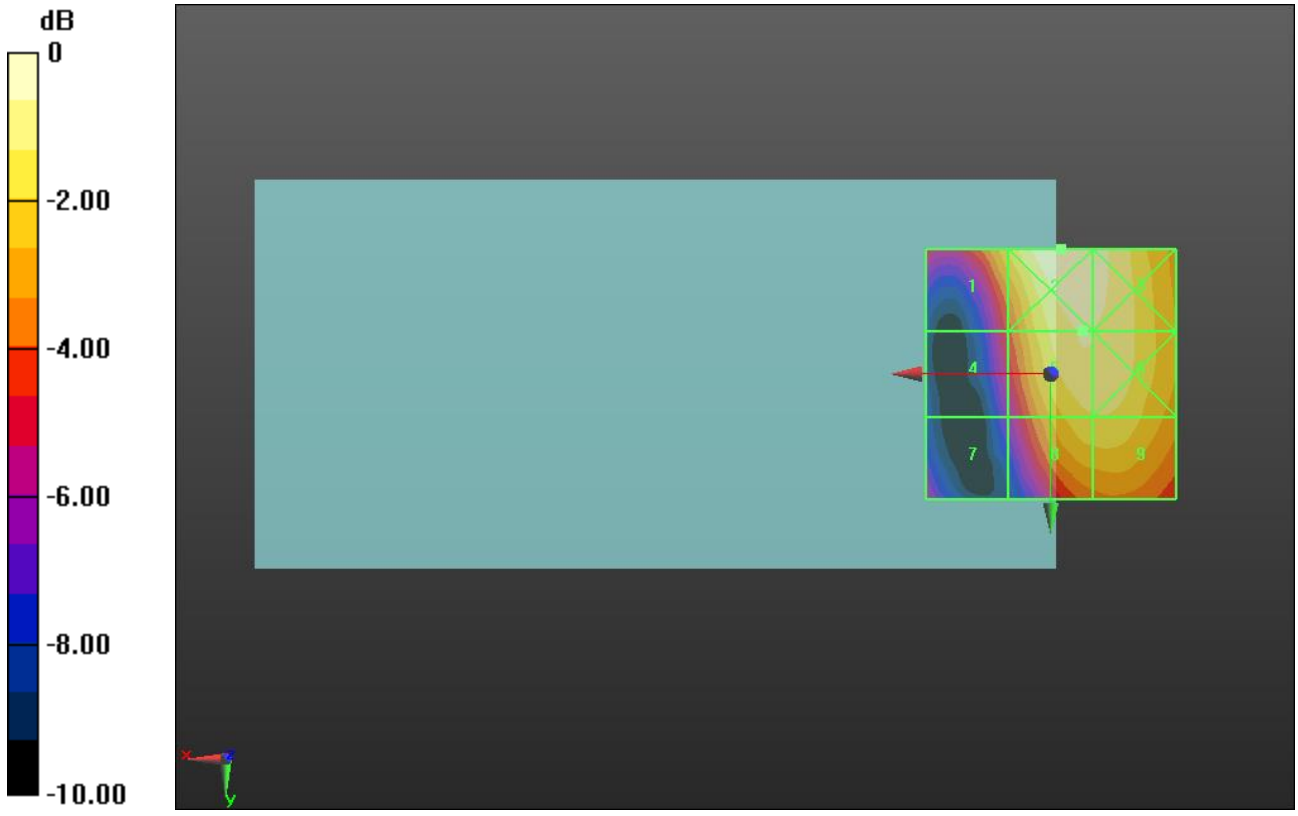
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 6/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 17.81 V/m; Power Drift = -0.05 dB
Applied MIF = -2.02 dB
RF audio interference level = 22.07 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.76 dBV/m**	Grid 2 **M4** **22.68 dBV/m**	Grid 3 **M4** **22.34 dBV/m**
Grid 4 **M4** **18.35 dBV/m**	Grid 5 **M4** **22.07 dBV/m**	Grid 6 **M4** **22.03 dBV/m**
Grid 7 **M4** **17.11 dBV/m**	Grid 8 **M4** **21.3 dBV/m**	Grid 9 **M4** **21.33 dBV/m**



0 dB = 13.62 V/m = 22.68 dBV/m

HAC-RF Emission

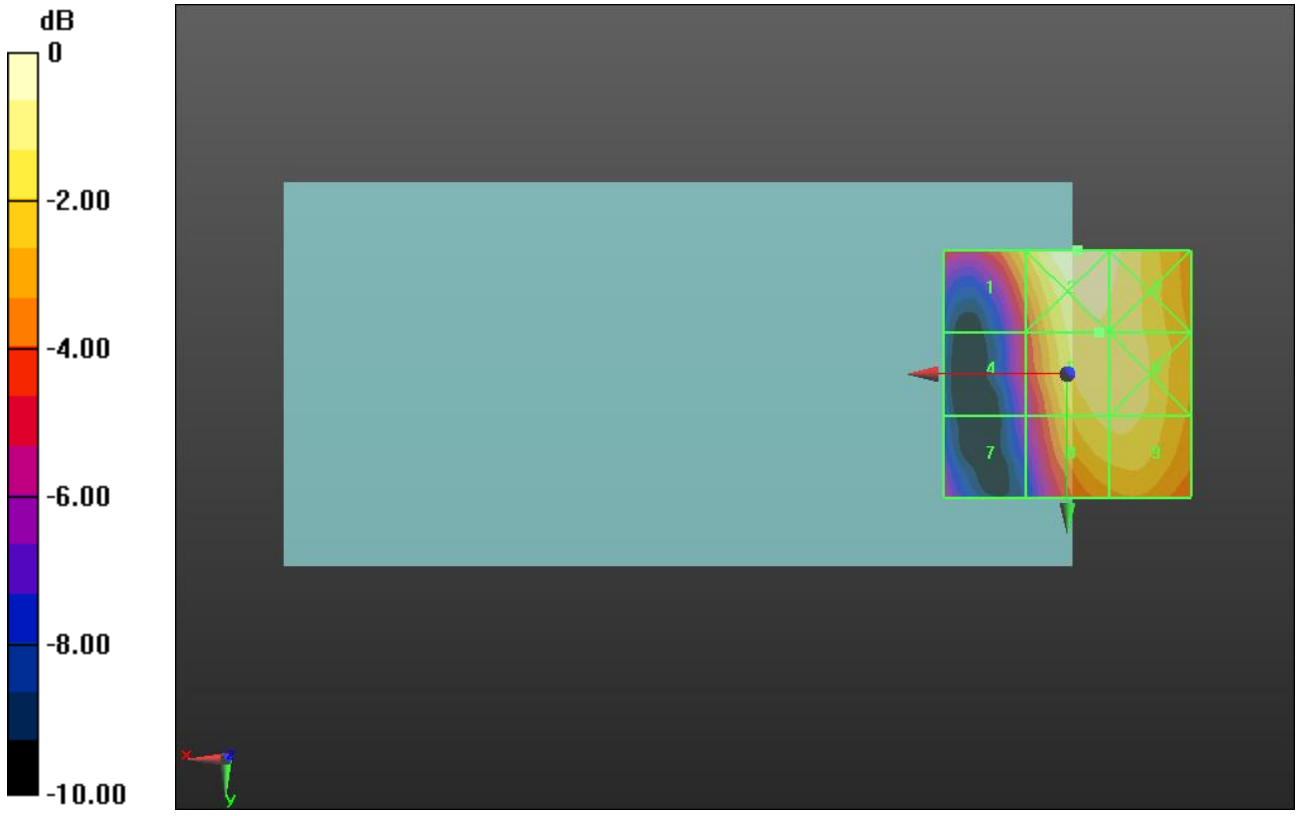
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 11/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 15.99 V/m; Power Drift = -0.07 dB
Applied MIF = -2.02 dB
RF audio interference level = 20.86 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.53 dBV/m**	Grid 2 **M4** **21.57 dBV/m**	Grid 3 **M4** **21.21 dBV/m**
Grid 4 **M4** **16.99 dBV/m**	Grid 5 **M4** **20.86 dBV/m**	Grid 6 **M4** **20.84 dBV/m**
Grid 7 **M4** **16.08 dBV/m**	Grid 8 **M4** **20.42 dBV/m**	Grid 9 **M4** **20.45 dBV/m**



0 dB = 11.99 V/m = 21.58 dBV/m

HAC-RF Emission

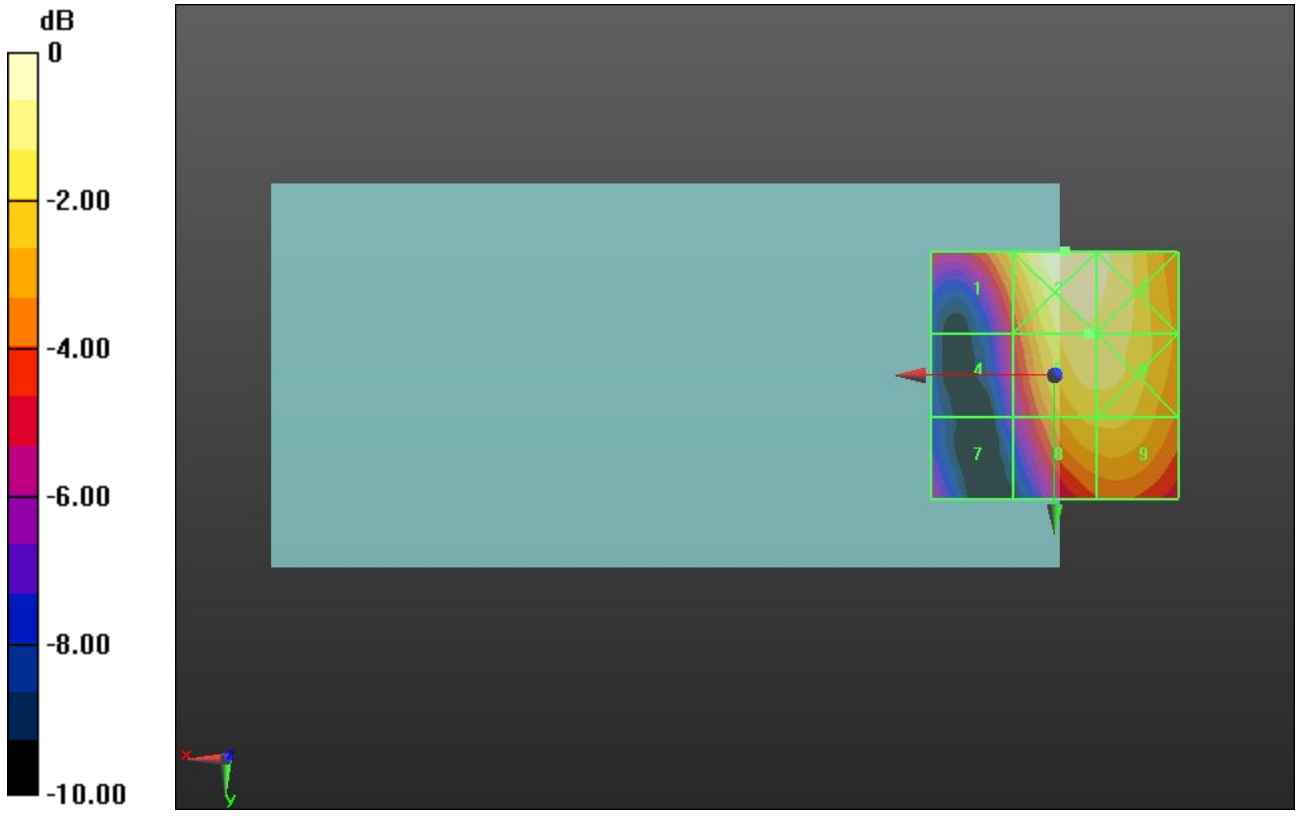
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2422 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2422 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 3/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 15.89 V/m; Power Drift = -0.10 dB
Applied MIF = 0.12 dB
RF audio interference level = 23.47 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.14 dBV/m**	Grid 2 **M4** **24.24 dBV/m**	Grid 3 **M4** **23.9 dBV/m**
Grid 4 **M4** **19.56 dBV/m**	Grid 5 **M4** **23.47 dBV/m**	Grid 6 **M4** **23.45 dBV/m**
Grid 7 **M4** **18.52 dBV/m**	Grid 8 **M4** **22.43 dBV/m**	Grid 9 **M4** **22.46 dBV/m**



0 dB = 16.29 V/m = 24.24 dBV/m

HAC-RF Emission

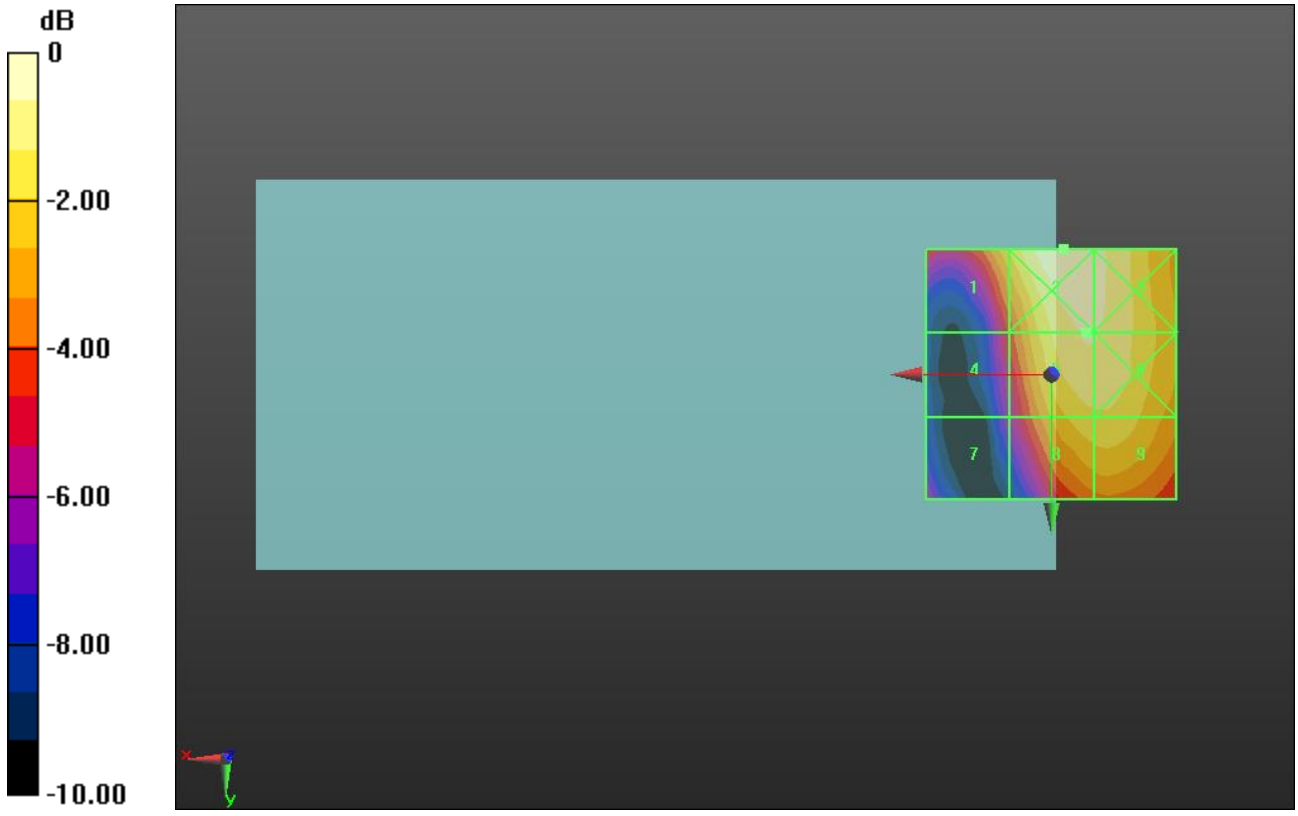
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 6/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 16.22 V/m; Power Drift = -0.09 dB
Applied MIF = 0.12 dB
RF audio interference level = 23.47 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.13 dBV/m**	Grid 2 **M4** **24.09 dBV/m**	Grid 3 **M4** **23.7 dBV/m**
Grid 4 **M4** **19.65 dBV/m**	Grid 5 **M4** **23.47 dBV/m**	Grid 6 **M4** **23.45 dBV/m**
Grid 7 **M4** **18.33 dBV/m**	Grid 8 **M4** **22.61 dBV/m**	Grid 9 **M4** **22.65 dBV/m**



0 dB = 16.01 V/m = 24.09 dBV/m

HAC-RF Emission

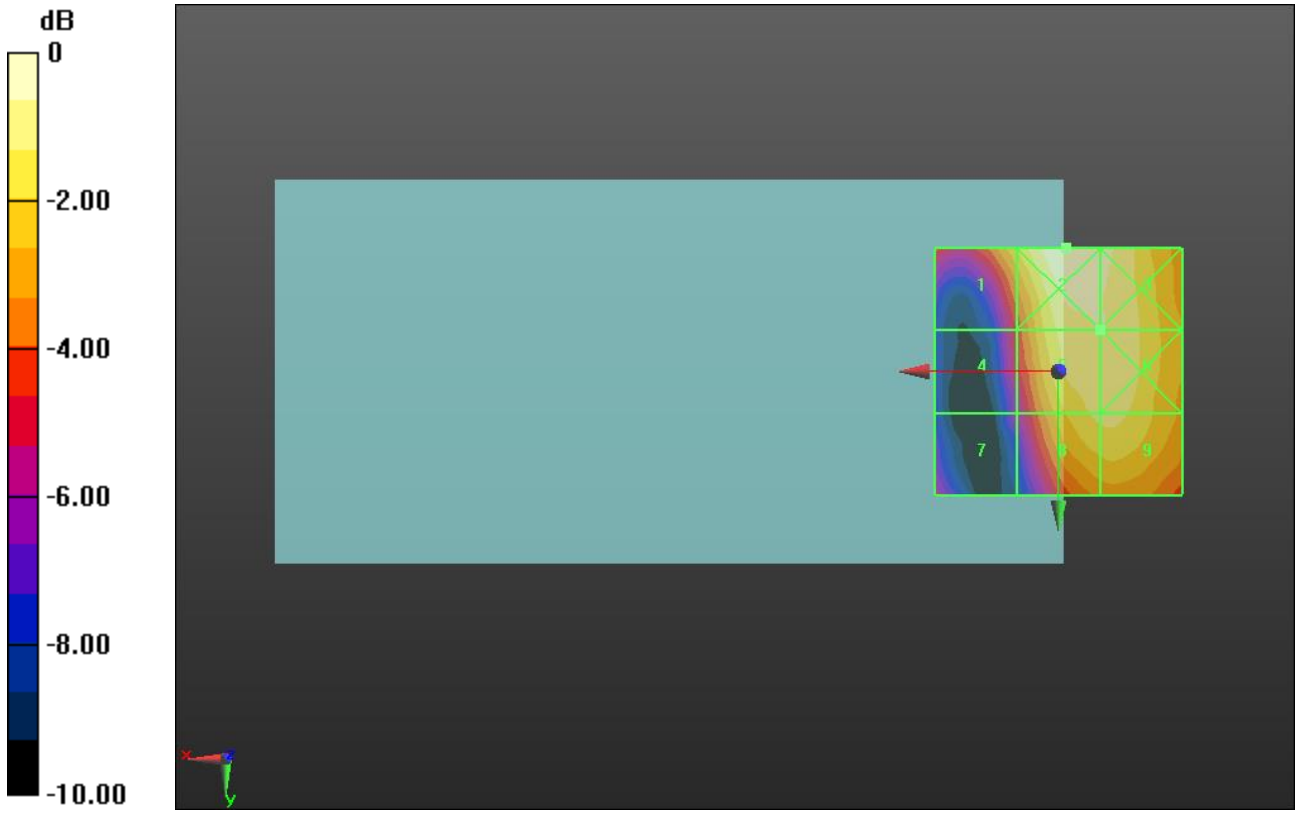
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2452 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 9/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 15.62 V/m; Power Drift = -0.11 dB
Applied MIF = 0.12 dB
RF audio interference level = 22.81 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.53 dBV/m**	Grid 2 **M4** **23.49 dBV/m**	Grid 3 **M4** **23.11 dBV/m**
Grid 4 **M4** **18.97 dBV/m**	Grid 5 **M4** **22.81 dBV/m**	Grid 6 **M4** **22.81 dBV/m**
Grid 7 **M4** **18.06 dBV/m**	Grid 8 **M4** **22.32 dBV/m**	Grid 9 **M4** **22.37 dBV/m**



0 dB = 14.94 V/m = 23.49 dBV/m

HAC-RF Emission

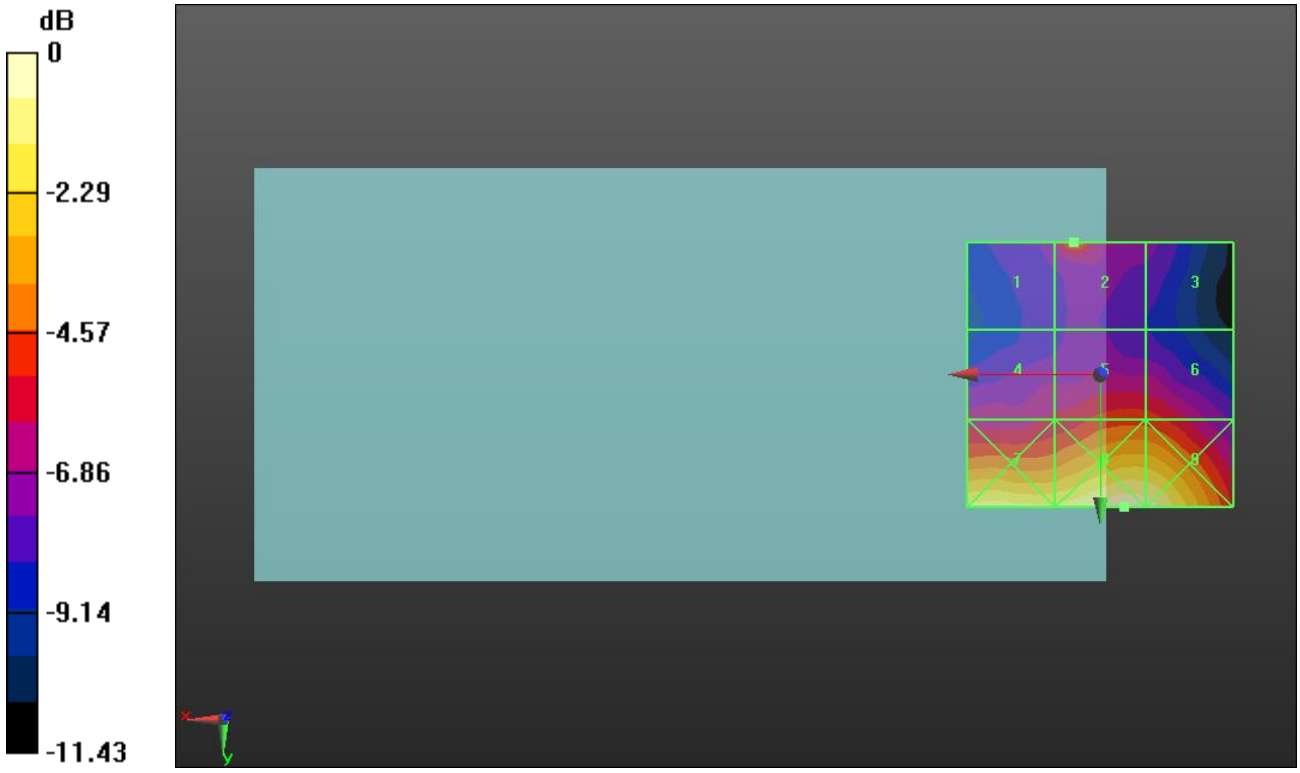
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 14.82 V/m; Power Drift = -0.09 dB
Applied MIF = 3.63 dB
RF audio interference level = 27.70 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.85 dBV/m**	Grid 2 **M4** **27.7 dBV/m**	Grid 3 **M4** **24.28 dBV/m**
Grid 4 **M4** **25.59 dBV/m**	Grid 5 **M4** **26.63 dBV/m**	Grid 6 **M4** **26.59 dBV/m**
Grid 7 **M3** **30.47 dBV/m**	Grid 8 **M3** **31.46 dBV/m**	Grid 9 **M3** **31.19 dBV/m**



0 dB = 37.42 V/m = 31.46 dBV/m

HAC-RF Emission

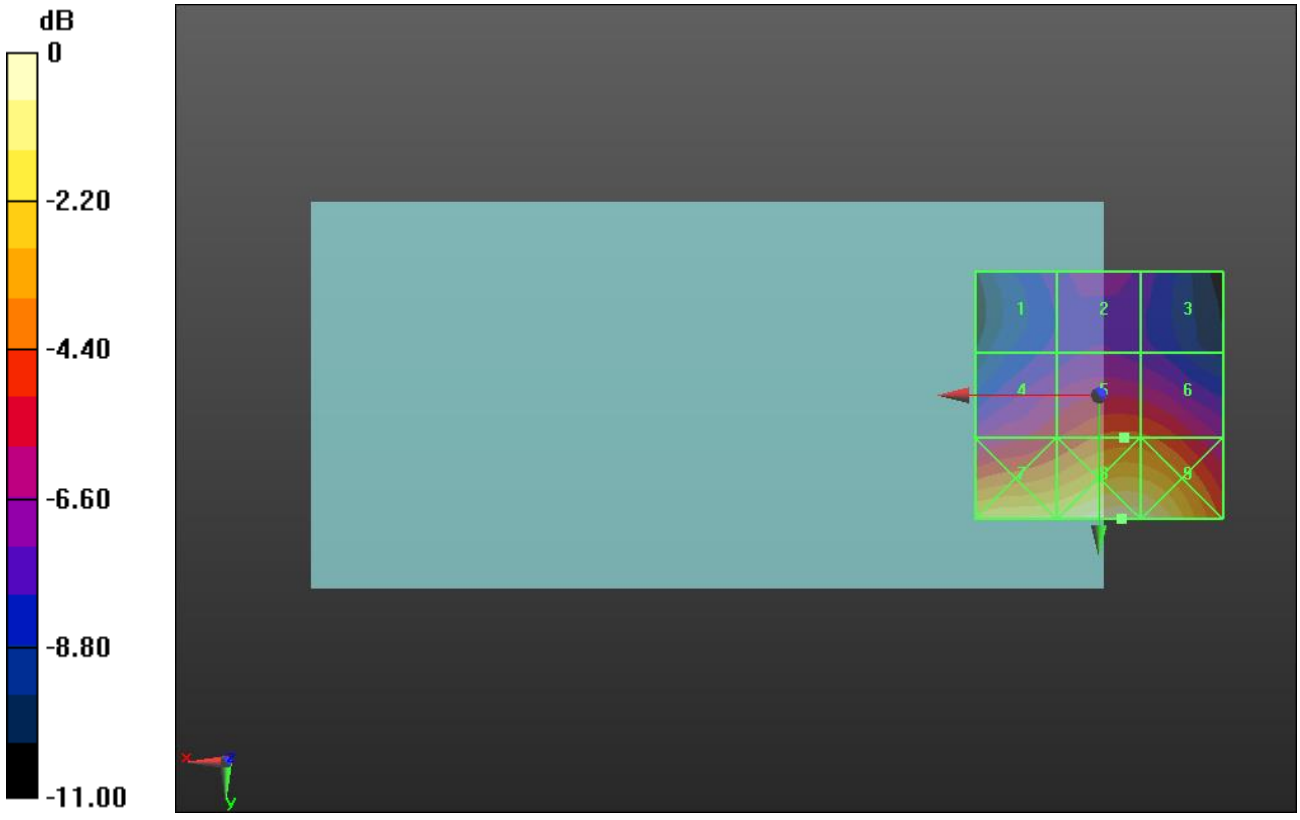
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 18.28 V/m; Power Drift = -0.10 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.30 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.83 dBV/m**	Grid 2 **M4** **25.47 dBV/m**	Grid 3 **M4** **24.85 dBV/m**
Grid 4 **M4** **27.22 dBV/m**	Grid 5 **M4** **28.3 dBV/m**	Grid 6 **M4** **28.22 dBV/m**
Grid 7 **M3** **31.31 dBV/m**	Grid 8 **M3** **32.4 dBV/m**	Grid 9 **M3** **32.17 dBV/m**



0 dB = 41.68 V/m = 32.40 dBV/m

HAC-RF Emission

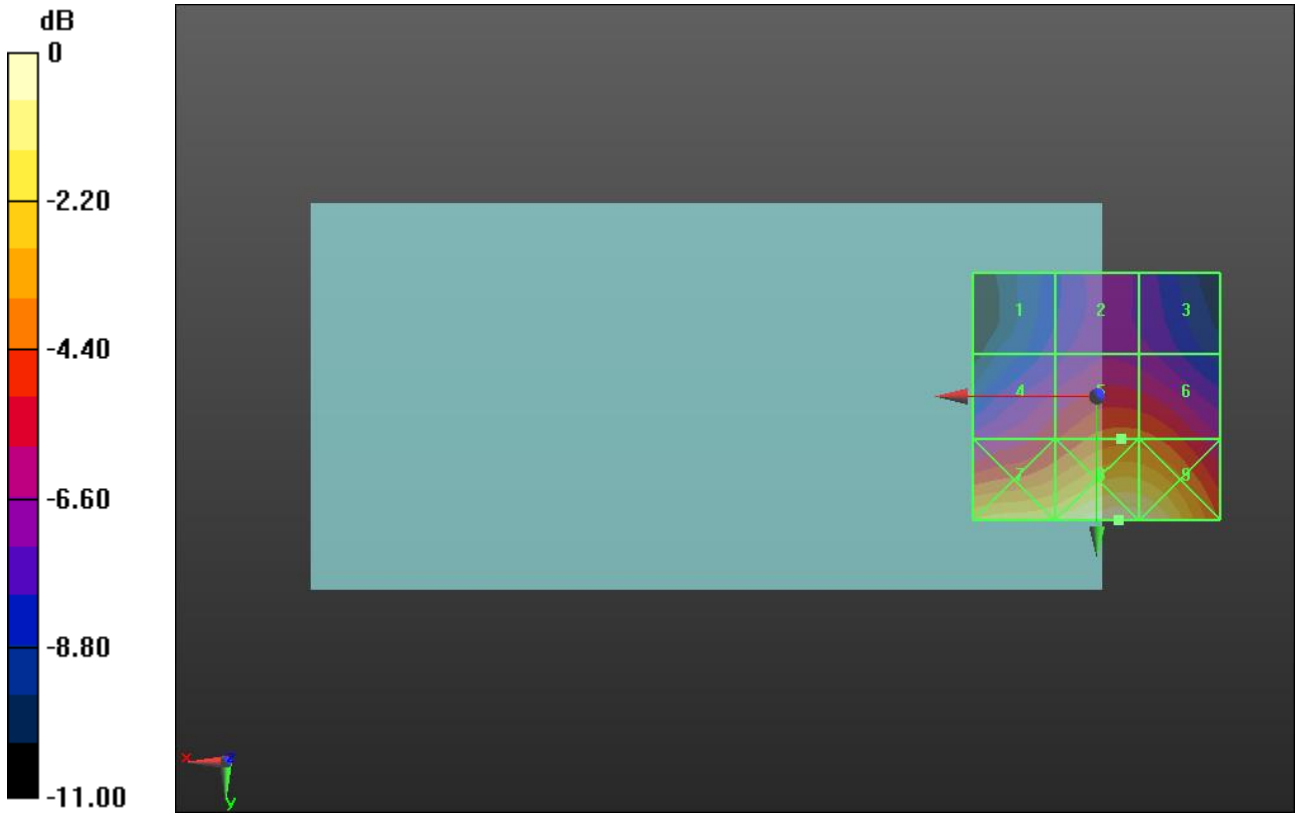
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_ch 810/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 20.02 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.98 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.34 dBV/m**	Grid 2 **M4** **26.26 dBV/m**	Grid 3 **M4** **25.97 dBV/m**
Grid 4 **M4** **27.71 dBV/m**	Grid 5 **M4** **28.98 dBV/m**	Grid 6 **M4** **28.89 dBV/m**
Grid 7 **M3** **31.65 dBV/m**	Grid 8 **M3** **32.92 dBV/m**	Grid 9 **M3** **32.69 dBV/m**



0 dB = 44.26 V/m = 32.92 dBV/m

HAC-RF Emission

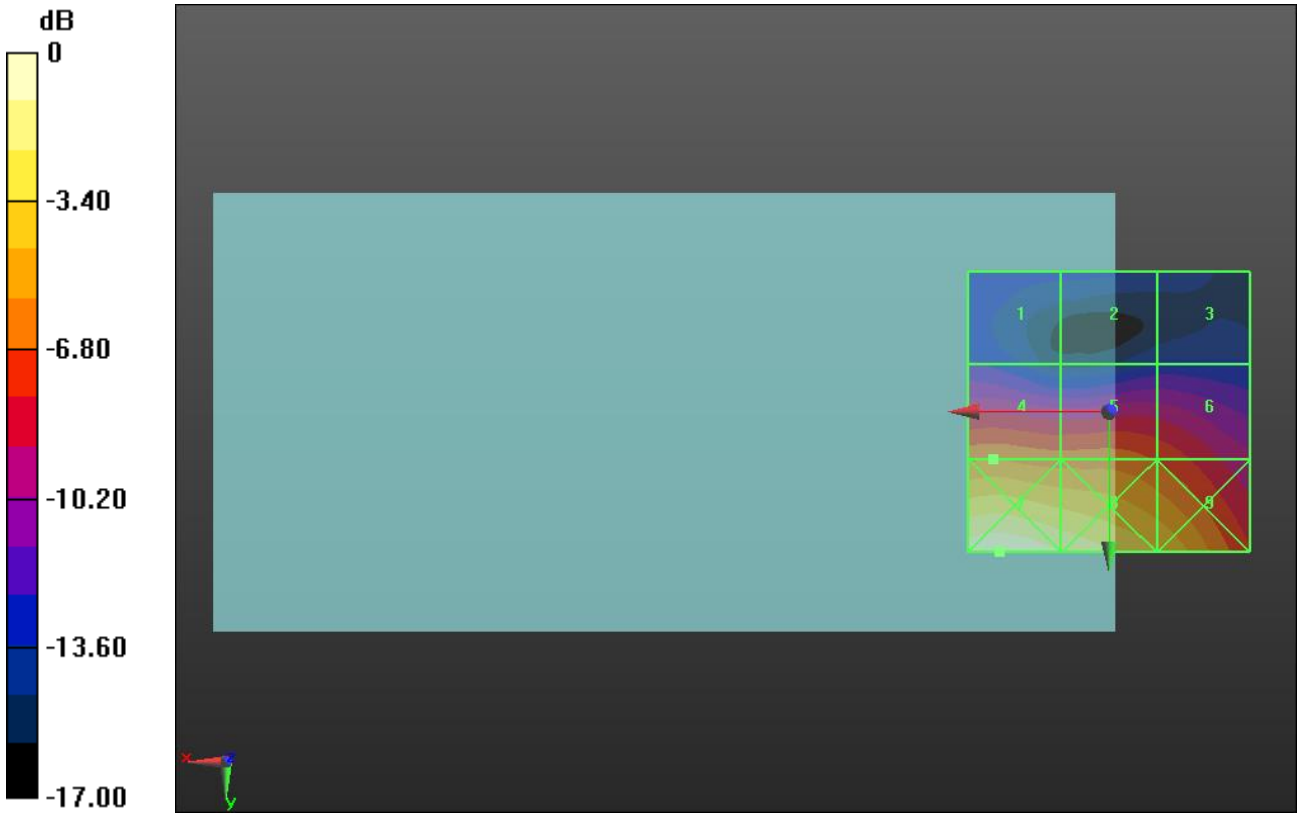
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 20.63 V/m; Power Drift = -0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.83 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.24 dBV/m**	Grid 2 **M4** **18.4 dBV/m**	Grid 3 **M4** **18.26 dBV/m**
Grid 4 **M4** **25.83 dBV/m**	Grid 5 **M4** **25.34 dBV/m**	Grid 6 **M4** **24.58 dBV/m**
Grid 7 **M3** **31.48 dBV/m**	Grid 8 **M3** **30.44 dBV/m**	Grid 9 **M4** **28.29 dBV/m**



0 dB = 37.50 V/m = 31.48 dBV/m

HAC-RF Emission

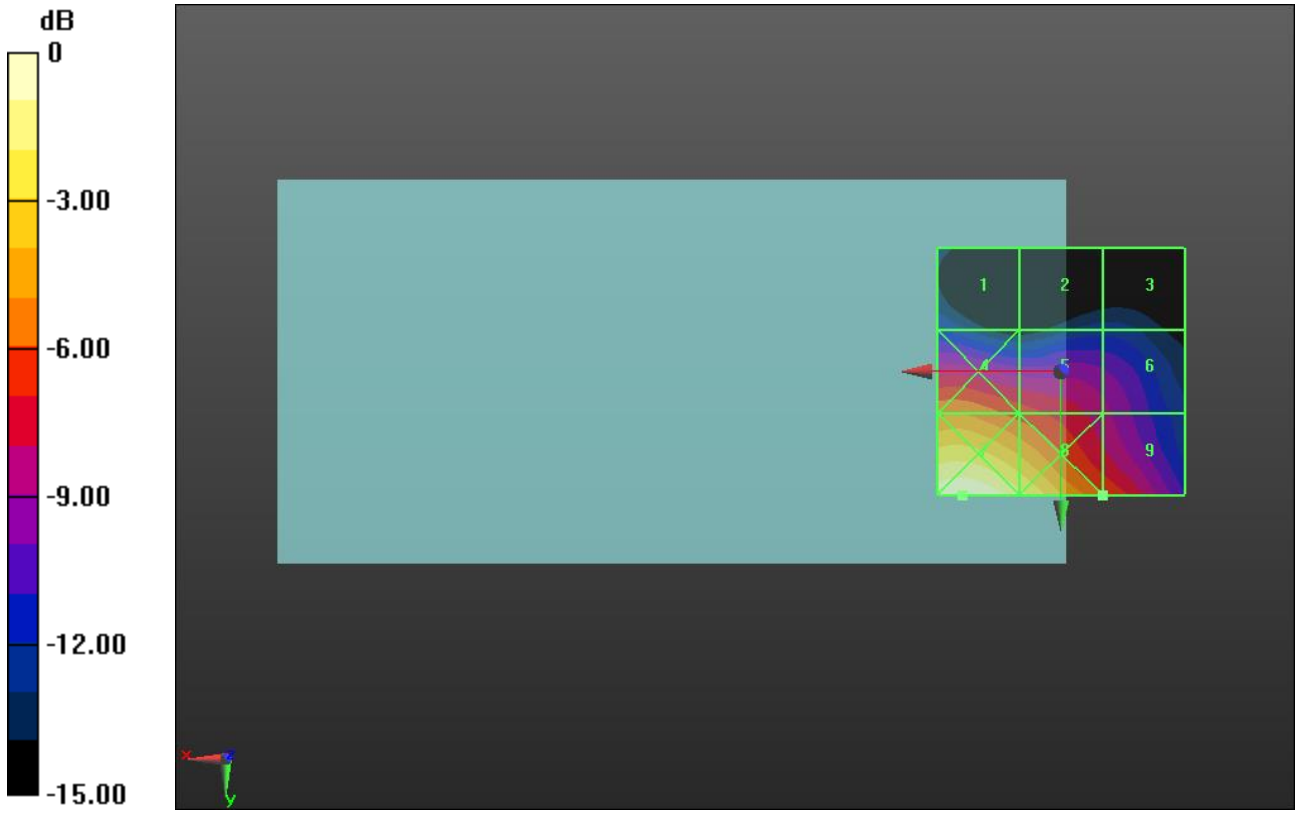
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 40185/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 20.96 V/m; Power Drift = -0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.71 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.67 dBV/m**	Grid 2 **M4** **19.08 dBV/m**	Grid 3 **M4** **19.08 dBV/m**
Grid 4 **M4** **26.48 dBV/m**	Grid 5 **M4** **25.09 dBV/m**	Grid 6 **M4** **22.84 dBV/m**
Grid 7 **M3** **31.48 dBV/m**	Grid 8 **M4** **29.9 dBV/m**	Grid 9 **M4** **25.71 dBV/m**



0 dB = 37.49 V/m = 31.48 dBV/m

HAC-RF Emission

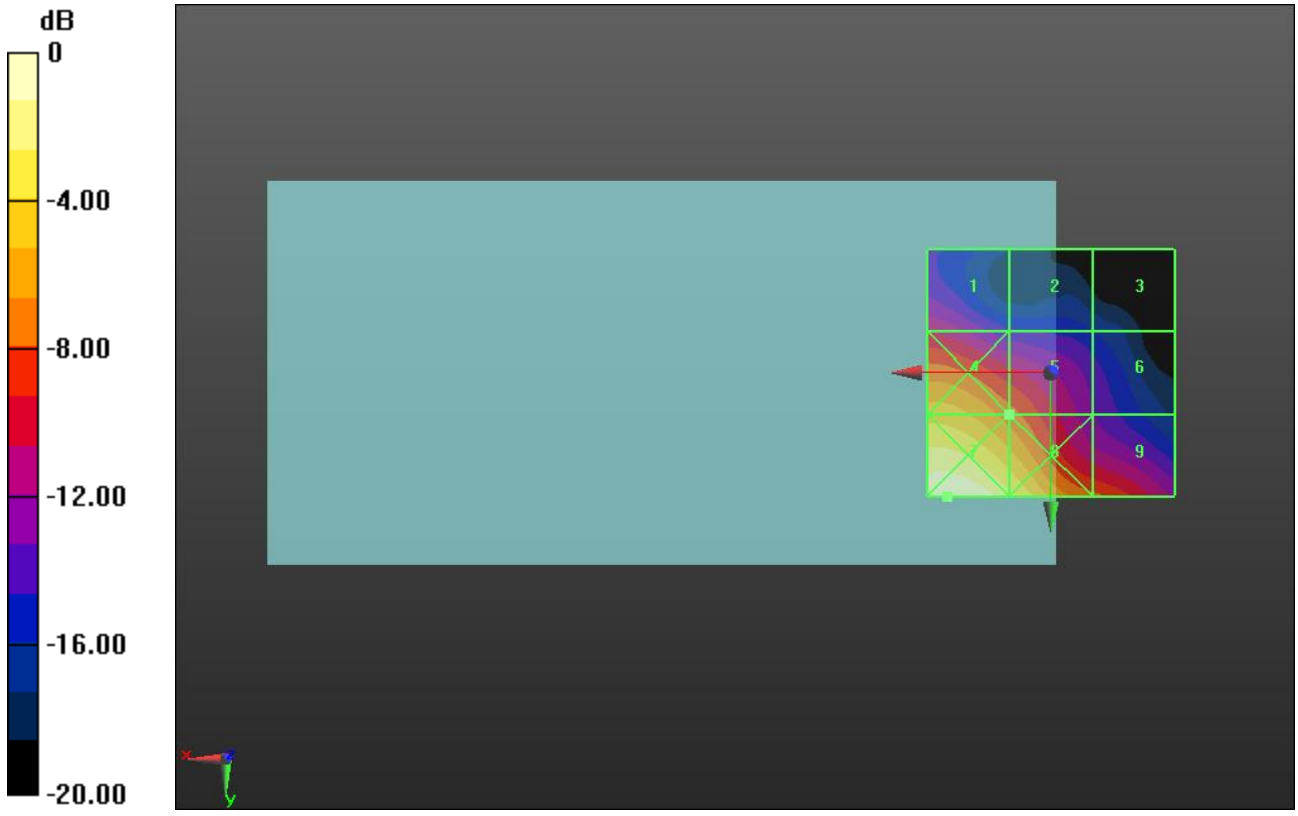
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 15.17 V/m; Power Drift = -0.10 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.31 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.97 dBV/m**	Grid 2 **M4** **17.31 dBV/m**	Grid 3 **M4** **15.62 dBV/m**
Grid 4 **M4** **27.11 dBV/m**	Grid 5 **M4** **24.31 dBV/m**	Grid 6 **M4** **18.48 dBV/m**
Grid 7 **M3** **31.61 dBV/m**	Grid 8 **M4** **29.41 dBV/m**	Grid 9 **M4** **24.13 dBV/m**



0 dB = 38.08 V/m = 31.61 dBV/m

HAC-RF Emission

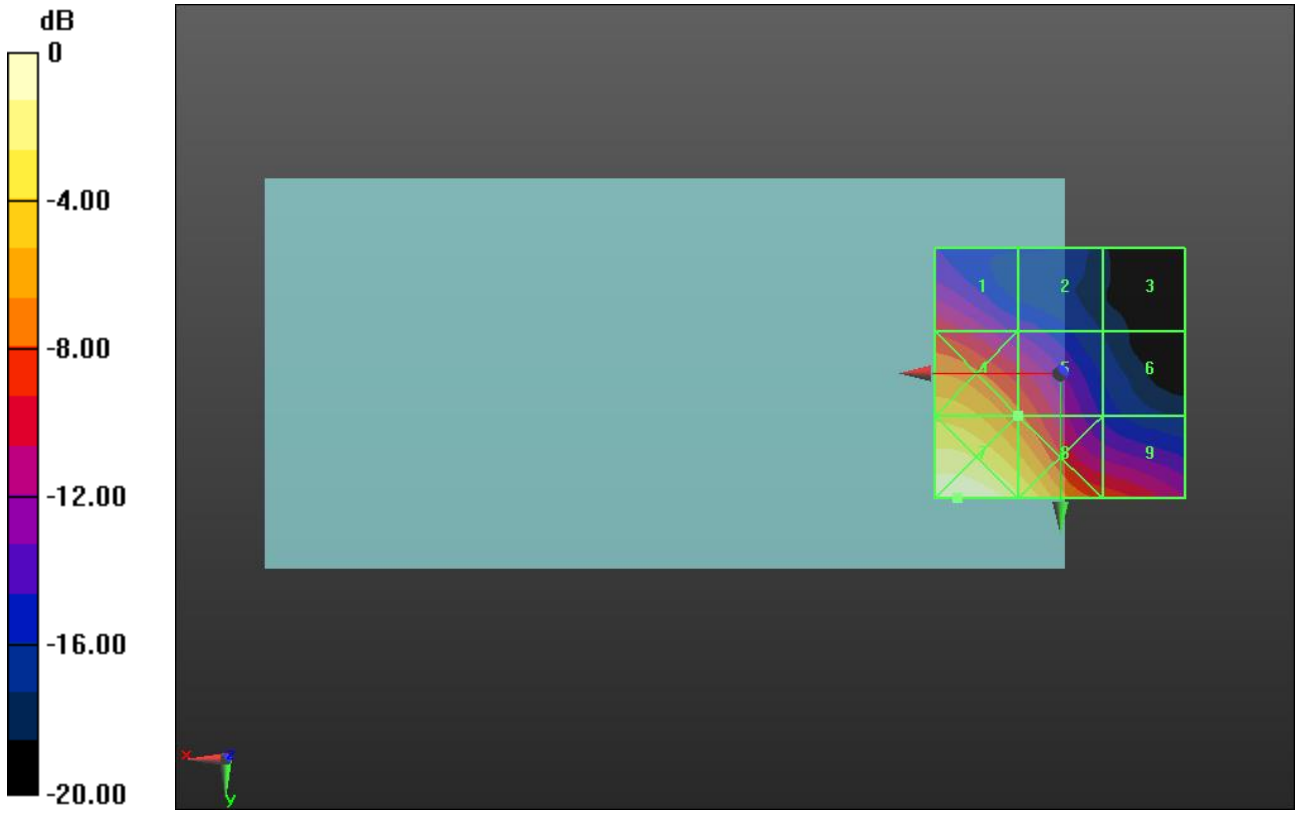
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 41055/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 11.60 V/m; Power Drift = 0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.97 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.01 dBV/m**	Grid 2 **M4** **17.95 dBV/m**	Grid 3 **M4** **14.18 dBV/m**
Grid 4 **M4** **27.21 dBV/m**	Grid 5 **M4** **23.97 dBV/m**	Grid 6 **M4** **16.74 dBV/m**
Grid 7 **M3** **31.53 dBV/m**	Grid 8 **M4** **29.32 dBV/m**	Grid 9 **M4** **23.47 dBV/m**



0 dB = 37.73 V/m = 31.53 dBV/m

HAC-RF Emission

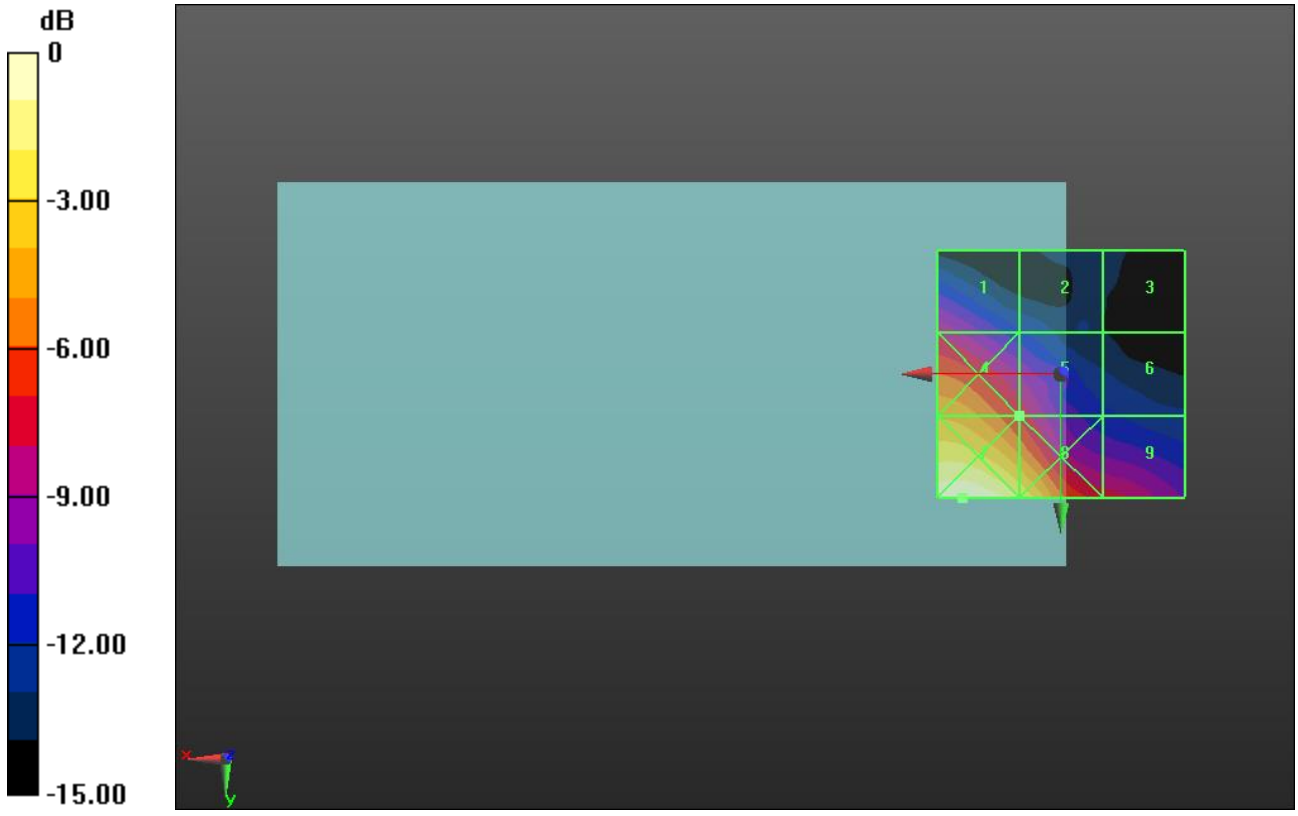
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 14.56 V/m; Power Drift = 0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.26 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.17 dBV/m**	Grid 2 **M4** **19.73 dBV/m**	Grid 3 **M4** **17.9 dBV/m**
Grid 4 **M4** **27.27 dBV/m**	Grid 5 **M4** **24.26 dBV/m**	Grid 6 **M4** **19.82 dBV/m**
Grid 7 **M3** **31.4 dBV/m**	Grid 8 **M4** **29.45 dBV/m**	Grid 9 **M4** **24.13 dBV/m**



0 dB = 37.17 V/m = 31.40 dBV/m

HAC-RF Emission

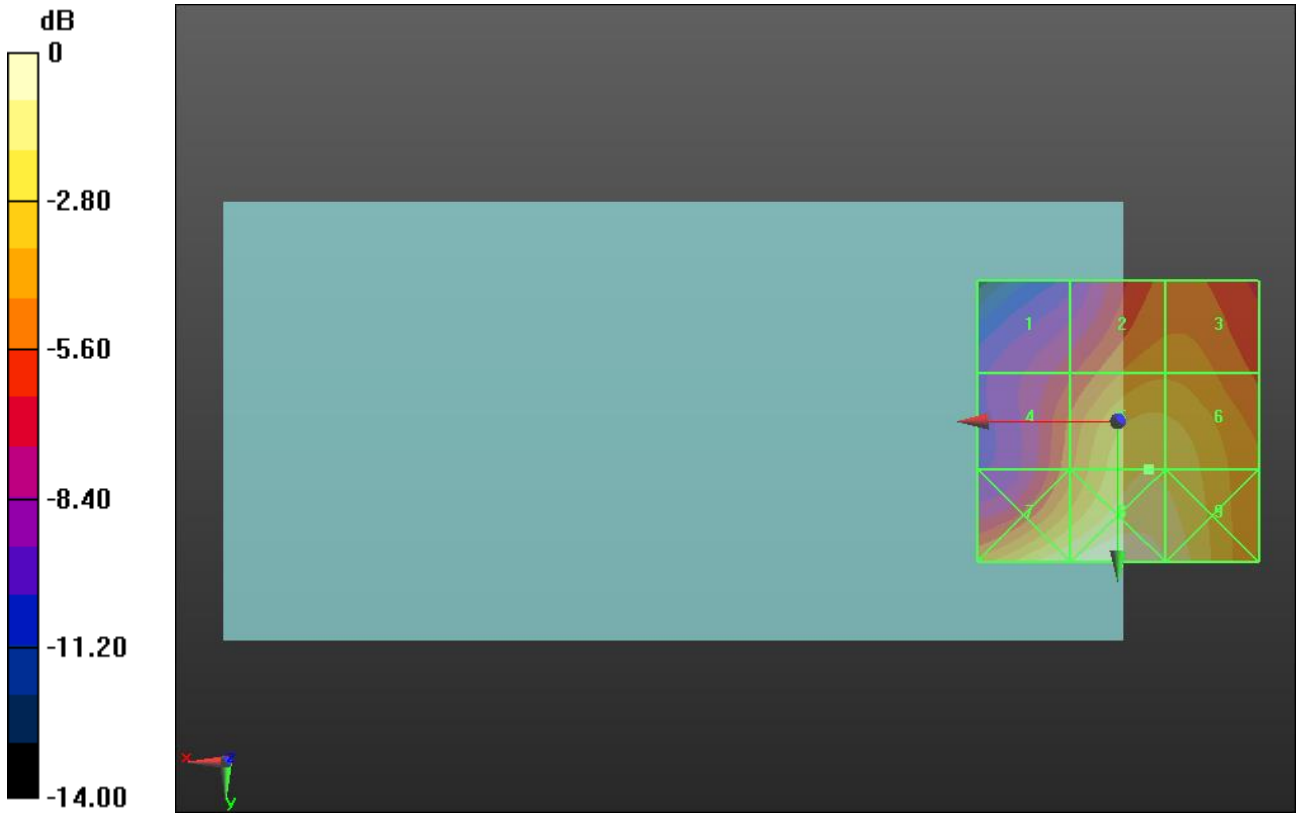
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 55340/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 31.52 V/m; Power Drift = 0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 26.69 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.81 dBV/m**	Grid 2 **M4** **24.68 dBV/m**	Grid 3 **M4** **24.68 dBV/m**
Grid 4 **M4** **23.65 dBV/m**	Grid 5 **M4** **26.69 dBV/m**	Grid 6 **M4** **26.54 dBV/m**
Grid 7 **M4** **27.82 dBV/m**	Grid 8 **M4** **28.56 dBV/m**	Grid 9 **M4** **27.69 dBV/m**



0 dB = 26.78 V/m = 28.56 dBV/m

HAC-RF Emission

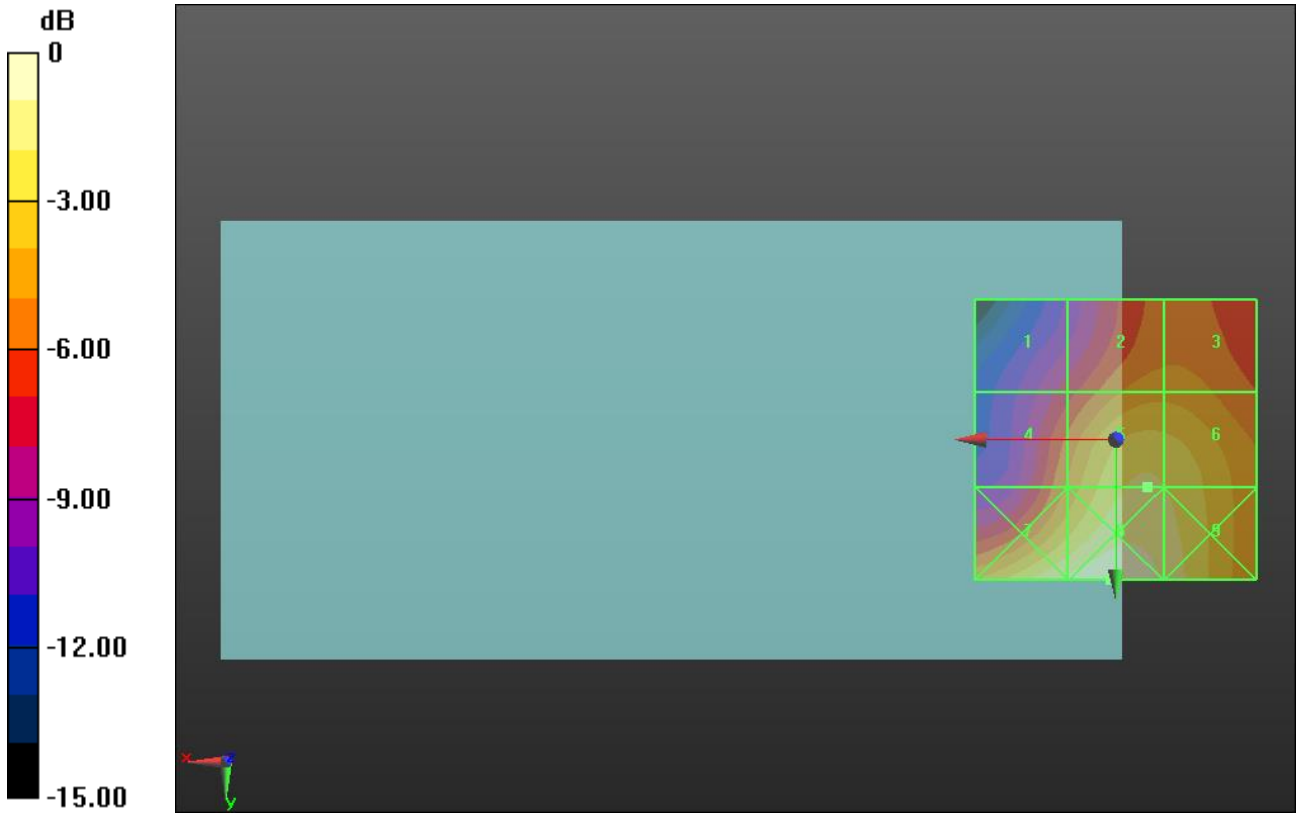
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 55773/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 34.98 V/m; Power Drift = -0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 27.86 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.33 dBV/m**	Grid 2 **M4** **25.36 dBV/m**	Grid 3 **M4** **25.36 dBV/m**
Grid 4 **M4** **24.96 dBV/m**	Grid 5 **M4** **27.86 dBV/m**	Grid 6 **M4** **27.7 dBV/m**
Grid 7 **M4** **29.04 dBV/m**	Grid 8 **M4** **29.69 dBV/m**	Grid 9 **M4** **28.57 dBV/m**



0 dB = 30.51 V/m = 29.69 dBV/m

HAC-RF Emission

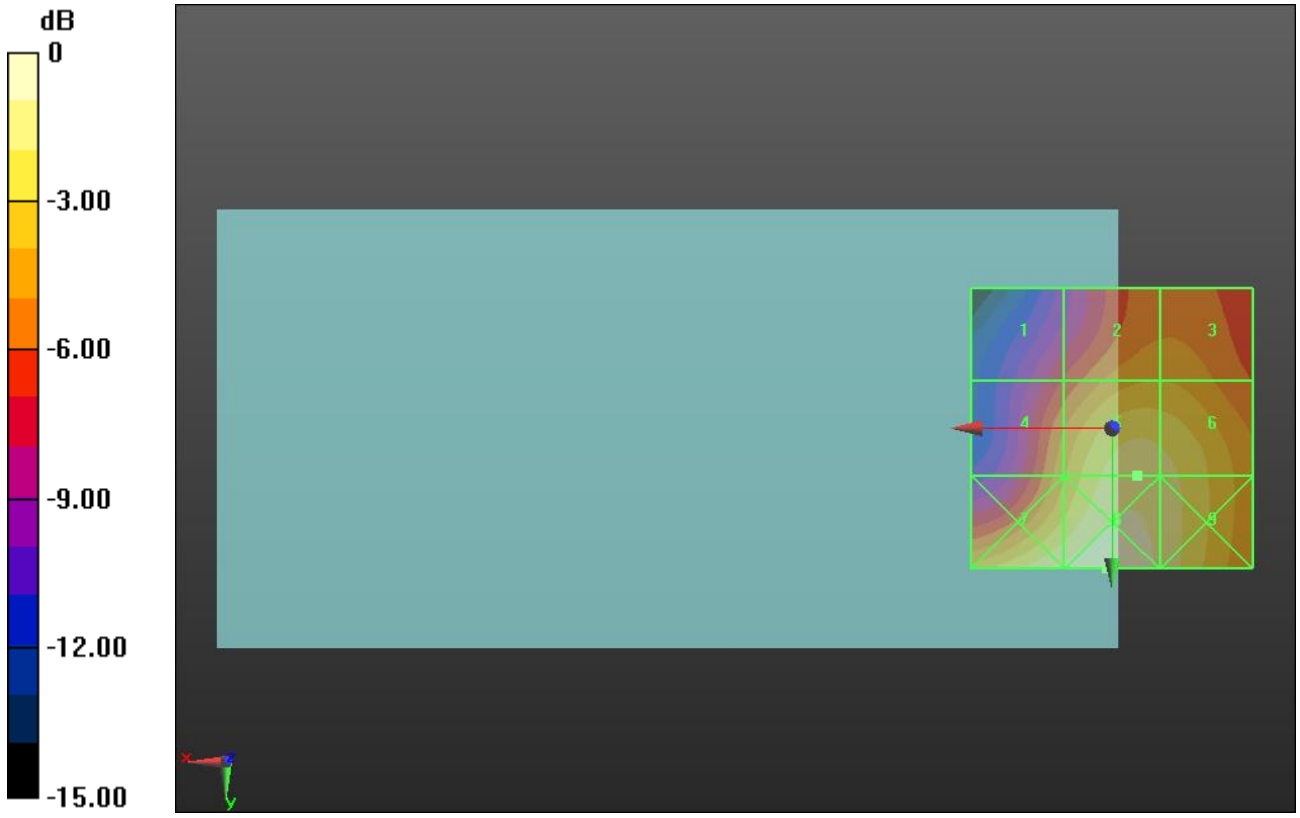
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 56207/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 37.50 V/m; Power Drift = -0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 28.52 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.08 dBV/m**	Grid 2 **M4** **25.91 dBV/m**	Grid 3 **M4** **25.91 dBV/m**
Grid 4 **M4** **25.81 dBV/m**	Grid 5 **M4** **28.52 dBV/m**	Grid 6 **M4** **28.3 dBV/m**
Grid 7 **M4** **29.3 dBV/m**	Grid 8 **M4** **29.89 dBV/m**	Grid 9 **M4** **28.73 dBV/m**



0 dB = 31.22 V/m = 29.89 dBV/m

HAC-RF Emission

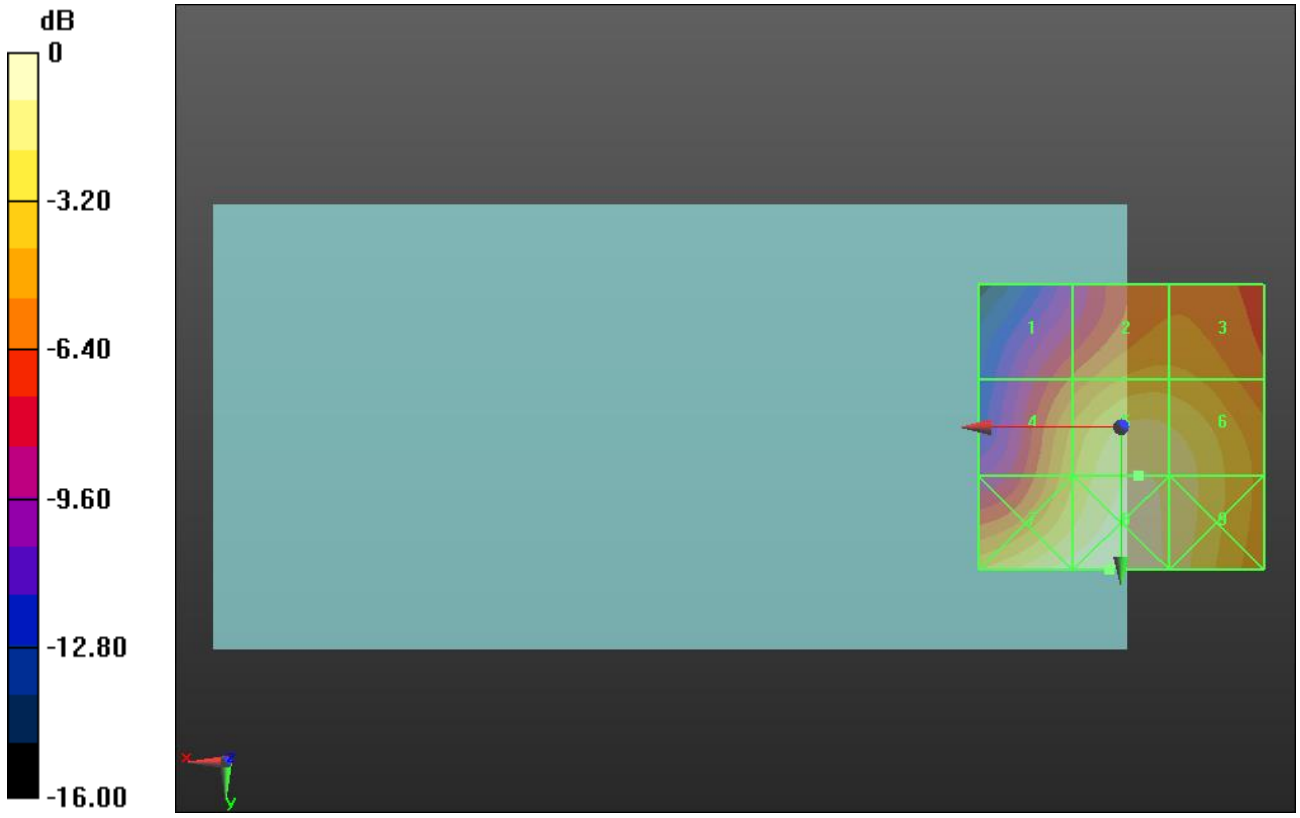
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 56640/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 42.28 V/m; Power Drift = -0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 29.44 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.25 dBV/m**	Grid 2 **M4** **26.69 dBV/m**	Grid 3 **M4** **26.64 dBV/m**
Grid 4 **M4** **27.13 dBV/m**	Grid 5 **M4** **29.44 dBV/m**	Grid 6 **M4** **29.08 dBV/m**
Grid 7 **M3** **30.02 dBV/m**	Grid 8 **M3** **30.45 dBV/m**	Grid 9 **M4** **29.18 dBV/m**



0 dB = 33.29 V/m = 30.45 dBV/m

HAC-RF Emission

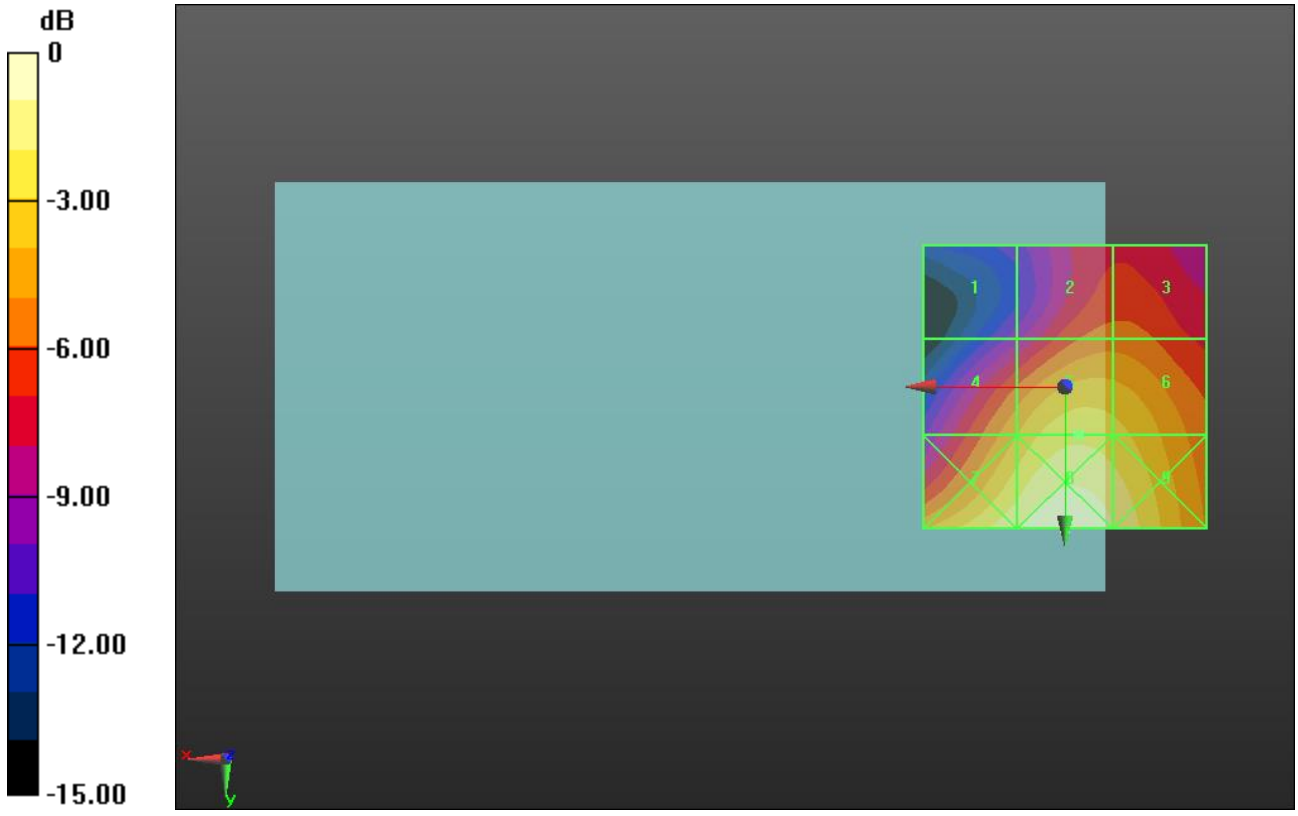
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2417 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2417 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 2/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 32.69 V/m; Power Drift = 0.10 dB
Applied MIF = -2.02 dB
RF audio interference level = 27.17 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.11 dBV/m**	Grid 2 **M4** **23.93 dBV/m**	Grid 3 **M4** **23.94 dBV/m**
Grid 4 **M4** **25.39 dBV/m**	Grid 5 **M4** **27.17 dBV/m**	Grid 6 **M4** **26.8 dBV/m**
Grid 7 **M4** **28.37 dBV/m**	Grid 8 **M4** **29.4 dBV/m**	Grid 9 **M4** **28.47 dBV/m**



0 dB = 29.50 V/m = 29.40 dBV/m

HAC-RF Emission

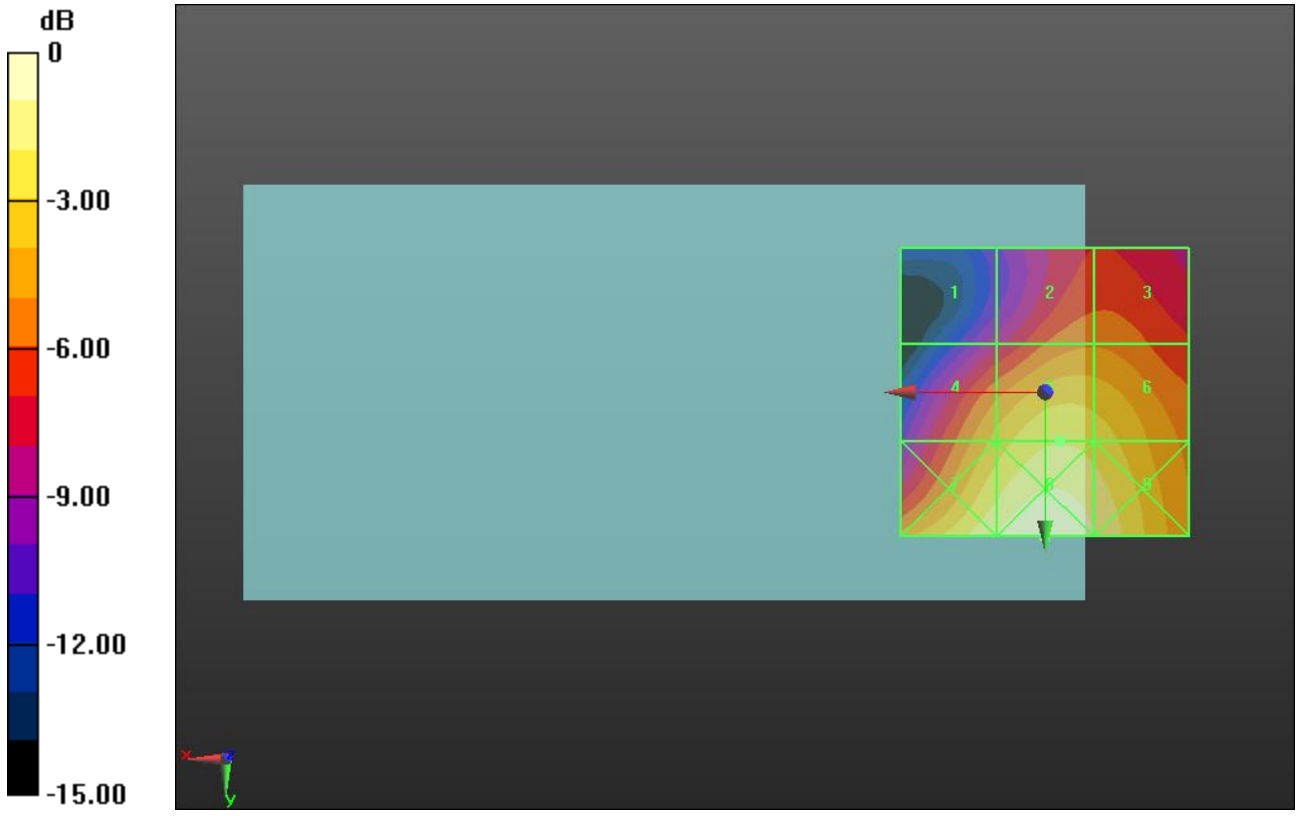
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 6/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 40.92 V/m; Power Drift = -0.04 dB
Applied MIF = -2.02 dB
RF audio interference level = 28.92 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.65 dBV/m**	Grid 2 **M4** **25.85 dBV/m**	Grid 3 **M4** **25.85 dBV/m**
Grid 4 **M4** **27.34 dBV/m**	Grid 5 **M4** **28.92 dBV/m**	Grid 6 **M4** **28.55 dBV/m**
Grid 7 **M3** **30.06 dBV/m**	Grid 8 **M3** **30.96 dBV/m**	Grid 9 **M3** **30.07 dBV/m**



0 dB = 35.32 V/m = 30.96 dBV/m

HAC-RF Emission

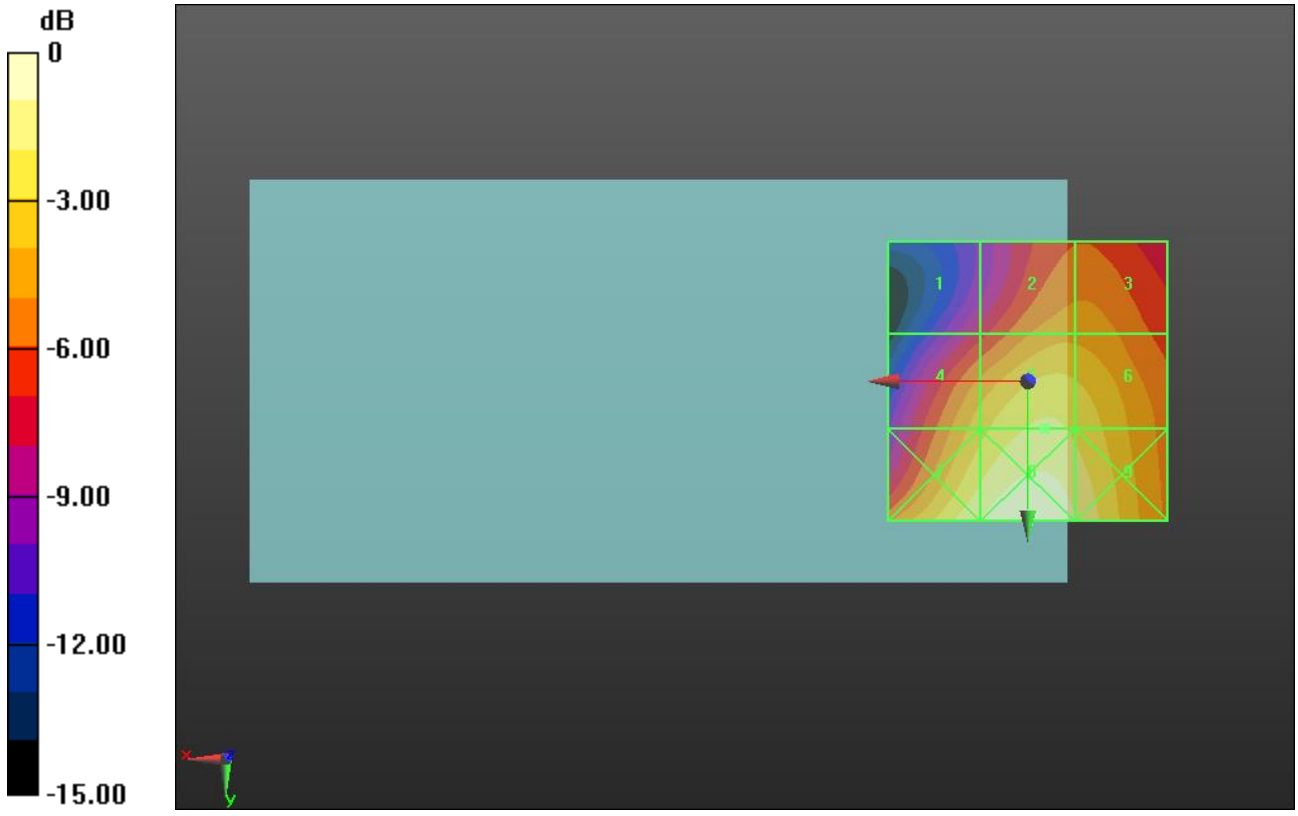
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 11/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 42.41 V/m; Power Drift = 0.05 dB
Applied MIF = -2.02 dB
RF audio interference level = 28.95 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.35 dBV/m**	Grid 2 **M4** **26.49 dBV/m**	Grid 3 **M4** **26.49 dBV/m**
Grid 4 **M4** **27.39 dBV/m**	Grid 5 **M4** **28.95 dBV/m**	Grid 6 **M4** **28.55 dBV/m**
Grid 7 **M4** **29.84 dBV/m**	Grid 8 **M3** **30.75 dBV/m**	Grid 9 **M4** **29.81 dBV/m**



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

HAC-RF Emission

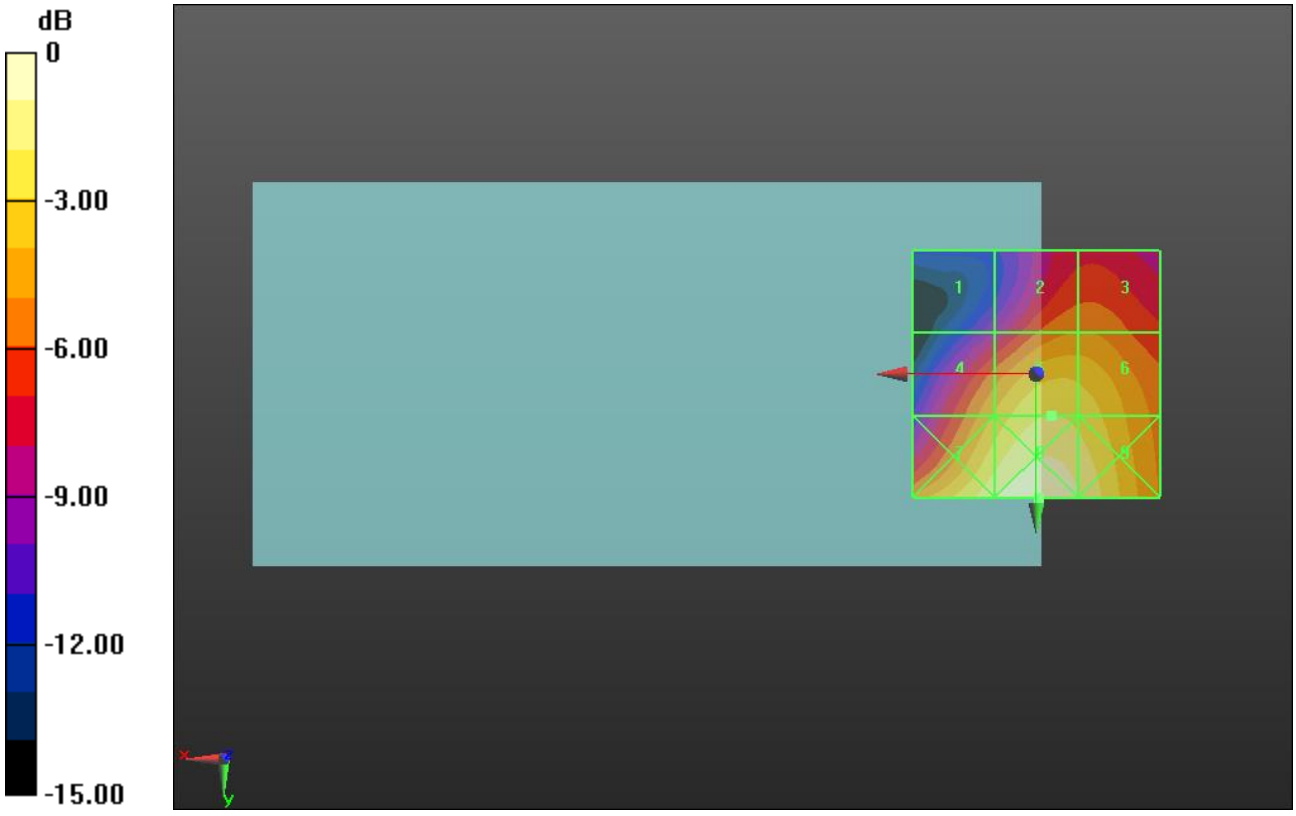
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2422 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2422 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 3/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 31.59 V/m; Power Drift = 0.09 dB
Applied MIF = 0.12 dB
RF audio interference level = 28.80 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.84 dBV/m**	Grid 2 **M4** **25.83 dBV/m**	Grid 3 **M4** **25.83 dBV/m**
Grid 4 **M4** **26.93 dBV/m**	Grid 5 **M4** **28.8 dBV/m**	Grid 6 **M4** **28.48 dBV/m**
Grid 7 **M4** **29.68 dBV/m**	Grid 8 **M3** **30.76 dBV/m**	Grid 9 **M4** **29.86 dBV/m**



0 dB = 34.51 V/m = 30.76 dBV/m

HAC-RF Emission

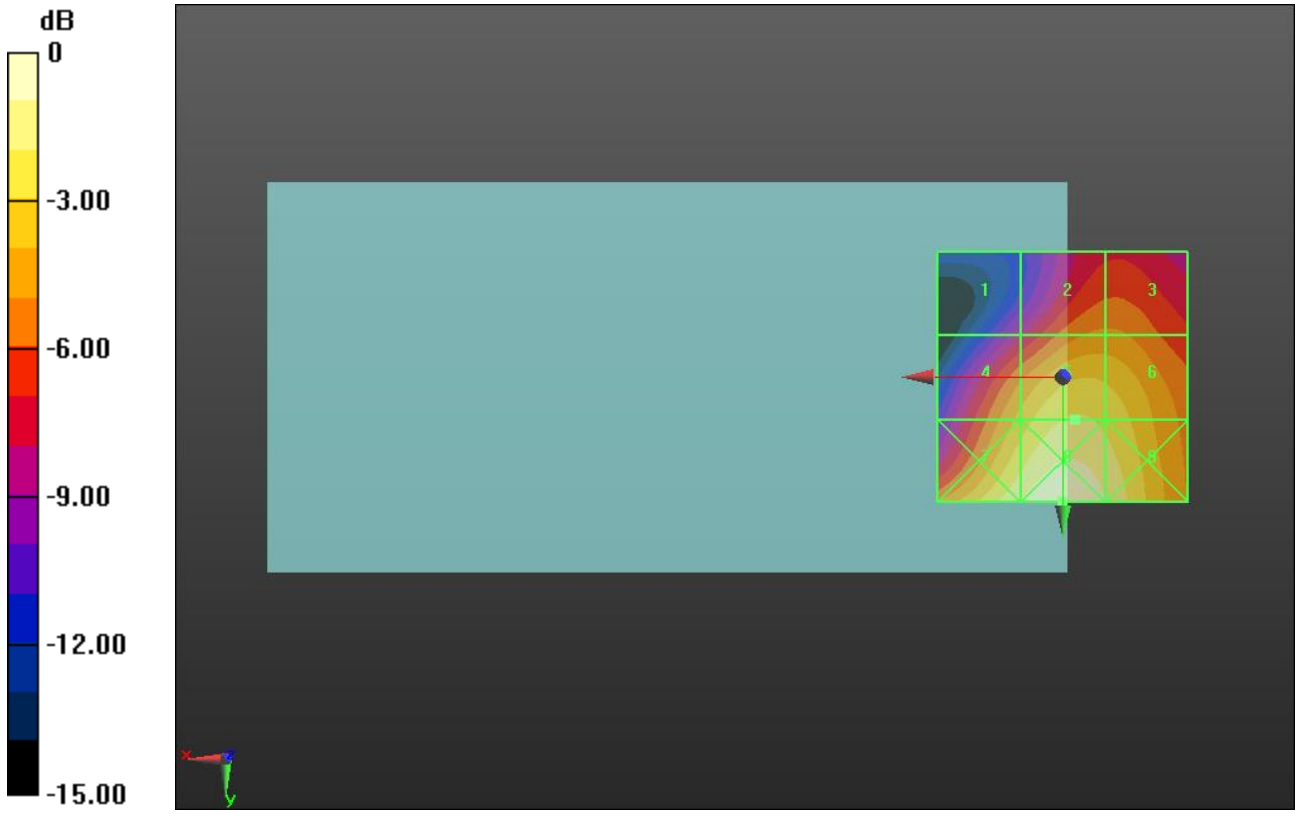
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 6/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 36.21 V/m; Power Drift = 0.02 dB
Applied MIF = 0.12 dB
RF audio interference level = 29.91 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.46 dBV/m**	Grid 2 **M4** **27.04 dBV/m**	Grid 3 **M4** **27.04 dBV/m**
Grid 4 **M4** **28.16 dBV/m**	Grid 5 **M4** **29.91 dBV/m**	Grid 6 **M4** **29.54 dBV/m**
Grid 7 **M3** **30.81 dBV/m**	Grid 8 **M3** **31.78 dBV/m**	Grid 9 **M3** **30.83 dBV/m**



0 dB = 38.80 V/m = 31.78 dBV/m

HAC-RF Emission

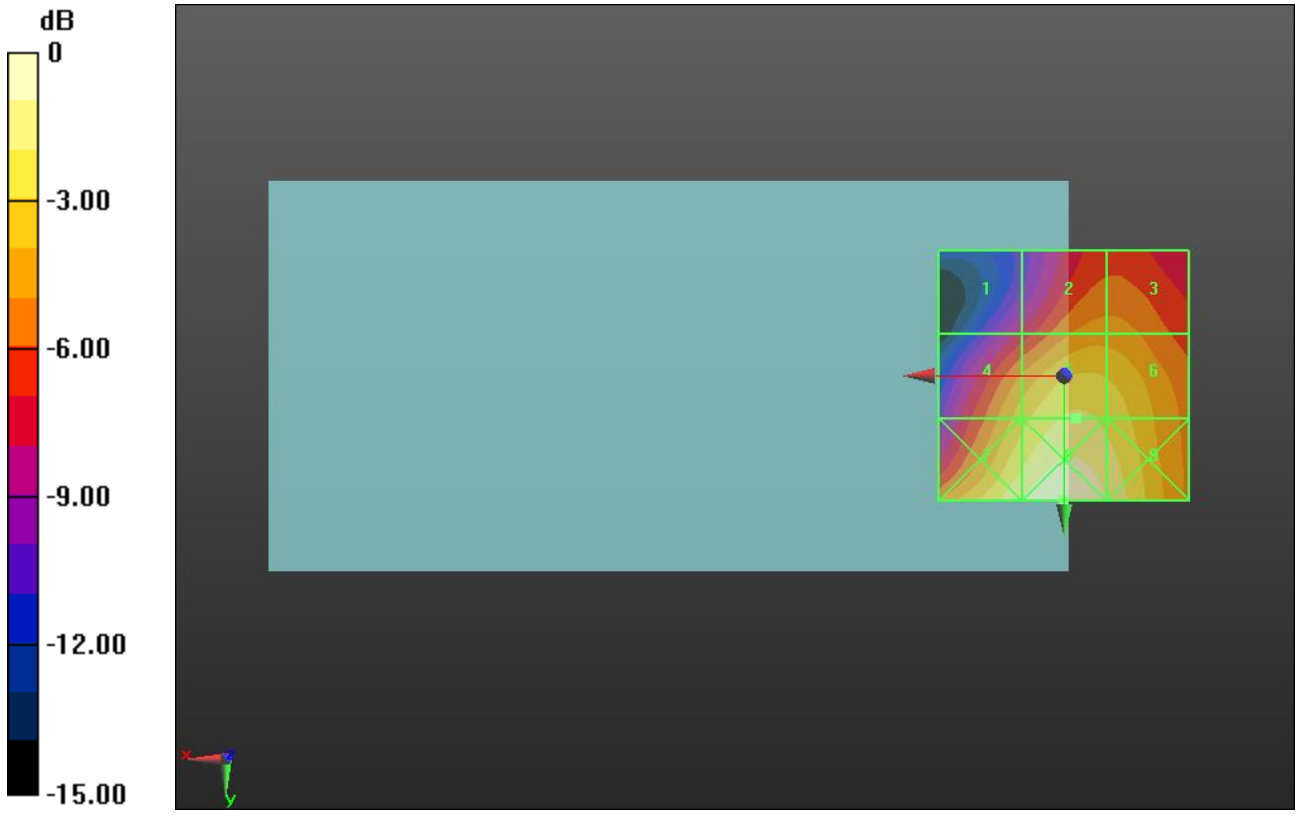
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2452 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 9/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 32.52 V/m; Power Drift = -0.11 dB
Applied MIF = 0.12 dB
RF audio interference level = 28.72 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.88 dBV/m**	Grid 2 **M4** **26.1 dBV/m**	Grid 3 **M4** **26.1 dBV/m**
Grid 4 **M4** **27.13 dBV/m**	Grid 5 **M4** **28.72 dBV/m**	Grid 6 **M4** **28.29 dBV/m**
Grid 7 **M4** **29.6 dBV/m**	Grid 8 **M3** **30.53 dBV/m**	Grid 9 **M4** **29.53 dBV/m**



0 dB = 33.63 V/m = 30.53 dBV/m

HAC-RF Emission

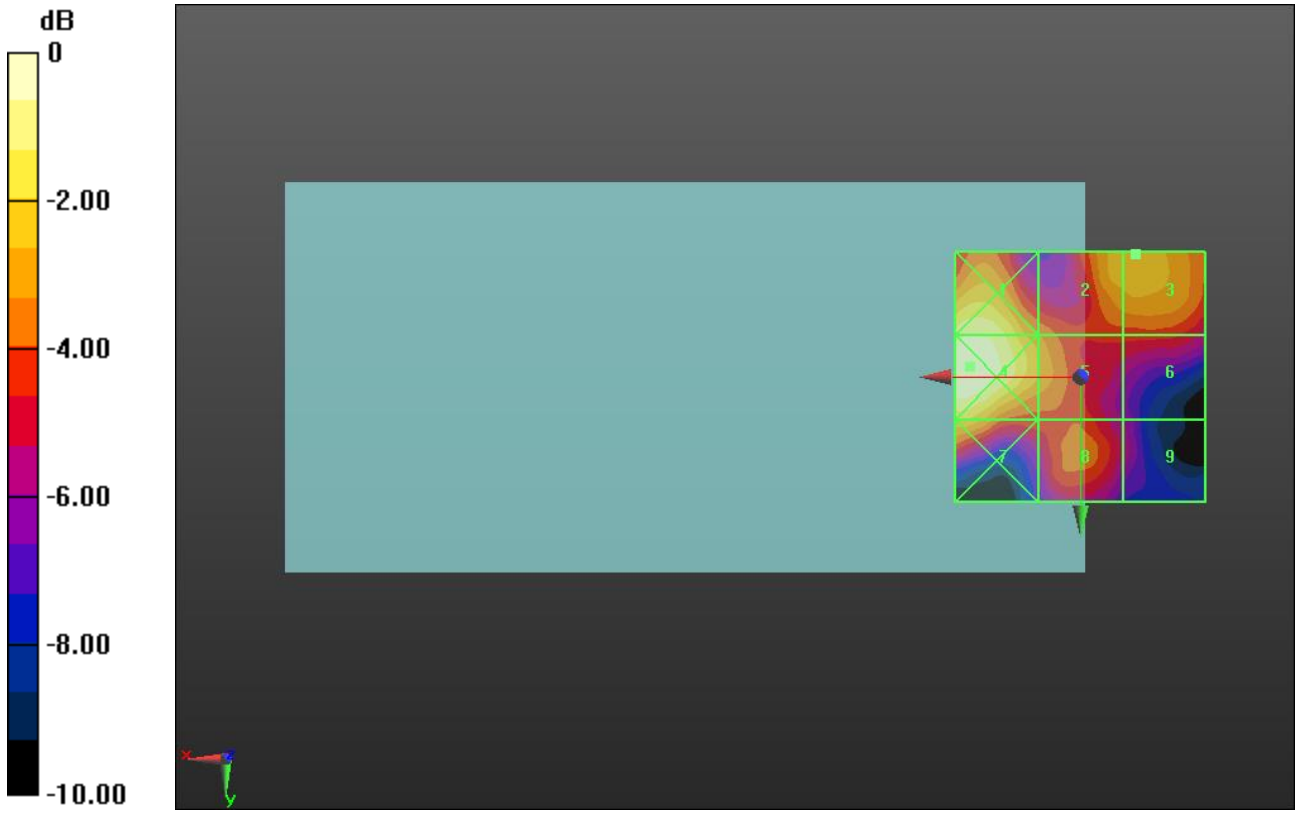
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5200 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5200 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 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 = 7.632 V/m; Power Drift = -0.24 dB
Applied MIF = -5.82 dB
RF audio interference level = 11.86 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **13.36 dBV/m**	Grid 2 **M4** **11.77 dBV/m**	Grid 3 **M4** **11.86 dBV/m**
Grid 4 **M4** **13.99 dBV/m**	Grid 5 **M4** **11.43 dBV/m**	Grid 6 **M4** **9.69 dBV/m**
Grid 7 **M4** **12.07 dBV/m**	Grid 8 **M4** **10.67 dBV/m**	Grid 9 **M4** **8.42 dBV/m**



0 dB = 5.005 V/m = 13.99 dBV/m

HAC-RF Emission

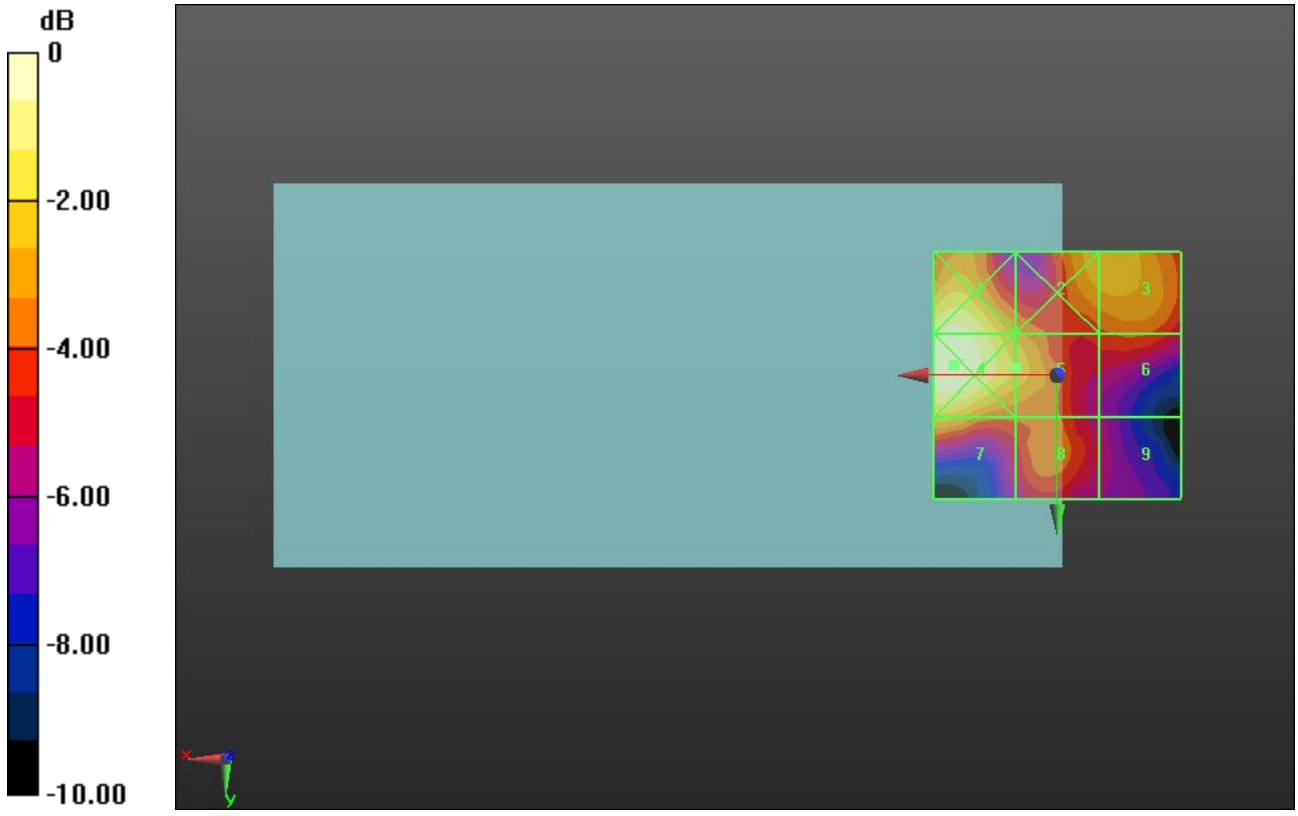
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5220 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5220 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 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 = 7.924 V/m; Power Drift = -0.29 dB
Applied MIF = -5.82 dB
RF audio interference level = 11.89 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **13.62 dBV/m**	Grid 2 **M4** **11.8 dBV/m**	Grid 3 **M4** **11.88 dBV/m**
Grid 4 **M4** **14 dBV/m**	Grid 5 **M4** **11.89 dBV/m**	Grid 6 **M4** **10.18 dBV/m**
Grid 7 **M4** **11.77 dBV/m**	Grid 8 **M4** **10.58 dBV/m**	Grid 9 **M4** **8.59 dBV/m**



0 dB = 5.009 V/m = 14.00 dBV/m

HAC-RF Emission

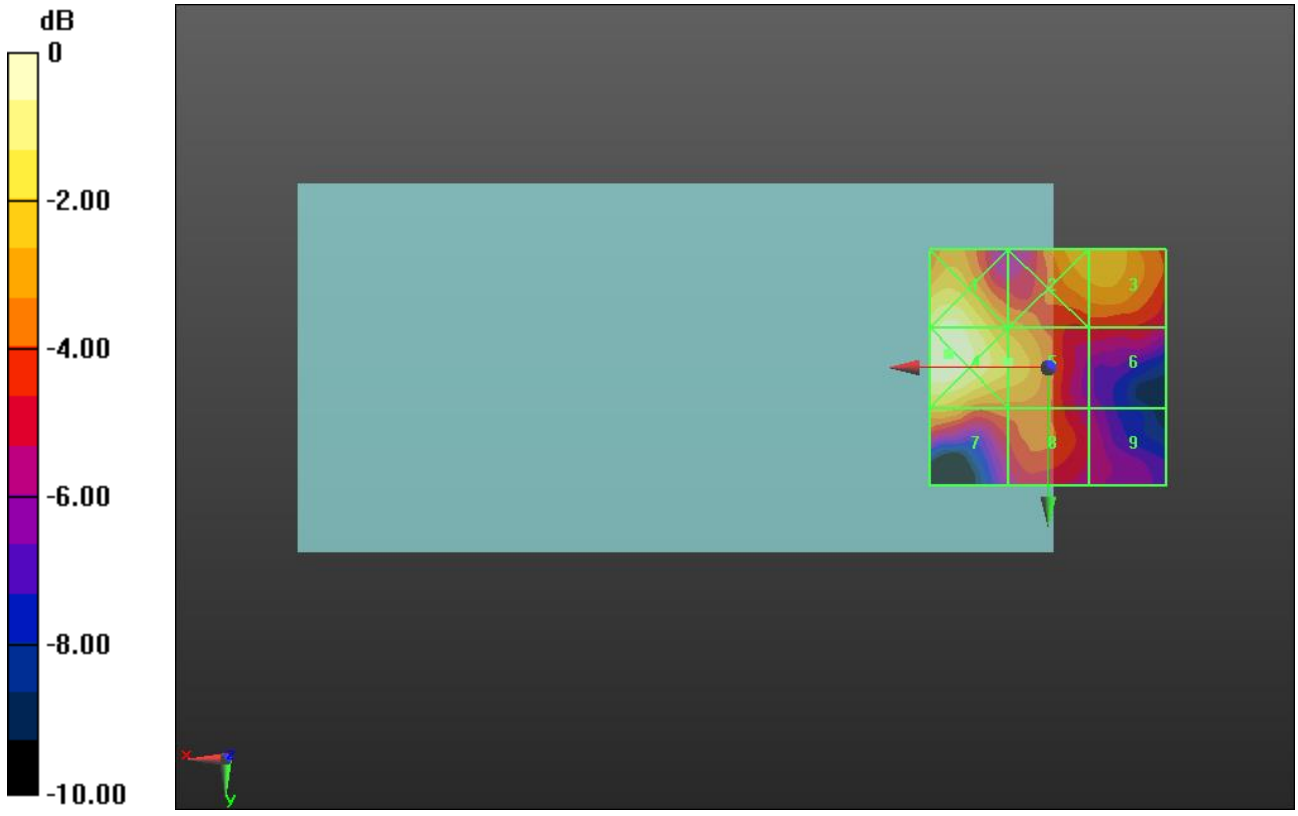
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5240 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5240 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 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 = 8.291 V/m; Power Drift = 0.00 dB
Applied MIF = -5.82 dB
RF audio interference level = 11.99 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **13.51 dBV/m**	Grid 2 **M4** **11.73 dBV/m**	Grid 3 **M4** **11.7 dBV/m**
Grid 4 **M4** **13.91 dBV/m**	Grid 5 **M4** **11.99 dBV/m**	Grid 6 **M4** **9.39 dBV/m**
Grid 7 **M4** **11.71 dBV/m**	Grid 8 **M4** **10.36 dBV/m**	Grid 9 **M4** **8.65 dBV/m**



0 dB = 4.961 V/m = 13.91 dBV/m

HAC-RF Emission

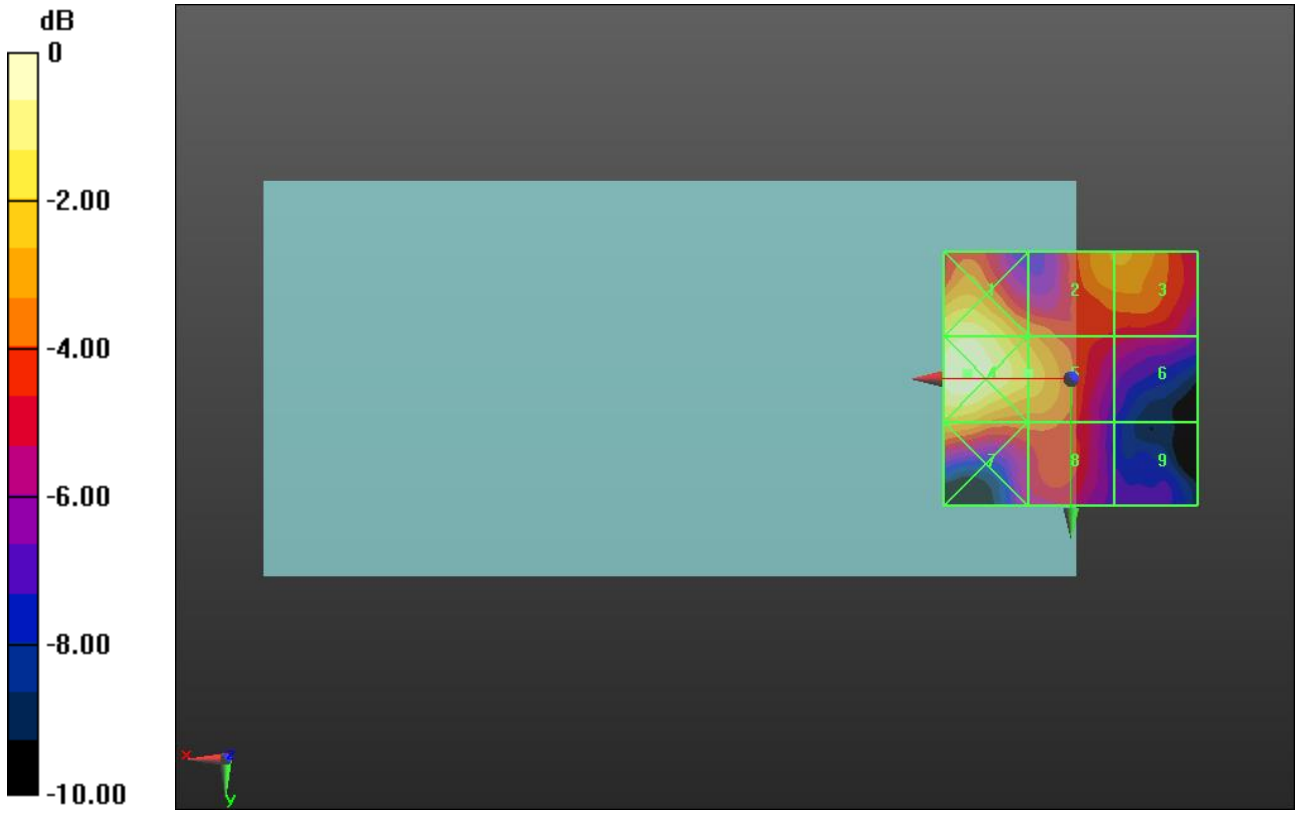
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5260 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5260 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 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 = 8.034 V/m; Power Drift = -0.10 dB
Applied MIF = -5.82 dB
RF audio interference level = 11.97 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **13.14 dBV/m**	Grid 2 **M4** **11.29 dBV/m**	Grid 3 **M4** **11.31 dBV/m**
Grid 4 **M4** **13.89 dBV/m**	Grid 5 **M4** **11.97 dBV/m**	Grid 6 **M4** **9.02 dBV/m**
Grid 7 **M4** **11.58 dBV/m**	Grid 8 **M4** **10.21 dBV/m**	Grid 9 **M4** **7.02 dBV/m**



0 dB = 4.947 V/m = 13.89 dBV/m

HAC-RF Emission

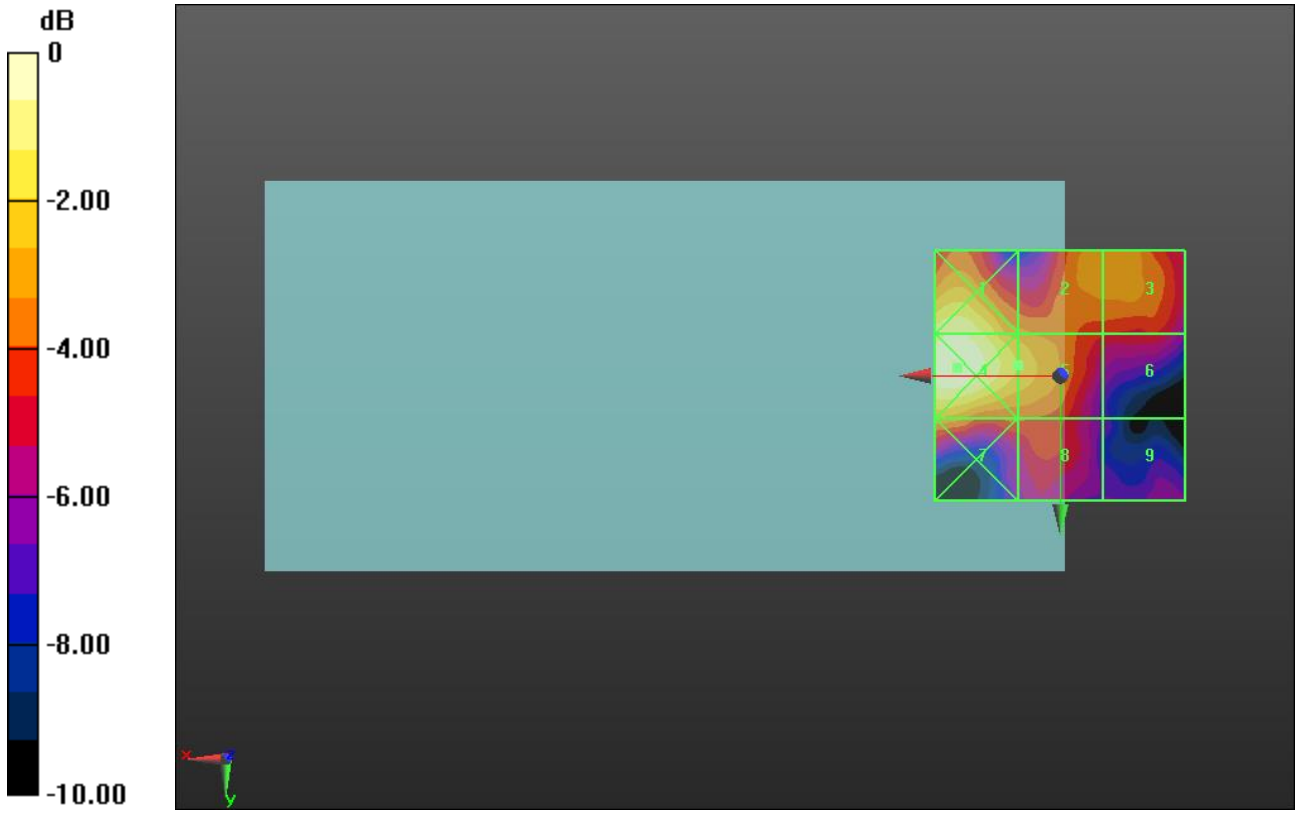
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5280 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5280 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 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 = 8.810 V/m; Power Drift = -0.10 dB
Applied MIF = -5.82 dB
RF audio interference level = 12.05 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **13.47 dBV/m**	Grid 2 **M4** **11.32 dBV/m**	Grid 3 **M4** **11.33 dBV/m**
Grid 4 **M4** **14.09 dBV/m**	Grid 5 **M4** **12.05 dBV/m**	Grid 6 **M4** **9.59 dBV/m**
Grid 7 **M4** **11.39 dBV/m**	Grid 8 **M4** **10.26 dBV/m**	Grid 9 **M4** **7.77 dBV/m**



0 dB = 5.065 V/m = 14.09 dBV/m

HAC-RF Emission

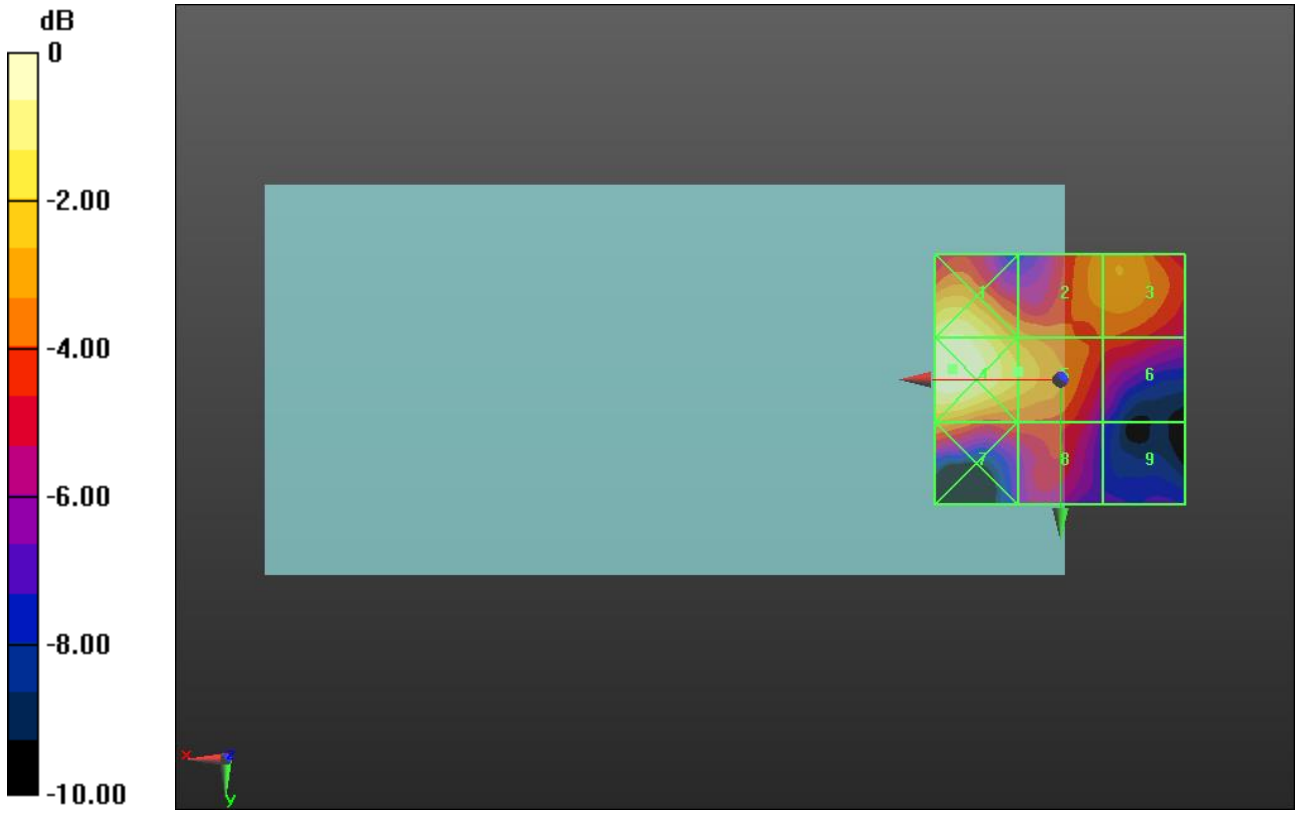
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5300 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5300 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 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 = 9.102 V/m; Power Drift = 0.14 dB
Applied MIF = -5.82 dB
RF audio interference level = 12.48 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **13.89 dBV/m**	Grid 2 **M4** **11.59 dBV/m**	Grid 3 **M4** **11.77 dBV/m**
Grid 4 **M4** **14.41 dBV/m**	Grid 5 **M4** **12.48 dBV/m**	Grid 6 **M4** **10.45 dBV/m**
Grid 7 **M4** **11.67 dBV/m**	Grid 8 **M4** **10.41 dBV/m**	Grid 9 **M4** **7.52 dBV/m**



0 dB = 5.257 V/m = 14.41 dBV/m

HAC-RF Emission

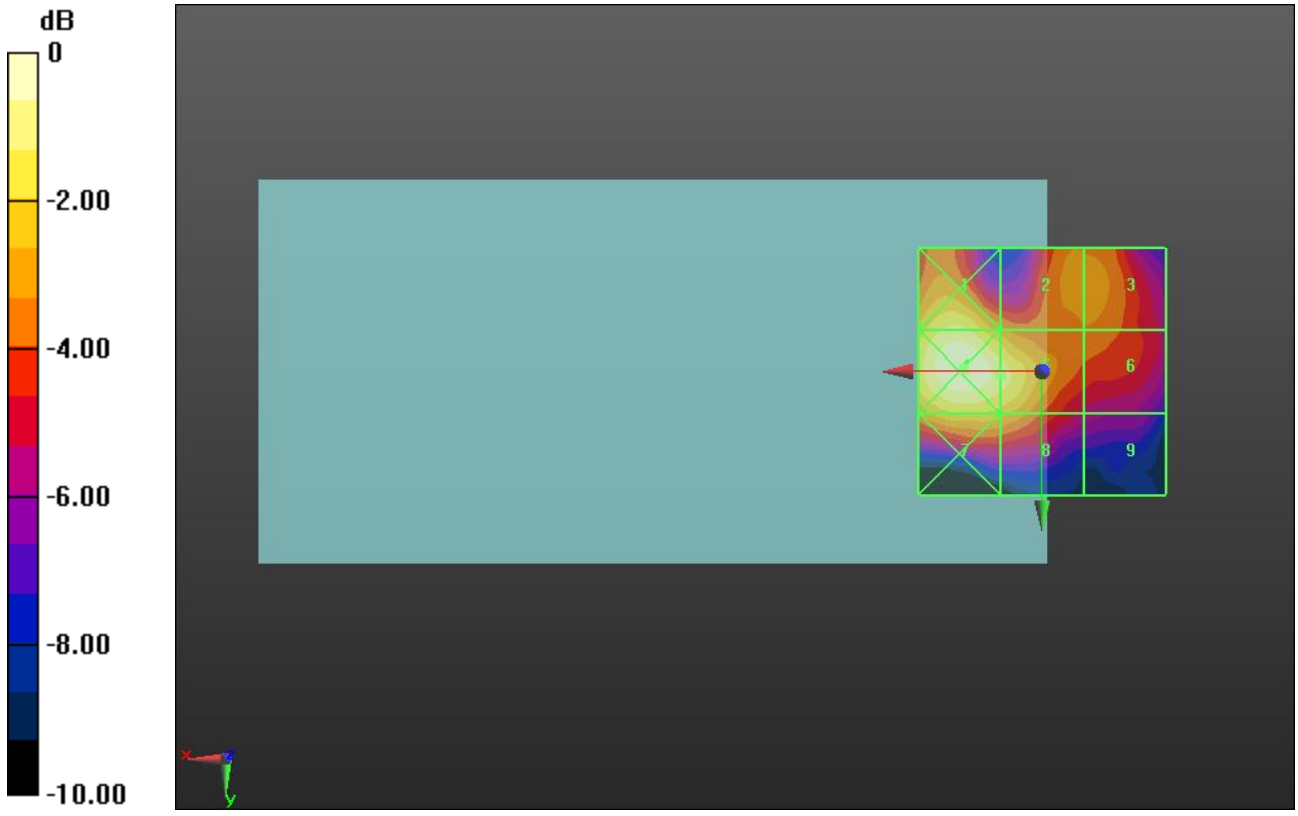
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5520 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5520 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 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 = 9.748 V/m; Power Drift = -0.09 dB
Applied MIF = -5.82 dB
RF audio interference level = 13.54 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **13.38 dBV/m**	Grid 2 **M4** **11.56 dBV/m**	Grid 3 **M4** **11.55 dBV/m**
Grid 4 **M4** **14.49 dBV/m**	Grid 5 **M4** **13.54 dBV/m**	Grid 6 **M4** **11.09 dBV/m**
Grid 7 **M4** **12.47 dBV/m**	Grid 8 **M4** **12.15 dBV/m**	Grid 9 **M4** **8.98 dBV/m**



0 dB = 5.305 V/m = 14.49 dBV/m

HAC-RF Emission

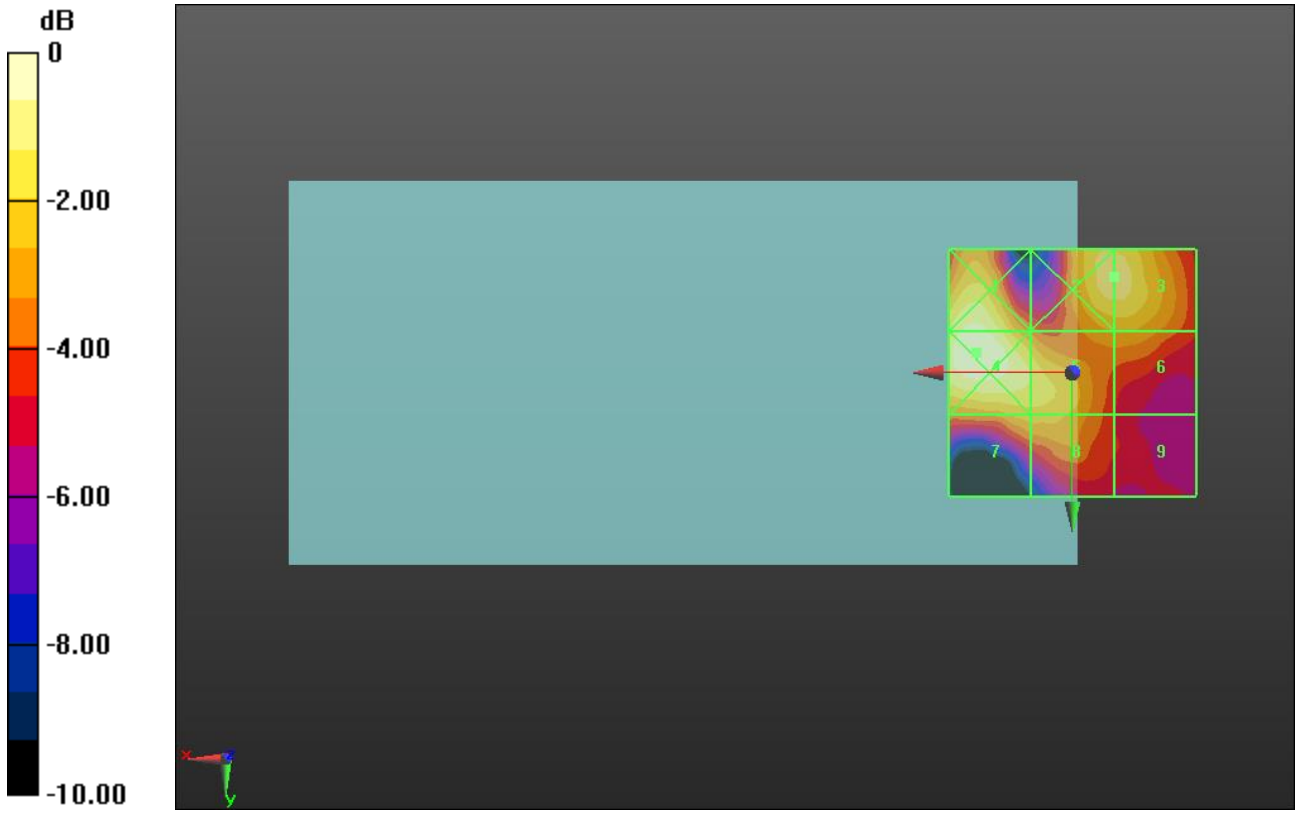
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5620 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5620 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 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 = 8.690 V/m; Power Drift = -0.16 dB
Applied MIF = -5.82 dB
RF audio interference level = 12.72 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **13.28 dBV/m**	Grid 2 **M4** **12.75 dBV/m**	Grid 3 **M4** **12.72 dBV/m**
Grid 4 **M4** **13.68 dBV/m**	Grid 5 **M4** **12.36 dBV/m**	Grid 6 **M4** **11.14 dBV/m**
Grid 7 **M4** **11.46 dBV/m**	Grid 8 **M4** **11.46 dBV/m**	Grid 9 **M4** **9.13 dBV/m**



0 dB = 4.831 V/m = 13.68 dBV/m

HAC-RF Emission

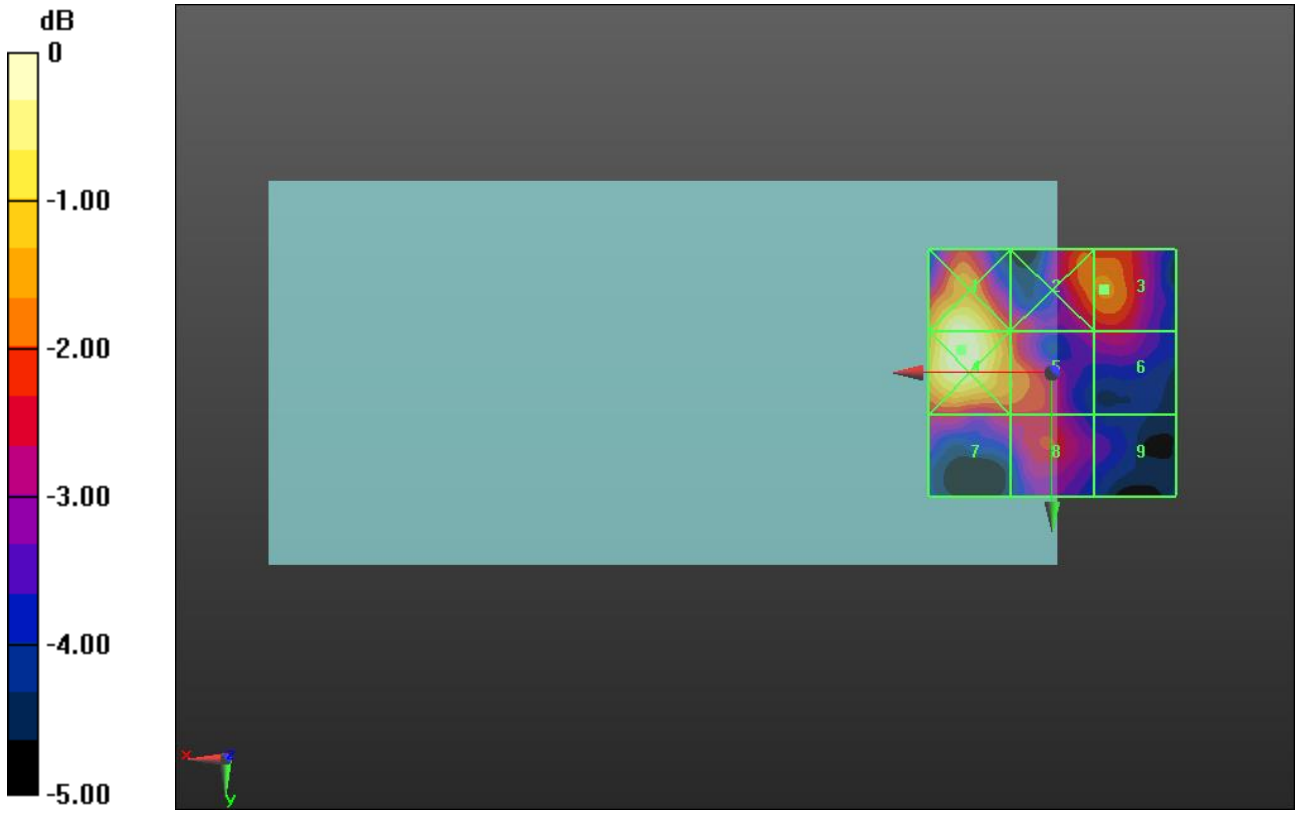
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5720 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5720 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 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 = 10.55 V/m; Power Drift = 0.15 dB
Applied MIF = -5.82 dB
RF audio interference level = 14.26 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.7 dBV/m**	Grid 2 **M4** **14.18 dBV/m**	Grid 3 **M4** **14.26 dBV/m**
Grid 4 **M4** **15.84 dBV/m**	Grid 5 **M4** **14.22 dBV/m**	Grid 6 **M4** **13.33 dBV/m**
Grid 7 **M4** **13.41 dBV/m**	Grid 8 **M4** **13.57 dBV/m**	Grid 9 **M4** **12.54 dBV/m**



0 dB = 6.193 V/m = 15.84 dBV/m

HAC-RF Emission

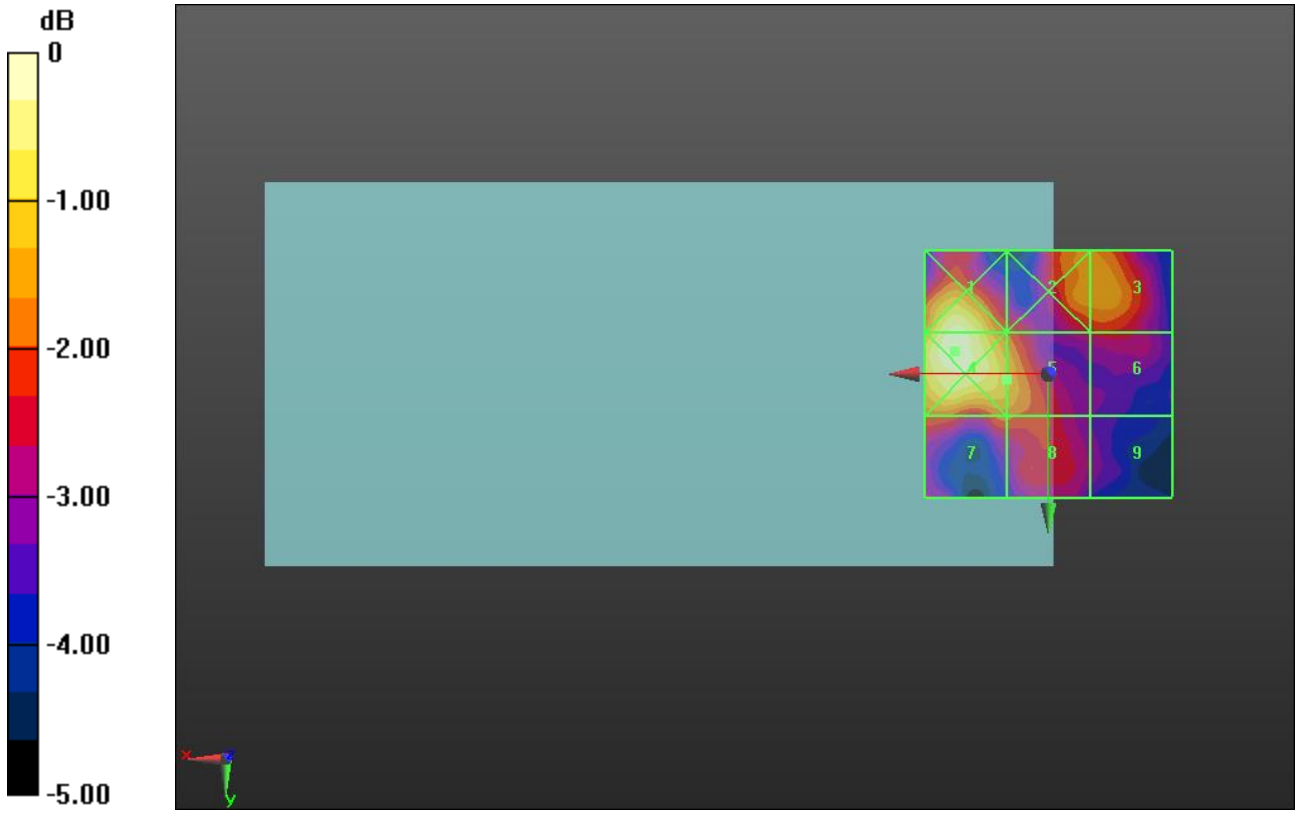
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5745 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 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 = 10.48 V/m; Power Drift = -0.09 dB
Applied MIF = -5.82 dB
RF audio interference level = 14.22 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.28 dBV/m**	Grid 2 **M4** **14.05 dBV/m**	Grid 3 **M4** **14.06 dBV/m**
Grid 4 **M4** **15.45 dBV/m**	Grid 5 **M4** **14.22 dBV/m**	Grid 6 **M4** **13.09 dBV/m**
Grid 7 **M4** **13.6 dBV/m**	Grid 8 **M4** **13.59 dBV/m**	Grid 9 **M4** **12.42 dBV/m**



0 dB = 5.922 V/m = 15.45 dBV/m

HAC-RF Emission

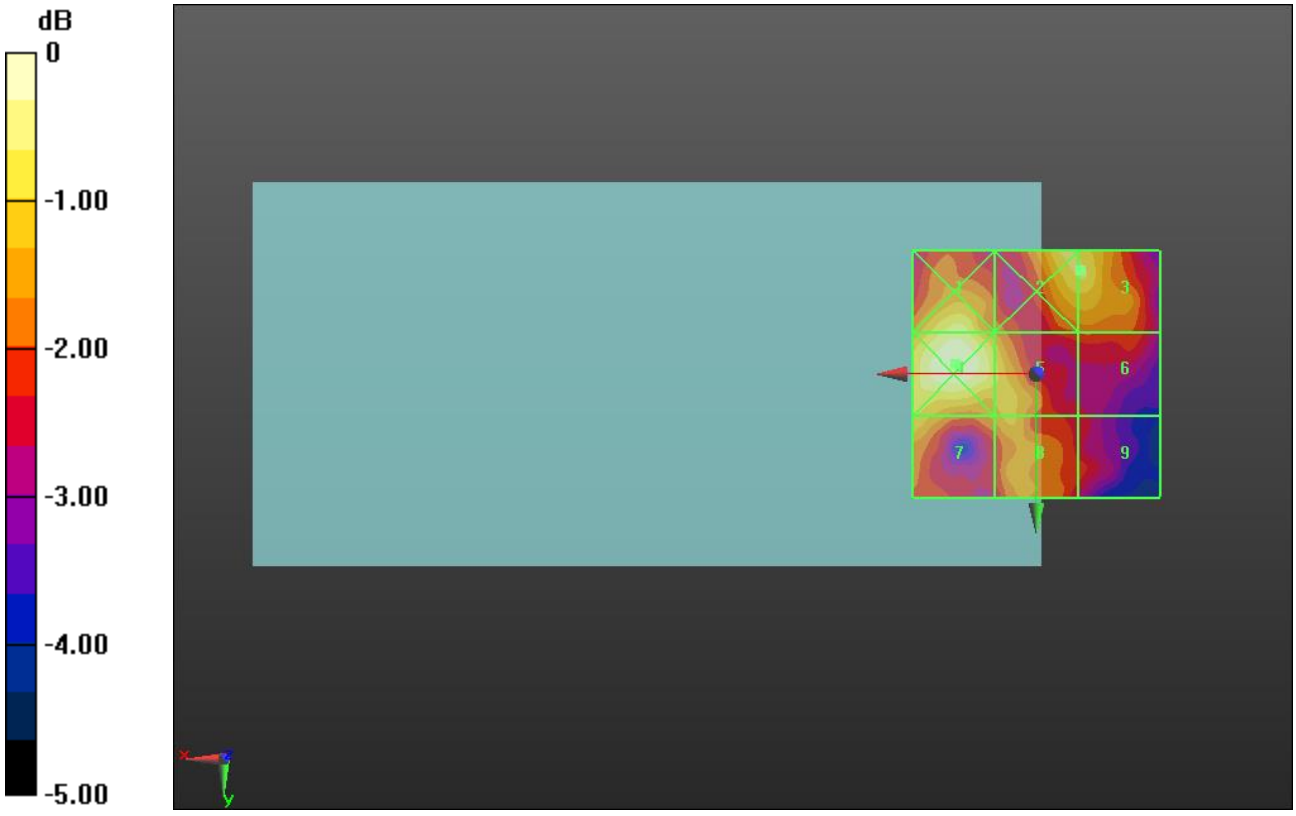
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5785 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 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 = 9.637 V/m; Power Drift = 0.12 dB
Applied MIF = -5.82 dB
RF audio interference level = 14.05 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.2 dBV/m**	Grid 2 **M4** **14.09 dBV/m**	Grid 3 **M4** **14.05 dBV/m**
Grid 4 **M4** **14.65 dBV/m**	Grid 5 **M4** **13.81 dBV/m**	Grid 6 **M4** **12.76 dBV/m**
Grid 7 **M4** **13.66 dBV/m**	Grid 8 **M4** **13.4 dBV/m**	Grid 9 **M4** **12.51 dBV/m**



0 dB = 5.402 V/m = 14.65 dBV/m

HAC-RF Emission

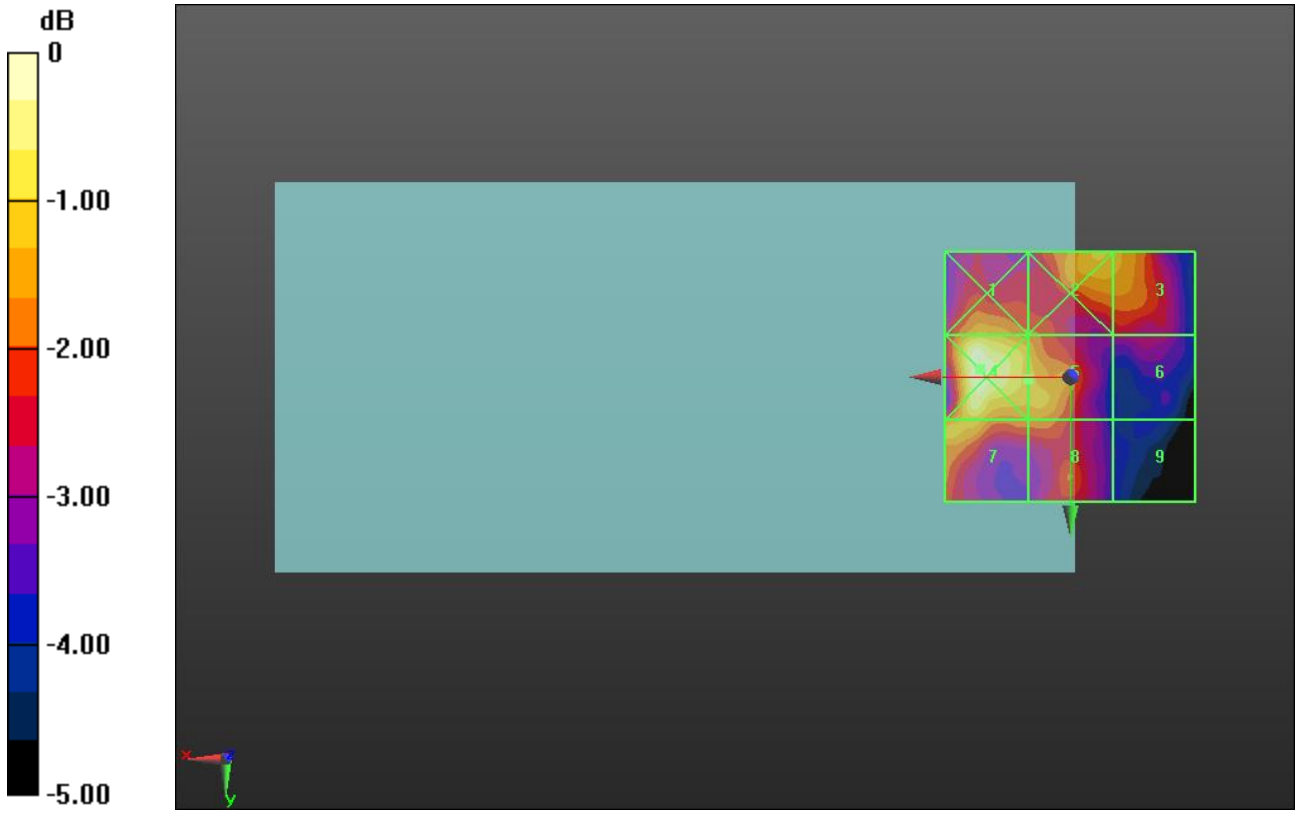
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5825 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5825 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 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 = 10.79 V/m; Power Drift = -0.10 dB
Applied MIF = -5.82 dB
RF audio interference level = 13.77 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **13.7 dBV/m**	Grid 2 **M4** **13.95 dBV/m**	Grid 3 **M4** **13.76 dBV/m**
Grid 4 **M4** **14.89 dBV/m**	Grid 5 **M4** **13.77 dBV/m**	Grid 6 **M4** **12.18 dBV/m**
Grid 7 **M4** **13.77 dBV/m**	Grid 8 **M4** **13.19 dBV/m**	Grid 9 **M4** **11.3 dBV/m**



0 dB = 5.554 V/m = 14.89 dBV/m

HAC-RF Emission

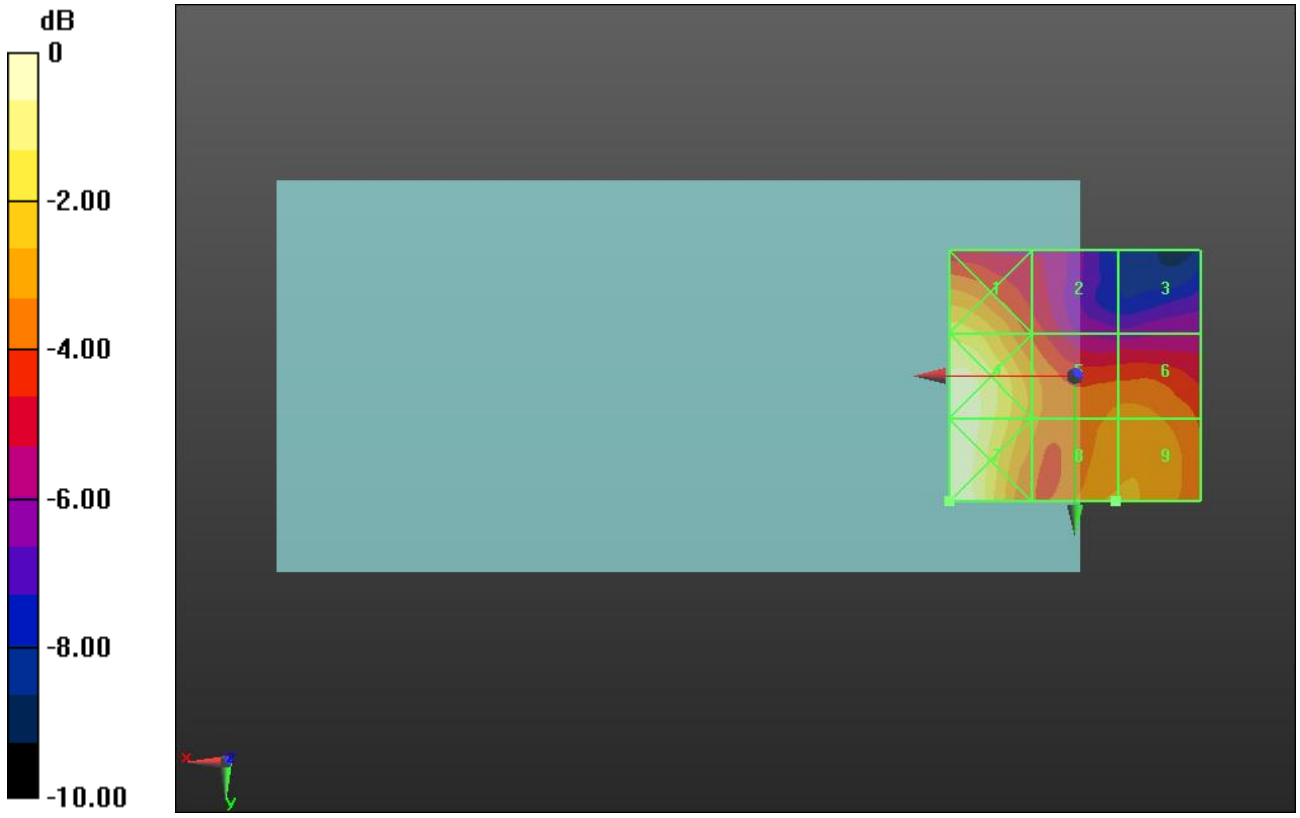
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 55340/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 11.14 V/m; Power Drift = -0.15 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.33 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.34 dBV/m**	Grid 2 **M4** **18.7 dBV/m**	Grid 3 **M4** **17.02 dBV/m**
Grid 4 **M4** **22.7 dBV/m**	Grid 5 **M4** **20.06 dBV/m**	Grid 6 **M4** **19.81 dBV/m**
Grid 7 **M4** **22.91 dBV/m**	Grid 8 **M4** **20.33 dBV/m**	Grid 9 **M4** **20.33 dBV/m**



0 dB = 13.98 V/m = 22.91 dBV/m

HAC-RF Emission

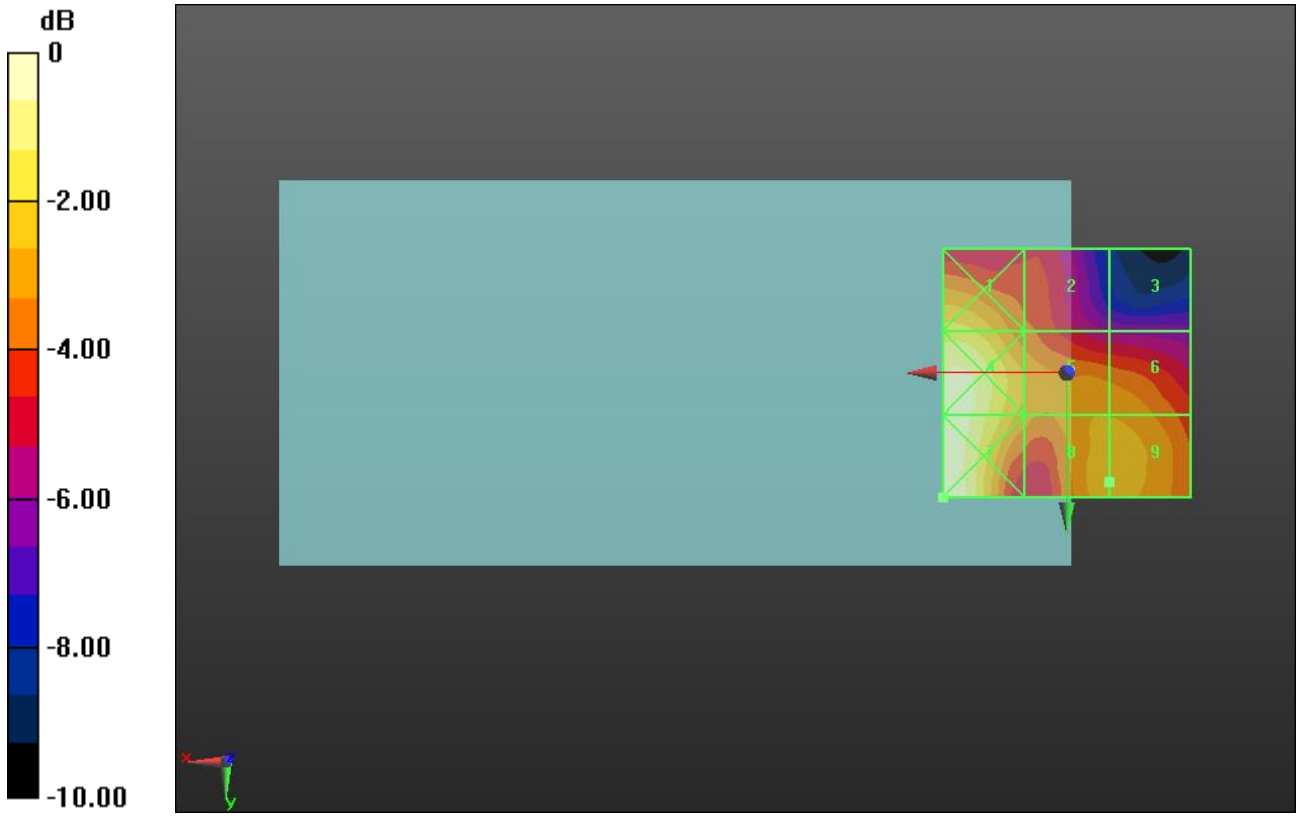
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 55773/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 12.33 V/m; Power Drift = -0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.31 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.93 dBV/m**	Grid 2 **M4** **18.85 dBV/m**	Grid 3 **M4** **16.57 dBV/m**
Grid 4 **M4** **22.24 dBV/m**	Grid 5 **M4** **19.99 dBV/m**	Grid 6 **M4** **19.95 dBV/m**
Grid 7 **M4** **22.62 dBV/m**	Grid 8 **M4** **20.31 dBV/m**	Grid 9 **M4** **20.31 dBV/m**



0 dB = 13.52 V/m = 22.62 dBV/m

HAC-RF Emission

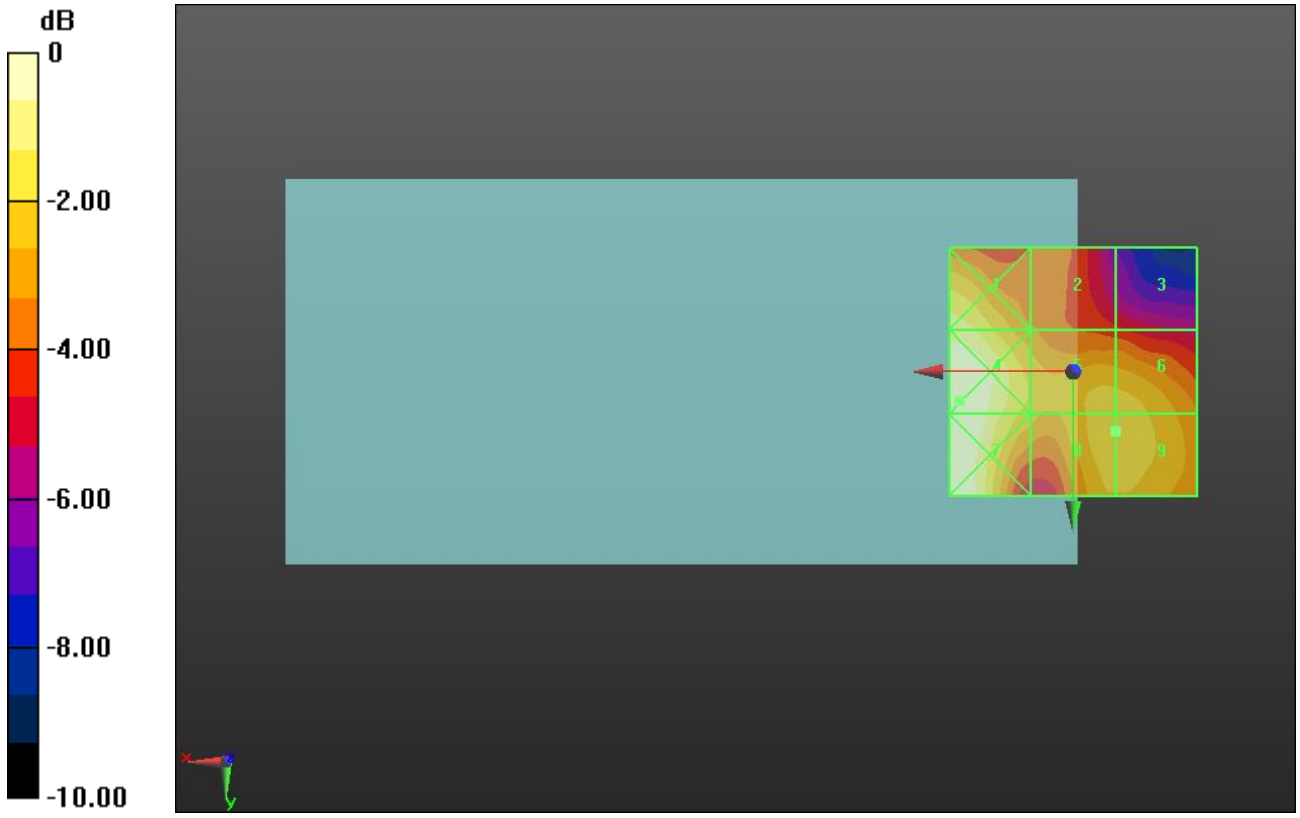
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 56207/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 12.29 V/m; Power Drift = 0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.03 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.7 dBV/m**	Grid 2 **M4** **18.39 dBV/m**	Grid 3 **M4** **17.17 dBV/m**
Grid 4 **M4** **21.62 dBV/m**	Grid 5 **M4** **19.98 dBV/m**	Grid 6 **M4** **19.97 dBV/m**
Grid 7 **M4** **21.61 dBV/m**	Grid 8 **M4** **20.03 dBV/m**	Grid 9 **M4** **20.03 dBV/m**



0 dB = 12.04 V/m = 21.61 dBV/m

HAC-RF Emission

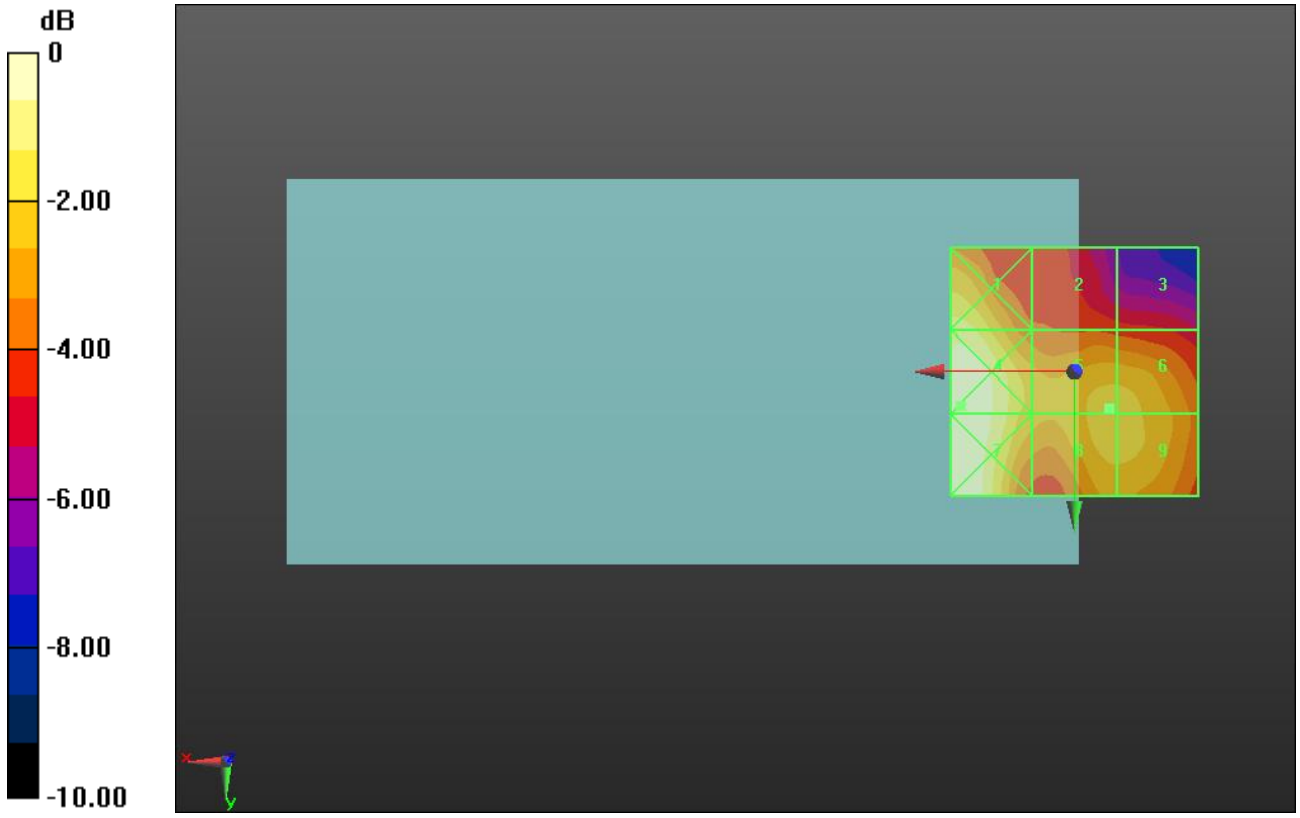
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 56640/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 11.98 V/m; Power Drift = -0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.78 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.5 dBV/m**	Grid 2 **M4** **17.71 dBV/m**	Grid 3 **M4** **17.25 dBV/m**
Grid 4 **M4** **21.5 dBV/m**	Grid 5 **M4** **19.78 dBV/m**	Grid 6 **M4** **19.77 dBV/m**
Grid 7 **M4** **21.5 dBV/m**	Grid 8 **M4** **19.78 dBV/m**	Grid 9 **M4** **19.74 dBV/m**



0 dB = 11.89 V/m = 21.50 dBV/m

HAC-RF Emission

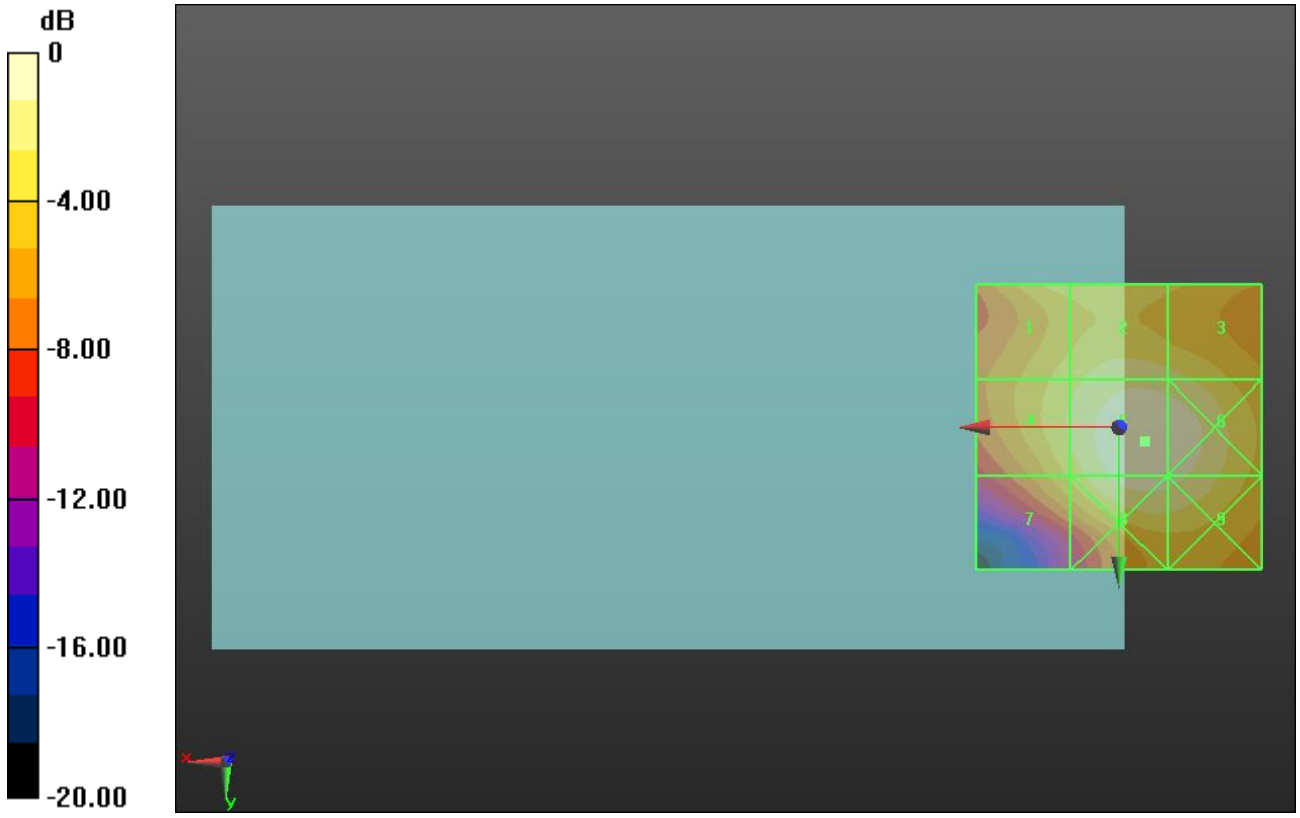
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 55340/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 44.44 V/m; Power Drift = -0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 28.21 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.19 dBV/m**	Grid 2 **M4** **26.48 dBV/m**	Grid 3 **M4** **26.1 dBV/m**
Grid 4 **M4** **25.78 dBV/m**	Grid 5 **M4** **28.21 dBV/m**	Grid 6 **M4** **27.97 dBV/m**
Grid 7 **M4** **24.56 dBV/m**	Grid 8 **M4** **27.6 dBV/m**	Grid 9 **M4** **27.37 dBV/m**



0 dB = 25.74 V/m = 28.21 dBV/m

HAC-RF Emission

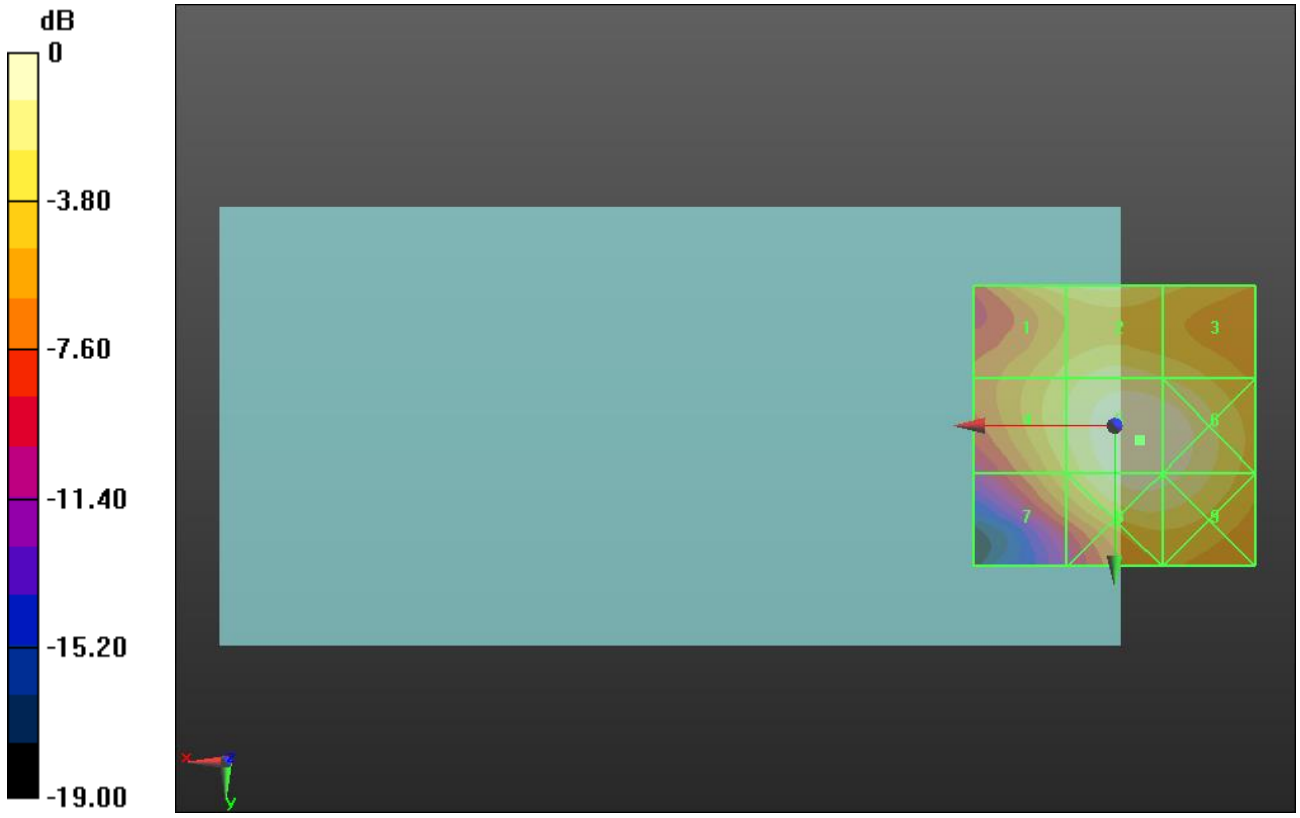
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 55773/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 43.42 V/m; Power Drift = -0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 27.90 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.37 dBV/m**	Grid 2 **M4** **26.02 dBV/m**	Grid 3 **M4** **25.43 dBV/m**
Grid 4 **M4** **25.55 dBV/m**	Grid 5 **M4** **27.9 dBV/m**	Grid 6 **M4** **27.66 dBV/m**
Grid 7 **M4** **24.26 dBV/m**	Grid 8 **M4** **27.4 dBV/m**	Grid 9 **M4** **27.16 dBV/m**



0 dB = 24.84 V/m = 27.90 dBV/m

HAC-RF Emission

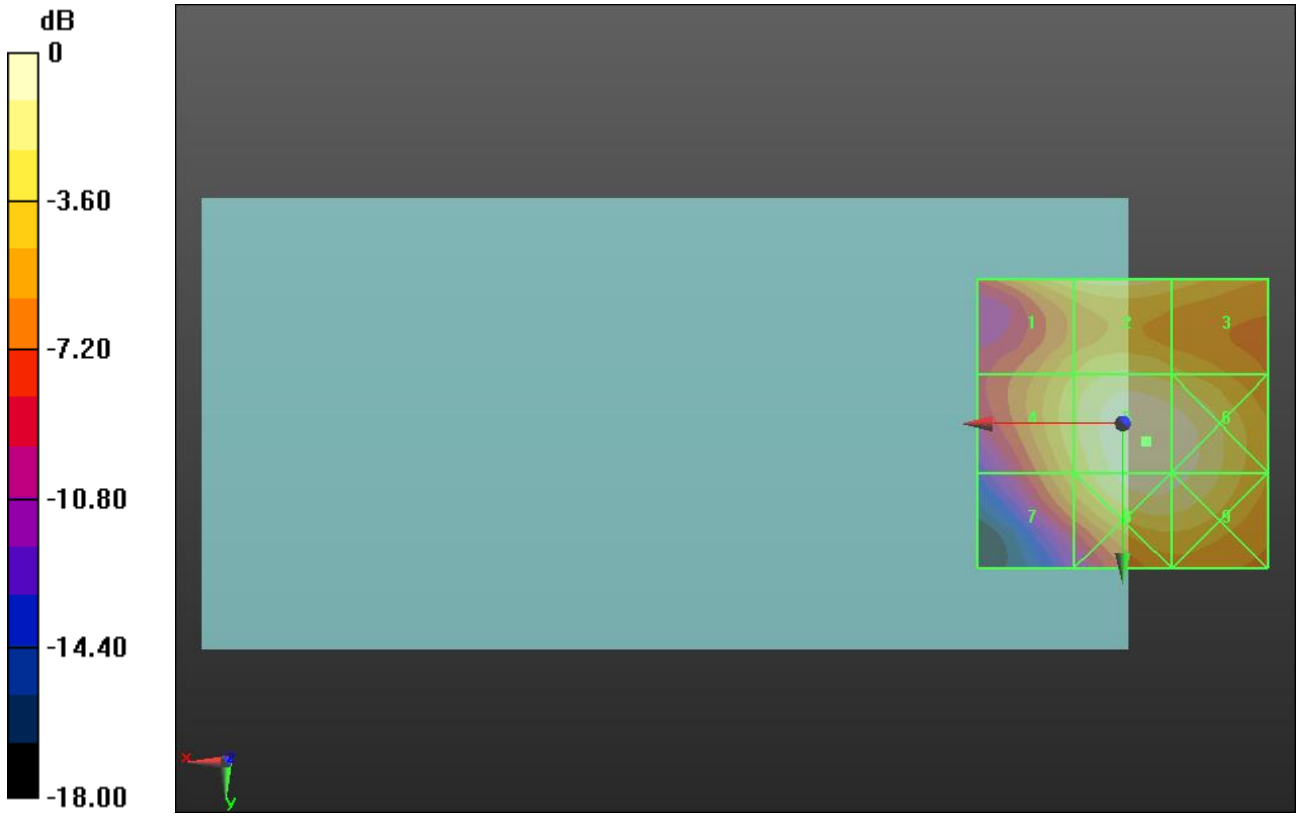
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 56207/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 40.92 V/m; Power Drift = -0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 27.19 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.02 dBV/m**	Grid 2 **M4** **25.75 dBV/m**	Grid 3 **M4** **24.7 dBV/m**
Grid 4 **M4** **24.59 dBV/m**	Grid 5 **M4** **27.19 dBV/m**	Grid 6 **M4** **26.91 dBV/m**
Grid 7 **M4** **23.45 dBV/m**	Grid 8 **M4** **26.85 dBV/m**	Grid 9 **M4** **26.58 dBV/m**



0 dB = 22.88 V/m = 27.19 dBV/m

HAC-RF Emission

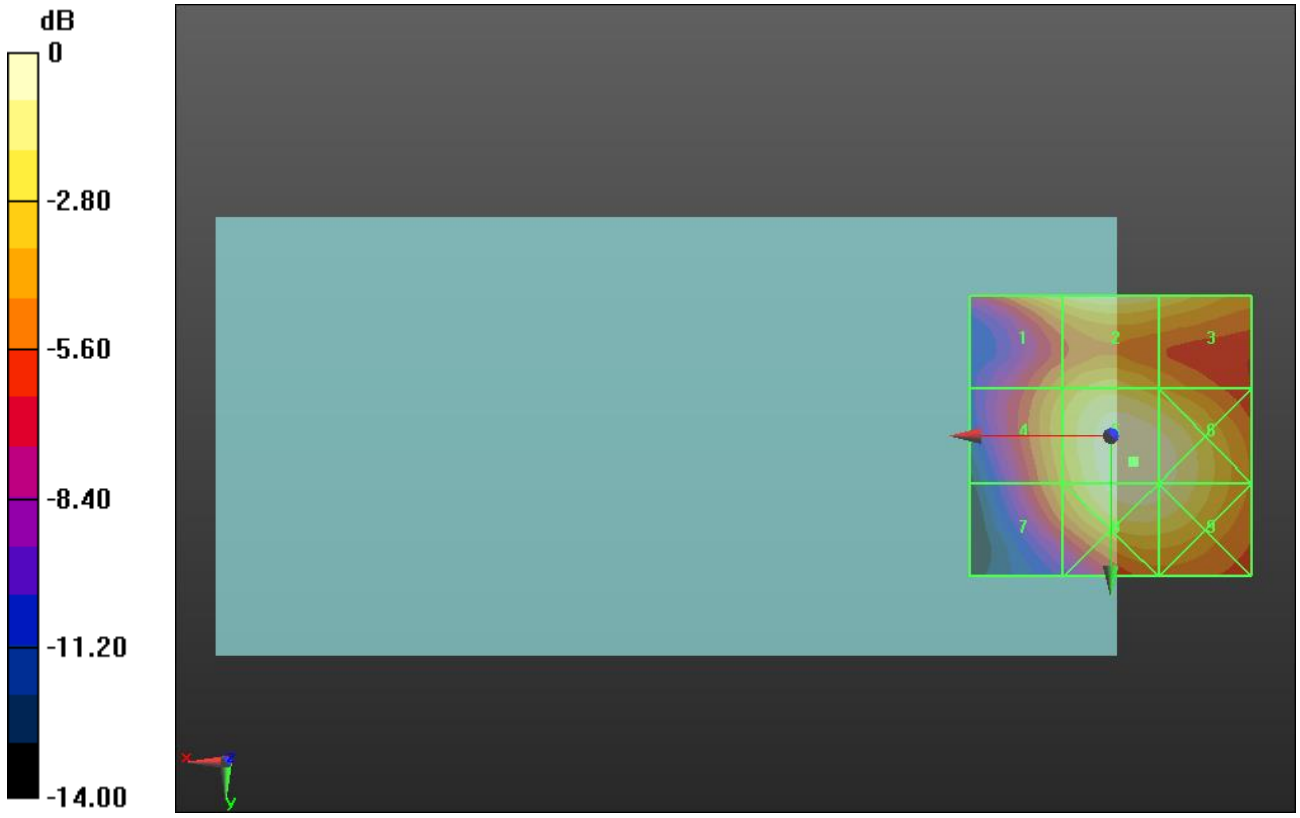
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 56640/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 38.22 V/m; Power Drift = 0.00 dB
Applied MIF = -1.44 dB
RF audio interference level = 26.42 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.95 dBV/m**	Grid 2 **M4** **25.9 dBV/m**	Grid 3 **M4** **24.9 dBV/m**
Grid 4 **M4** **23.69 dBV/m**	Grid 5 **M4** **26.42 dBV/m**	Grid 6 **M4** **26.07 dBV/m**
Grid 7 **M4** **22.96 dBV/m**	Grid 8 **M4** **26.23 dBV/m**	Grid 9 **M4** **25.9 dBV/m**



0 dB = 20.94 V/m = 26.42 dBV/m

HAC-RF Emission

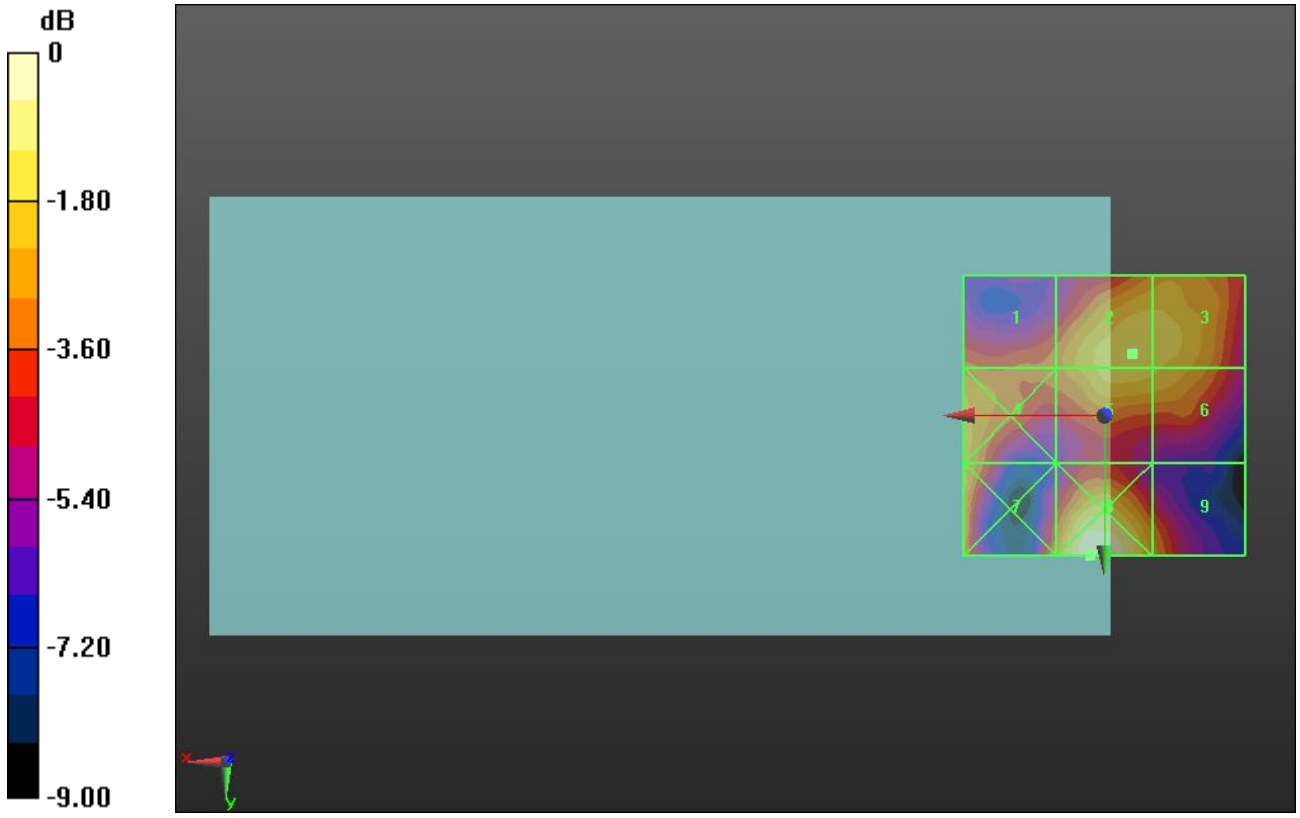
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 55340/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 8.531 V/m; Power Drift = -0.11 dB
Applied MIF = -1.44 dB
RF audio interference level = 16.12 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.08 dBV/m**	Grid 2 **M4** **16.12 dBV/m**	Grid 3 **M4** **15.93 dBV/m**
Grid 4 **M4** **15.38 dBV/m**	Grid 5 **M4** **15.94 dBV/m**	Grid 6 **M4** **15.65 dBV/m**
Grid 7 **M4** **15.27 dBV/m**	Grid 8 **M4** **17.28 dBV/m**	Grid 9 **M4** **14.76 dBV/m**



0 dB = 7.314 V/m = 17.28 dBV/m

HAC-RF Emission

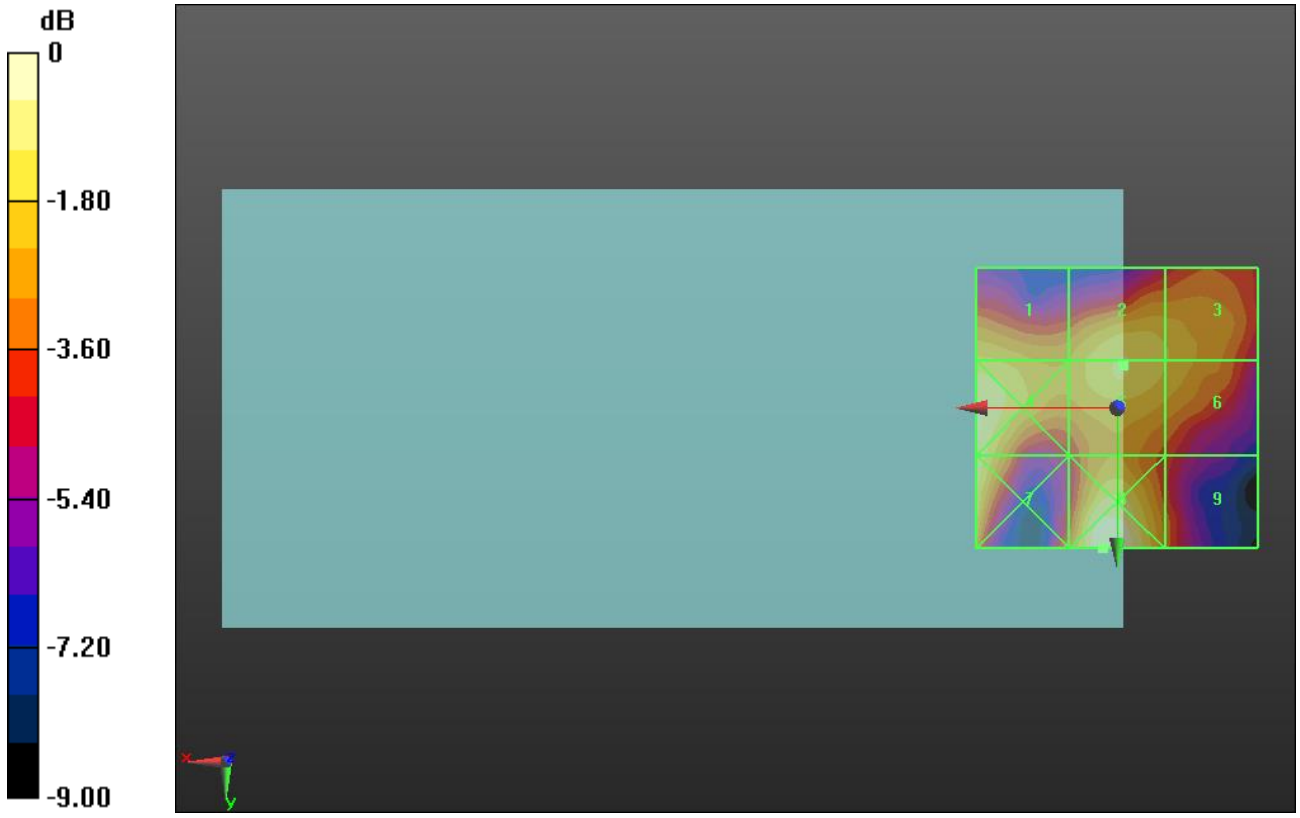
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 55773/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 9.996 V/m; Power Drift = 0.08 dB
Applied MIF = -1.44 dB
RF audio interference level = 16.49 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16 dBV/m**	Grid 2 **M4** **16.48 dBV/m**	Grid 3 **M4** **15.91 dBV/m**
Grid 4 **M4** **17.19 dBV/m**	Grid 5 **M4** **16.49 dBV/m**	Grid 6 **M4** **15.91 dBV/m**
Grid 7 **M4** **16.94 dBV/m**	Grid 8 **M4** **17.63 dBV/m**	Grid 9 **M4** **14.5 dBV/m**



0 dB = 7.615 V/m = 17.63 dBV/m

HAC-RF Emission

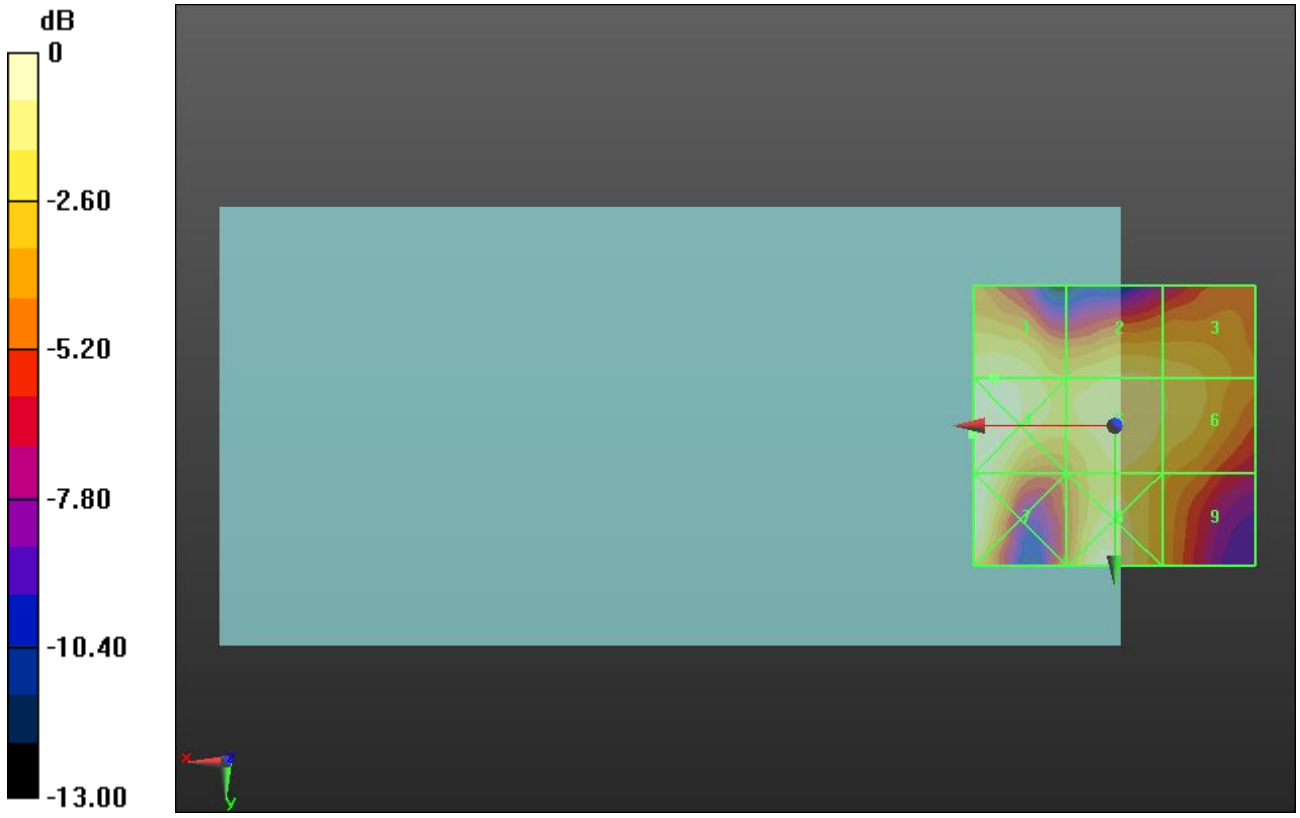
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 56207/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 10.85 V/m; Power Drift = -0.11 dB
Applied MIF = -1.44 dB
RF audio interference level = 17.00 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17 dBV/m**	Grid 2 **M4** **16.37 dBV/m**	Grid 3 **M4** **15.98 dBV/m**
Grid 4 **M4** **17.86 dBV/m**	Grid 5 **M4** **16.92 dBV/m**	Grid 6 **M4** **16.28 dBV/m**
Grid 7 **M4** **17.74 dBV/m**	Grid 8 **M4** **17.29 dBV/m**	Grid 9 **M4** **14.84 dBV/m**



0 dB = 7.813 V/m = 17.86 dBV/m

HAC-RF Emission

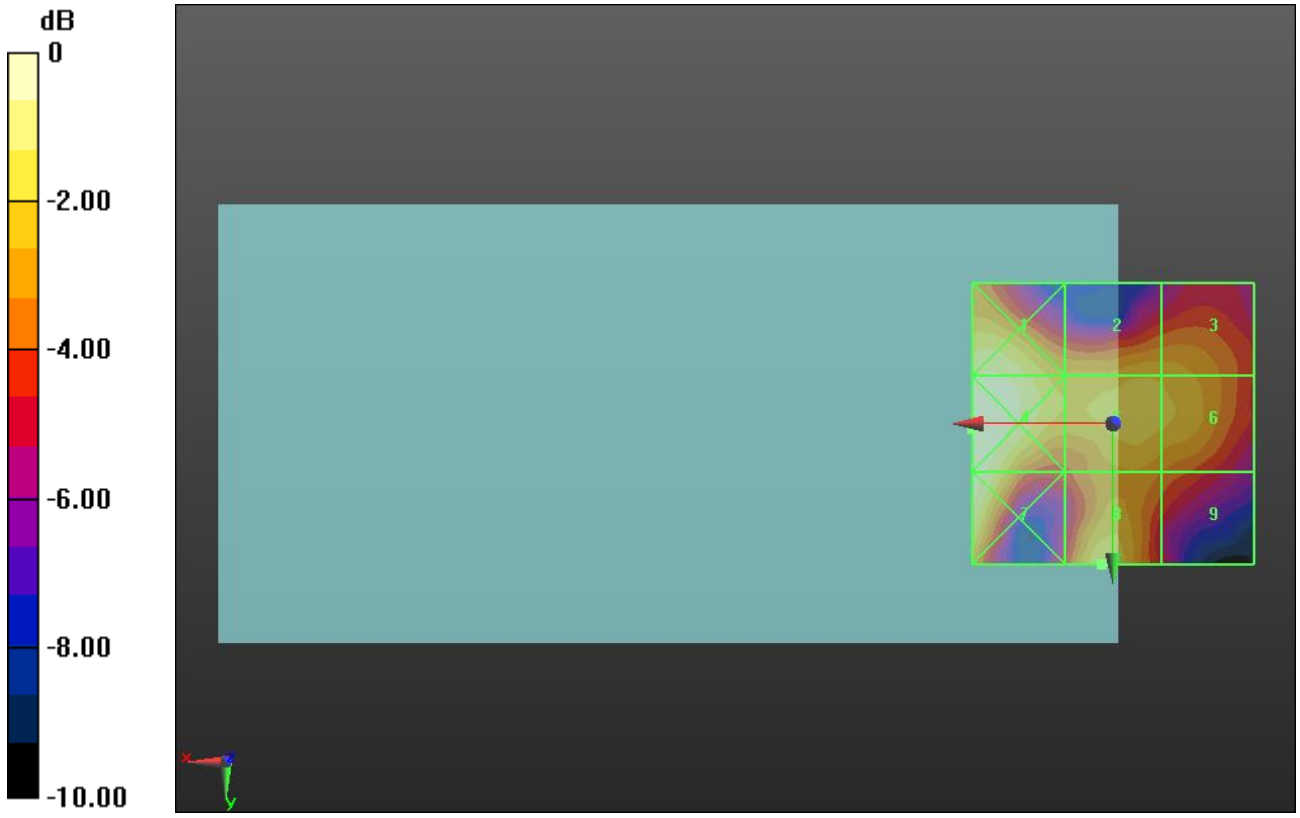
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 56640/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 10.05 V/m; Power Drift = -0.10 dB
Applied MIF = -1.44 dB
RF audio interference level = 16.69 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.44 dBV/m**	Grid 2 **M4** **15.94 dBV/m**	Grid 3 **M4** **15.84 dBV/m**
Grid 4 **M4** **17.99 dBV/m**	Grid 5 **M4** **16.47 dBV/m**	Grid 6 **M4** **16.21 dBV/m**
Grid 7 **M4** **17.75 dBV/m**	Grid 8 **M4** **16.69 dBV/m**	Grid 9 **M4** **14.72 dBV/m**



0 dB = 7.931 V/m = 17.99 dBV/m