HAC-RF Emission

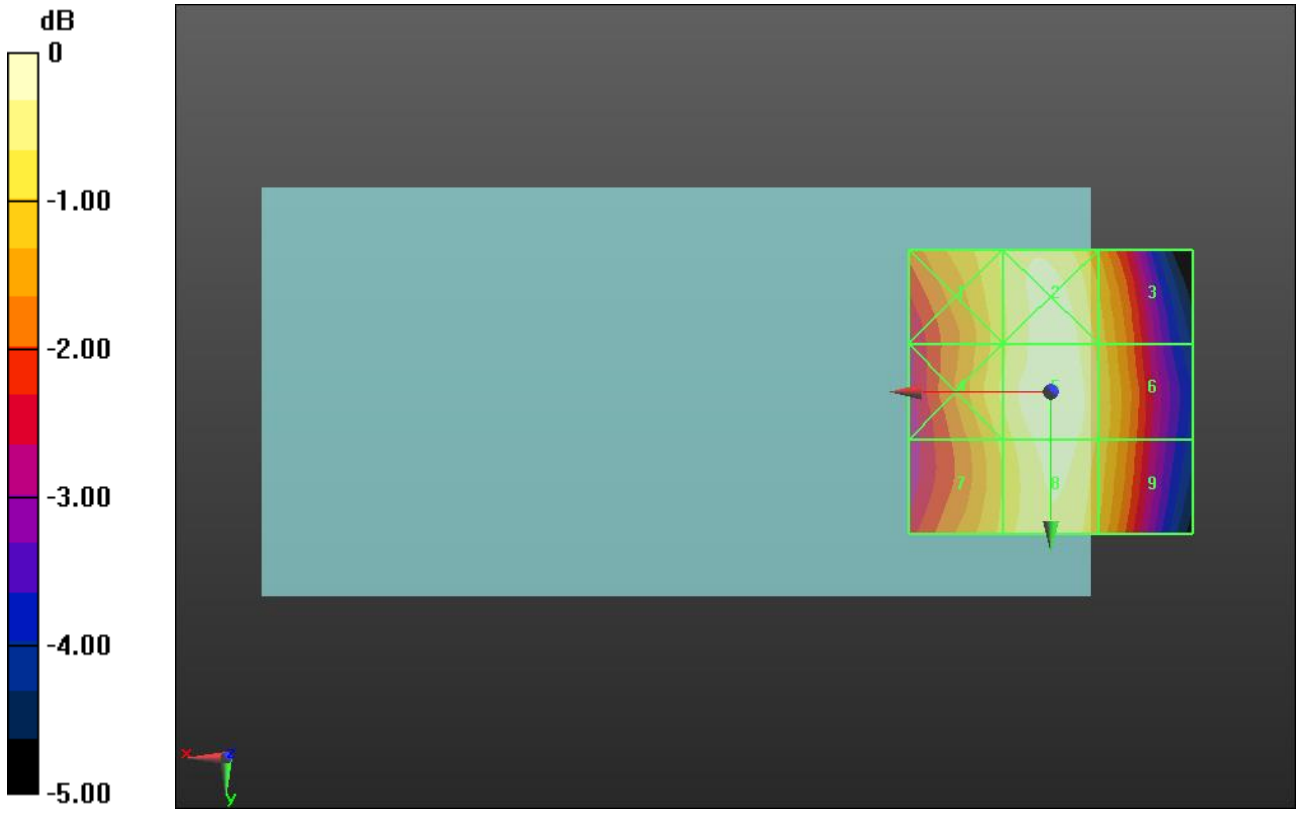
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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)

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 = 41.20 V/m; Power Drift = -0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 33.40 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **32.78 dBV/m**	Grid 2 **M4** **33.27 dBV/m**	Grid 3 **M4** **32.62 dBV/m**
Grid 4 **M4** **32.81 dBV/m**	Grid 5 **M4** **33.4 dBV/m**	Grid 6 **M4** **32.74 dBV/m**
Grid 7 **M4** **32.52 dBV/m**	Grid 8 **M4** **33.23 dBV/m**	Grid 9 **M4** **32.66 dBV/m**



0 dB = 46.79 V/m = 33.40 dBV/m

HAC-RF Emission

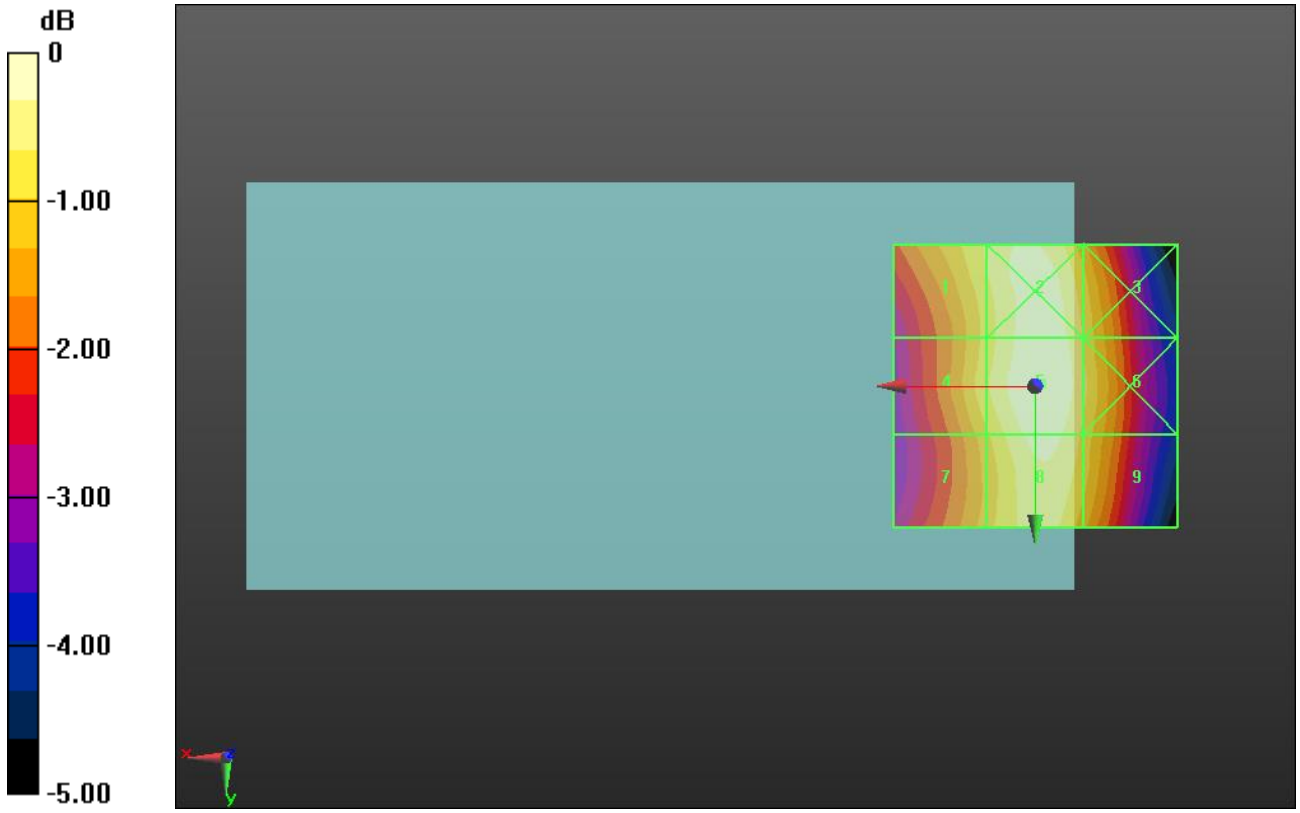
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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)

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 = 39.41 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 32.93 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **32.32 dBV/m**	Grid 2 **M4** **32.82 dBV/m**	Grid 3 **M4** **32.24 dBV/m**
Grid 4 **M4** **32.22 dBV/m**	Grid 5 **M4** **32.93 dBV/m**	Grid 6 **M4** **32.35 dBV/m**
Grid 7 **M4** **31.87 dBV/m**	Grid 8 **M4** **32.72 dBV/m**	Grid 9 **M4** **32.18 dBV/m**



0 dB = 44.29 V/m = 32.93 dBV/m

HAC-RF Emission

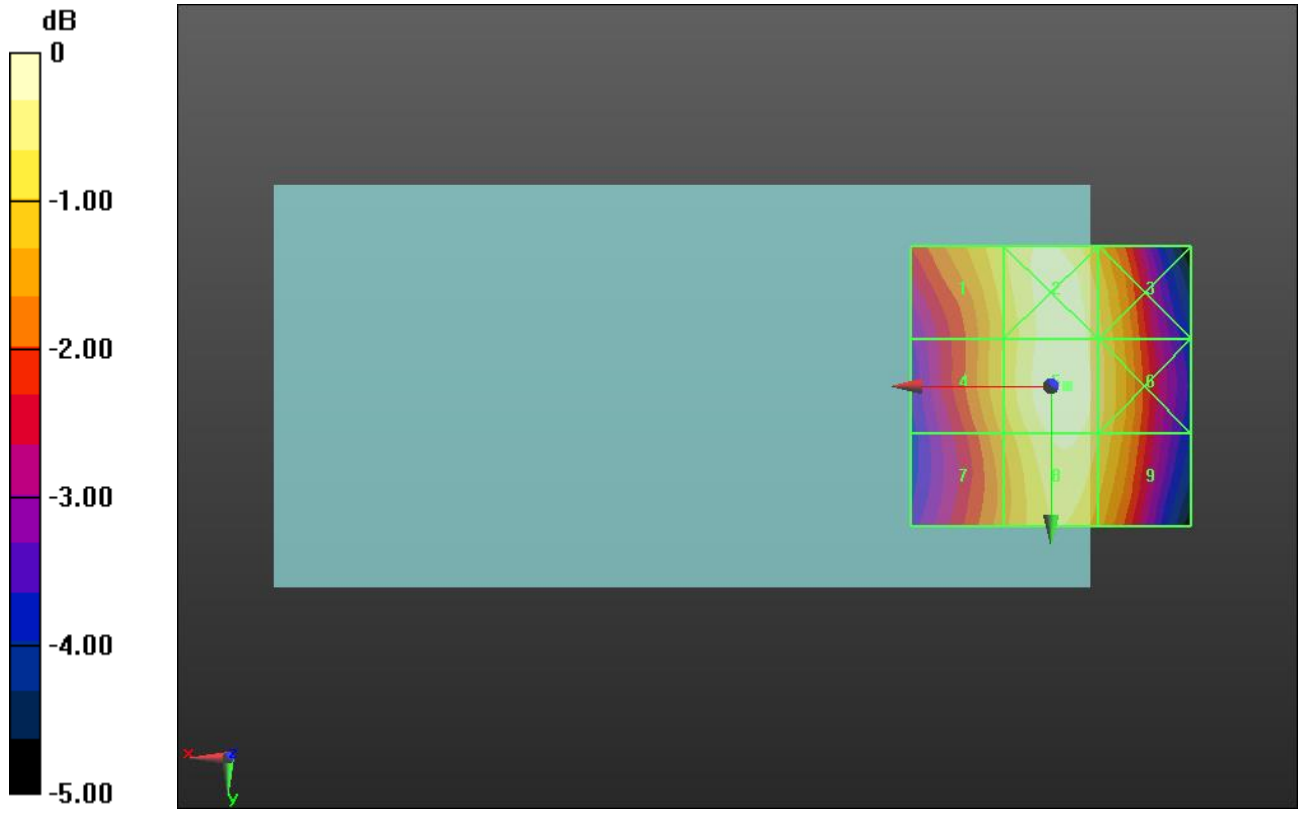
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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)

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 = 41.06 V/m; Power Drift = -0.06 dB
Applied MIF = 3.63 dB
RF audio interference level = 33.31 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **32.61 dBV/m**	Grid 2 **M4** **33.21 dBV/m**	Grid 3 **M4** **32.75 dBV/m**
Grid 4 **M4** **32.38 dBV/m**	Grid 5 **M4** **33.31 dBV/m**	Grid 6 **M4** **32.83 dBV/m**
Grid 7 **M4** **32.07 dBV/m**	Grid 8 **M4** **33.08 dBV/m**	Grid 9 **M4** **32.68 dBV/m**



0 dB = 46.31 V/m = 33.31 dBV/m

HAC-RF Emission

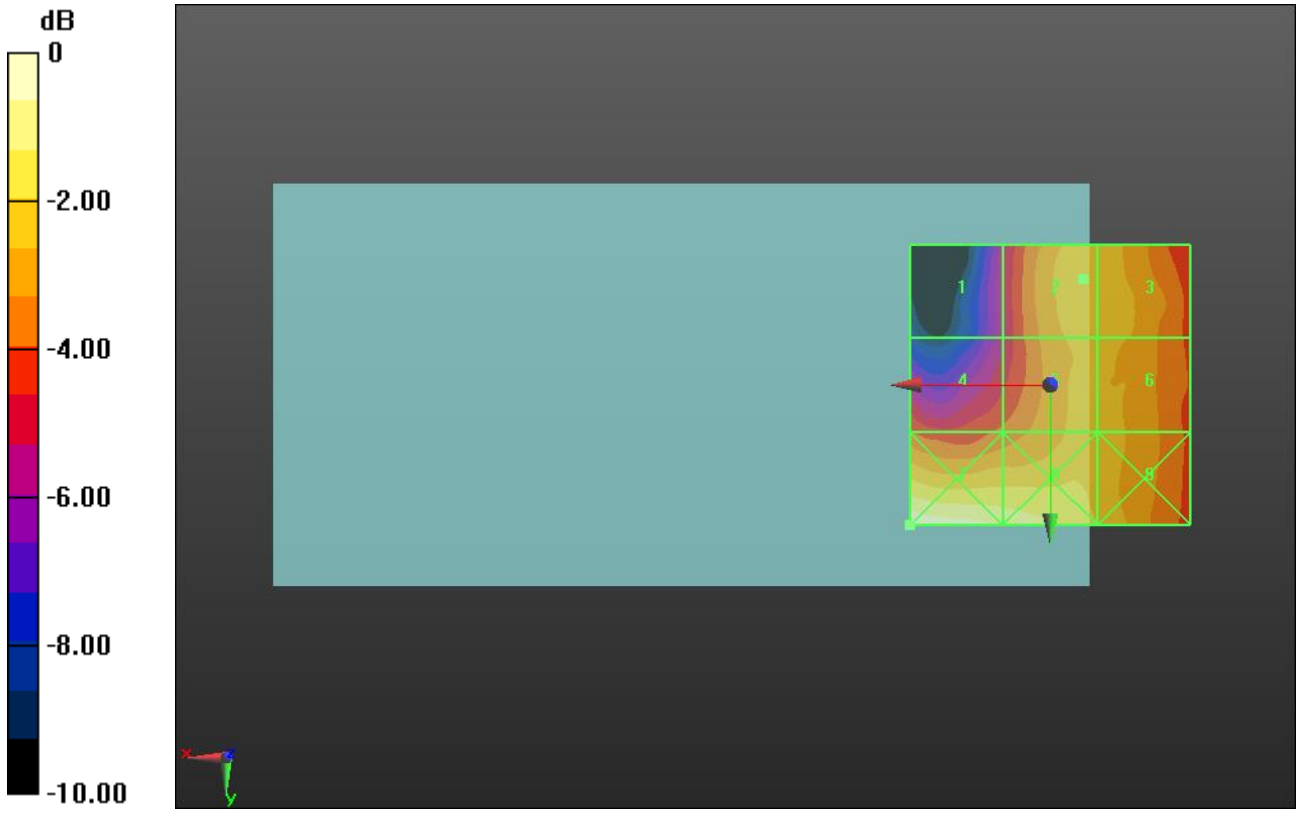
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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 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 = 10.71 V/m; Power Drift = -0.11 dB
Applied MIF = 3.63 dB
RF audio interference level = 23.49 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.13 dBV/m**	Grid 2 **M4** **23.49 dBV/m**	Grid 3 **M4** **23.42 dBV/m**
Grid 4 **M4** **21.71 dBV/m**	Grid 5 **M4** **23.15 dBV/m**	Grid 6 **M4** **23.15 dBV/m**
Grid 7 **M4** **25.5 dBV/m**	Grid 8 **M4** **24.68 dBV/m**	Grid 9 **M4** **23.53 dBV/m**



0 dB = 18.83 V/m = 25.50 dBV/m

HAC-RF Emission

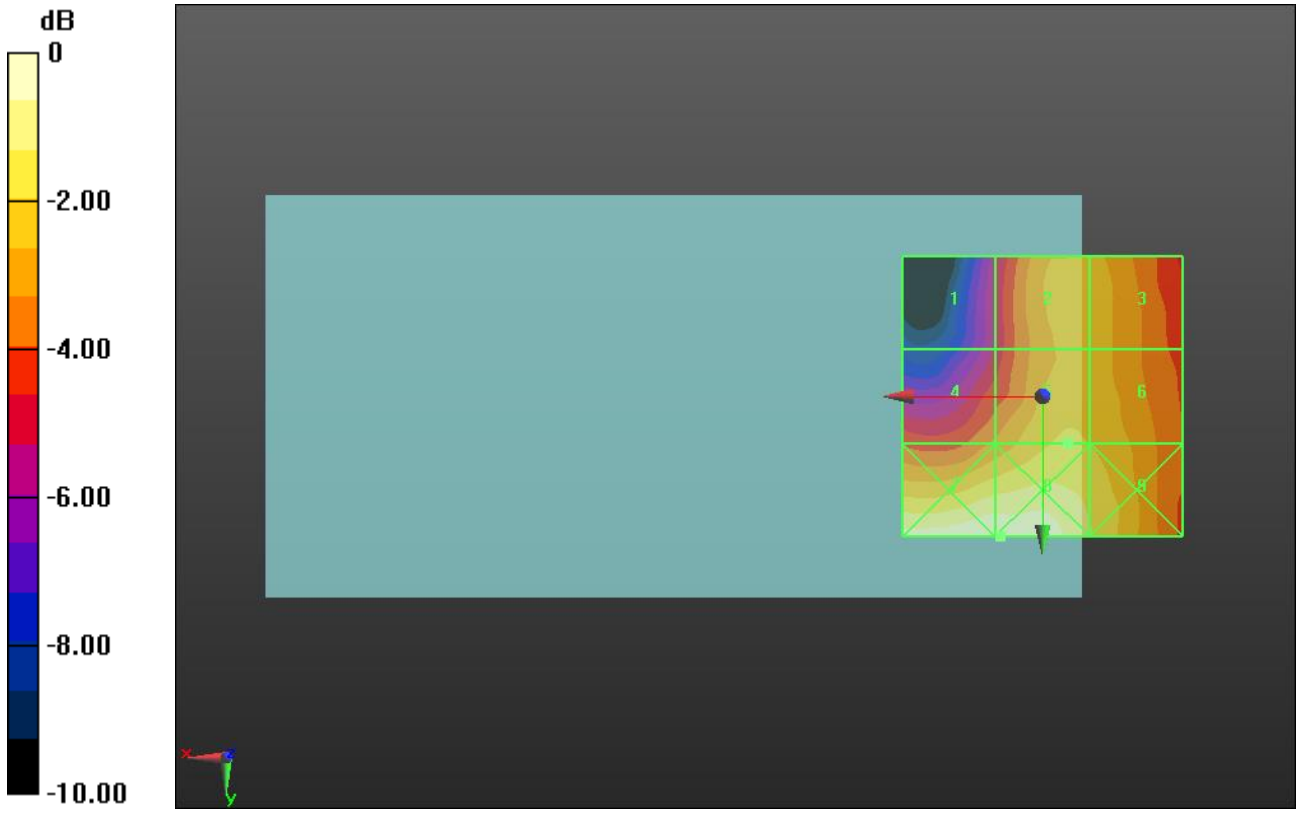
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- 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 = 11.92 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 24.21 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.9 dBV/m**	Grid 2 **M4** **23.84 dBV/m**	Grid 3 **M4** **23.77 dBV/m**
Grid 4 **M4** **22.96 dBV/m**	Grid 5 **M4** **24.21 dBV/m**	Grid 6 **M4** **24.1 dBV/m**
Grid 7 **M4** **26.1 dBV/m**	Grid 8 **M4** **26.1 dBV/m**	Grid 9 **M4** **24.84 dBV/m**



0 dB = 20.19 V/m = 26.10 dBV/m

HAC-RF Emission

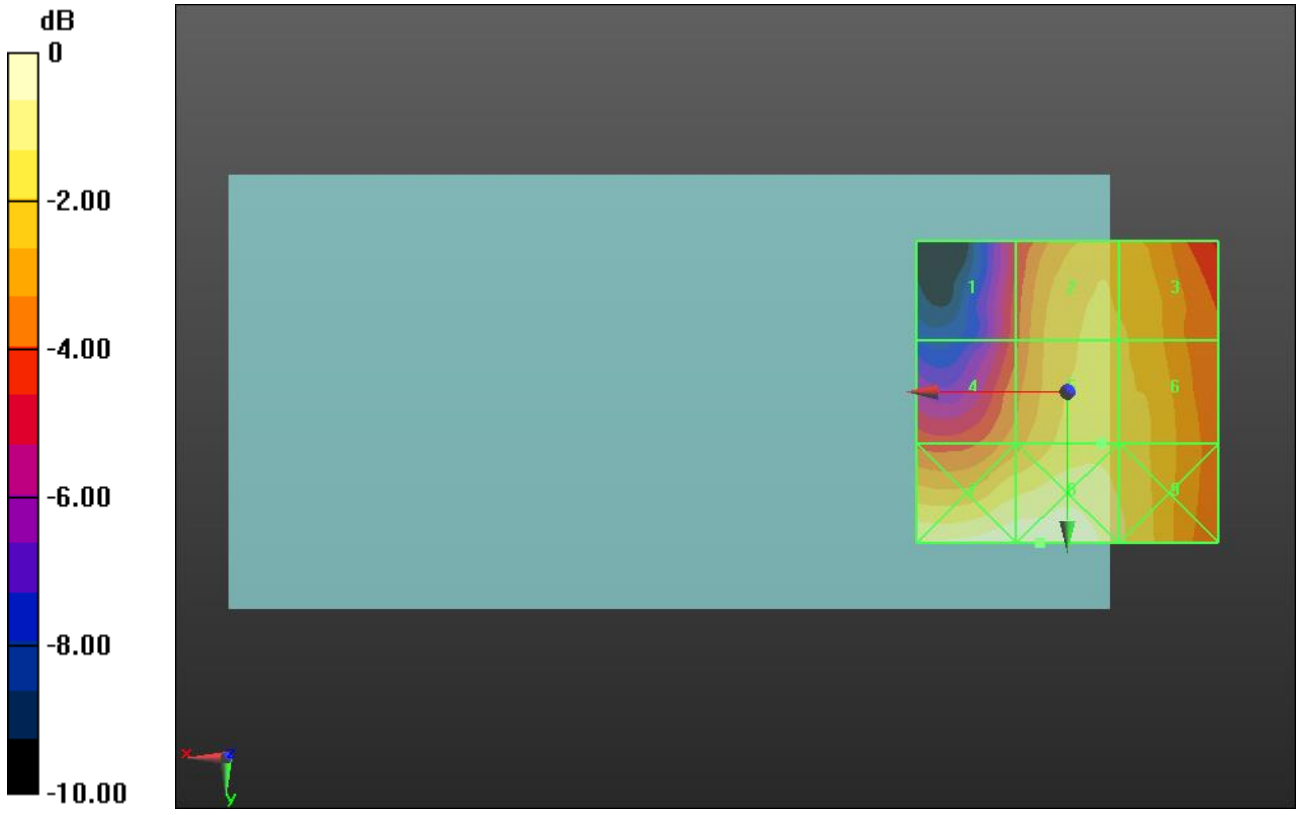
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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 = 12.74 V/m; Power Drift = -0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 24.38 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.7 dBV/m**	Grid 2 **M4** **24.02 dBV/m**	Grid 3 **M4** **23.96 dBV/m**
Grid 4 **M4** **22.96 dBV/m**	Grid 5 **M4** **24.38 dBV/m**	Grid 6 **M4** **24.31 dBV/m**
Grid 7 **M4** **25.74 dBV/m**	Grid 8 **M4** **25.86 dBV/m**	Grid 9 **M4** **24.72 dBV/m**



0 dB = 19.63 V/m = 25.86 dBV/m

HAC-RF Emission

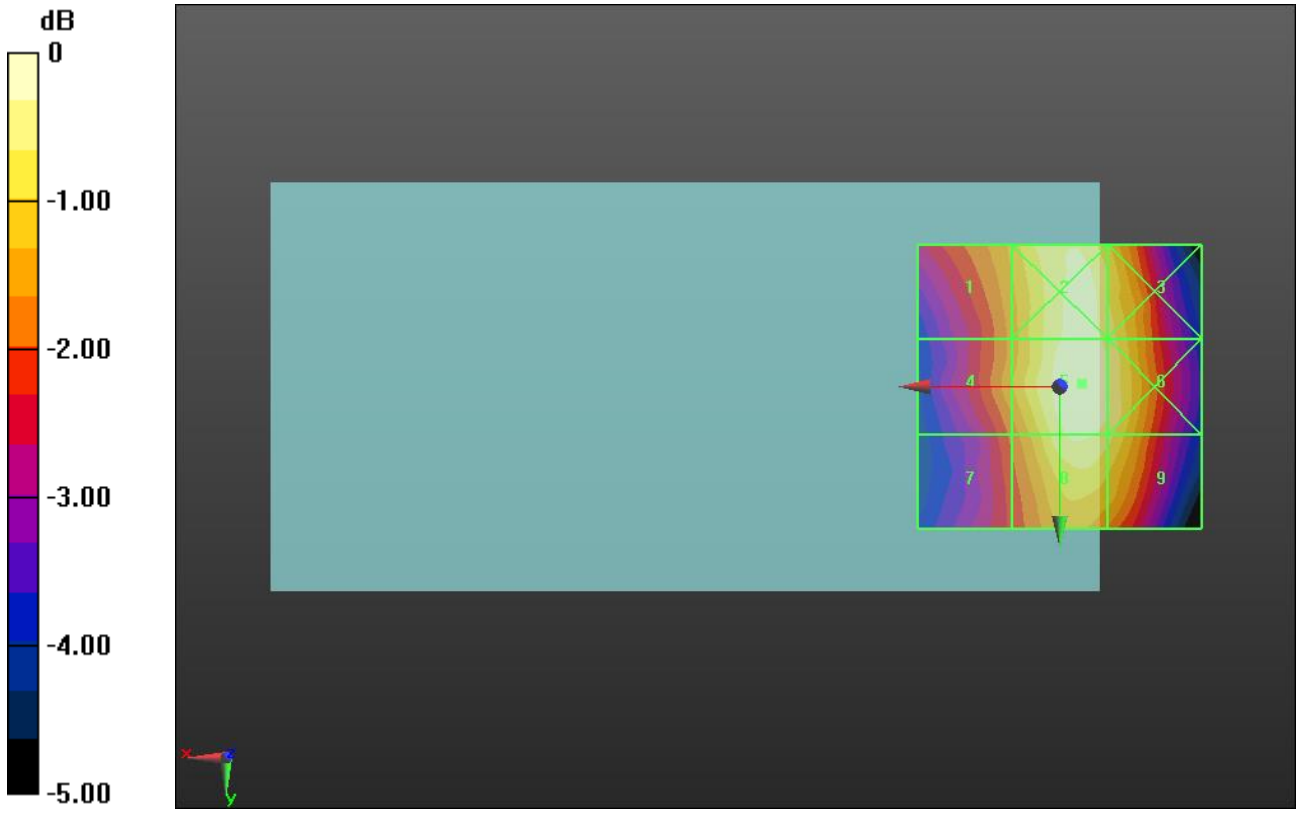
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 824.7 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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)

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 = 19.88 V/m; Power Drift = 0.05 dB
Applied MIF = 3.26 dB
RF audio interference level = 26.36 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.13 dBV/m**	Grid 2 **M4** **26.23 dBV/m**	Grid 3 **M4** **25.91 dBV/m**
Grid 4 **M4** **24.99 dBV/m**	Grid 5 **M4** **26.36 dBV/m**	Grid 6 **M4** **26.07 dBV/m**
Grid 7 **M4** **24.48 dBV/m**	Grid 8 **M4** **26.1 dBV/m**	Grid 9 **M4** **25.83 dBV/m**



0 dB = 20.81 V/m = 26.37 dBV/m

HAC-RF Emission

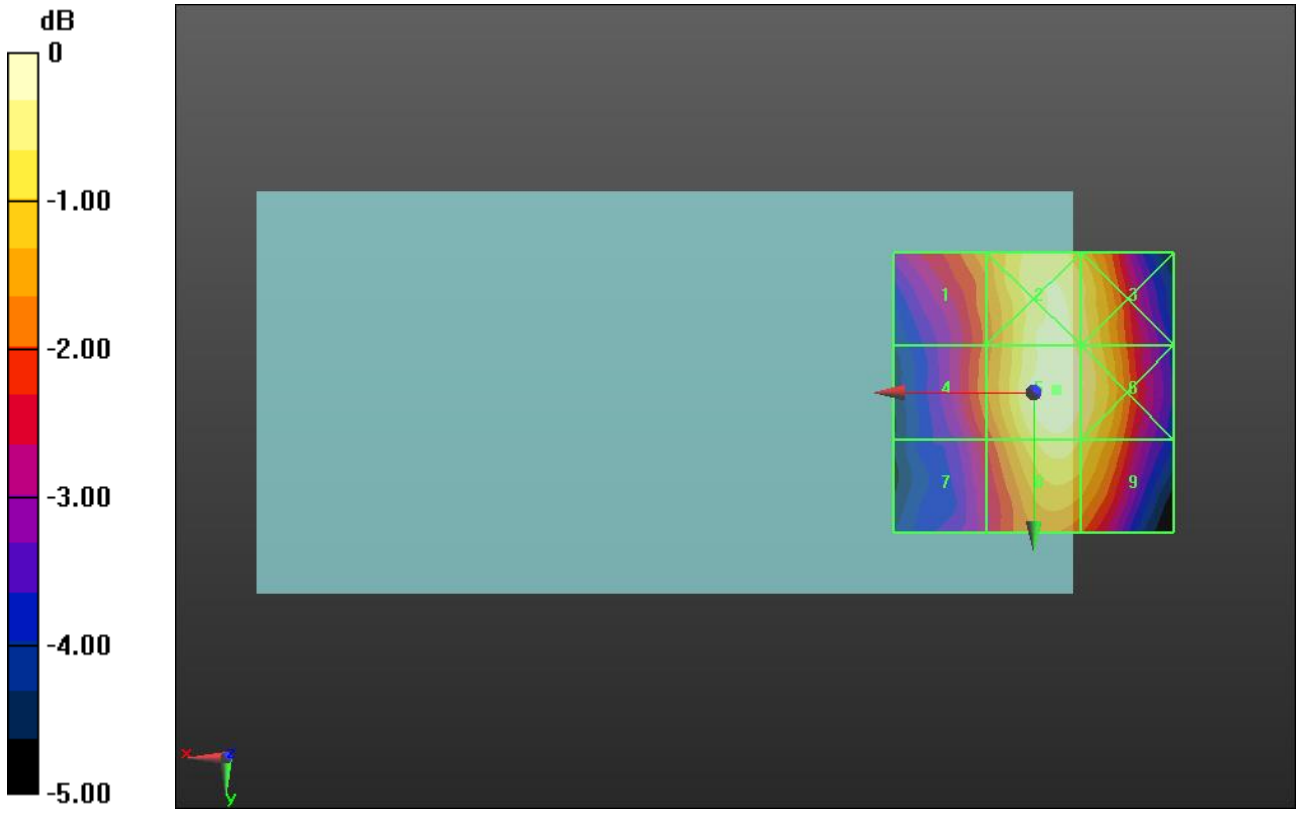
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 836.52 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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)

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 = 20.18 V/m; Power Drift = 0.14 dB
Applied MIF = 3.26 dB
RF audio interference level = 26.56 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.16 dBV/m**	Grid 2 **M4** **26.36 dBV/m**	Grid 3 **M4** **26.11 dBV/m**
Grid 4 **M4** **24.85 dBV/m**	Grid 5 **M4** **26.56 dBV/m**	Grid 6 **M4** **26.25 dBV/m**
Grid 7 **M4** **24.29 dBV/m**	Grid 8 **M4** **26.14 dBV/m**	Grid 9 **M4** **25.87 dBV/m**



0 dB = 21.27 V/m = 26.56 dBV/m

HAC-RF Emission

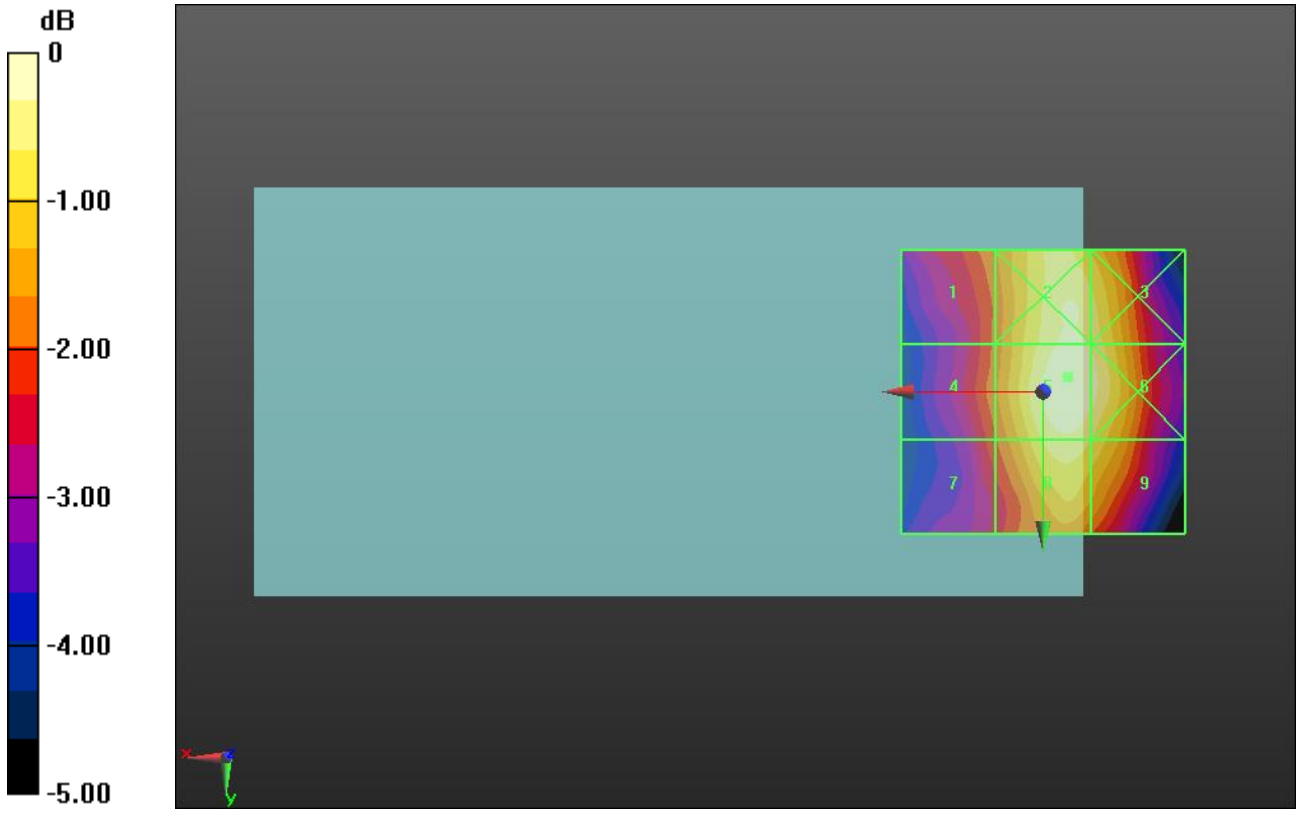
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 848.31 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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)

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 = 18.53 V/m; Power Drift = 0.06 dB
Applied MIF = 3.26 dB
RF audio interference level = 25.62 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.94 dBV/m**	Grid 2 **M4** **25.38 dBV/m**	Grid 3 **M4** **25.22 dBV/m**
Grid 4 **M4** **23.88 dBV/m**	Grid 5 **M4** **25.62 dBV/m**	Grid 6 **M4** **25.43 dBV/m**
Grid 7 **M4** **23.57 dBV/m**	Grid 8 **M4** **25.2 dBV/m**	Grid 9 **M4** **24.95 dBV/m**



0 dB = 19.09 V/m = 25.62 dBV/m

HAC-RF Emission

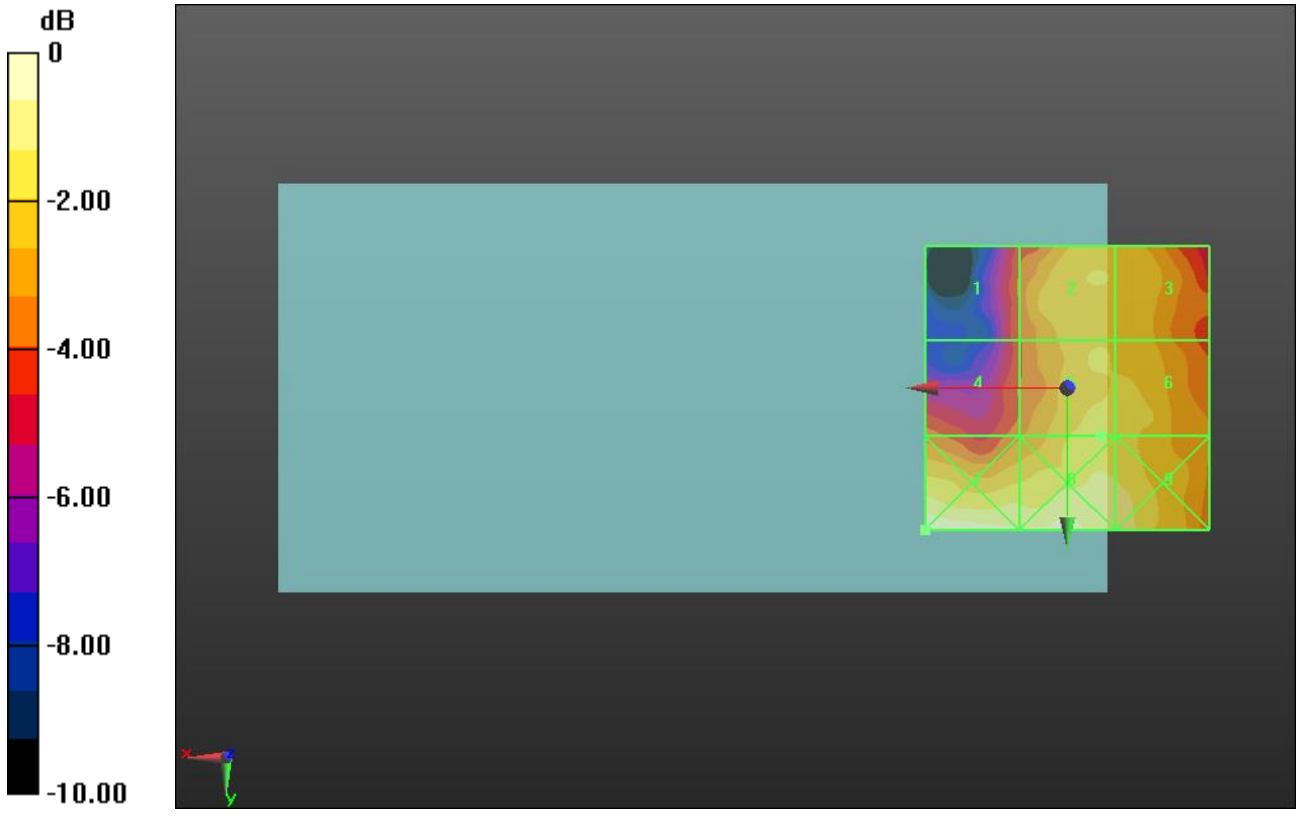
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1851.25 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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)

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 = 6.711 V/m; Power Drift = -0.11 dB
Applied MIF = 3.26 dB
RF audio interference level = 18.75 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.61 dBV/m**	Grid 2 **M4** **18.46 dBV/m**	Grid 3 **M4** **18.34 dBV/m**
Grid 4 **M4** **16.92 dBV/m**	Grid 5 **M4** **18.75 dBV/m**	Grid 6 **M4** **18.66 dBV/m**
Grid 7 **M4** **20.38 dBV/m**	Grid 8 **M4** **19.99 dBV/m**	Grid 9 **M4** **19.48 dBV/m**



0 dB = 10.45 V/m = 20.38 dBV/m

HAC-RF Emission

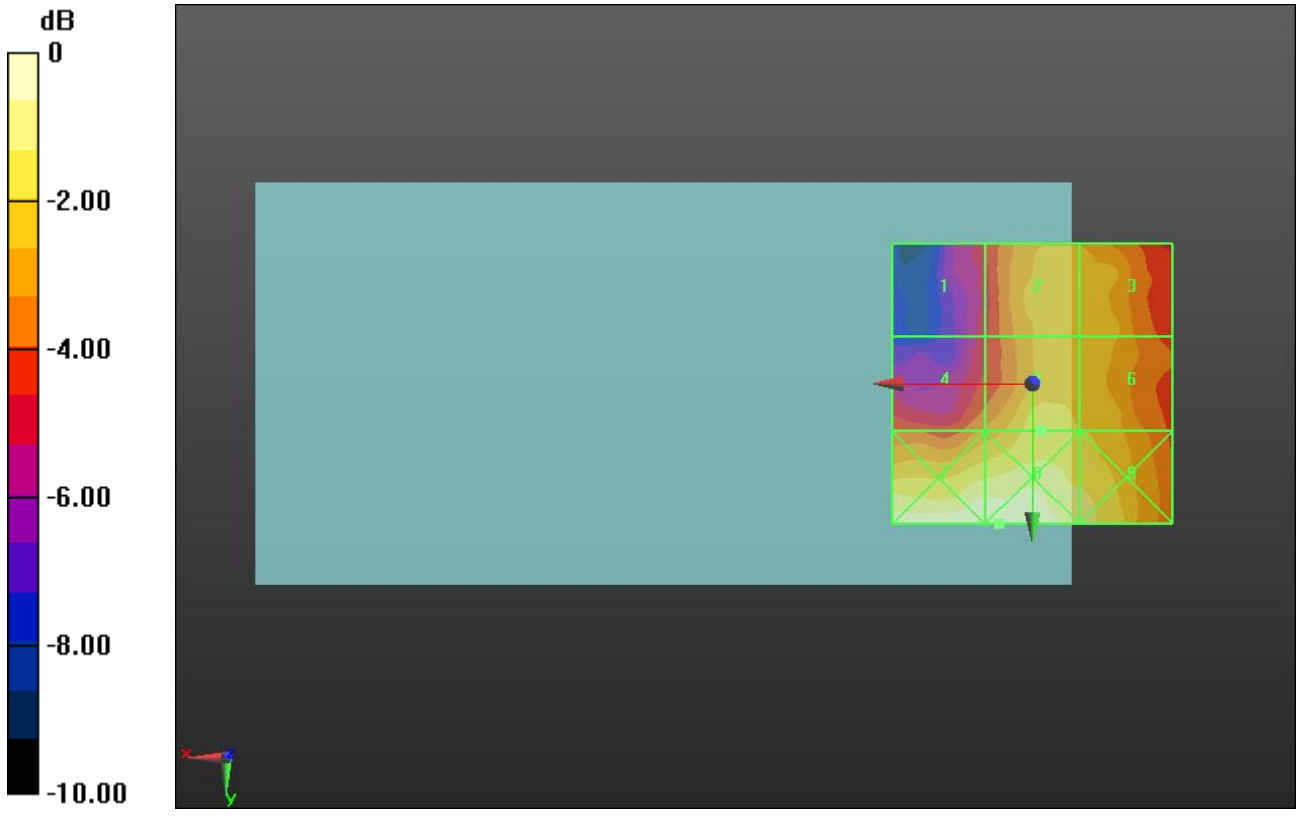
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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)

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 = 7.013 V/m; Power Drift = -0.02 dB
Applied MIF = 3.26 dB
RF audio interference level = 19.29 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.22 dBV/m**	Grid 2 **M4** **18.83 dBV/m**	Grid 3 **M4** **18.65 dBV/m**
Grid 4 **M4** **17.79 dBV/m**	Grid 5 **M4** **19.29 dBV/m**	Grid 6 **M4** **18.98 dBV/m**
Grid 7 **M4** **20.85 dBV/m**	Grid 8 **M4** **20.91 dBV/m**	Grid 9 **M4** **19.87 dBV/m**



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

HAC-RF Emission

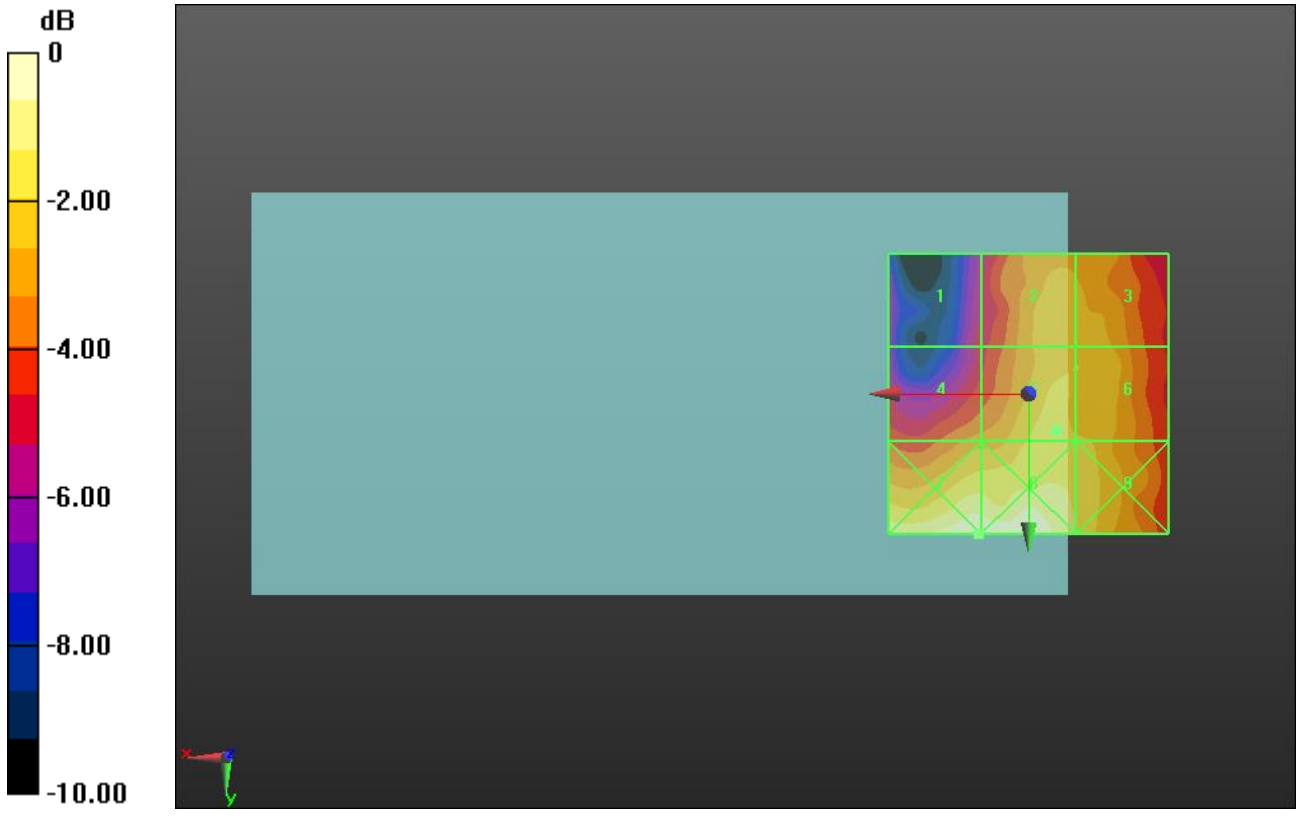
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1908.75 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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)

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 = 7.061 V/m; Power Drift = 0.11 dB
Applied MIF = 3.26 dB
RF audio interference level = 19.01 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.84 dBV/m**	Grid 2 **M4** **18.61 dBV/m**	Grid 3 **M4** **18.61 dBV/m**
Grid 4 **M4** **17.79 dBV/m**	Grid 5 **M4** **19.01 dBV/m**	Grid 6 **M4** **18.96 dBV/m**
Grid 7 **M4** **20.73 dBV/m**	Grid 8 **M4** **20.72 dBV/m**	Grid 9 **M4** **19.44 dBV/m**



0 dB = 10.87 V/m = 20.72 dBV/m

HAC-RF Emission

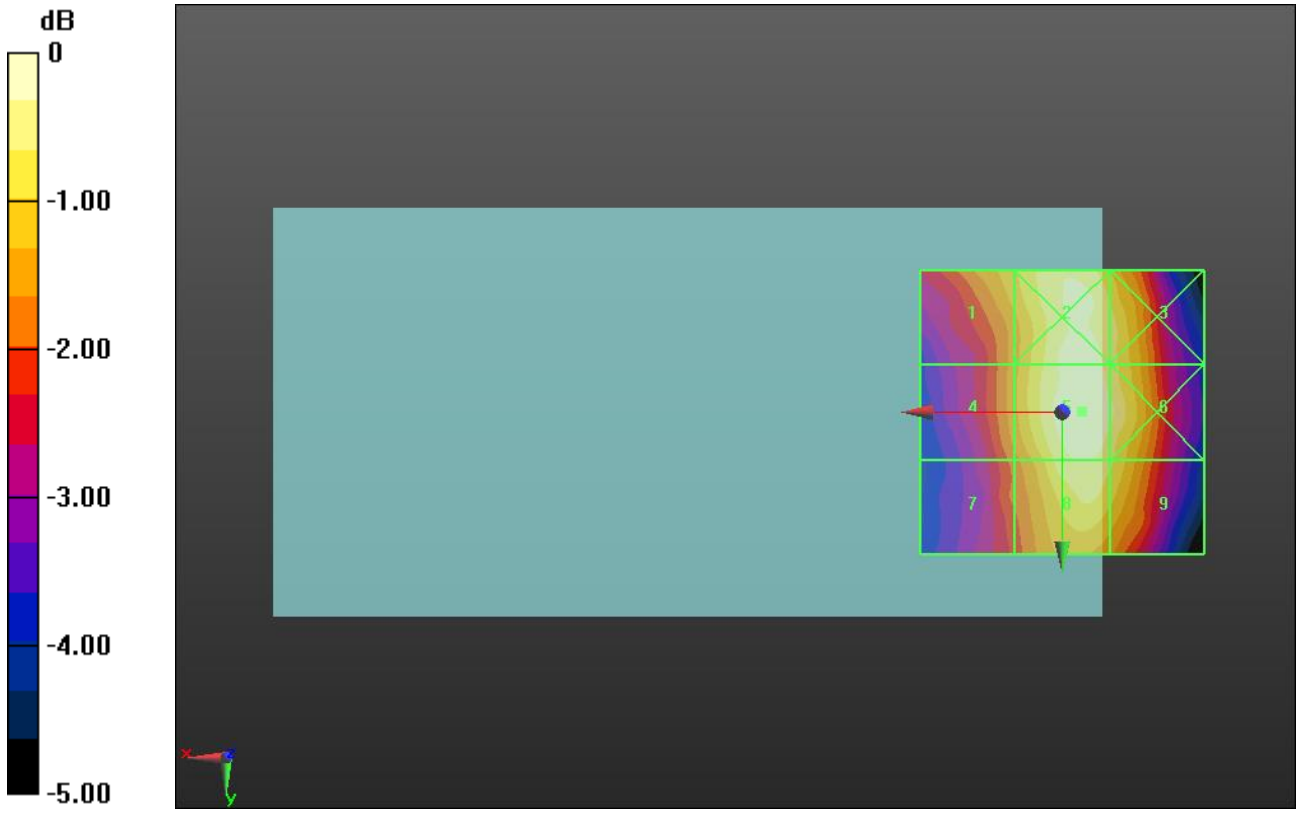
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.3 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 817.3 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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)

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 = 18.88 V/m; Power Drift = -0.00 dB
Applied MIF = 3.26 dB
RF audio interference level = 26.05 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.99 dBV/m**	Grid 2 **M4** **25.89 dBV/m**	Grid 3 **M4** **25.57 dBV/m**
Grid 4 **M4** **24.62 dBV/m**	Grid 5 **M4** **26.05 dBV/m**	Grid 6 **M4** **25.78 dBV/m**
Grid 7 **M4** **24.23 dBV/m**	Grid 8 **M4** **25.73 dBV/m**	Grid 9 **M4** **25.45 dBV/m**



0 dB = 20.06 V/m = 26.05 dBV/m

HAC-RF Emission

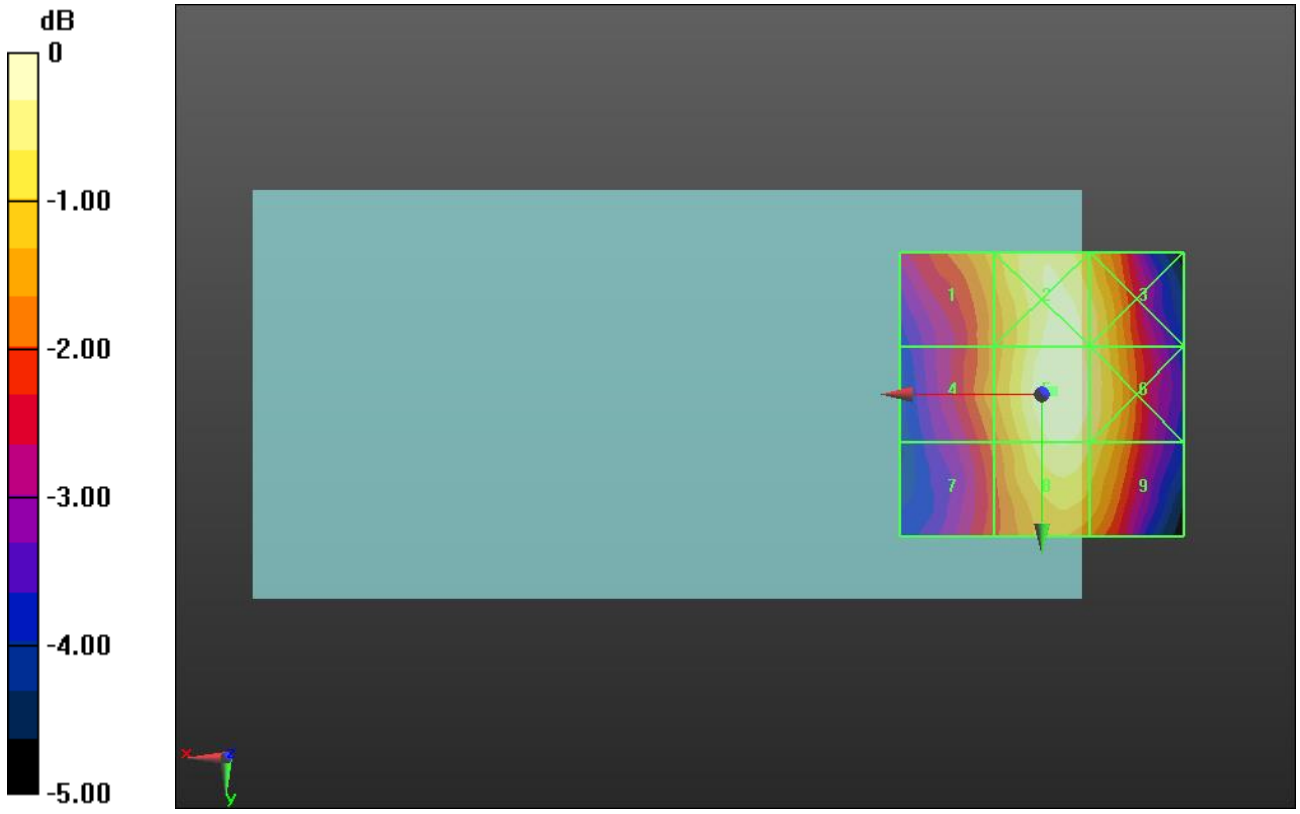
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 820 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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)

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 = 19.23 V/m; Power Drift = -0.00 dB
Applied MIF = 3.26 dB
RF audio interference level = 26.19 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.05 dBV/m**	Grid 2 **M4** **26.03 dBV/m**	Grid 3 **M4** **25.76 dBV/m**
Grid 4 **M4** **24.79 dBV/m**	Grid 5 **M4** **26.19 dBV/m**	Grid 6 **M4** **25.83 dBV/m**
Grid 7 **M4** **24.34 dBV/m**	Grid 8 **M4** **25.89 dBV/m**	Grid 9 **M4** **25.57 dBV/m**



0 dB = 20.39 V/m = 26.19 dBV/m

HAC-RF Emission

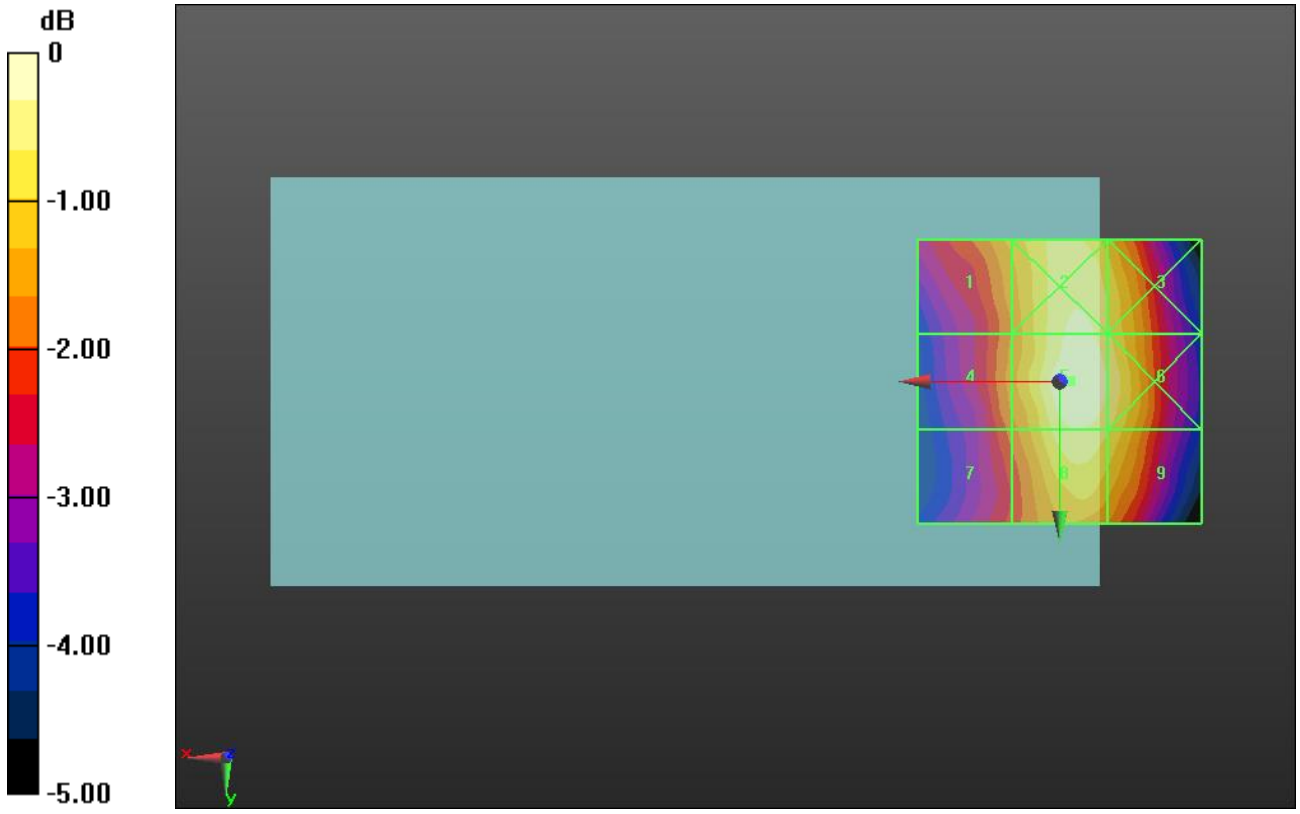
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 822.75 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 822.75 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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)

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 = 19.48 V/m; Power Drift = 0.12 dB
Applied MIF = 3.26 dB
RF audio interference level = 26.39 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.19 dBV/m**	Grid 2 **M4** **26.16 dBV/m**	Grid 3 **M4** **25.79 dBV/m**
Grid 4 **M4** **24.9 dBV/m**	Grid 5 **M4** **26.39 dBV/m**	Grid 6 **M4** **26.05 dBV/m**
Grid 7 **M4** **24.55 dBV/m**	Grid 8 **M4** **26.04 dBV/m**	Grid 9 **M4** **25.75 dBV/m**



0 dB = 20.86 V/m = 26.39 dBV/m

HAC-RF Emission

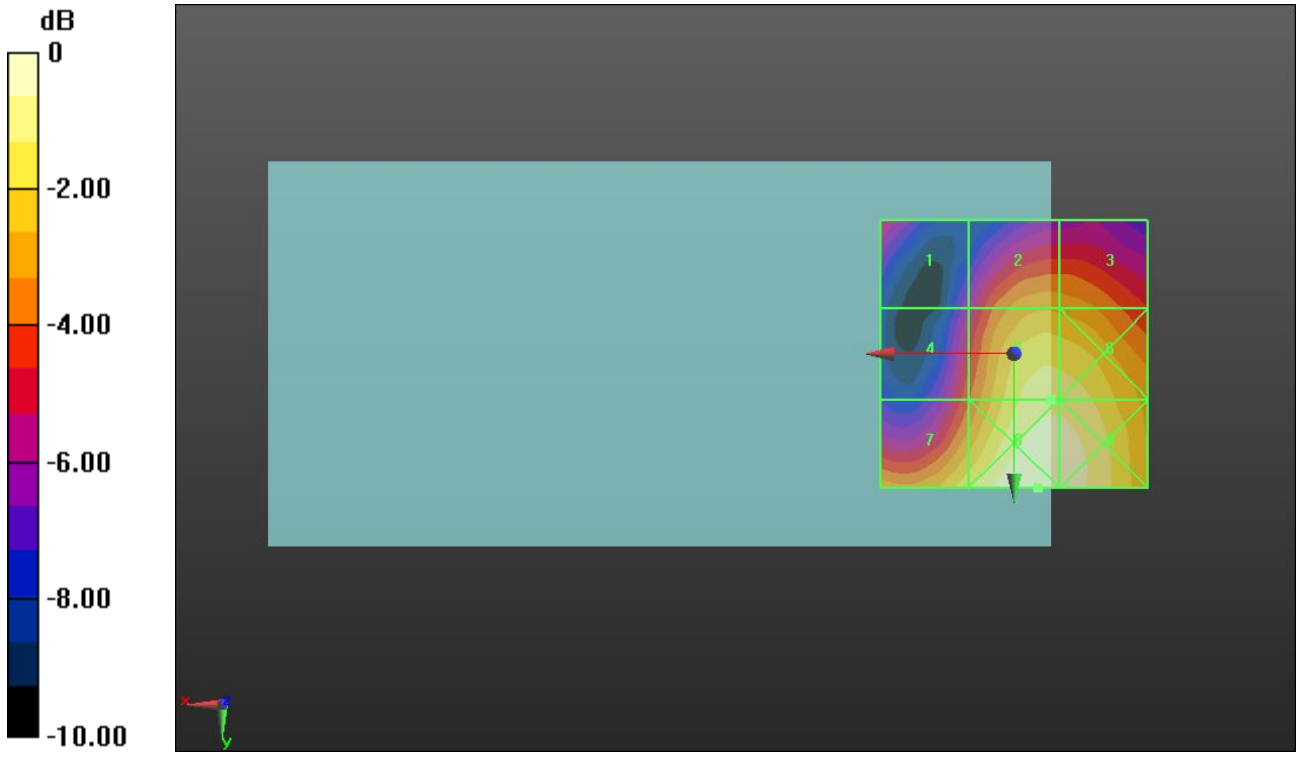
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 17.17 V/m; Power Drift = -0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.44 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.17 dBV/m**	Grid 2 **M4** **20.58 dBV/m**	Grid 3 **M4** **20.48 dBV/m**
Grid 4 **M4** **19.22 dBV/m**	Grid 5 **M4** **22.44 dBV/m**	Grid 6 **M4** **22.43 dBV/m**
Grid 7 **M4** **21.85 dBV/m**	Grid 8 **M4** **23.3 dBV/m**	Grid 9 **M4** **23.15 dBV/m**



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

HAC-RF Emission

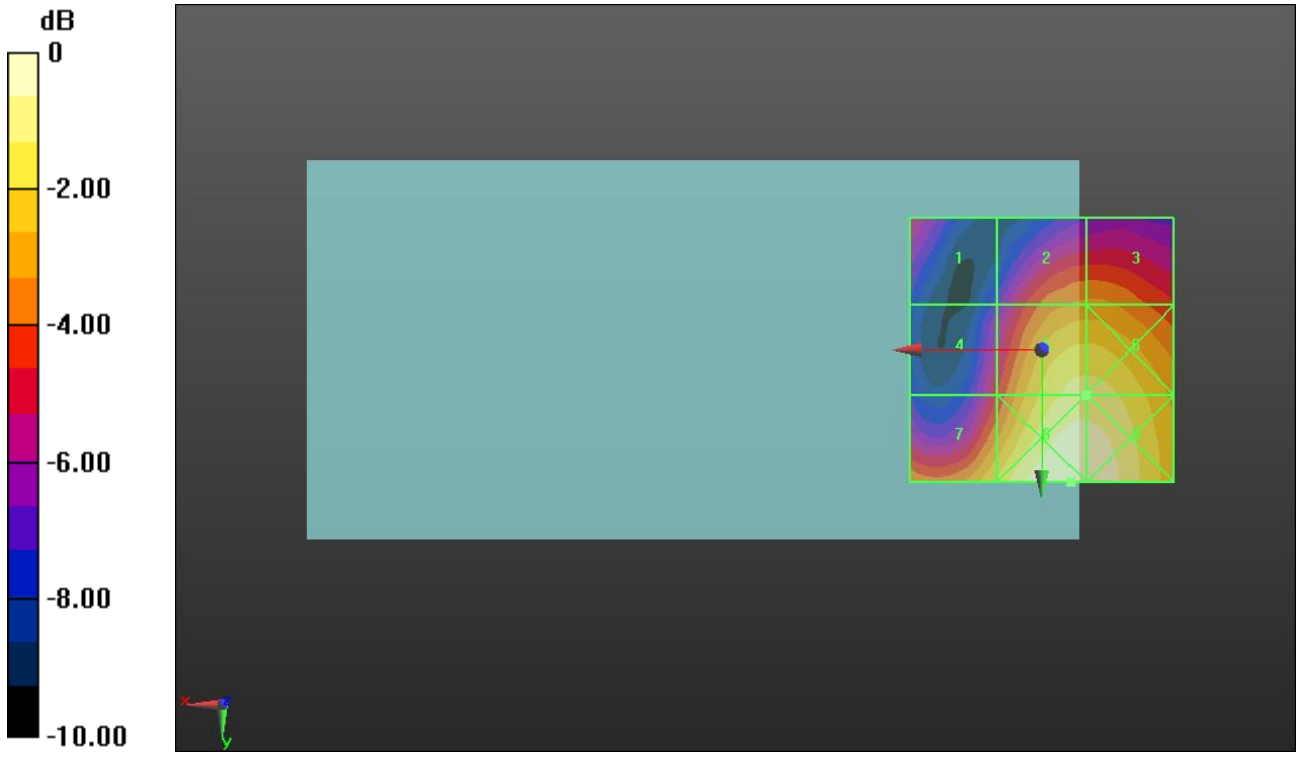
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 15.78 V/m; Power Drift = -0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.46 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.28 dBV/m**	Grid 2 **M4** **20.38 dBV/m**	Grid 3 **M4** **20.39 dBV/m**
Grid 4 **M4** **18.82 dBV/m**	Grid 5 **M4** **22.46 dBV/m**	Grid 6 **M4** **22.46 dBV/m**
Grid 7 **M4** **21.63 dBV/m**	Grid 8 **M4** **23.48 dBV/m**	Grid 9 **M4** **23.41 dBV/m**



0 dB = 14.93 V/m = 23.48 dBV/m

HAC-RF Emission

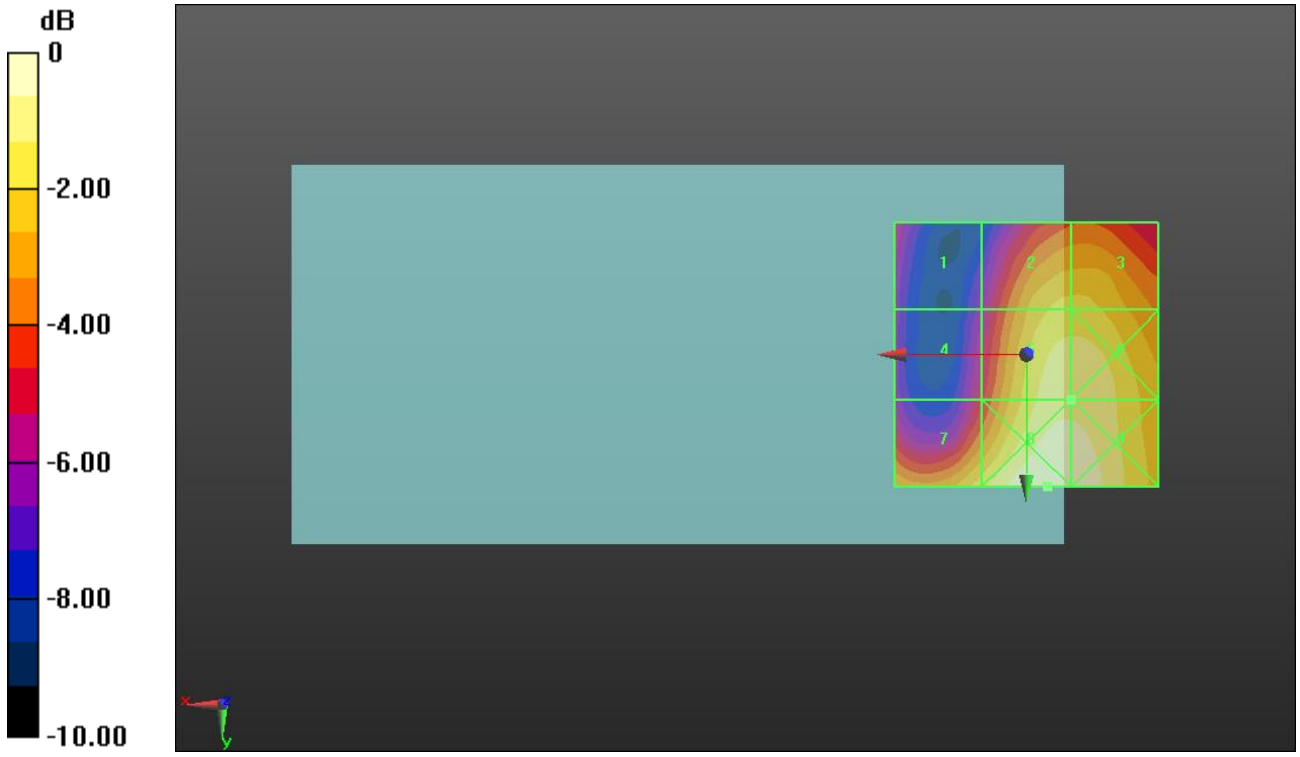
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 15.20 V/m; Power Drift = 0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 21.69 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.28 dBV/m**	Grid 2 **M4** **20.82 dBV/m**	Grid 3 **M4** **20.83 dBV/m**
Grid 4 **M4** **17.69 dBV/m**	Grid 5 **M4** **21.69 dBV/m**	Grid 6 **M4** **21.69 dBV/m**
Grid 7 **M4** **20.97 dBV/m**	Grid 8 **M4** **22.52 dBV/m**	Grid 9 **M4** **22.36 dBV/m**



0 dB = 13.37 V/m = 22.52 dBV/m

HAC-RF Emission

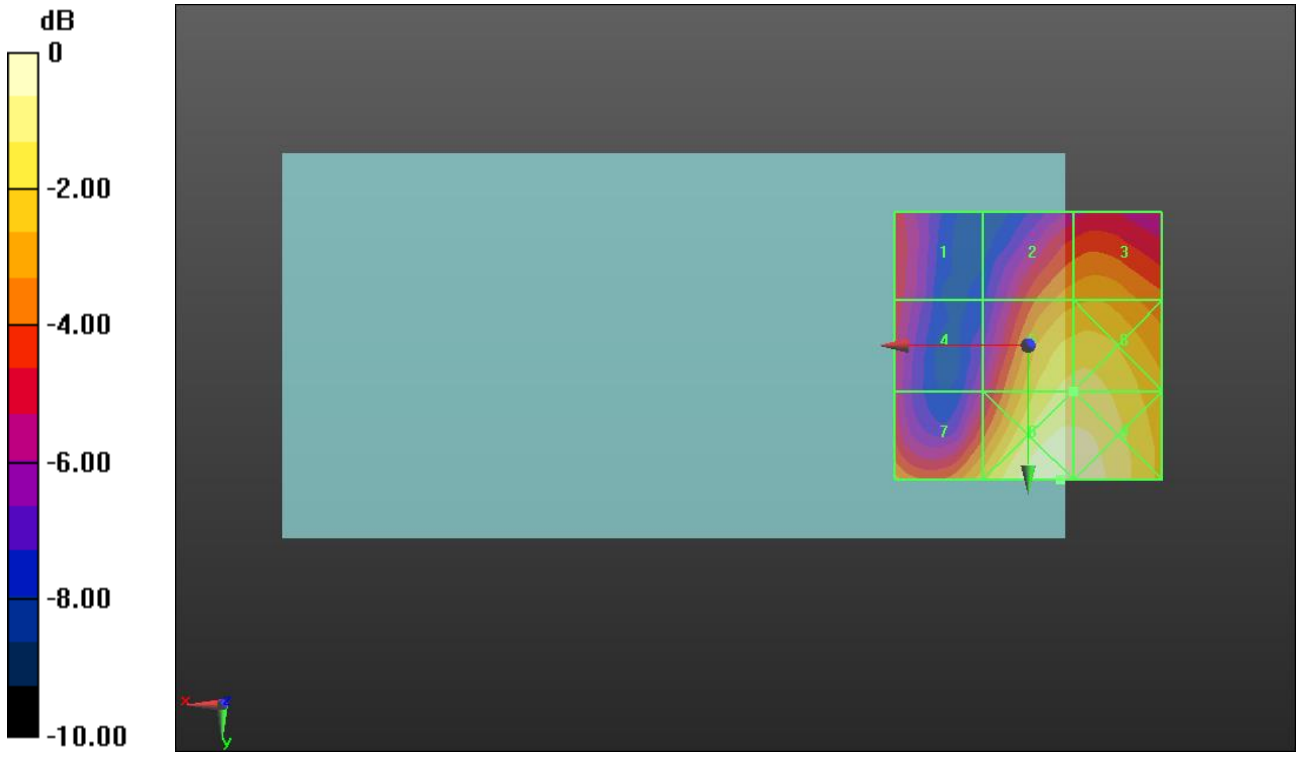
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 12.95 V/m; Power Drift = -0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 21.27 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.65 dBV/m**	Grid 2 **M4** **19.52 dBV/m**	Grid 3 **M4** **19.7 dBV/m**
Grid 4 **M4** **17.55 dBV/m**	Grid 5 **M4** **21.27 dBV/m**	Grid 6 **M4** **21.3 dBV/m**
Grid 7 **M4** **20.12 dBV/m**	Grid 8 **M4** **22.37 dBV/m**	Grid 9 **M4** **22.29 dBV/m**



0 dB = 13.14 V/m = 22.37 dBV/m

HAC-RF Emission

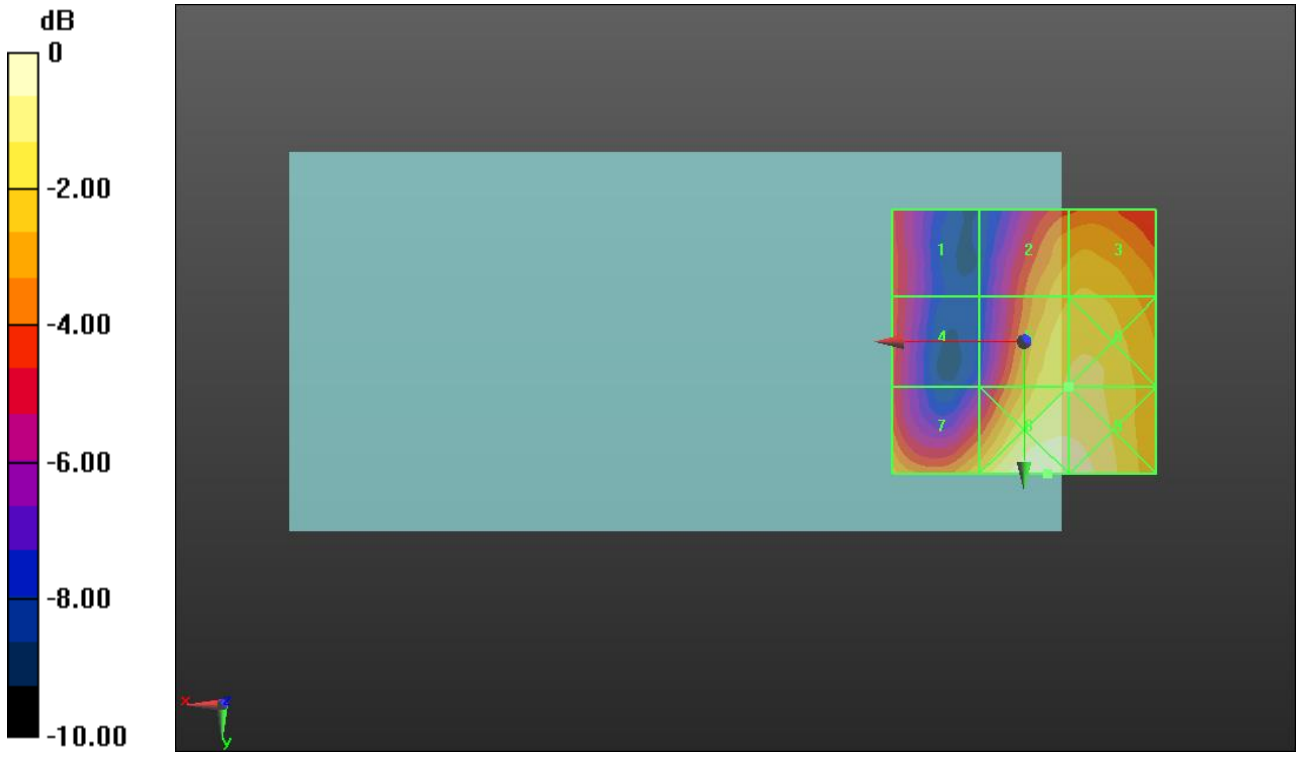
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 11.04 V/m; Power Drift = 0.15 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.47 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.47 dBV/m**	Grid 2 **M4** **18.69 dBV/m**	Grid 3 **M4** **18.86 dBV/m**
Grid 4 **M4** **16.5 dBV/m**	Grid 5 **M4** **19.47 dBV/m**	Grid 6 **M4** **19.56 dBV/m**
Grid 7 **M4** **18.67 dBV/m**	Grid 8 **M4** **20.72 dBV/m**	Grid 9 **M4** **20.57 dBV/m**



0 dB = 10.86 V/m = 20.72 dBV/m

HAC-RF Emission

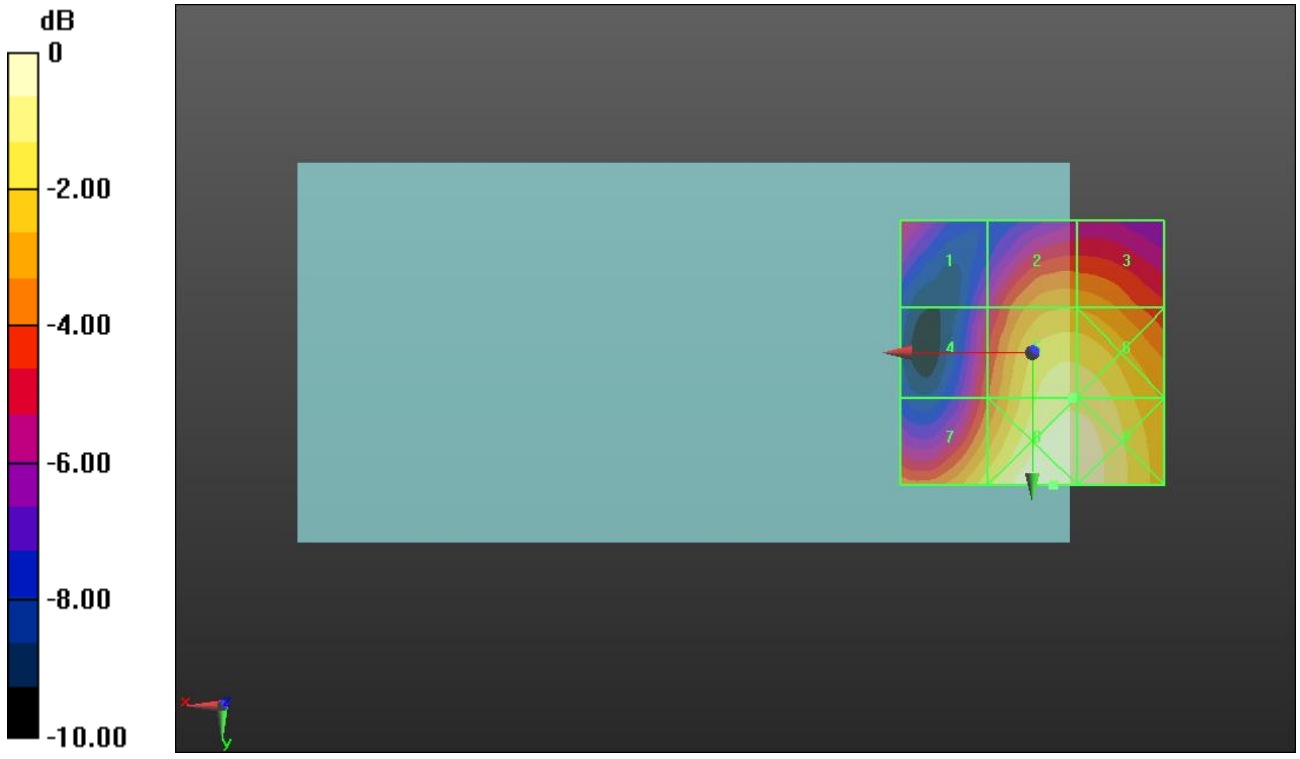
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 19.40 V/m; Power Drift = -0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.48 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.37 dBV/m**	Grid 2 **M4** **21.64 dBV/m**	Grid 3 **M4** **21.6 dBV/m**
Grid 4 **M4** **20.22 dBV/m**	Grid 5 **M4** **23.48 dBV/m**	Grid 6 **M4** **23.47 dBV/m**
Grid 7 **M4** **22.78 dBV/m**	Grid 8 **M4** **24.31 dBV/m**	Grid 9 **M4** **24.17 dBV/m**



0 dB = 16.43 V/m = 24.31 dBV/m

sHAC-RF Emission

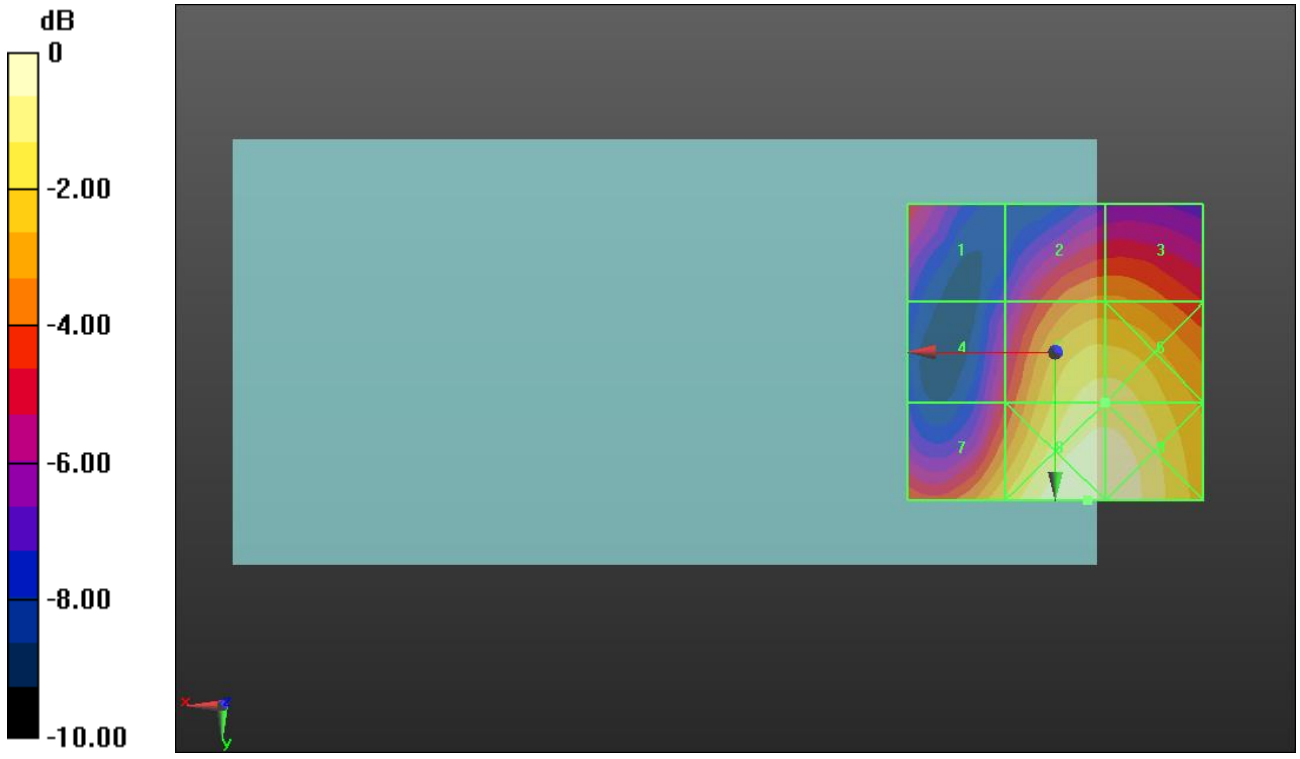
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 18.24 V/m; Power Drift = -0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.54 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.74 dBV/m**	Grid 2 **M4** **21.39 dBV/m**	Grid 3 **M4** **21.39 dBV/m**
Grid 4 **M4** **19.79 dBV/m**	Grid 5 **M4** **23.54 dBV/m**	Grid 6 **M4** **23.54 dBV/m**
Grid 7 **M4** **22.62 dBV/m**	Grid 8 **M4** **24.5 dBV/m**	Grid 9 **M4** **24.43 dBV/m**



0 dB = 16.79 V/m = 24.50 dBV/m

HAC-RF Emission

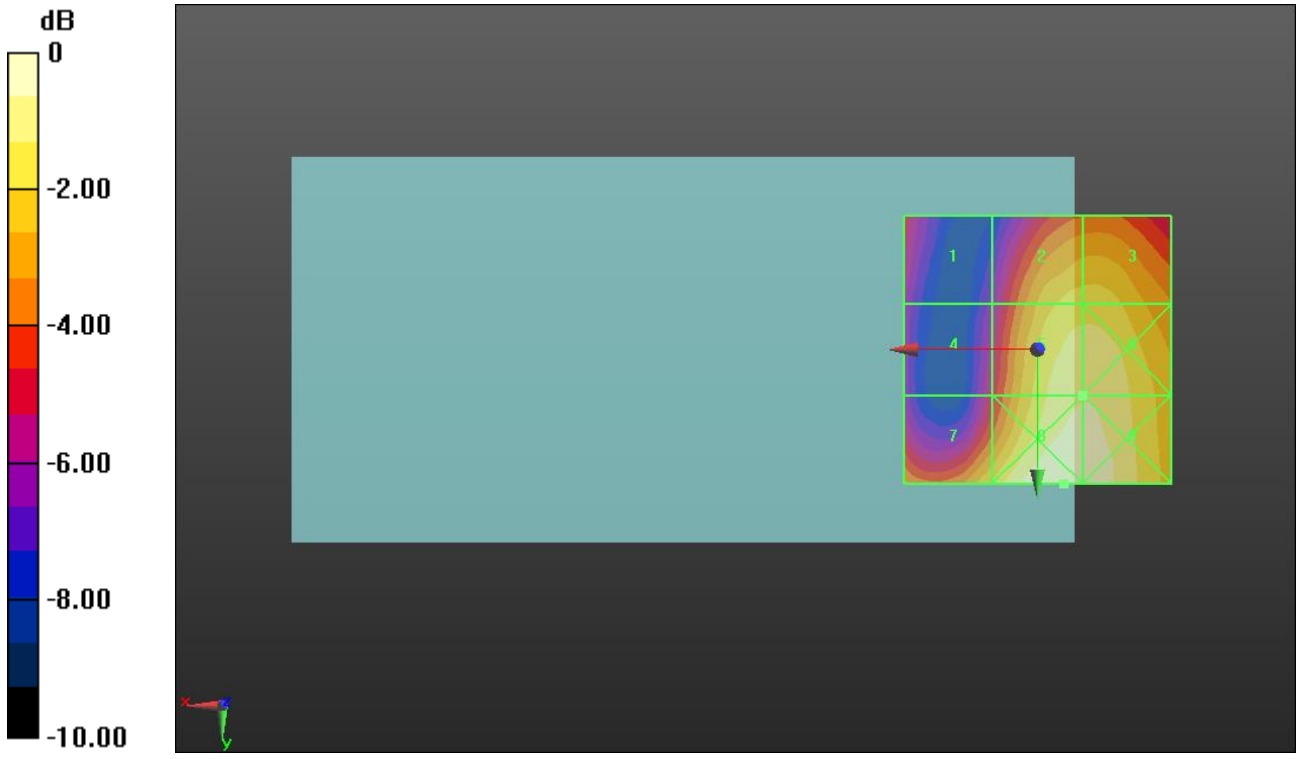
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 17.17 V/m; Power Drift = 0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.75 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.64 dBV/m**	Grid 2 **M4** **21.82 dBV/m**	Grid 3 **M4** **21.83 dBV/m**
Grid 4 **M4** **18.37 dBV/m**	Grid 5 **M4** **22.75 dBV/m**	Grid 6 **M4** **22.75 dBV/m**
Grid 7 **M4** **21.57 dBV/m**	Grid 8 **M4** **23.45 dBV/m**	Grid 9 **M4** **23.36 dBV/m**



0 dB = 14.87 V/m = 23.45 dBV/m

HAC-RF Emission

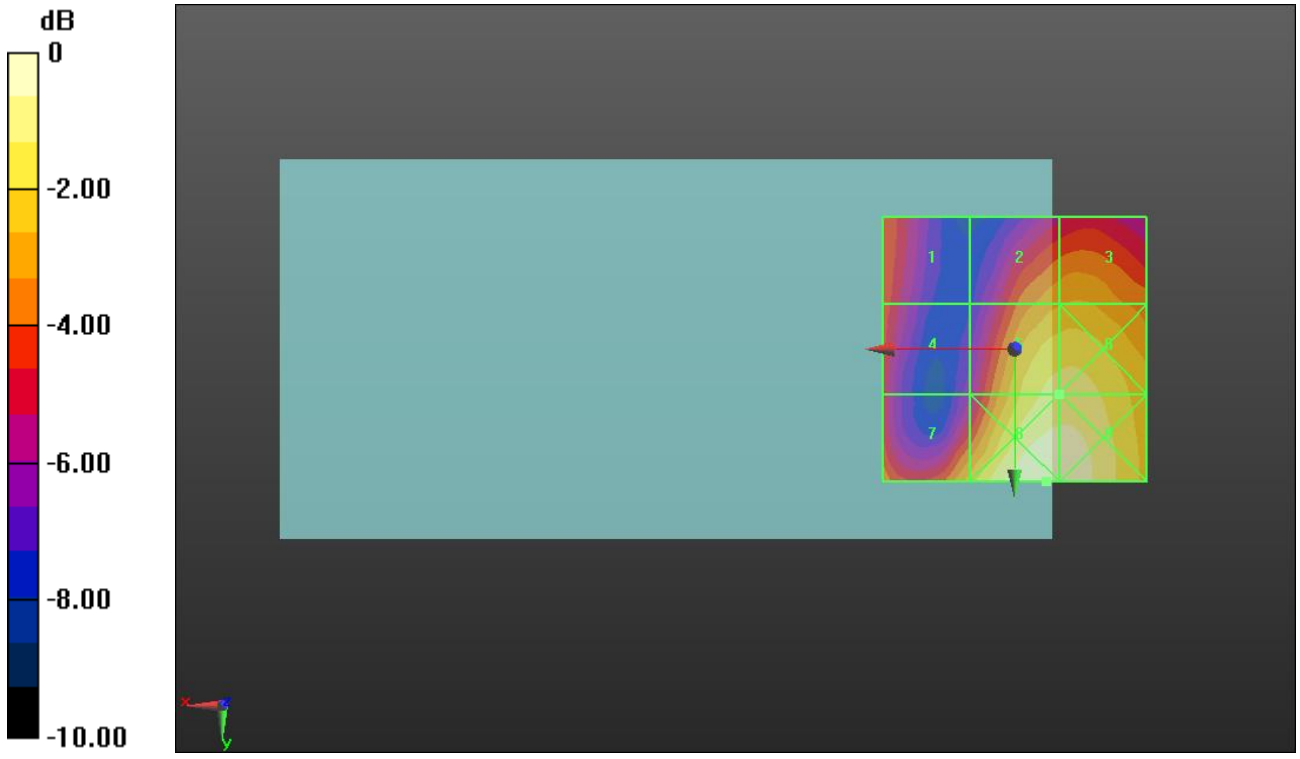
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 14.56 V/m; Power Drift = -0.09 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.11 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.18 dBV/m**	Grid 2 **M4** **20.44 dBV/m**	Grid 3 **M4** **20.57 dBV/m**
Grid 4 **M4** **19.09 dBV/m**	Grid 5 **M4** **22.11 dBV/m**	Grid 6 **M4** **22.14 dBV/m**
Grid 7 **M4** **20.79 dBV/m**	Grid 8 **M4** **23.14 dBV/m**	Grid 9 **M4** **23.05 dBV/m**



0 dB = 14.35 V/m = 23.14 dBV/m

HAC-RF Emission

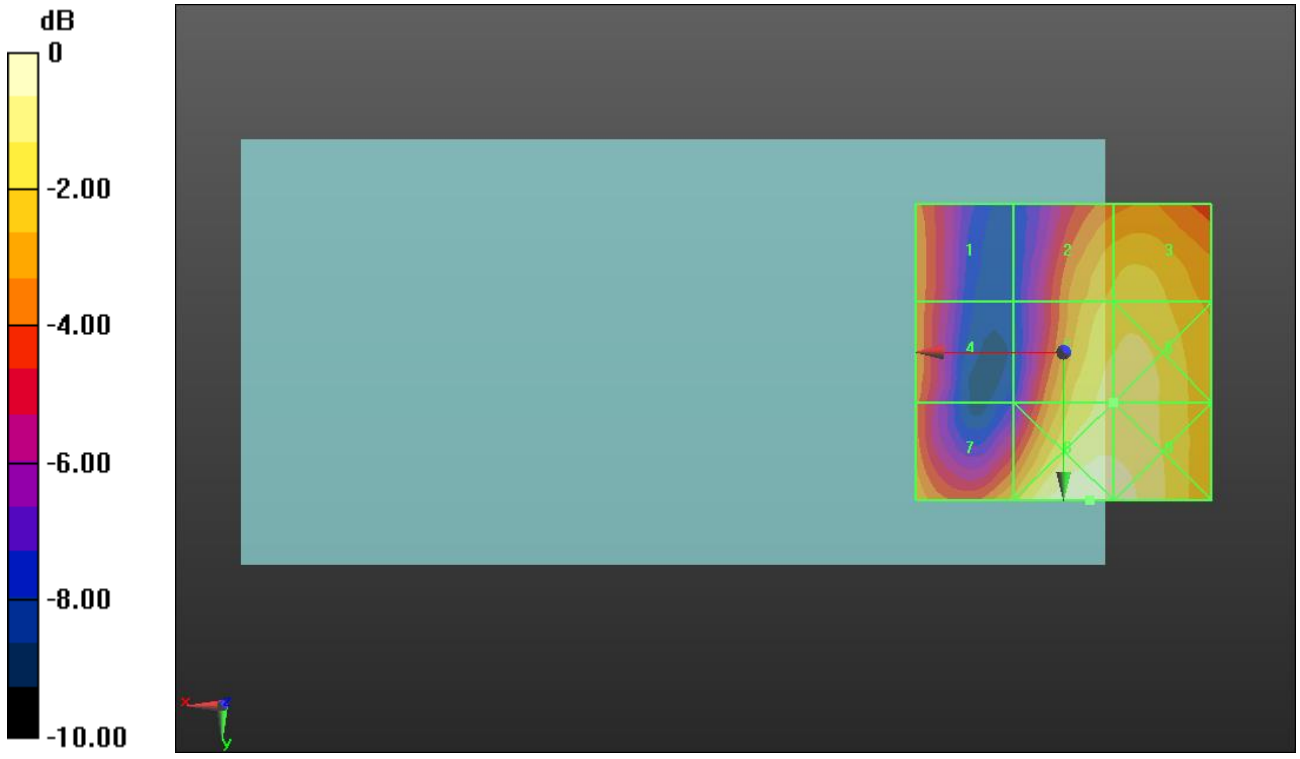
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 12.62 V/m; Power Drift = -0.07 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.53 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.17 dBV/m**	Grid 2 **M4** **19.84 dBV/m**	Grid 3 **M4** **20.03 dBV/m**
Grid 4 **M4** **18.19 dBV/m**	Grid 5 **M4** **20.53 dBV/m**	Grid 6 **M4** **20.59 dBV/m**
Grid 7 **M4** **19.27 dBV/m**	Grid 8 **M4** **21.61 dBV/m**	Grid 9 **M4** **21.34 dBV/m**



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

HAC-RF Emission

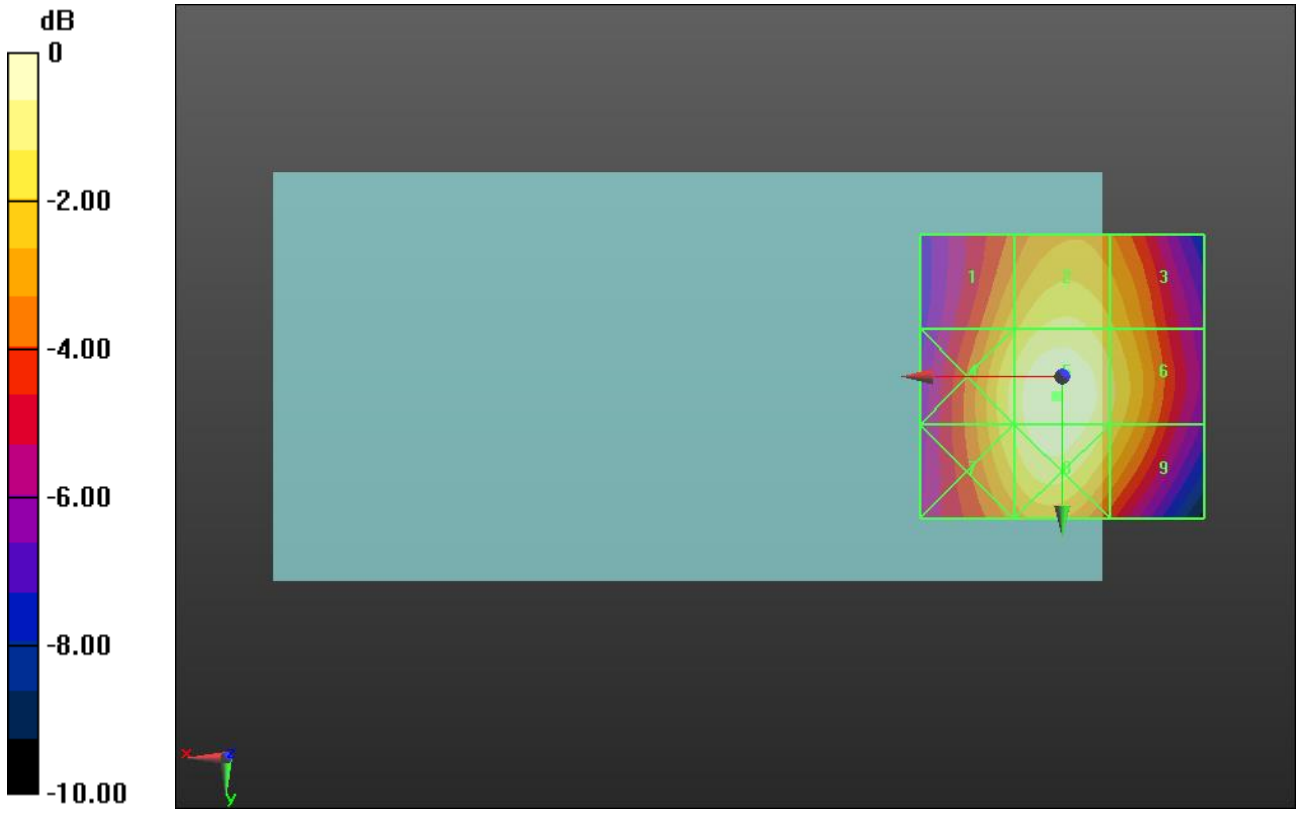
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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)

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 = 122.3 V/m; Power Drift = 0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 40.39 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **38.22 dBV/m**	Grid 2 **M4** **39.31 dBV/m**	Grid 3 **M4** **38.53 dBV/m**
Grid 4 **M4** **39.37 dBV/m**	Grid 5 **M3** **40.39 dBV/m**	Grid 6 **M4** **39.26 dBV/m**
Grid 7 **M4** **39.23 dBV/m**	Grid 8 **M3** **40.18 dBV/m**	Grid 9 **M4** **38.91 dBV/m**



0 dB = 104.6 V/m = 40.39 dBV/m

HAC-RF Emission

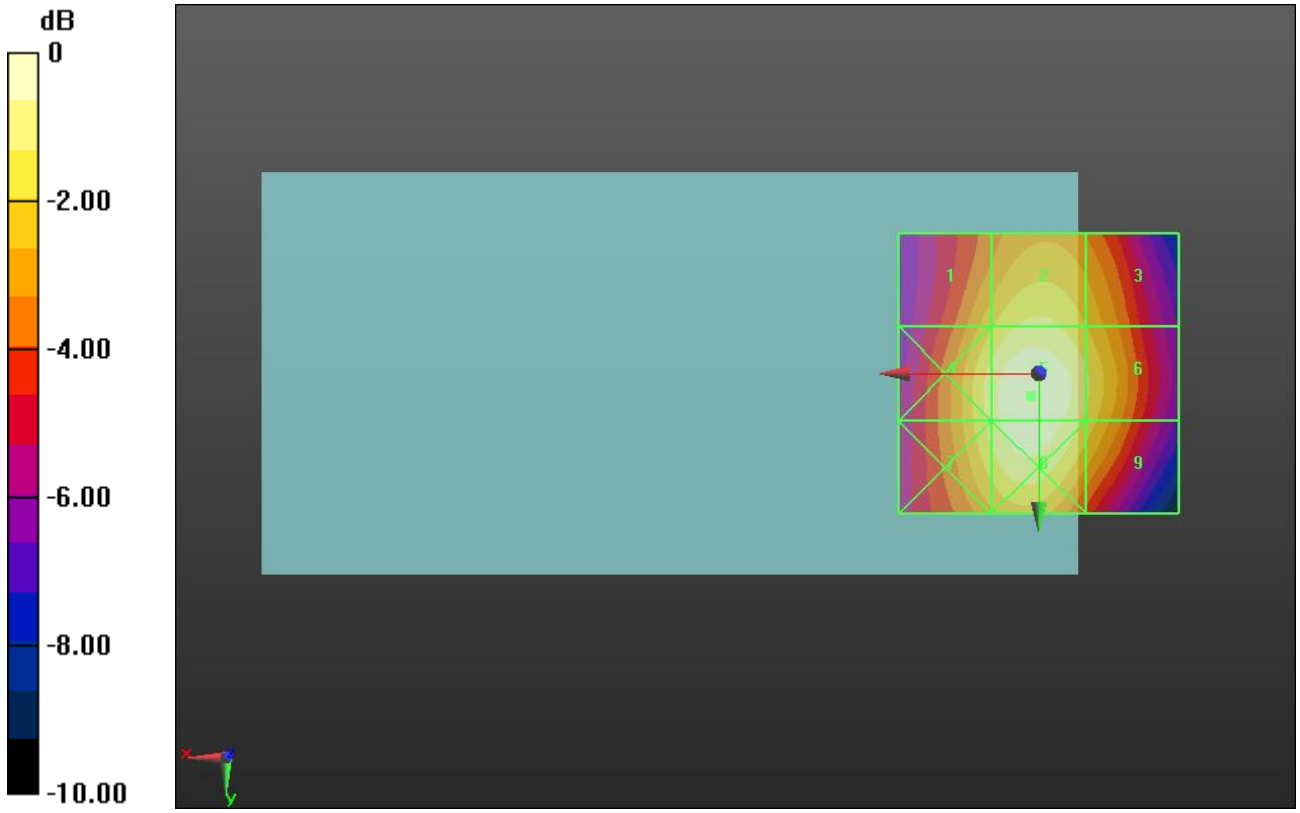
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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)

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 = 126.6 V/m; Power Drift = -0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 40.75 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **38.64 dBV/m**	Grid 2 **M4** **39.63 dBV/m**	Grid 3 **M4** **38.76 dBV/m**
Grid 4 **M4** **39.81 dBV/m**	Grid 5 **M3** **40.75 dBV/m**	Grid 6 **M4** **39.55 dBV/m**
Grid 7 **M4** **39.71 dBV/m**	Grid 8 **M3** **40.59 dBV/m**	Grid 9 **M4** **39.21 dBV/m**



0 dB = 109.0 V/m = 40.75 dBV/m

HAC-RF Emission

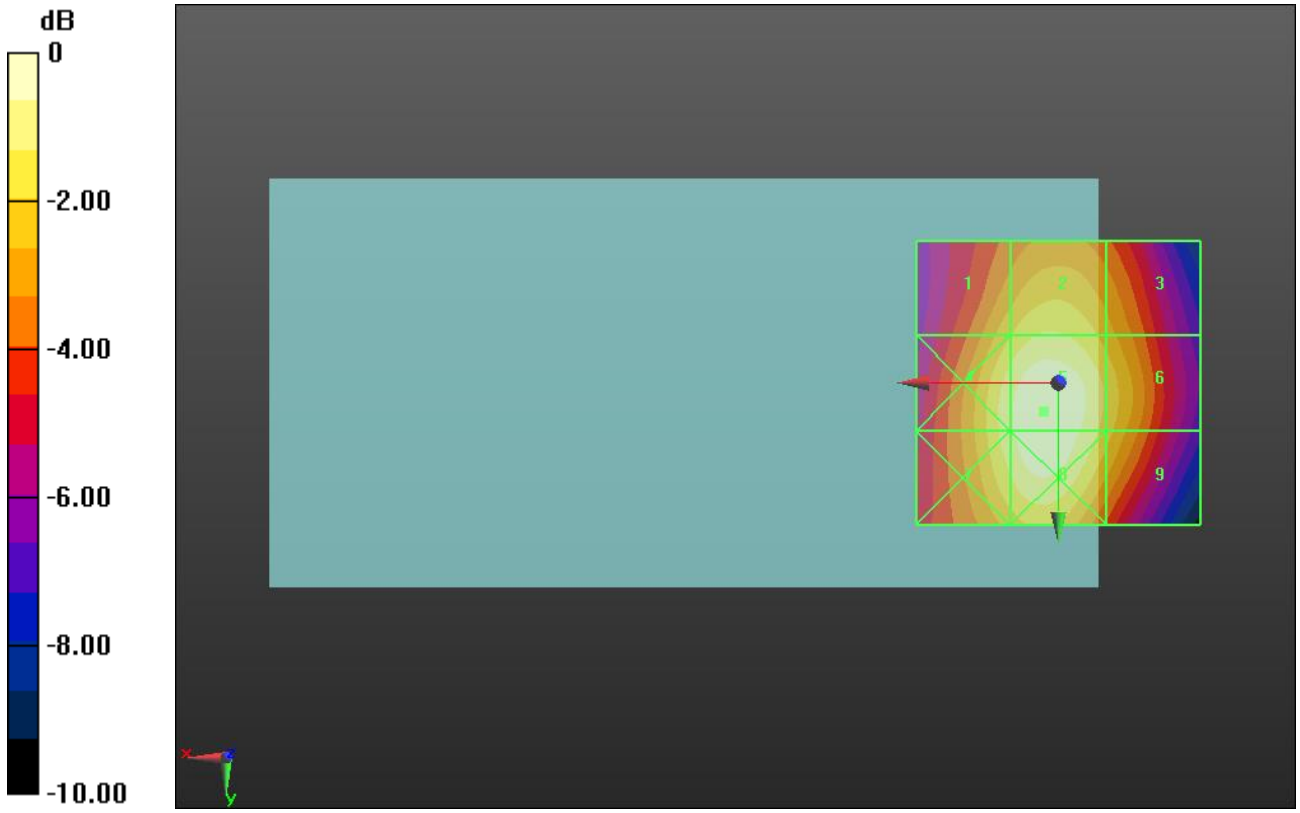
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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)

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 = 128.2 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 40.91 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **38.87 dBV/m**	Grid 2 **M4** **39.66 dBV/m**	Grid 3 **M4** **38.6 dBV/m**
Grid 4 **M3** **40.15 dBV/m**	Grid 5 **M3** **40.91 dBV/m**	Grid 6 **M4** **39.49 dBV/m**
Grid 7 **M3** **40.08 dBV/m**	Grid 8 **M3** **40.84 dBV/m**	Grid 9 **M4** **39.21 dBV/m**



0 dB = 111.1 V/m = 40.91 dBV/m

HAC-RF Emission

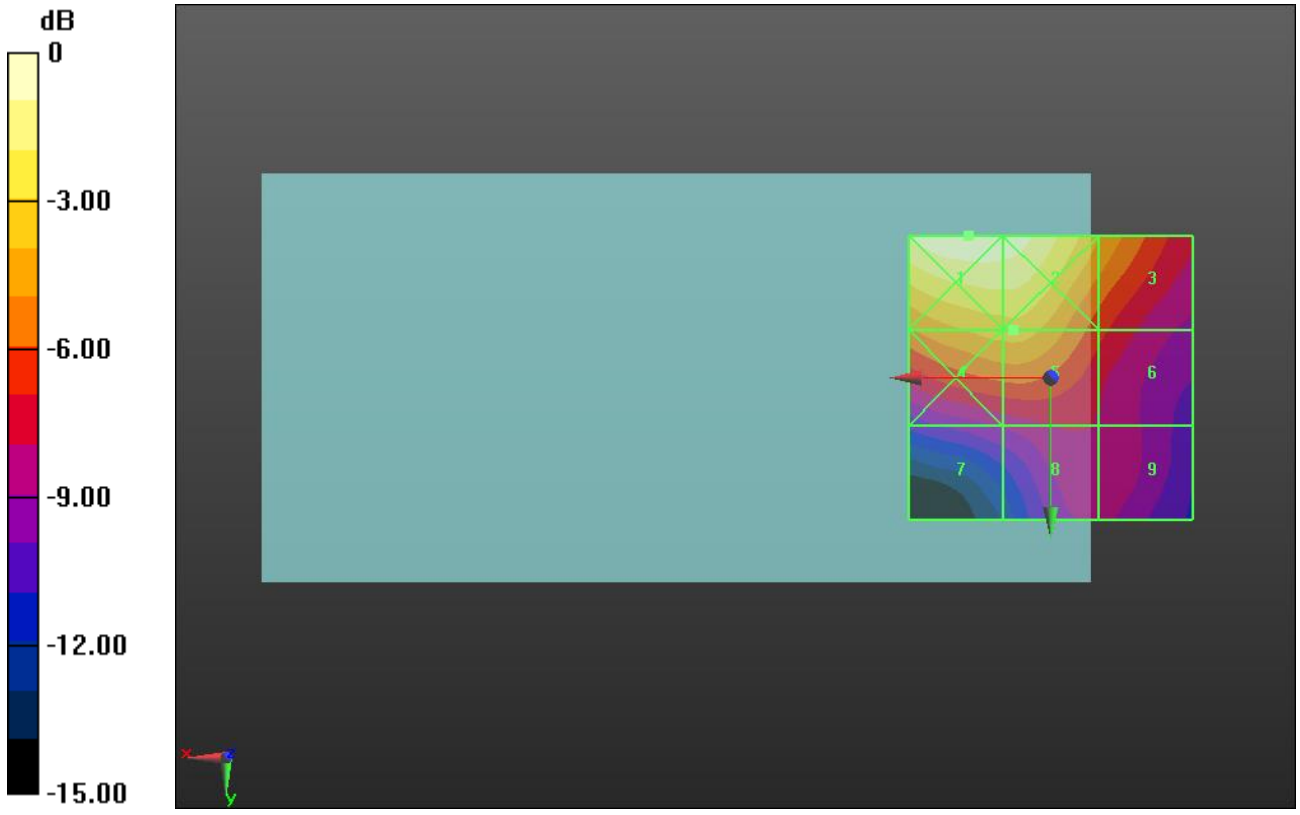
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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 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 = 20.28 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.08 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **33.54 dBV/m**	Grid 2 **M3** **33.28 dBV/m**	Grid 3 **M4** **29.6 dBV/m**
Grid 4 **M3** **30.01 dBV/m**	Grid 5 **M3** **30.08 dBV/m**	Grid 6 **M4** **26.96 dBV/m**
Grid 7 **M4** **24.76 dBV/m**	Grid 8 **M4** **25.64 dBV/m**	Grid 9 **M4** **25.56 dBV/m**



0 dB = 47.53 V/m = 33.54 dBV/m

HAC-RF Emission

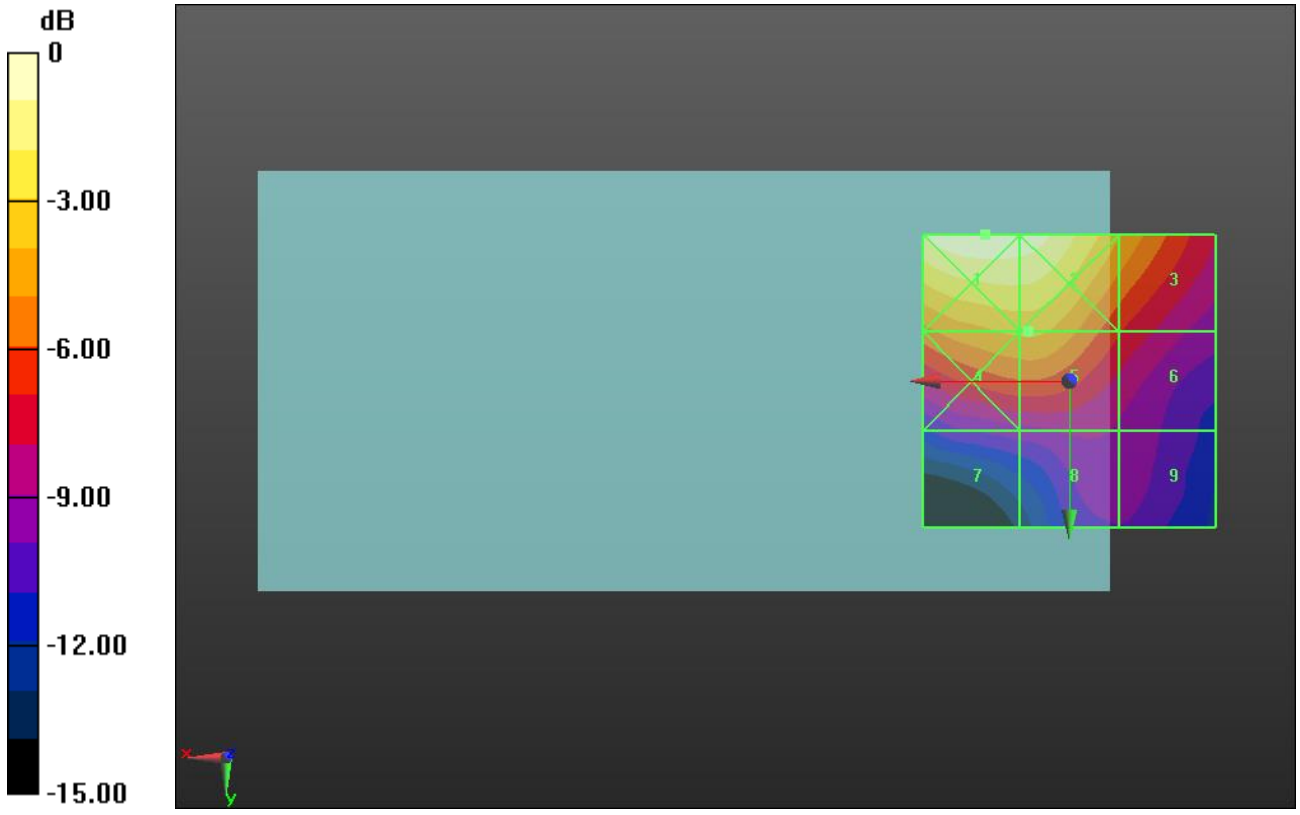
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- 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 = 20.40 V/m; Power Drift = 0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.33 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **34.09 dBV/m**	Grid 2 **M3** **33.8 dBV/m**	Grid 3 **M3** **30.18 dBV/m**
Grid 4 **M3** **30.29 dBV/m**	Grid 5 **M3** **30.33 dBV/m**	Grid 6 **M4** **27.24 dBV/m**
Grid 7 **M4** **24.75 dBV/m**	Grid 8 **M4** **25.3 dBV/m**	Grid 9 **M4** **25.01 dBV/m**



0 dB = 50.65 V/m = 34.09 dBV/m

HAC-RF Emission

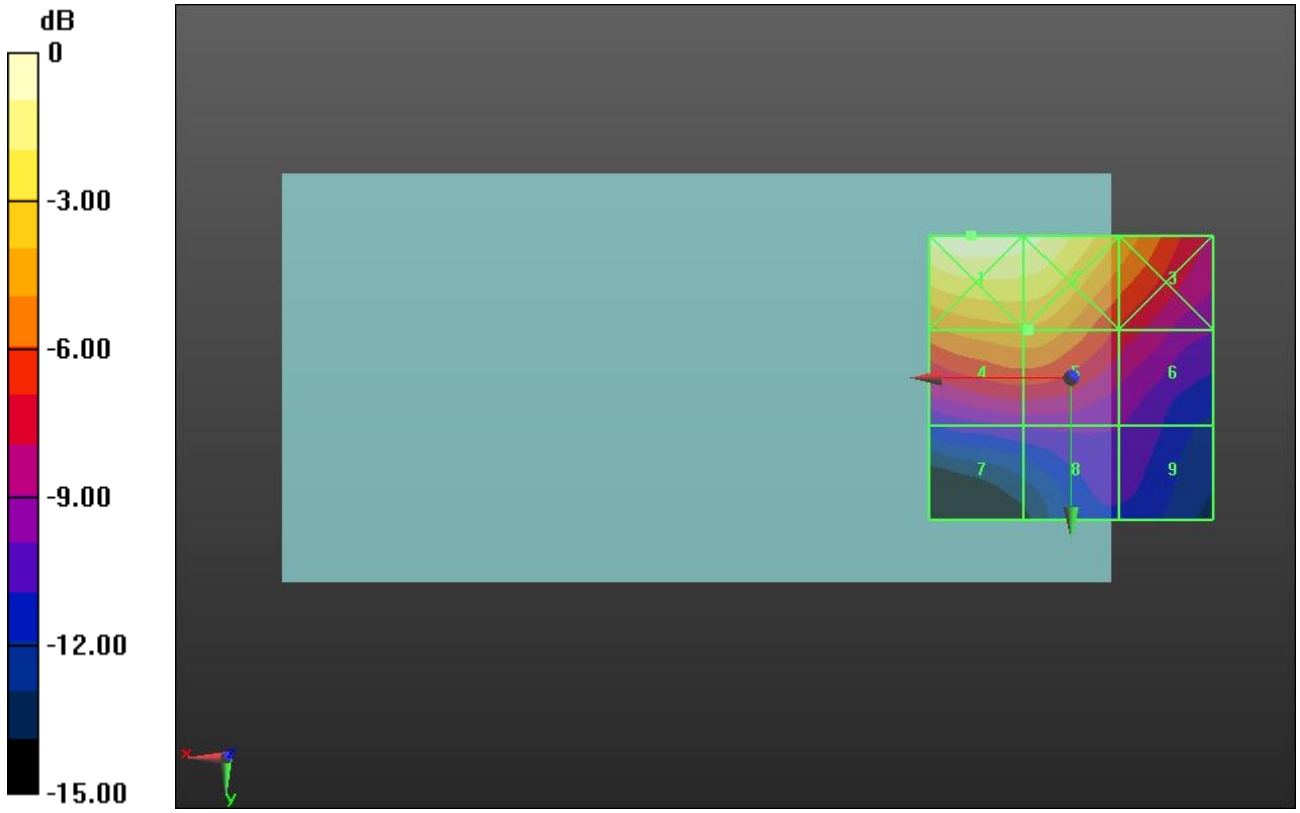
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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 = 18.98 V/m; Power Drift = 0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.76 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **33.95 dBV/m**	Grid 2 **M3** **33.49 dBV/m**	Grid 3 **M4** **29.88 dBV/m**
Grid 4 **M4** **29.75 dBV/m**	Grid 5 **M4** **29.76 dBV/m**	Grid 6 **M4** **26.81 dBV/m**
Grid 7 **M4** **24.11 dBV/m**	Grid 8 **M4** **24.27 dBV/m**	Grid 9 **M4** **24.04 dBV/m**



0 dB = 49.81 V/m = 33.95 dBV/m

HAC-RF Emission

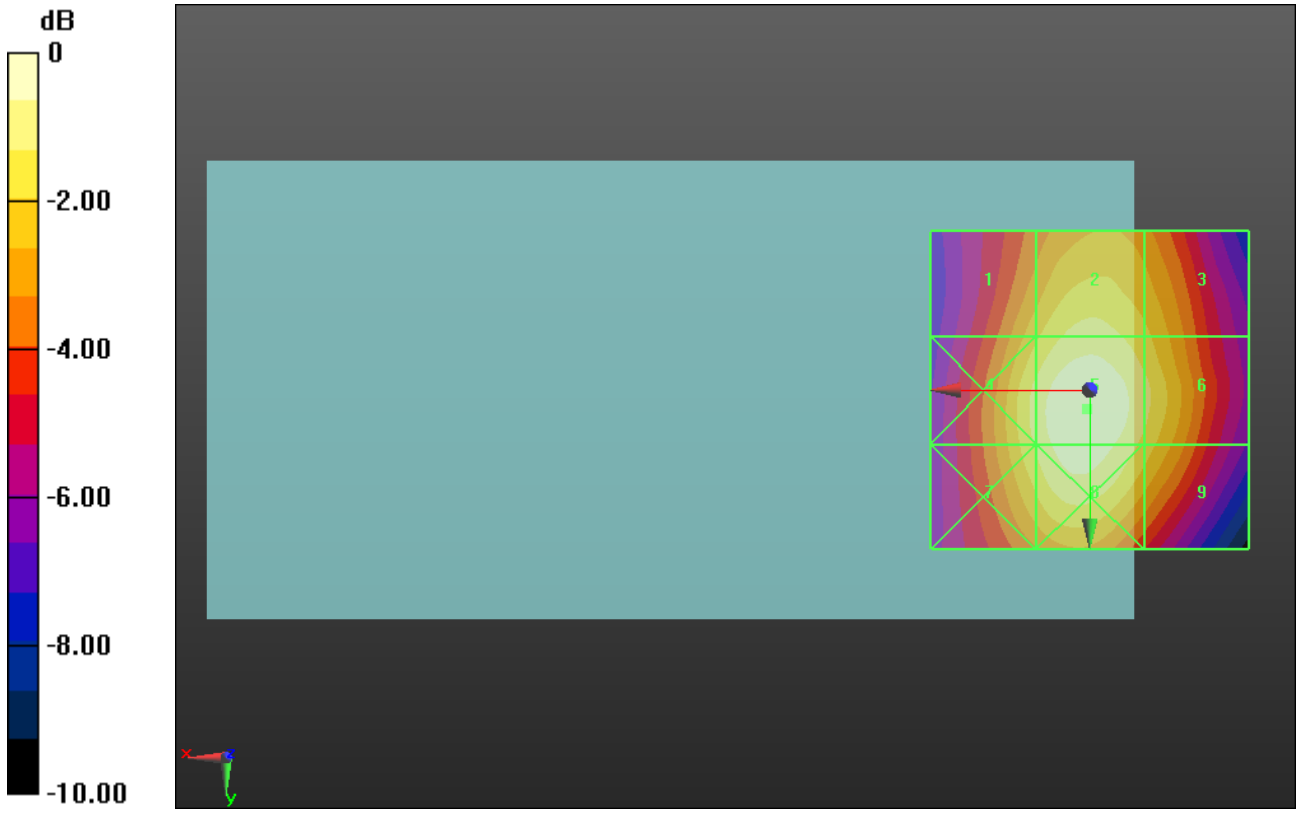
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 824.7 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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)

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 = 59.99 V/m; Power Drift = -0.00 dB
Applied MIF = 3.26 dB
RF audio interference level = 33.76 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **31.62 dBV/m**	Grid 2 **M4** **32.76 dBV/m**	Grid 3 **M4** **31.98 dBV/m**
Grid 4 **M4** **32.72 dBV/m**	Grid 5 **M4** **33.76 dBV/m**	Grid 6 **M4** **32.68 dBV/m**
Grid 7 **M4** **32.53 dBV/m**	Grid 8 **M4** **33.51 dBV/m**	Grid 9 **M4** **32.24 dBV/m**



0 dB = 48.77 V/m = 33.76 dBV/m

HAC-RF Emission

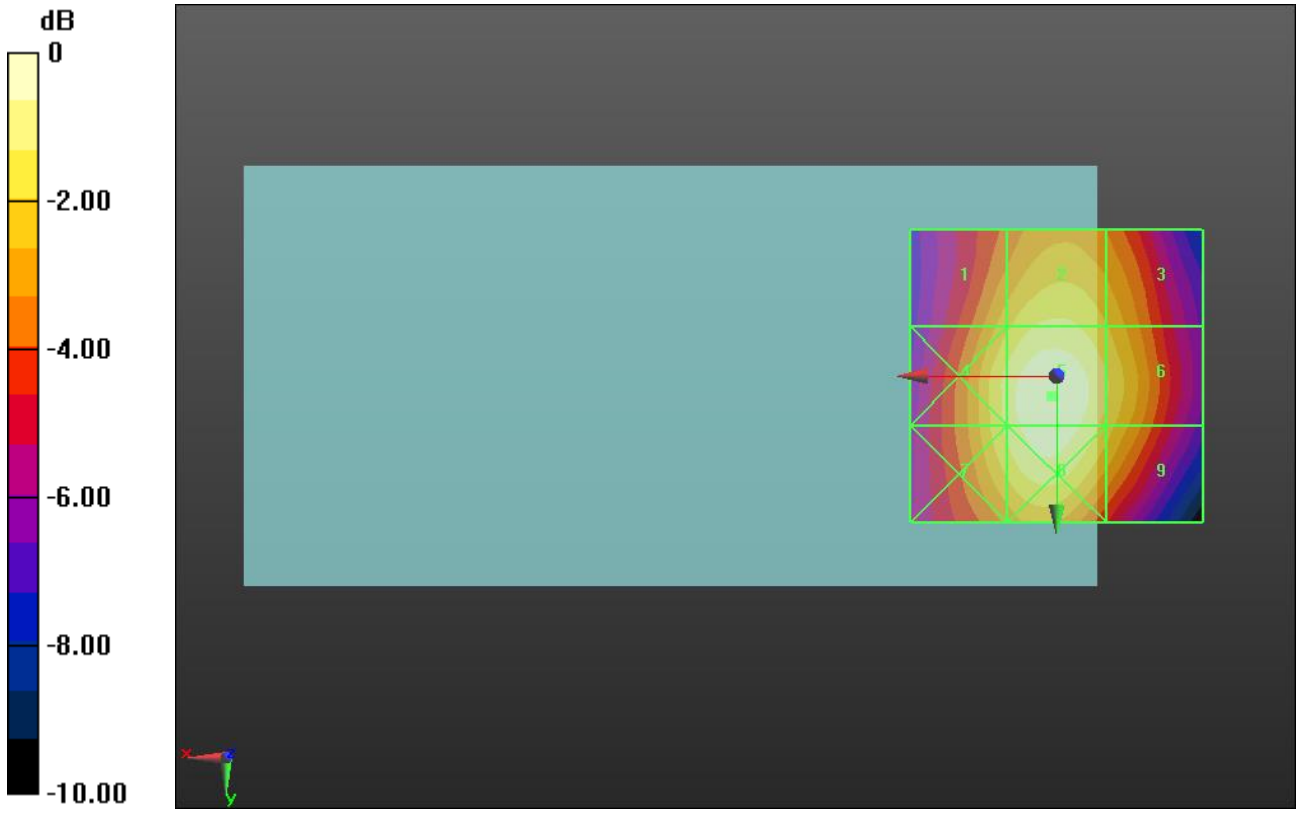
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 836.52 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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)

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 = 62.22 V/m; Power Drift = 0.09 dB
Applied MIF = 3.26 dB
RF audio interference level = 34.13 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **31.98 dBV/m**	Grid 2 **M4** **32.98 dBV/m**	Grid 3 **M4** **32.18 dBV/m**
Grid 4 **M4** **33.09 dBV/m**	Grid 5 **M4** **34.13 dBV/m**	Grid 6 **M4** **32.89 dBV/m**
Grid 7 **M4** **32.98 dBV/m**	Grid 8 **M4** **33.92 dBV/m**	Grid 9 **M4** **32.5 dBV/m**



0 dB = 50.89 V/m = 34.13 dBV/m

HAC-RF Emission

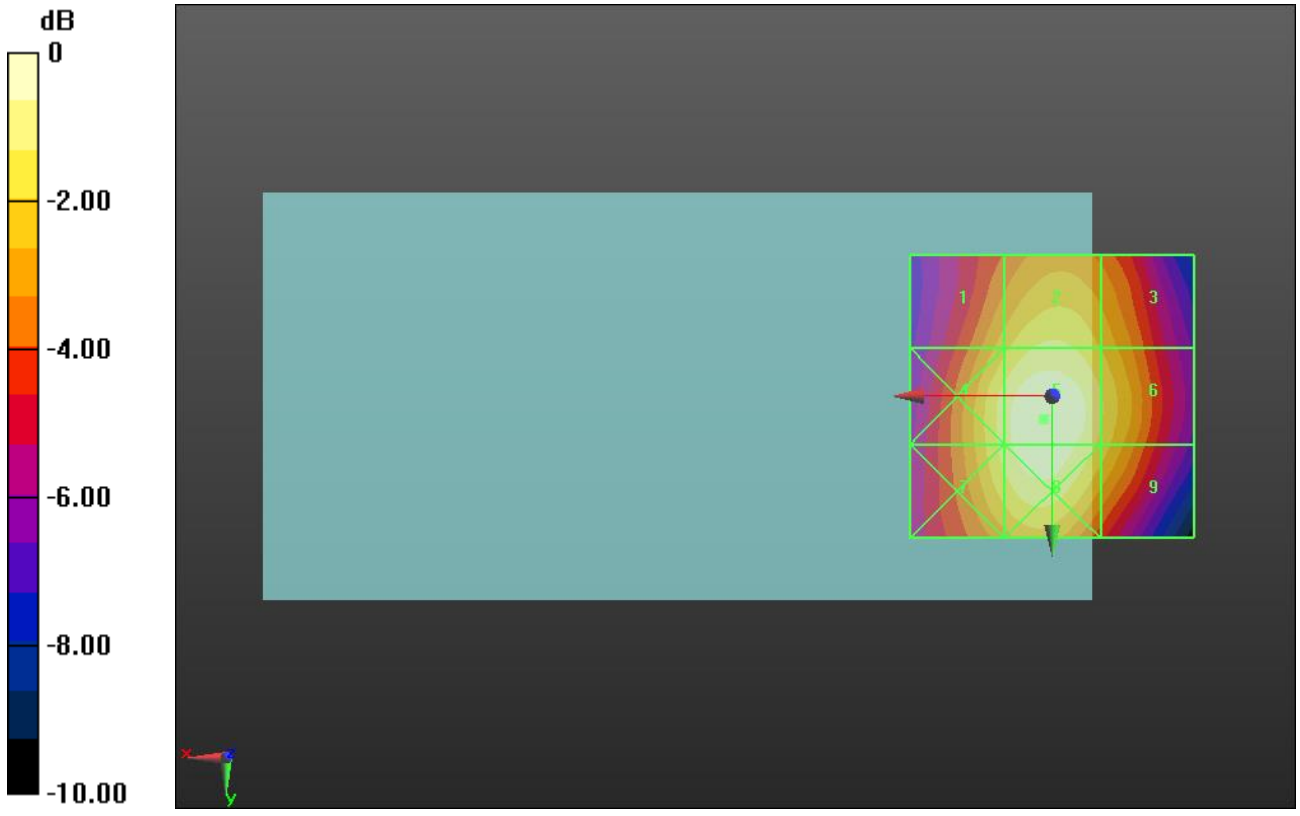
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 848.31 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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)

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 = 64.03 V/m; Power Drift = 0.01 dB
Applied MIF = 3.26 dB
RF audio interference level = 34.32 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **32.1 dBV/m**	Grid 2 **M4** **33.17 dBV/m**	Grid 3 **M4** **32.32 dBV/m**
Grid 4 **M4** **33.37 dBV/m**	Grid 5 **M4** **34.32 dBV/m**	Grid 6 **M4** **33.1 dBV/m**
Grid 7 **M4** **33.29 dBV/m**	Grid 8 **M4** **34.19 dBV/m**	Grid 9 **M4** **32.78 dBV/m**



0 dB = 51.97 V/m = 34.32 dBV/m

HAC-RF Emission

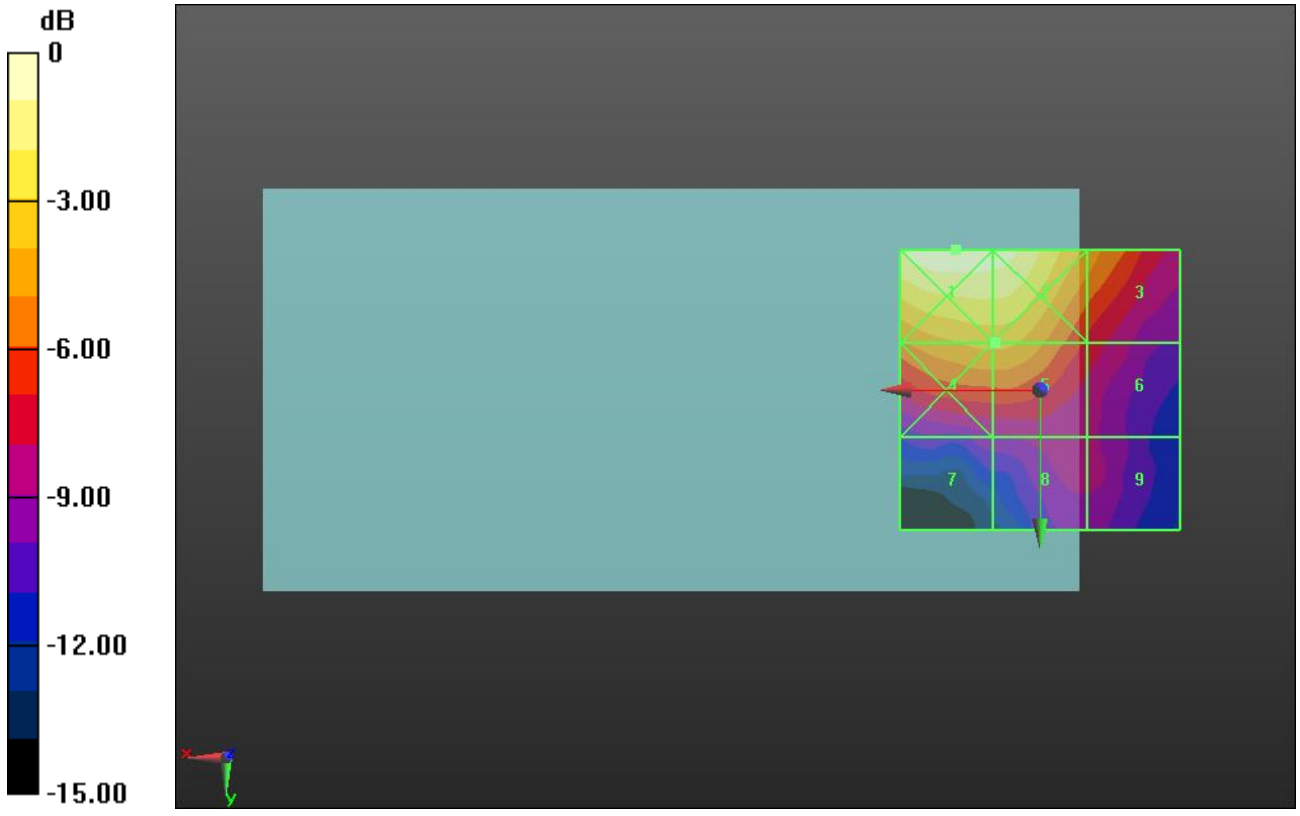
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1851.25 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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)

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 = 11.73 V/m; Power Drift = 0.03 dB
Applied MIF = 3.26 dB
RF audio interference level = 25.39 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **29.08 dBV/m**	Grid 2 **M4** **28.73 dBV/m**	Grid 3 **M4** **24.72 dBV/m**
Grid 4 **M4** **25.39 dBV/m**	Grid 5 **M4** **25.39 dBV/m**	Grid 6 **M4** **21.87 dBV/m**
Grid 7 **M4** **19.93 dBV/m**	Grid 8 **M4** **20.55 dBV/m**	Grid 9 **M4** **20.56 dBV/m**



0 dB = 28.43 V/m = 29.08 dBV/m

HAC-RF Emission

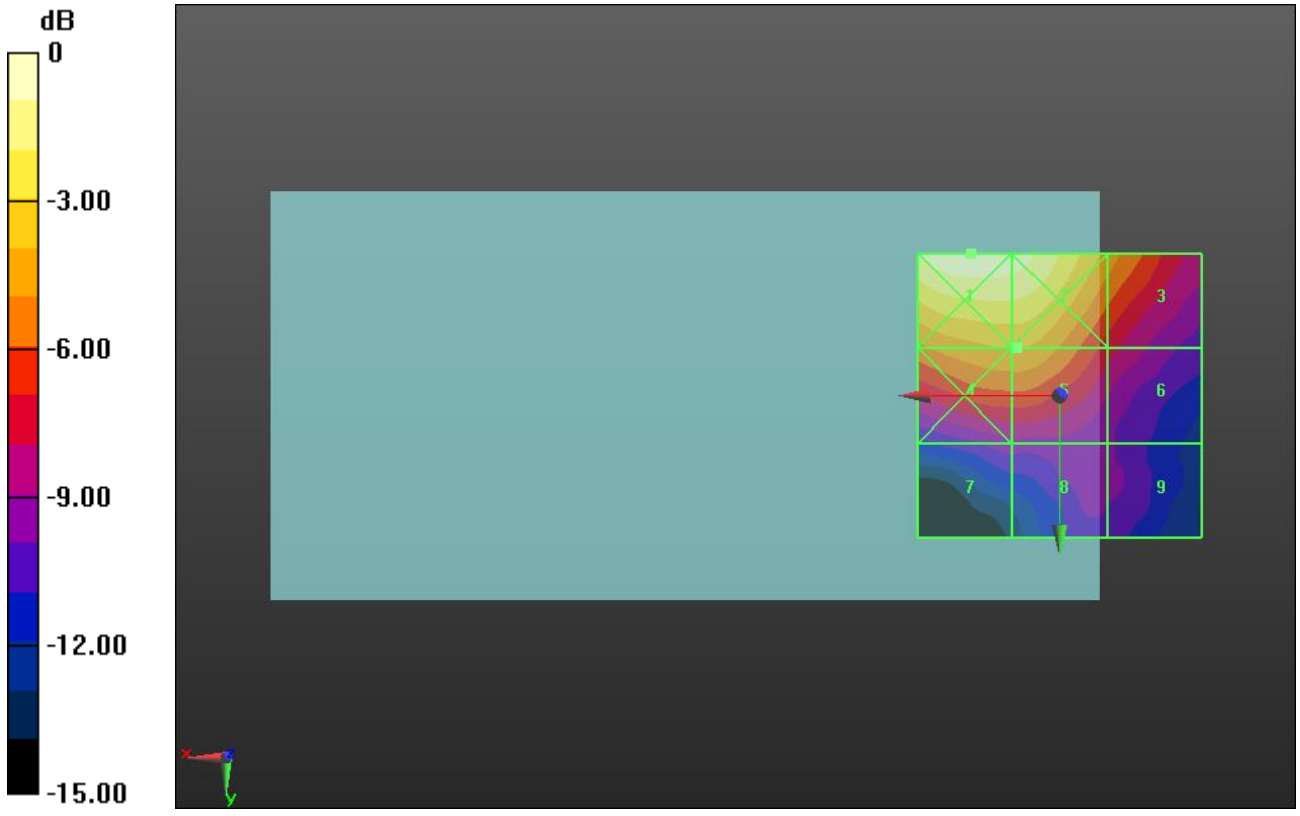
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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)

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 = 11.92 V/m; Power Drift = 0.08 dB
Applied MIF = 3.26 dB
RF audio interference level = 25.66 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **29.6 dBV/m**	Grid 2 **M4** **29.23 dBV/m**	Grid 3 **M4** **25.21 dBV/m**
Grid 4 **M4** **25.65 dBV/m**	Grid 5 **M4** **25.66 dBV/m**	Grid 6 **M4** **22.13 dBV/m**
Grid 7 **M4** **20.25 dBV/m**	Grid 8 **M4** **20.3 dBV/m**	Grid 9 **M4** **20 dBV/m**



0 dB = 30.20 V/m = 29.60 dBV/m

HAC-RF Emission

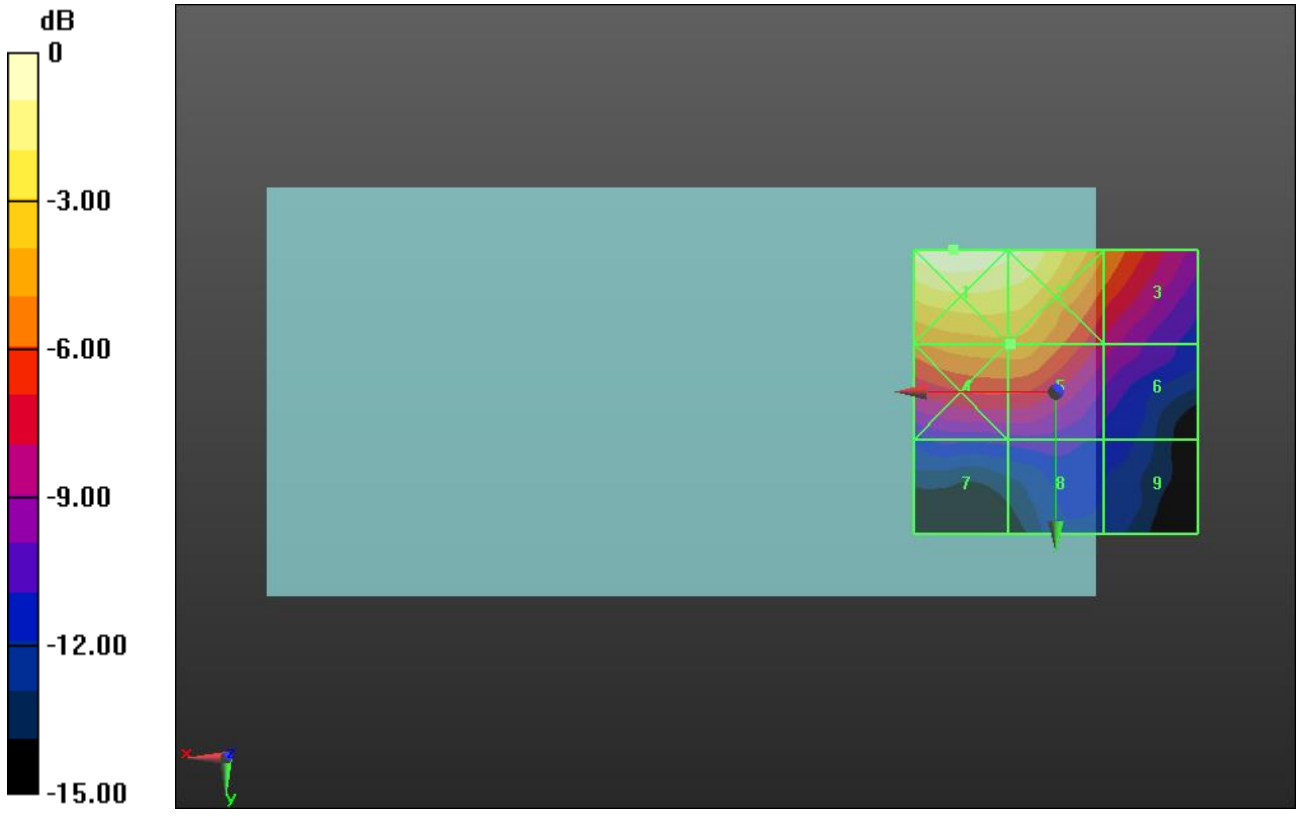
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1908.75 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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)

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 = 11.37 V/m; Power Drift = -0.01 dB
Applied MIF = 3.26 dB
RF audio interference level = 25.35 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **29.63 dBV/m**	Grid 2 **M4** **29.05 dBV/m**	Grid 3 **M4** **24.8 dBV/m**
Grid 4 **M4** **25.36 dBV/m**	Grid 5 **M4** **25.35 dBV/m**	Grid 6 **M4** **21.38 dBV/m**
Grid 7 **M4** **19.09 dBV/m**	Grid 8 **M4** **19.37 dBV/m**	Grid 9 **M4** **18.56 dBV/m**



0 dB = 30.30 V/m = 29.63 dBV/m

HAC-RF Emission

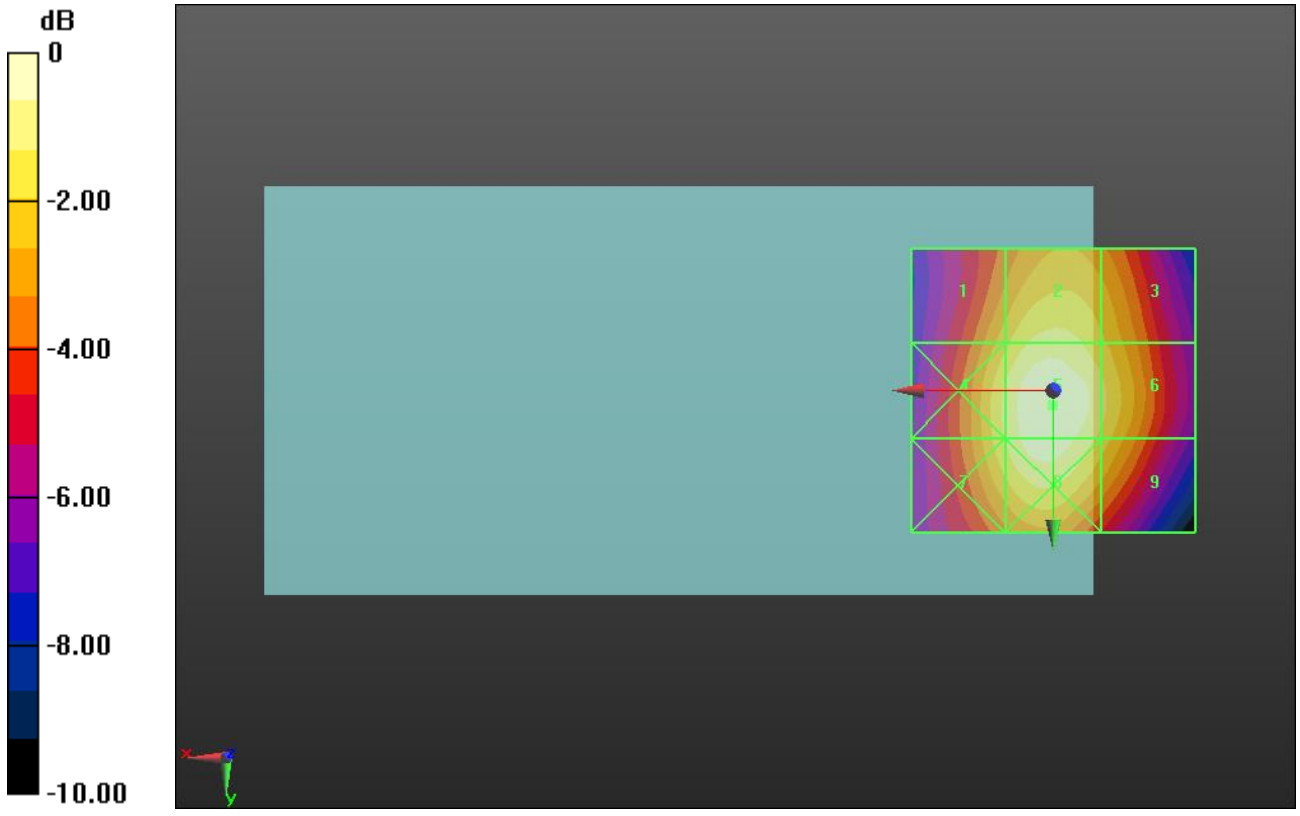
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.3 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 817.3 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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)

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 = 57.76 V/m; Power Drift = 0.01 dB
Applied MIF = 3.26 dB
RF audio interference level = 33.42 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **31.22 dBV/m**	Grid 2 **M4** **32.38 dBV/m**	Grid 3 **M4** **31.58 dBV/m**
Grid 4 **M4** **32.25 dBV/m**	Grid 5 **M4** **33.42 dBV/m**	Grid 6 **M4** **32.3 dBV/m**
Grid 7 **M4** **32.1 dBV/m**	Grid 8 **M4** **33.17 dBV/m**	Grid 9 **M4** **31.82 dBV/m**



0 dB = 46.88 V/m = 33.42 dBV/m

HAC-RF Emission

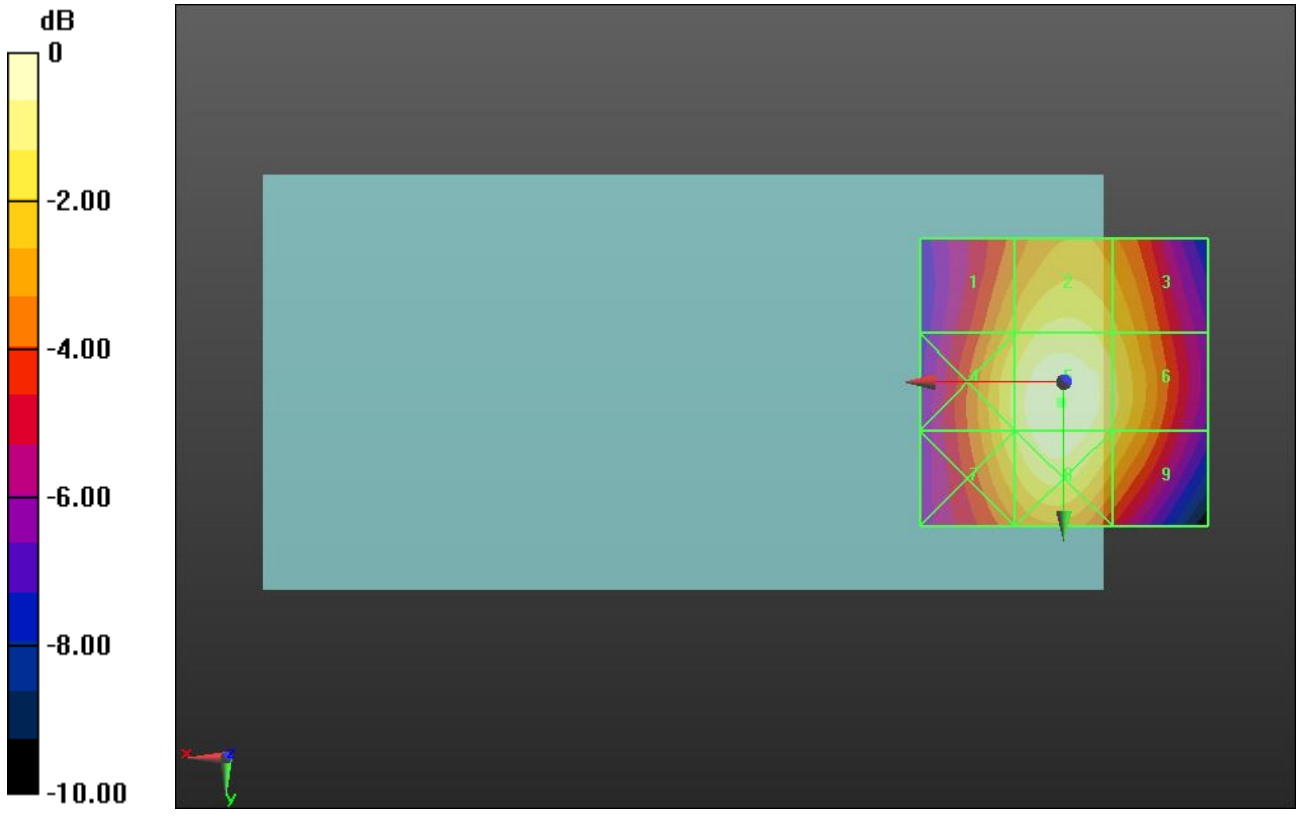
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 820 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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)

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 = 58.41 V/m; Power Drift = 0.06 dB
Applied MIF = 3.26 dB
RF audio interference level = 33.49 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **31.34 dBV/m**	Grid 2 **M4** **32.46 dBV/m**	Grid 3 **M4** **31.73 dBV/m**
Grid 4 **M4** **32.39 dBV/m**	Grid 5 **M4** **33.49 dBV/m**	Grid 6 **M4** **32.4 dBV/m**
Grid 7 **M4** **32.23 dBV/m**	Grid 8 **M4** **33.28 dBV/m**	Grid 9 **M4** **31.95 dBV/m**



0 dB = 47.26 V/m = 33.49 dBV/m

HAC-RF Emission

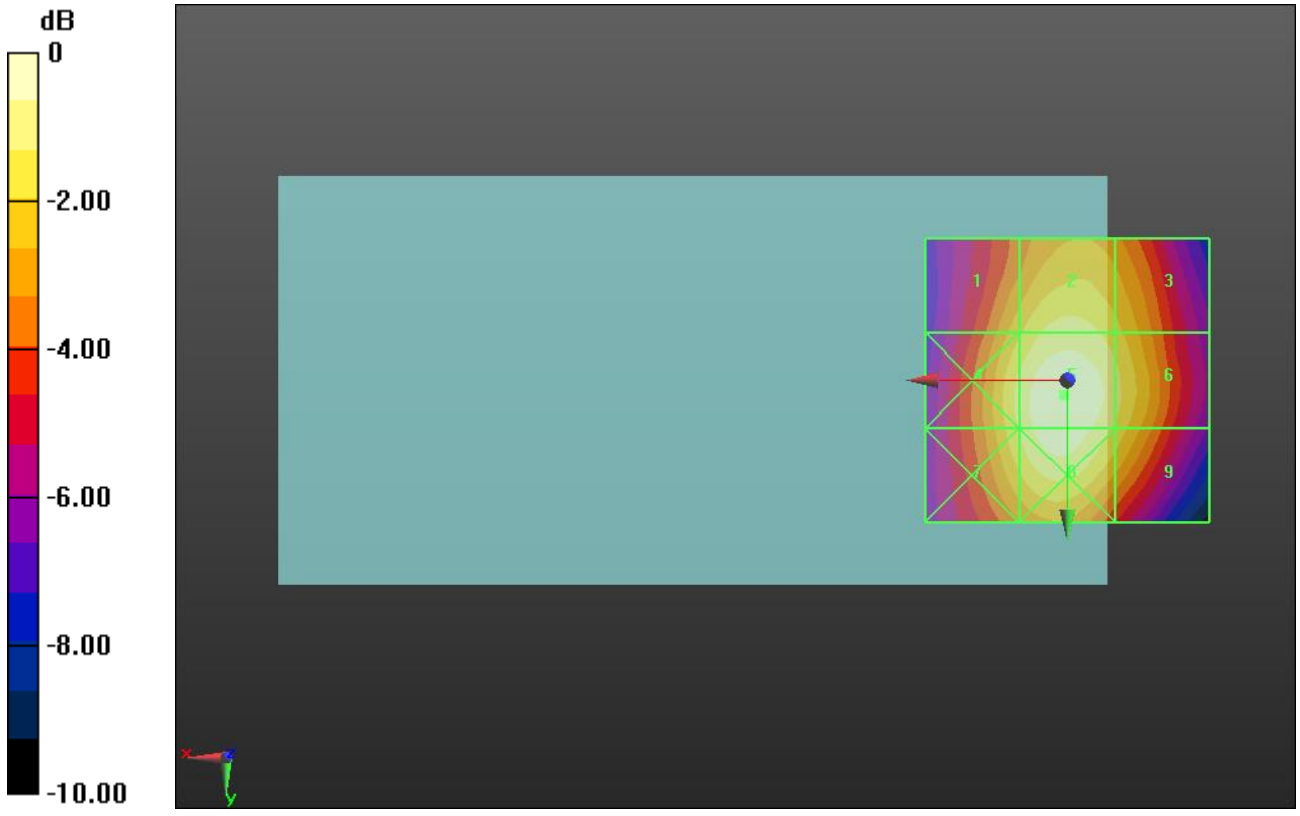
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 822.75 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 822.75 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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)

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 = 59.42 V/m; Power Drift = -0.00 dB
Applied MIF = 3.26 dB
RF audio interference level = 33.64 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **31.5 dBV/m**	Grid 2 **M4** **32.63 dBV/m**	Grid 3 **M4** **31.89 dBV/m**
Grid 4 **M4** **32.55 dBV/m**	Grid 5 **M4** **33.64 dBV/m**	Grid 6 **M4** **32.54 dBV/m**
Grid 7 **M4** **32.37 dBV/m**	Grid 8 **M4** **33.41 dBV/m**	Grid 9 **M4** **32.16 dBV/m**



0 dB = 48.06 V/m = 33.64 dBV/m

HAC-RF Emission

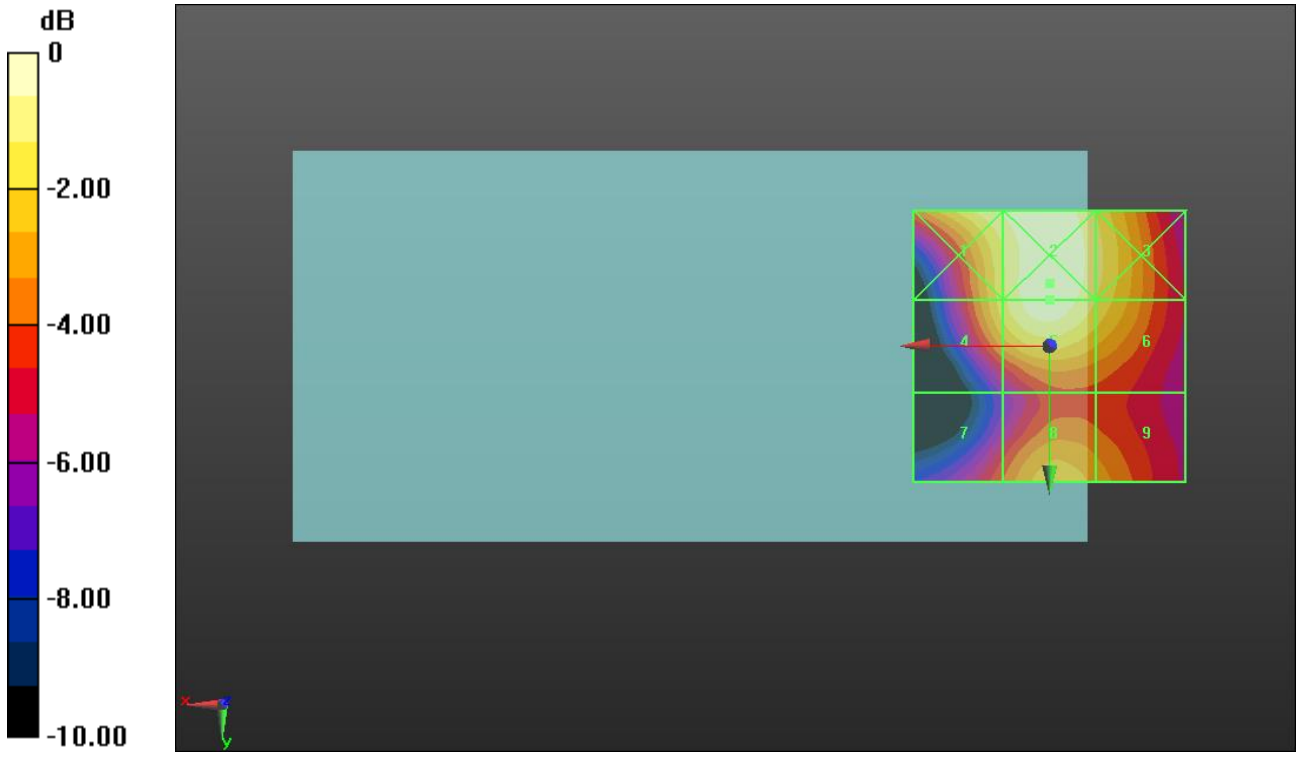
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 54.23 V/m; Power Drift = -0.07 dB
Applied MIF = -1.44 dB
RF audio interference level = 31.10 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **30.82 dBV/m**	Grid 2 **M3** **31.27 dBV/m**	Grid 3 **M3** **30.23 dBV/m**
Grid 4 **M4** **29.73 dBV/m**	Grid 5 **M3** **31.1 dBV/m**	Grid 6 **M4** **29.92 dBV/m**
Grid 7 **M4** **27.33 dBV/m**	Grid 8 **M4** **29.03 dBV/m**	Grid 9 **M4** **28.39 dBV/m**



0 dB = 36.60 V/m = 31.27 dBV/m

HAC-RF Emission

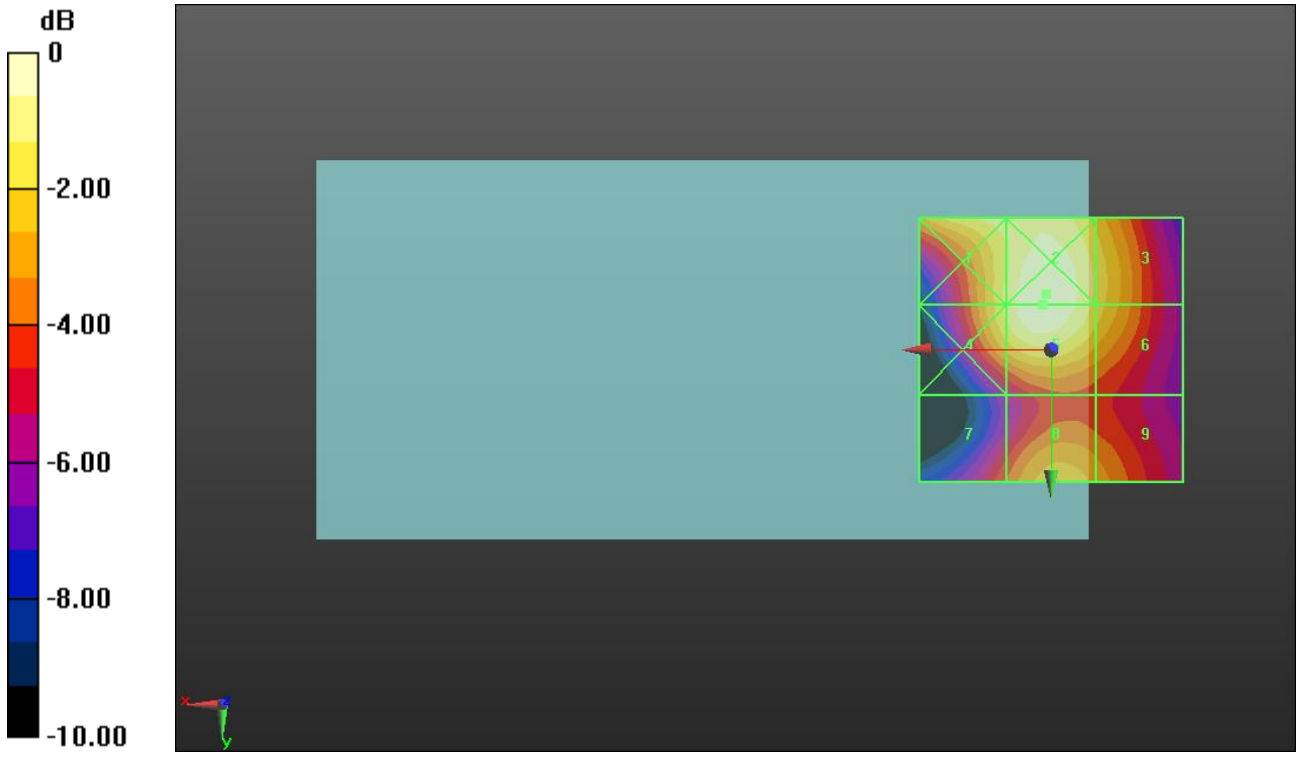
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 58.04 V/m; Power Drift = 0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 31.55 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **30.74 dBV/m**	Grid 2 **M3** **31.59 dBV/m**	Grid 3 **M3** **30.15 dBV/m**
Grid 4 **M3** **30.42 dBV/m**	Grid 5 **M3** **31.55 dBV/m**	Grid 6 **M3** **30.01 dBV/m**
Grid 7 **M4** **27.65 dBV/m**	Grid 8 **M4** **29.34 dBV/m**	Grid 9 **M4** **28.72 dBV/m**



0 dB = 37.98 V/m = 31.59 dBV/m

HAC-RF Emission

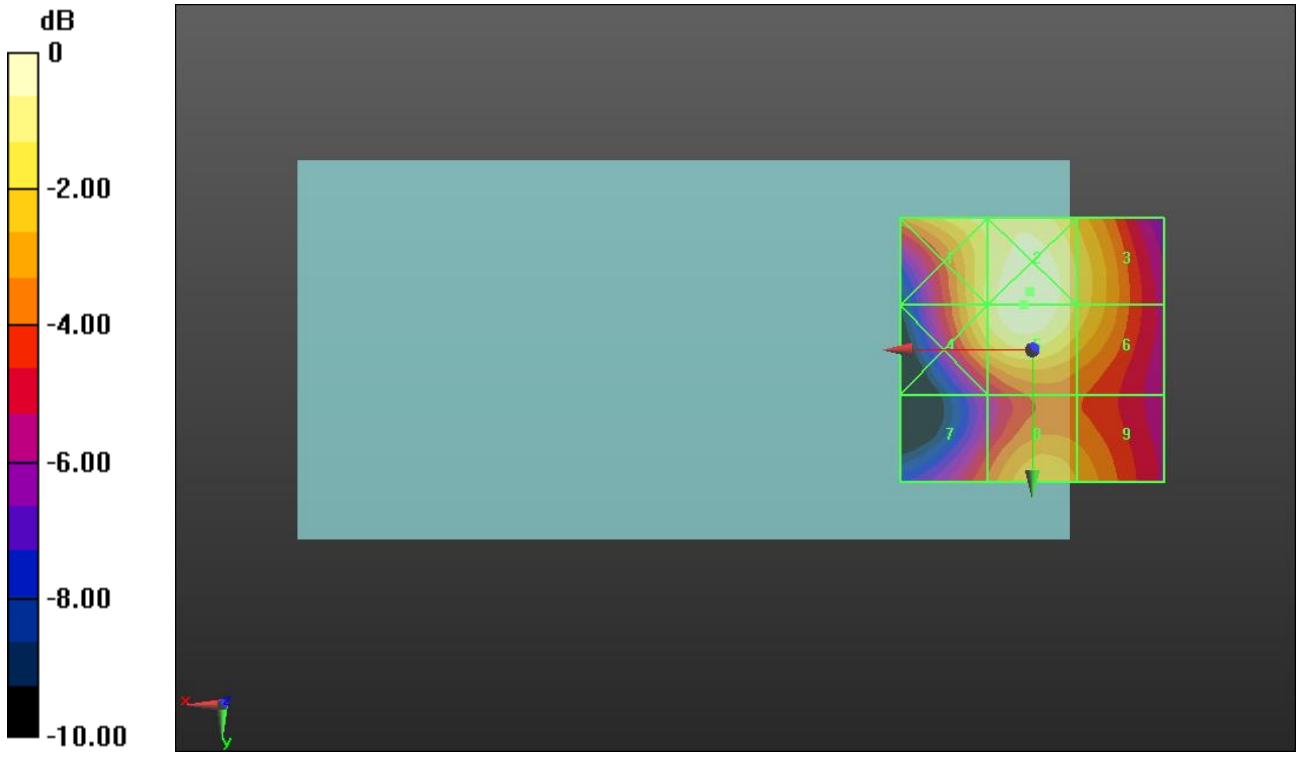
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 59.67 V/m; Power Drift = 0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 31.77 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **30.84 dBV/m**	Grid 2 **M3** **31.82 dBV/m**	Grid 3 **M3** **30.5 dBV/m**
Grid 4 **M3** **30.67 dBV/m**	Grid 5 **M3** **31.77 dBV/m**	Grid 6 **M3** **30.38 dBV/m**
Grid 7 **M4** **27.99 dBV/m**	Grid 8 **M4** **29.72 dBV/m**	Grid 9 **M4** **29.16 dBV/m**



0 dB = 38.98 V/m = 31.82 dBV/m

HAC-RF Emission

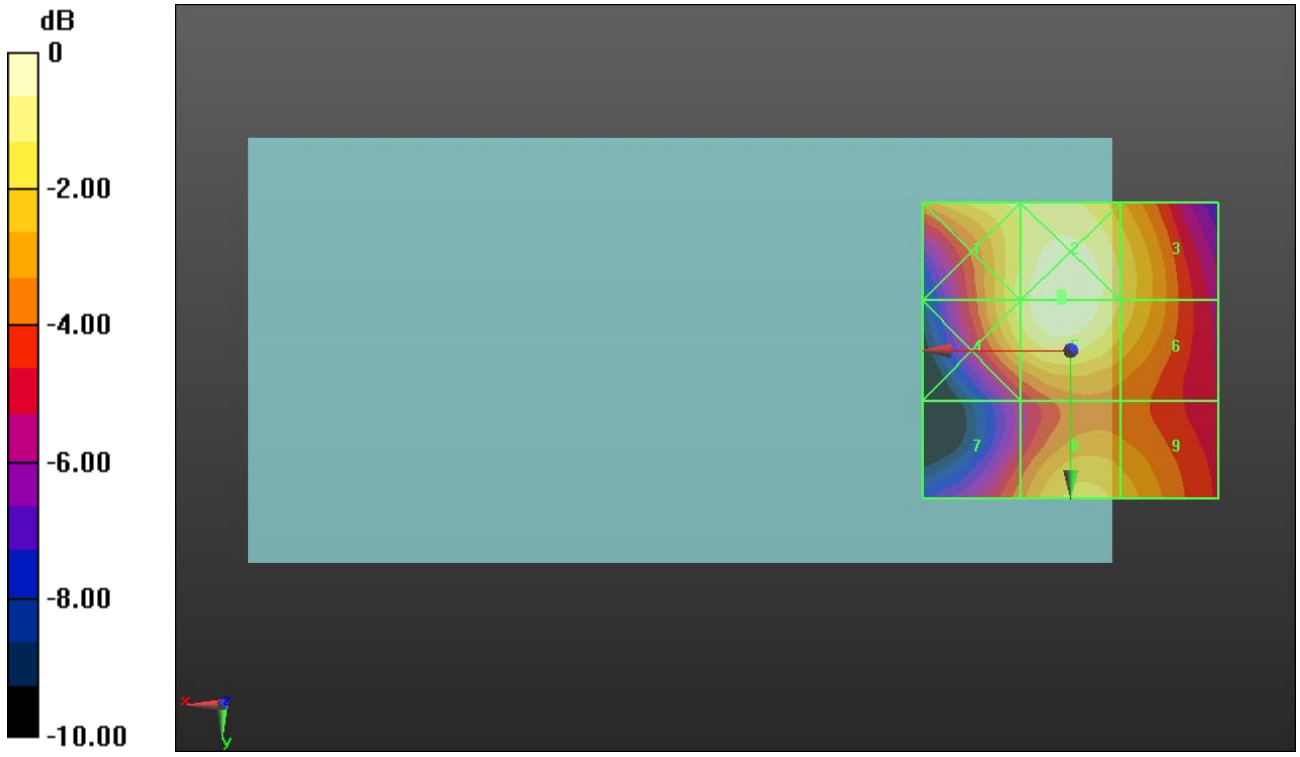
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 57.46 V/m; Power Drift = -0.06 dB
Applied MIF = -1.44 dB
RF audio interference level = 31.16 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **30.11 dBV/m**	Grid 2 **M3** **31.17 dBV/m**	Grid 3 **M4** **29.81 dBV/m**
Grid 4 **M3** **30.09 dBV/m**	Grid 5 **M3** **31.16 dBV/m**	Grid 6 **M4** **29.75 dBV/m**
Grid 7 **M4** **27.61 dBV/m**	Grid 8 **M4** **29.42 dBV/m**	Grid 9 **M4** **28.93 dBV/m**



0 dB = 36.17 V/m = 31.17 dBV/m

HAC-RF Emission

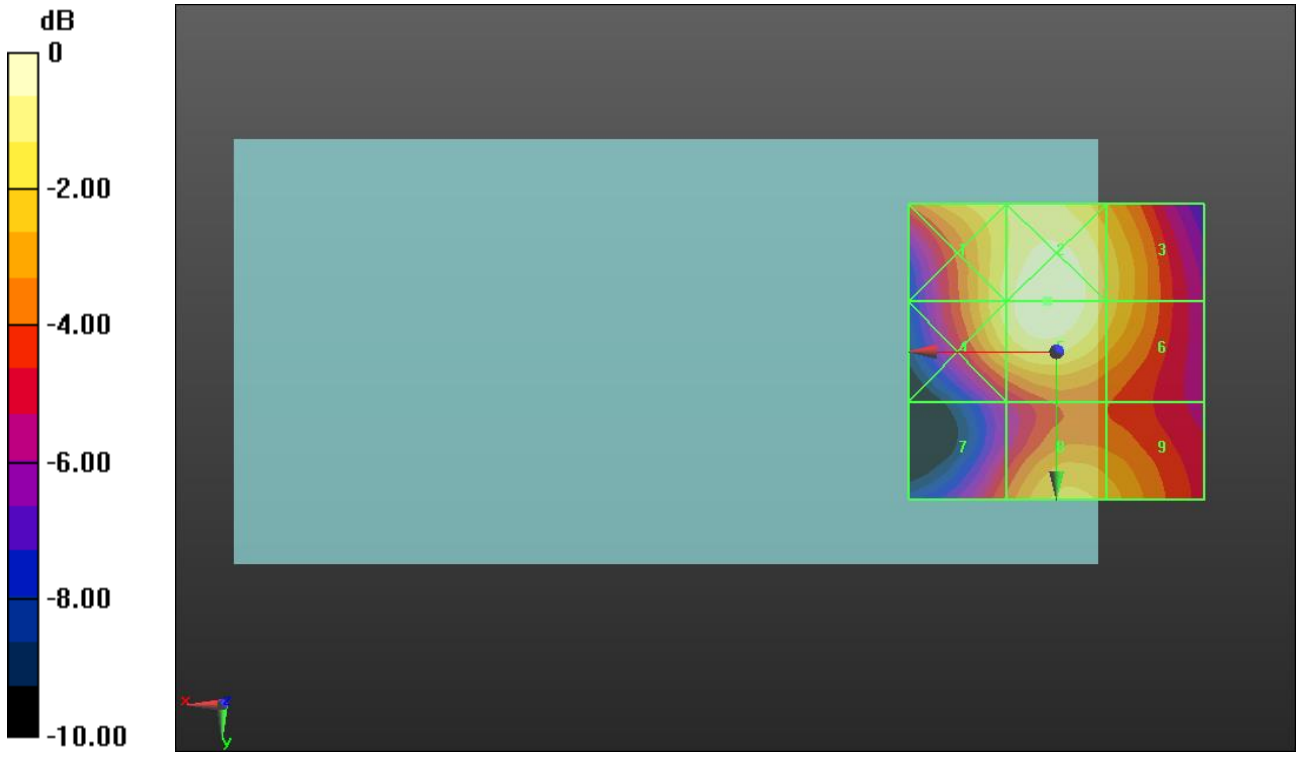
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 53.39 V/m; Power Drift = -0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 30.44 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **29.42 dBV/m**	Grid 2 **M3** **30.44 dBV/m**	Grid 3 **M4** **28.97 dBV/m**
Grid 4 **M4** **29.43 dBV/m**	Grid 5 **M3** **30.44 dBV/m**	Grid 6 **M4** **28.9 dBV/m**
Grid 7 **M4** **26.61 dBV/m**	Grid 8 **M4** **28.67 dBV/m**	Grid 9 **M4** **28.17 dBV/m**



0 dB = 33.25 V/m = 30.44 dBV/m

HAC-RF Emission

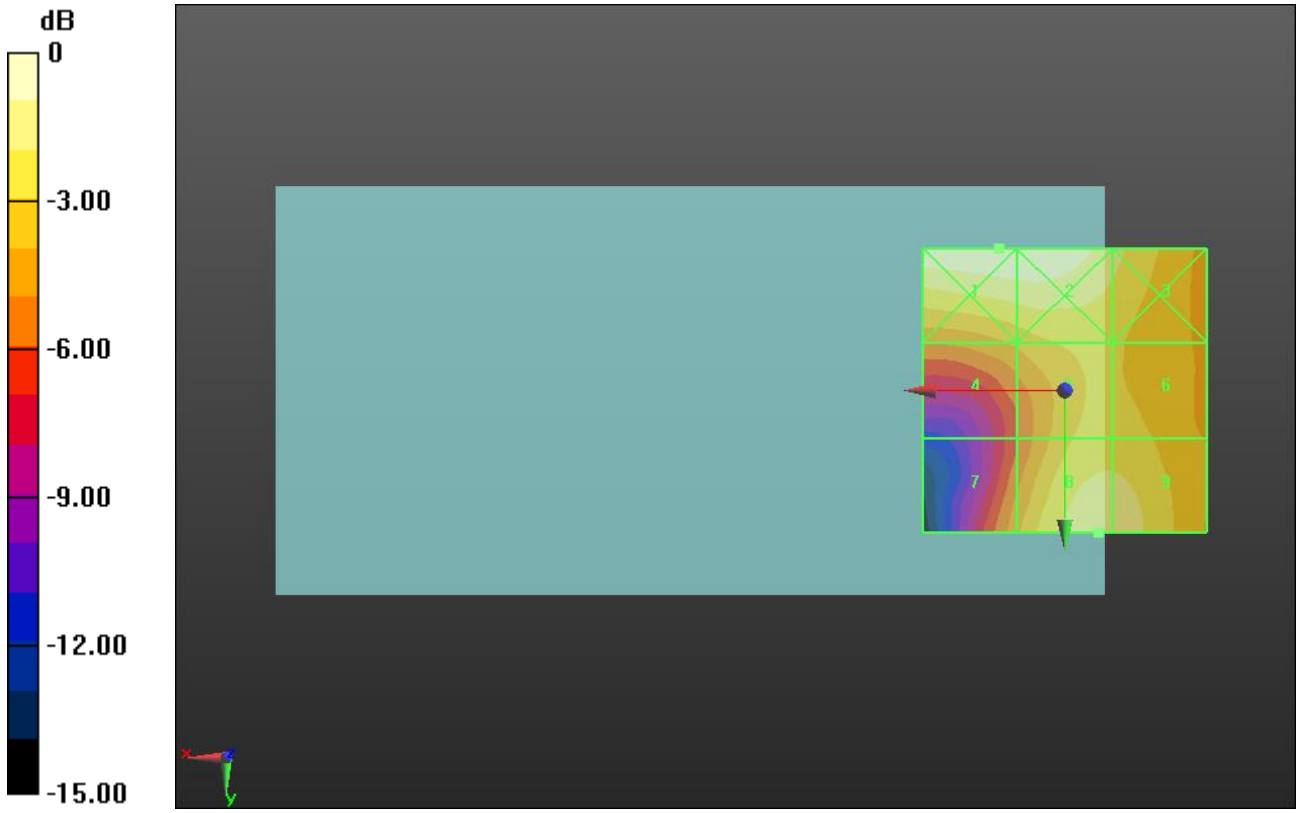
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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 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 = 14.61 V/m; Power Drift = -0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 26.84 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.21 dBV/m**	Grid 2 **M4** **28.19 dBV/m**	Grid 3 **M4** **26.59 dBV/m**
Grid 4 **M4** **24.47 dBV/m**	Grid 5 **M4** **25.77 dBV/m**	Grid 6 **M4** **25.76 dBV/m**
Grid 7 **M4** **24 dBV/m**	Grid 8 **M4** **26.84 dBV/m**	Grid 9 **M4** **26.75 dBV/m**



0 dB = 25.73 V/m = 28.21 dBV/m

HAC-RF Emission

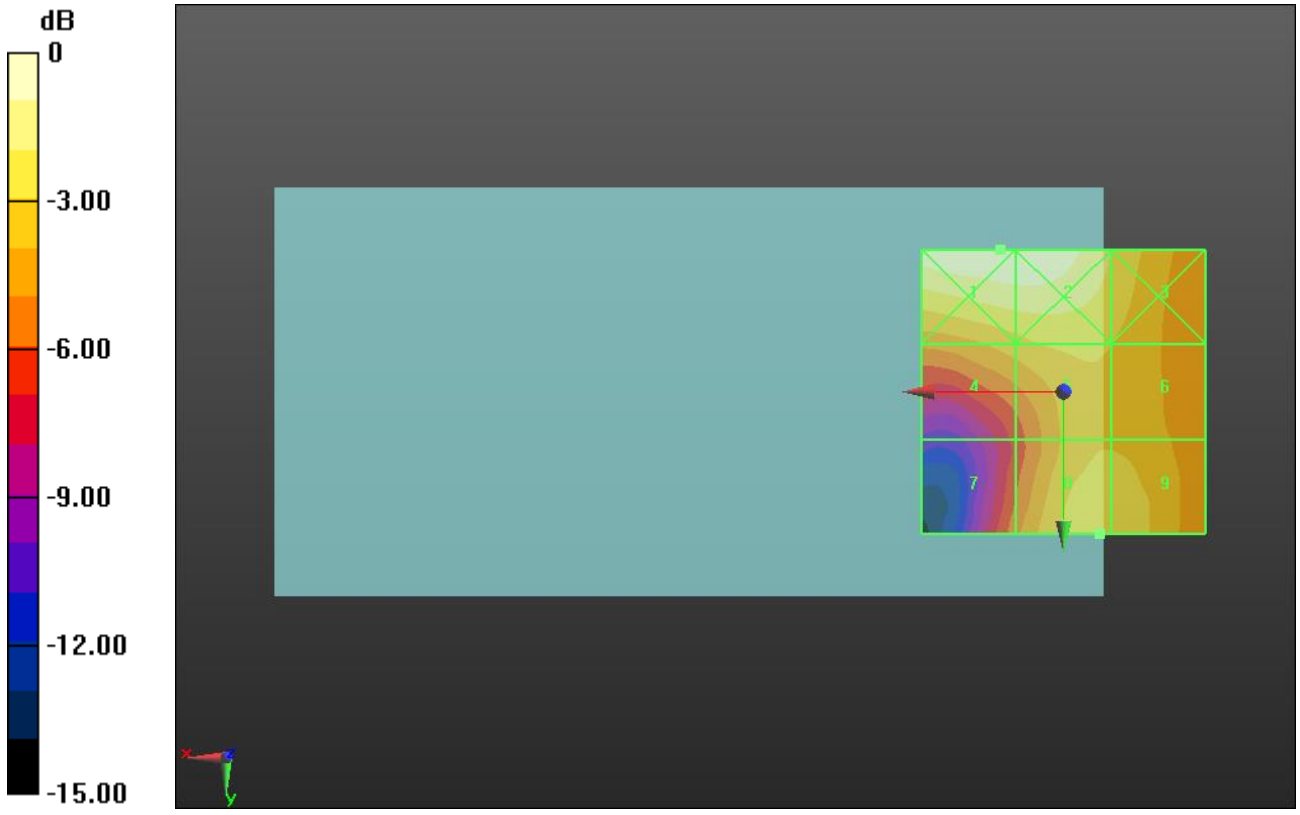
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- 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 = 15.87 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 26.77 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **29.03 dBV/m**	Grid 2 **M4** **29 dBV/m**	Grid 3 **M4** **27.03 dBV/m**
Grid 4 **M4** **25.64 dBV/m**	Grid 5 **M4** **26.29 dBV/m**	Grid 6 **M4** **26.06 dBV/m**
Grid 7 **M4** **23.77 dBV/m**	Grid 8 **M4** **26.77 dBV/m**	Grid 9 **M4** **26.7 dBV/m**



0 dB = 28.30 V/m = 29.04 dBV/m

HAC-RF Emission

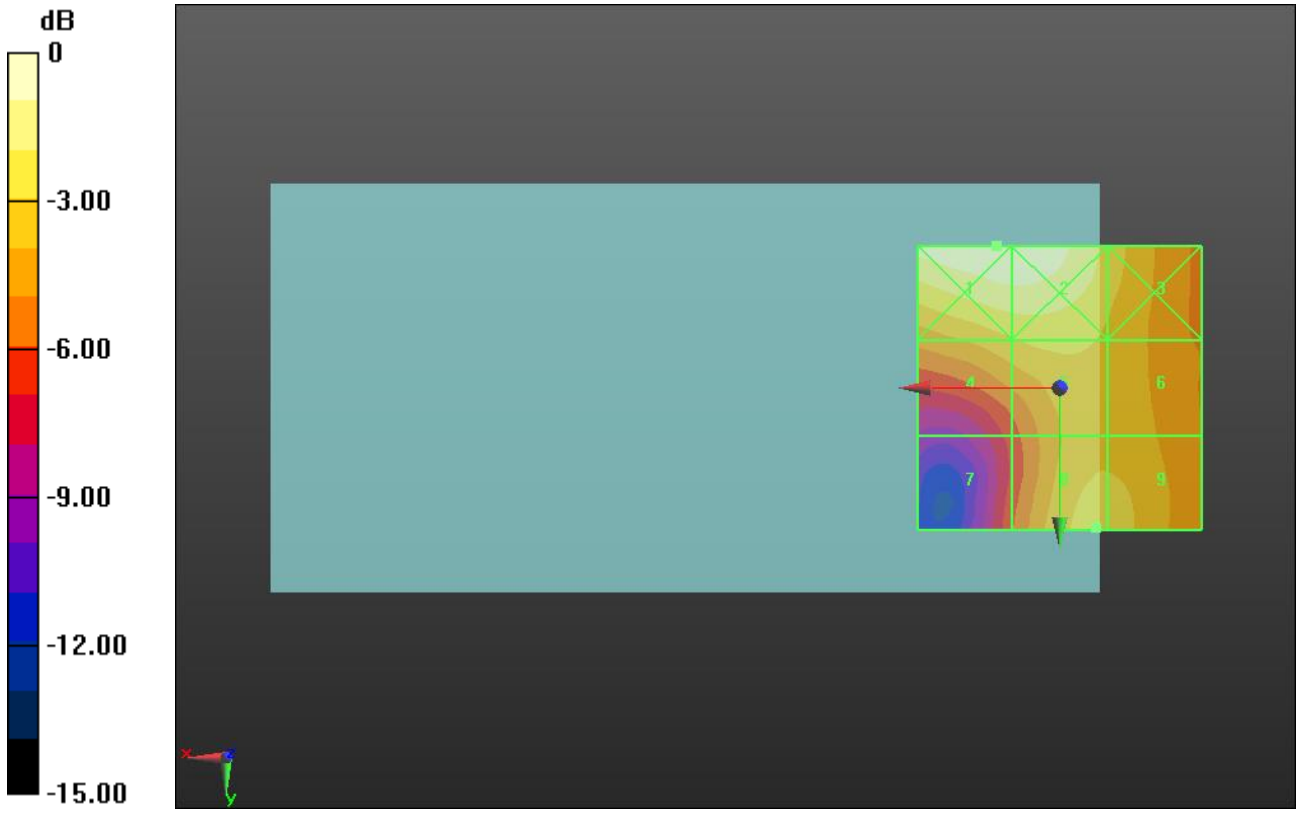
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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 = 16.92 V/m; Power Drift = 0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 26.95 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **29.61 dBV/m**	Grid 2 **M4** **29.59 dBV/m**	Grid 3 **M4** **27.26 dBV/m**
Grid 4 **M4** **26.54 dBV/m**	Grid 5 **M4** **26.9 dBV/m**	Grid 6 **M4** **26.44 dBV/m**
Grid 7 **M4** **23.49 dBV/m**	Grid 8 **M4** **26.95 dBV/m**	Grid 9 **M4** **26.92 dBV/m**



0 dB = 30.25 V/m = 29.61 dBV/m

HAC-RF Emission

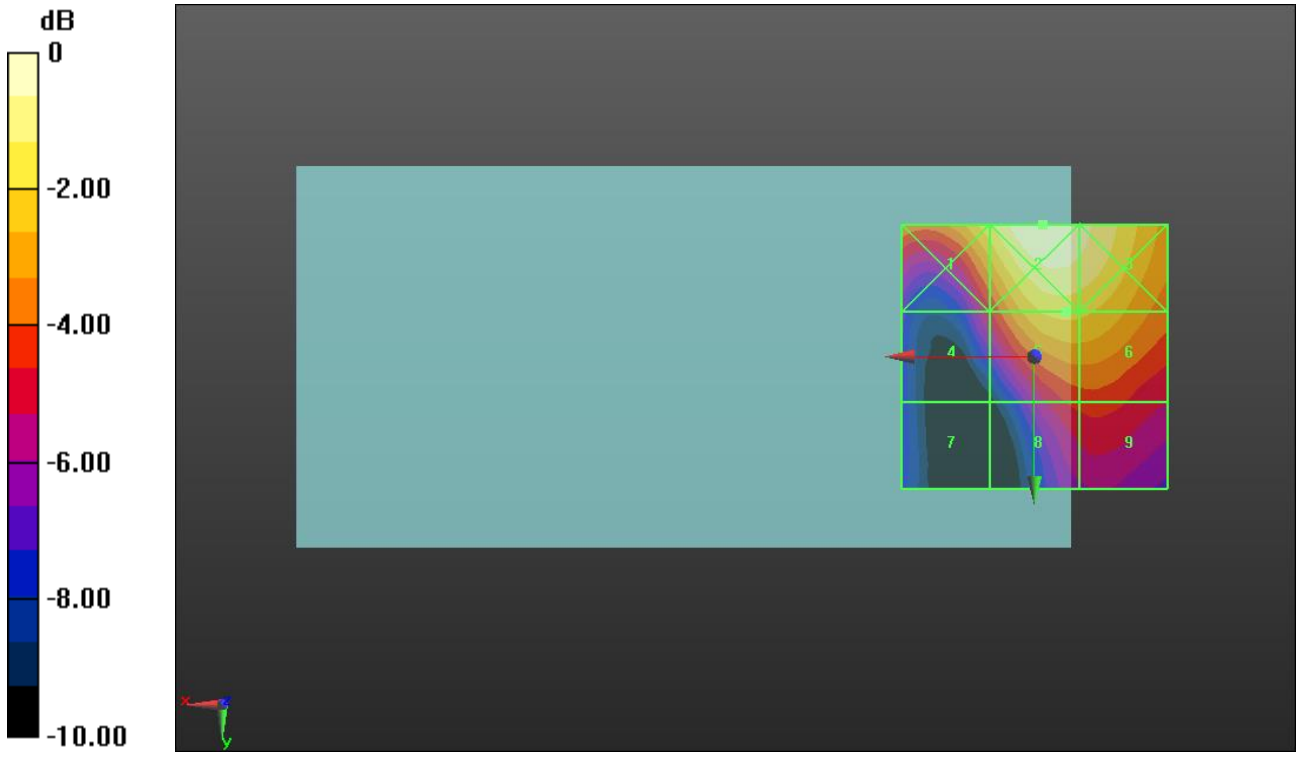
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 21.09 V/m; Power Drift = -0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.24 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.54 dBV/m**	Grid 2 **M4** **26.99 dBV/m**	Grid 3 **M4** **26.57 dBV/m**
Grid 4 **M4** **22.14 dBV/m**	Grid 5 **M4** **25.24 dBV/m**	Grid 6 **M4** **25.15 dBV/m**
Grid 7 **M4** **19.5 dBV/m**	Grid 8 **M4** **22.6 dBV/m**	Grid 9 **M4** **22.7 dBV/m**



0 dB = 22.36 V/m = 26.99 dBV/m

HAC-RF Emission

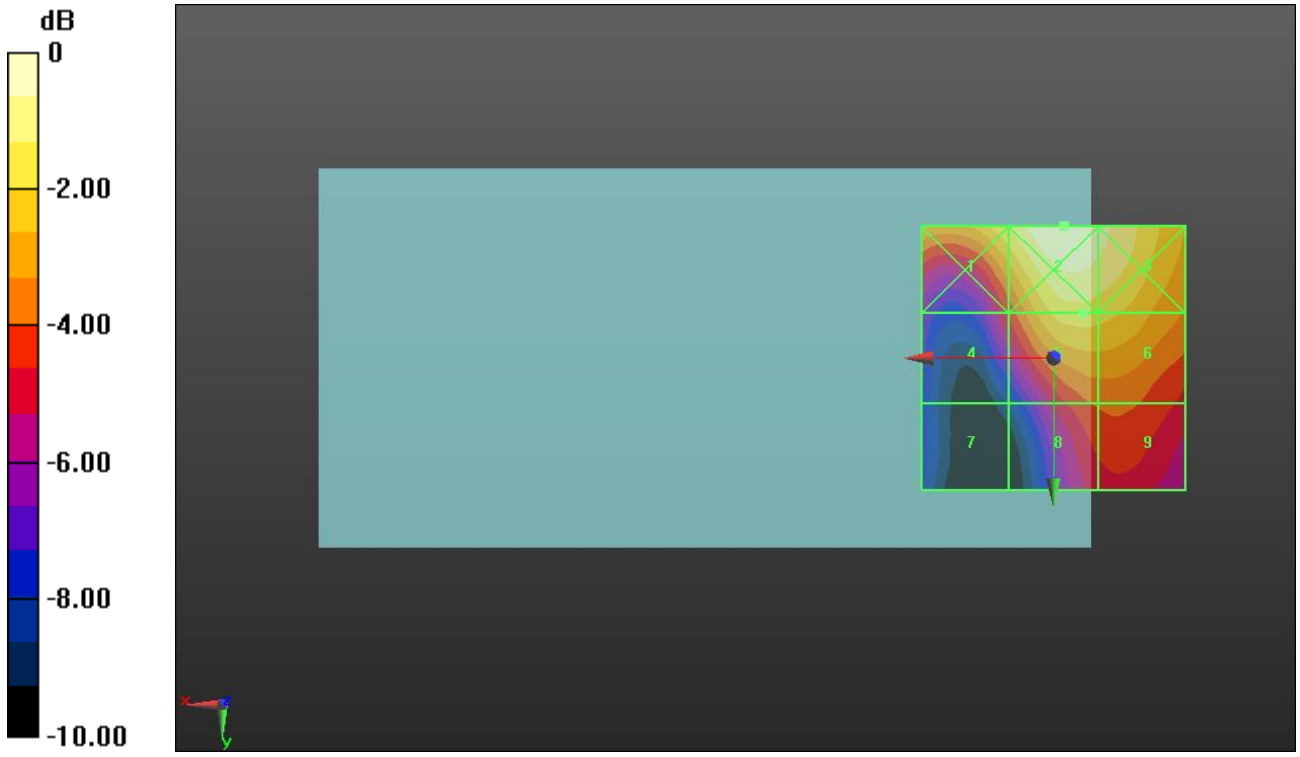
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 20.46 V/m; Power Drift = 0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.83 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.16 dBV/m**	Grid 2 **M4** **26.45 dBV/m**	Grid 3 **M4** **26.03 dBV/m**
Grid 4 **M4** **21.92 dBV/m**	Grid 5 **M4** **24.83 dBV/m**	Grid 6 **M4** **24.71 dBV/m**
Grid 7 **M4** **19.11 dBV/m**	Grid 8 **M4** **22.58 dBV/m**	Grid 9 **M4** **22.67 dBV/m**



0 dB = 21.01 V/m = 26.45 dBV/m

HAC-RF Emission

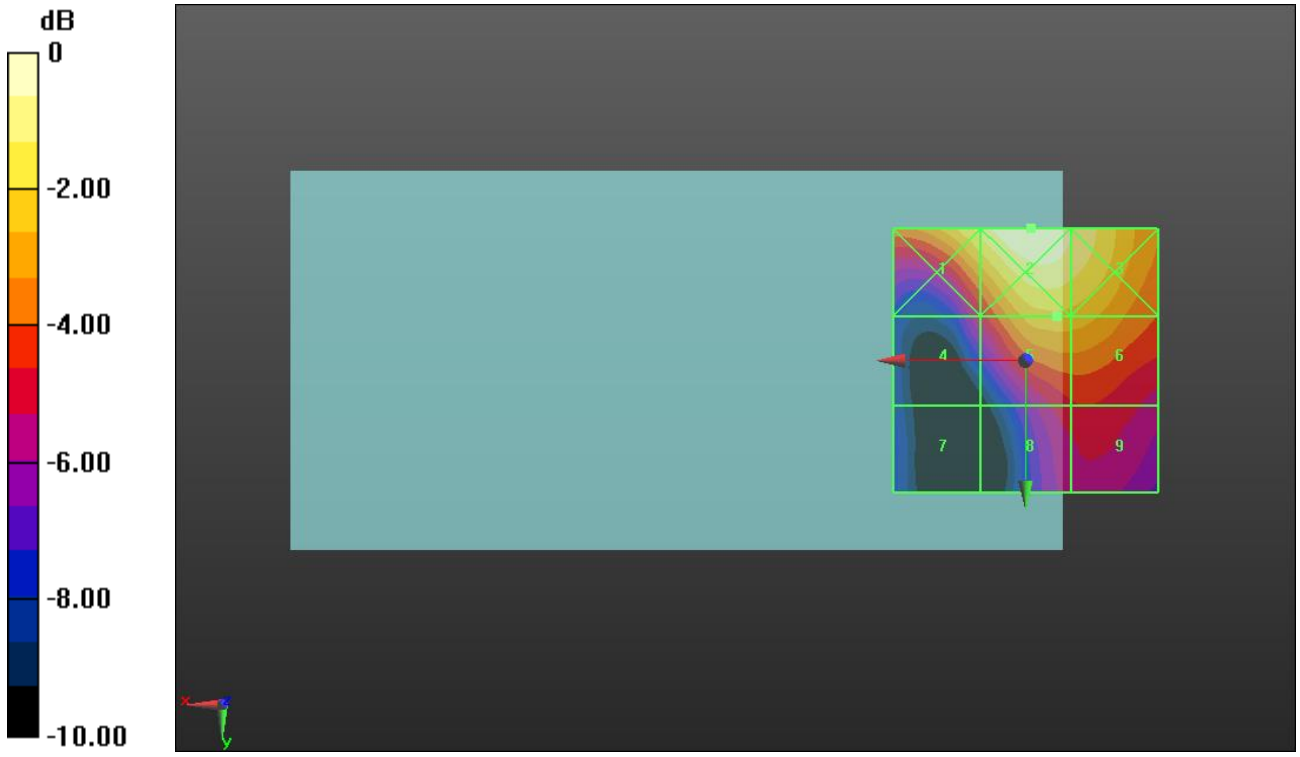
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 17.55 V/m; Power Drift = -0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.80 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.91 dBV/m**	Grid 2 **M4** **25.94 dBV/m**	Grid 3 **M4** **25.34 dBV/m**
Grid 4 **M4** **20.87 dBV/m**	Grid 5 **M4** **23.8 dBV/m**	Grid 6 **M4** **23.72 dBV/m**
Grid 7 **M4** **18.36 dBV/m**	Grid 8 **M4** **21.17 dBV/m**	Grid 9 **M4** **21.31 dBV/m**



0 dB = 19.82 V/m = 25.94 dBV/m

HAC-RF Emission

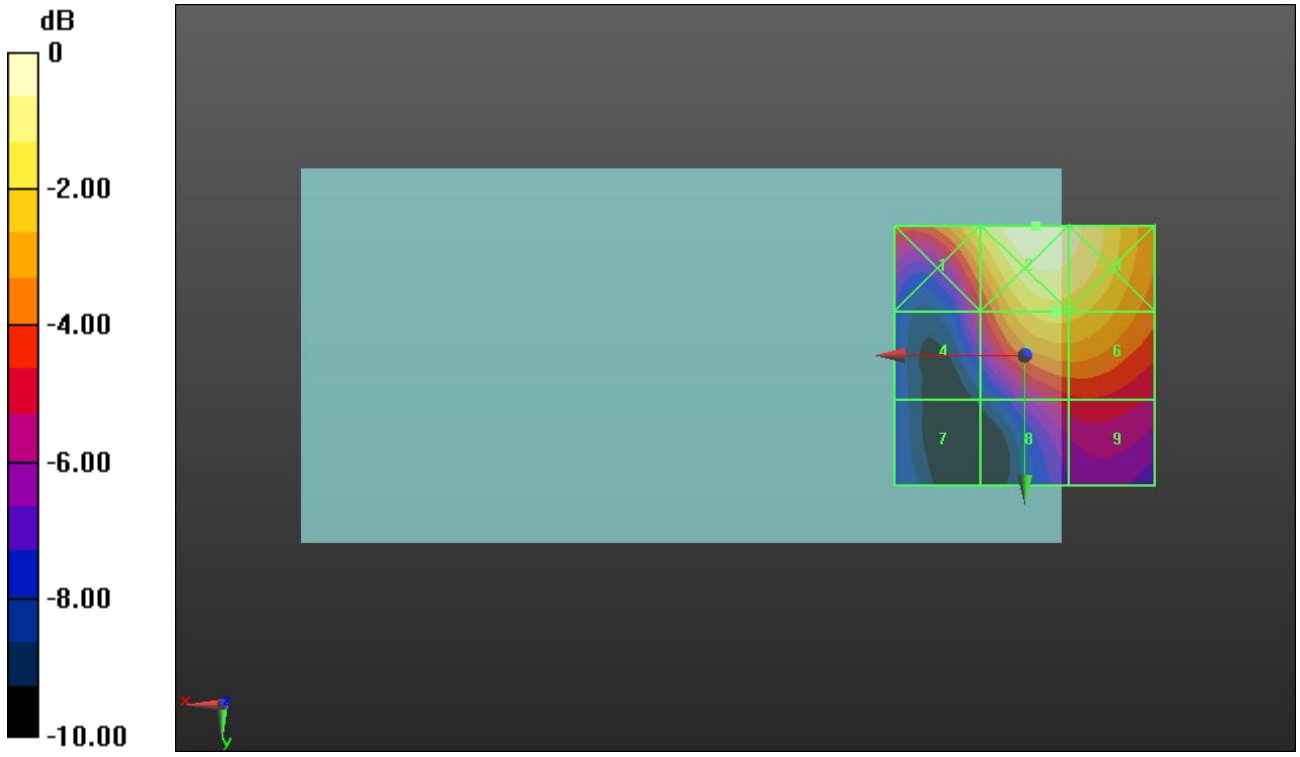
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 18.20 V/m; Power Drift = -0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.21 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.36 dBV/m**	Grid 2 **M4** **25.85 dBV/m**	Grid 3 **M4** **25.46 dBV/m**
Grid 4 **M4** **20.87 dBV/m**	Grid 5 **M4** **24.21 dBV/m**	Grid 6 **M4** **24.13 dBV/m**
Grid 7 **M4** **18.23 dBV/m**	Grid 8 **M4** **21 dBV/m**	Grid 9 **M4** **21.15 dBV/m**



0 dB = 19.60 V/m = 25.85 dBV/m

HAC-RF Emission

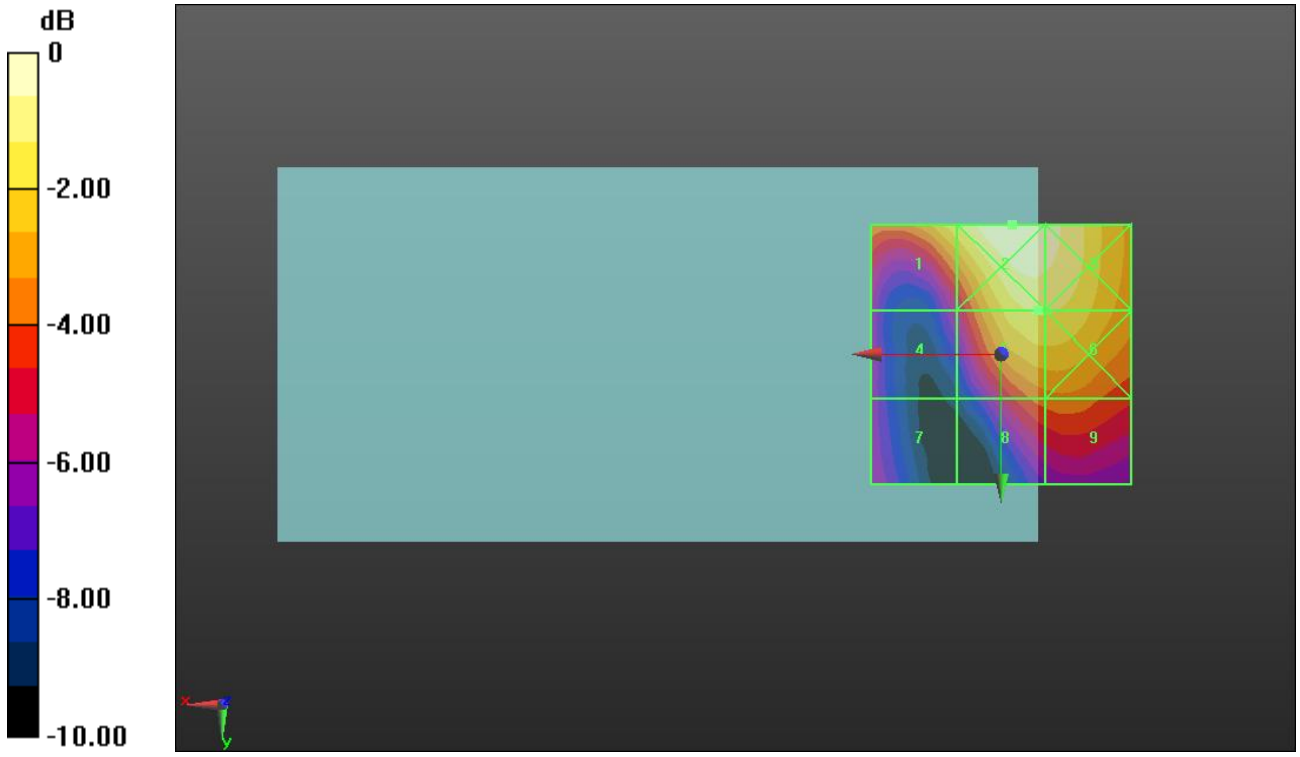
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 18.97 V/m; Power Drift = -0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.28 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.16 dBV/m**	Grid 2 **M4** **25.5 dBV/m**	Grid 3 **M4** **25.15 dBV/m**
Grid 4 **M4** **19.97 dBV/m**	Grid 5 **M4** **24.28 dBV/m**	Grid 6 **M4** **24.25 dBV/m**
Grid 7 **M4** **19.56 dBV/m**	Grid 8 **M4** **21.88 dBV/m**	Grid 9 **M4** **22.03 dBV/m**



0 dB = 18.85 V/m = 25.51 dBV/m

HAC-RF Emission

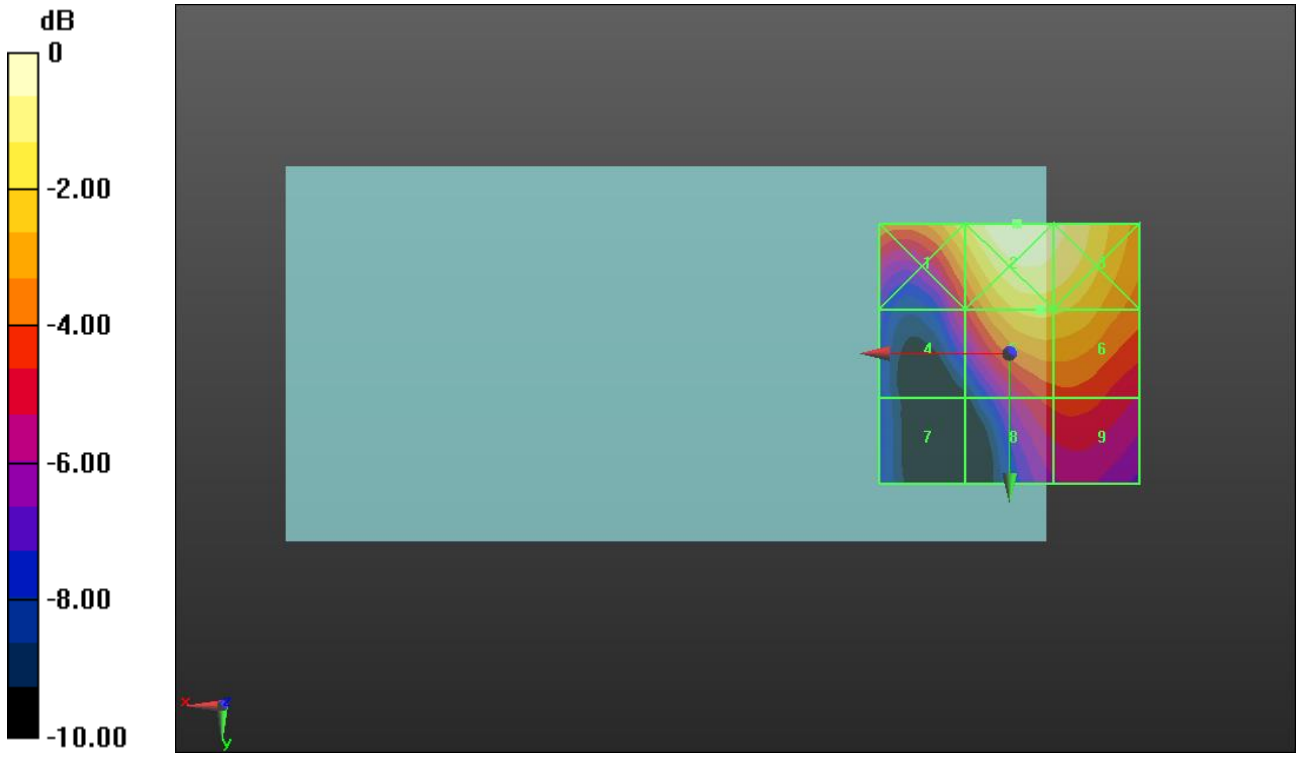
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 21.02 V/m; Power Drift = -0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.19 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.53 dBV/m**	Grid 2 **M4** **26.93 dBV/m**	Grid 3 **M4** **26.51 dBV/m**
Grid 4 **M4** **22.22 dBV/m**	Grid 5 **M4** **25.19 dBV/m**	Grid 6 **M4** **25.11 dBV/m**
Grid 7 **M4** **19.43 dBV/m**	Grid 8 **M4** **22.59 dBV/m**	Grid 9 **M4** **22.7 dBV/m**



0 dB = 22.22 V/m = 26.93 dBV/m

HAC-RF Emission

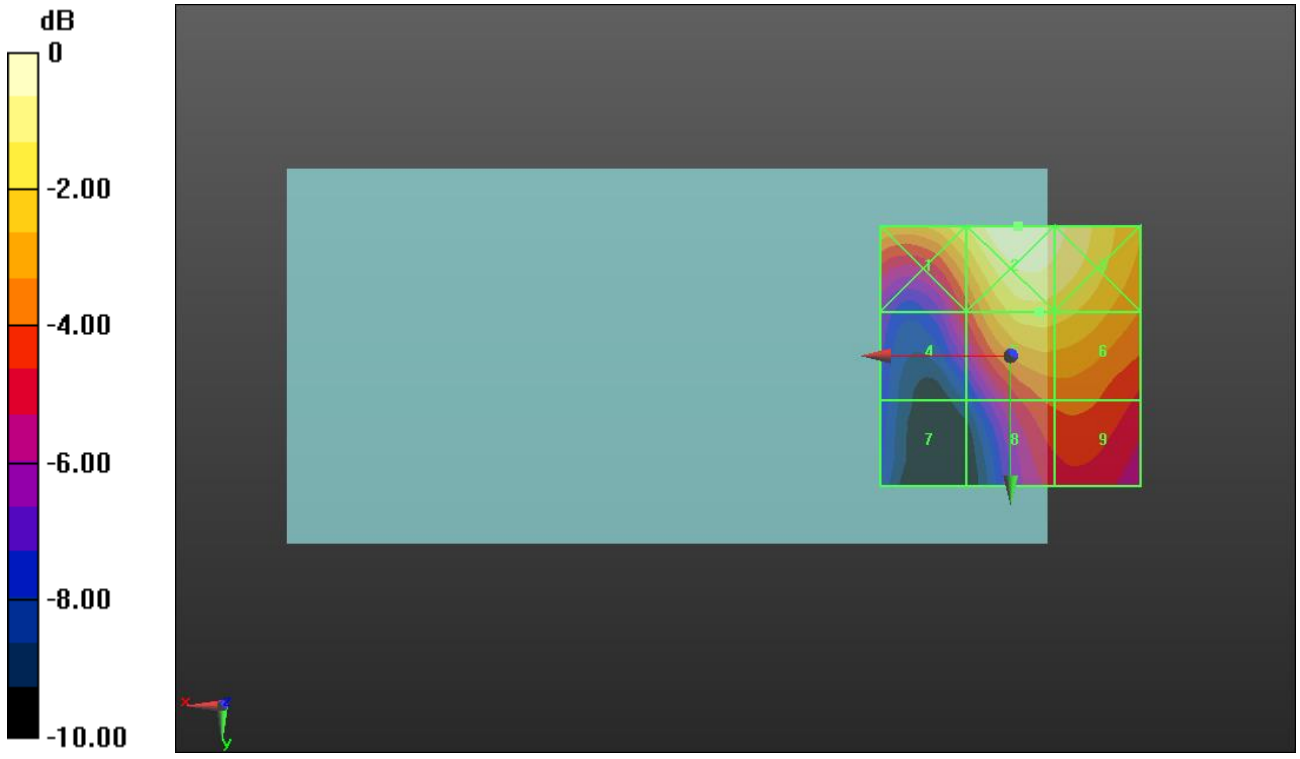
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 20.99 V/m; Power Drift = 0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.02 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.32 dBV/m**	Grid 2 **M4** **26.6 dBV/m**	Grid 3 **M4** **26.16 dBV/m**
Grid 4 **M4** **22.19 dBV/m**	Grid 5 **M4** **25.02 dBV/m**	Grid 6 **M4** **24.9 dBV/m**
Grid 7 **M4** **19.26 dBV/m**	Grid 8 **M4** **22.78 dBV/m**	Grid 9 **M4** **22.86 dBV/m**



0 dB = 21.38 V/m = 26.60 dBV/m

HAC-RF Emission

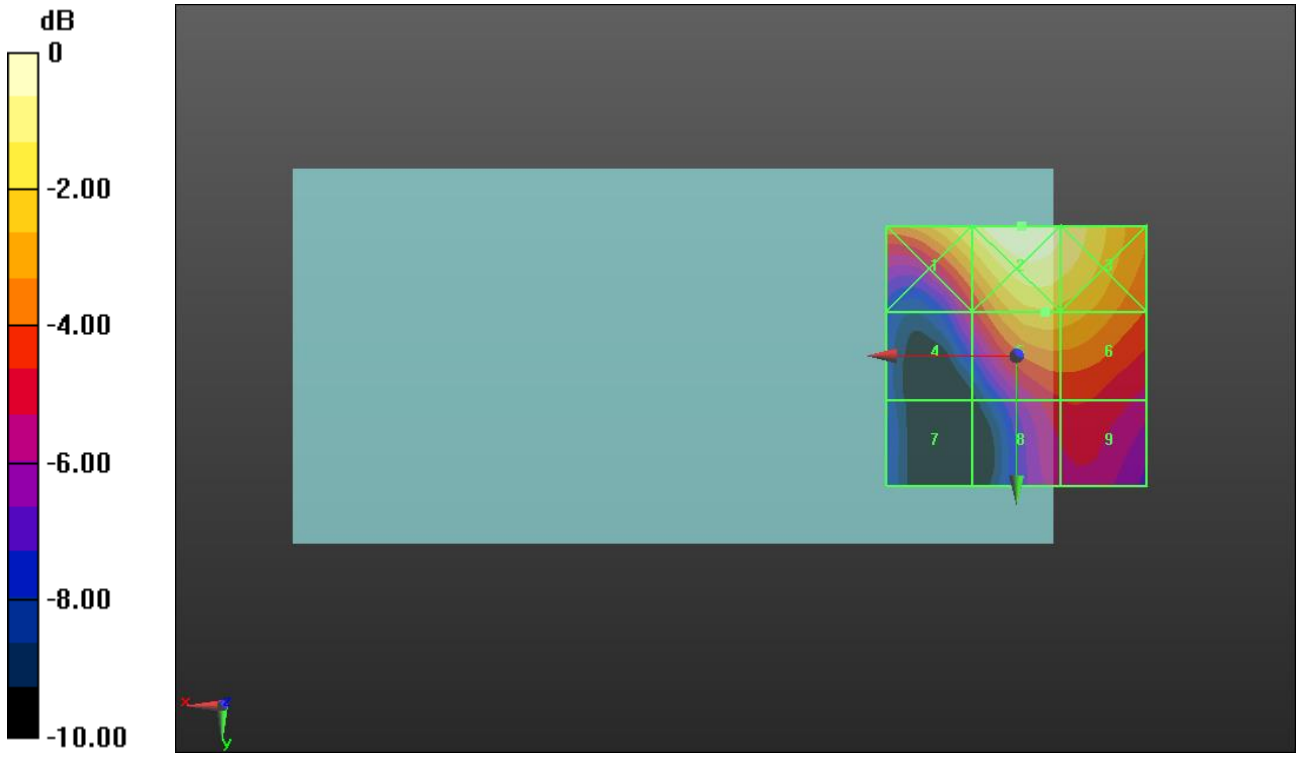
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 18.11 V/m; Power Drift = -0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.05 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.1 dBV/m**	Grid 2 **M4** **26.12 dBV/m**	Grid 3 **M4** **25.52 dBV/m**
Grid 4 **M4** **21.13 dBV/m**	Grid 5 **M4** **24.05 dBV/m**	Grid 6 **M4** **23.92 dBV/m**
Grid 7 **M4** **18.43 dBV/m**	Grid 8 **M4** **21.42 dBV/m**	Grid 9 **M4** **21.54 dBV/m**



0 dB = 20.22 V/m = 26.12 dBV/m

HAC-RF Emission

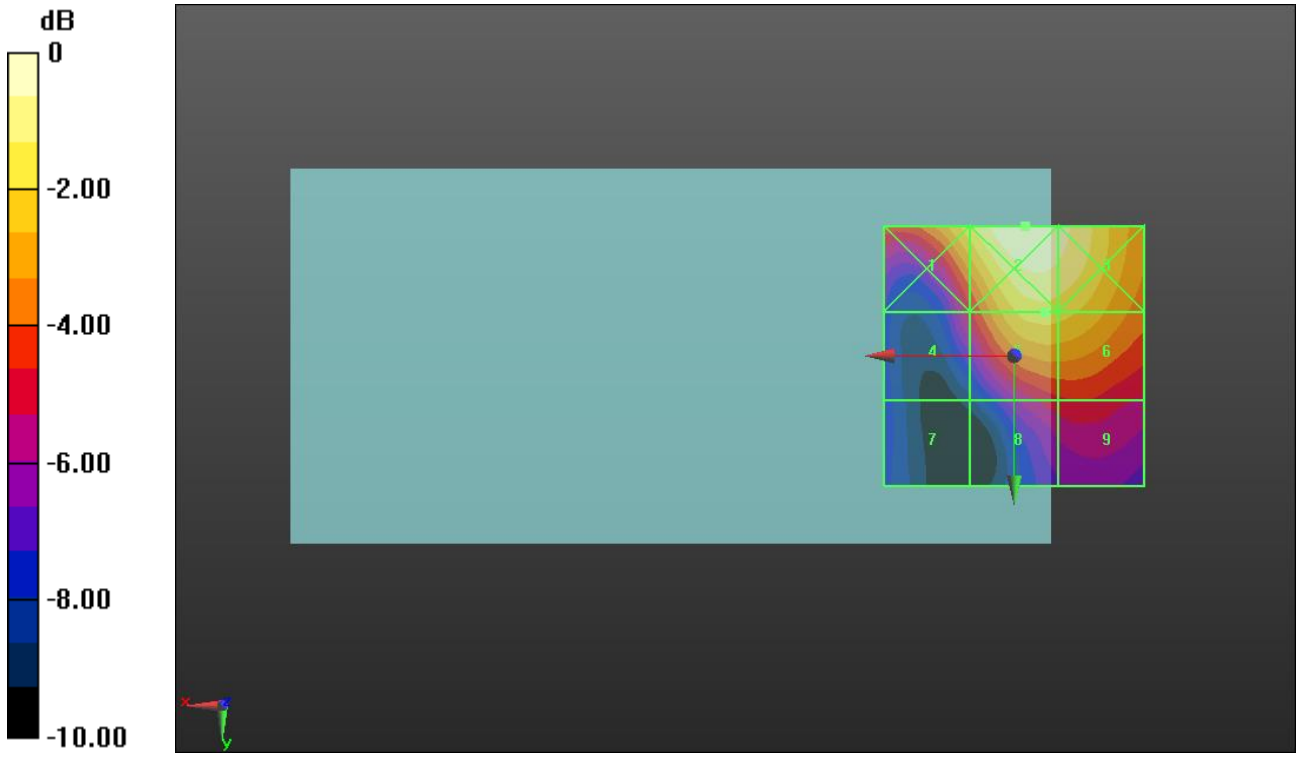
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 18.40 V/m; Power Drift = 0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.28 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.41 dBV/m**	Grid 2 **M4** **25.89 dBV/m**	Grid 3 **M4** **25.48 dBV/m**
Grid 4 **M4** **21.03 dBV/m**	Grid 5 **M4** **24.28 dBV/m**	Grid 6 **M4** **24.17 dBV/m**
Grid 7 **M4** **18.46 dBV/m**	Grid 8 **M4** **21.09 dBV/m**	Grid 9 **M4** **21.25 dBV/m**



0 dB = 19.69 V/m = 25.88 dBV/m

HAC-RF Emission

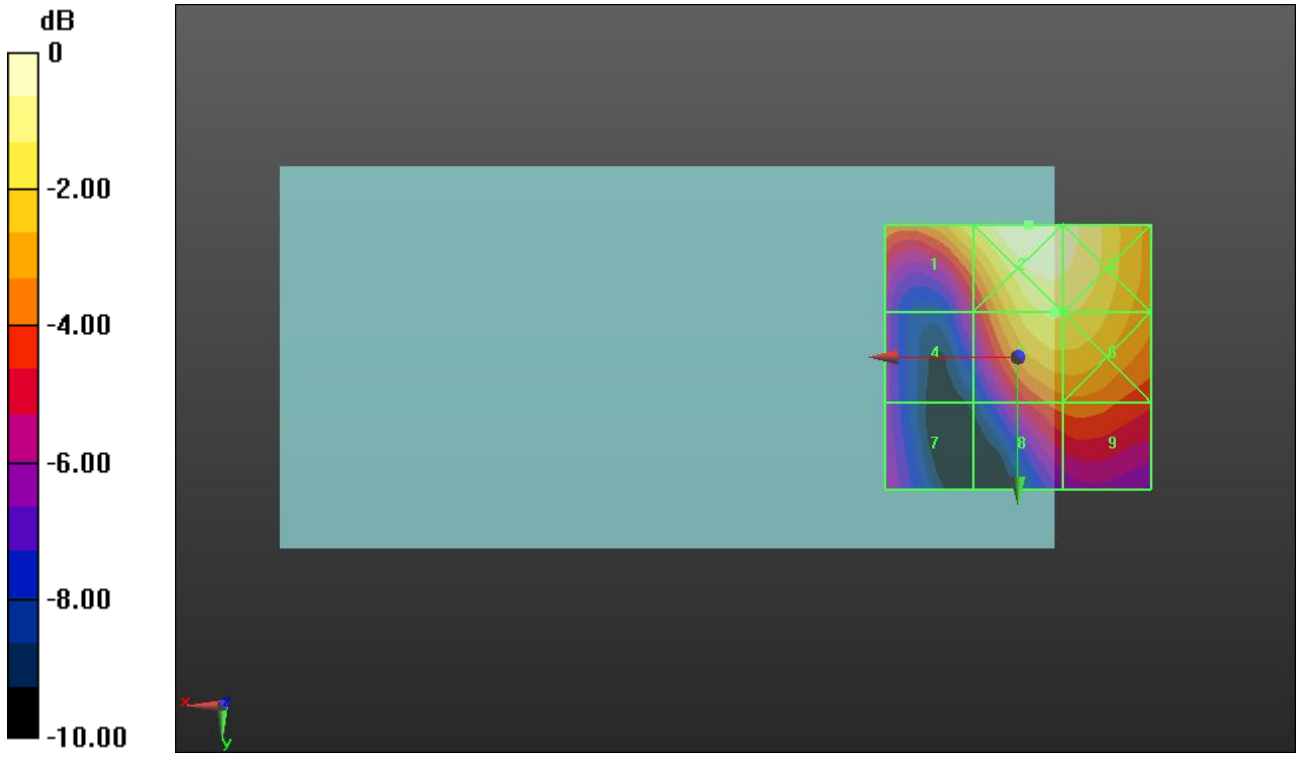
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 19.16 V/m; Power Drift = 0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.35 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.23 dBV/m**	Grid 2 **M4** **25.56 dBV/m**	Grid 3 **M4** **25.21 dBV/m**
Grid 4 **M4** **20.17 dBV/m**	Grid 5 **M4** **24.35 dBV/m**	Grid 6 **M4** **24.31 dBV/m**
Grid 7 **M4** **19.5 dBV/m**	Grid 8 **M4** **21.95 dBV/m**	Grid 9 **M4** **22.07 dBV/m**



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

HAC-RF Emission

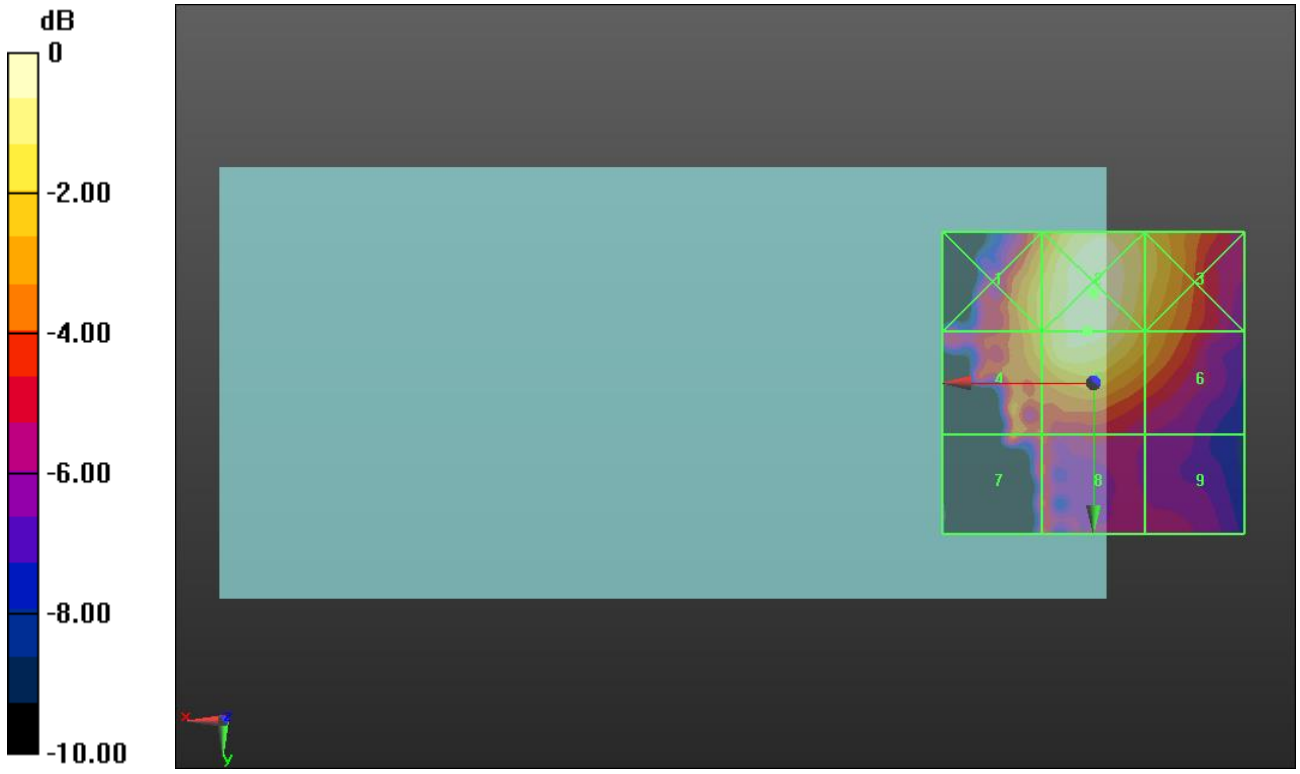
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2417 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2417 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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)

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 = 14.64 V/m; Power Drift = -0.05 dB
Applied MIF = -2.02 dB
RF audio interference level = 20.85 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.51 dBV/m**	Grid 2 **M4** **21.18 dBV/m**	Grid 3 **M4** **19.7 dBV/m**
Grid 4 **M4** **19.31 dBV/m**	Grid 5 **M4** **20.85 dBV/m**	Grid 6 **M4** **18.84 dBV/m**
Grid 7 **M4** **18.48 dBV/m**	Grid 8 **M4** **17.09 dBV/m**	Grid 9 **M4** **15.64 dBV/m**



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

HAC-RF Emission

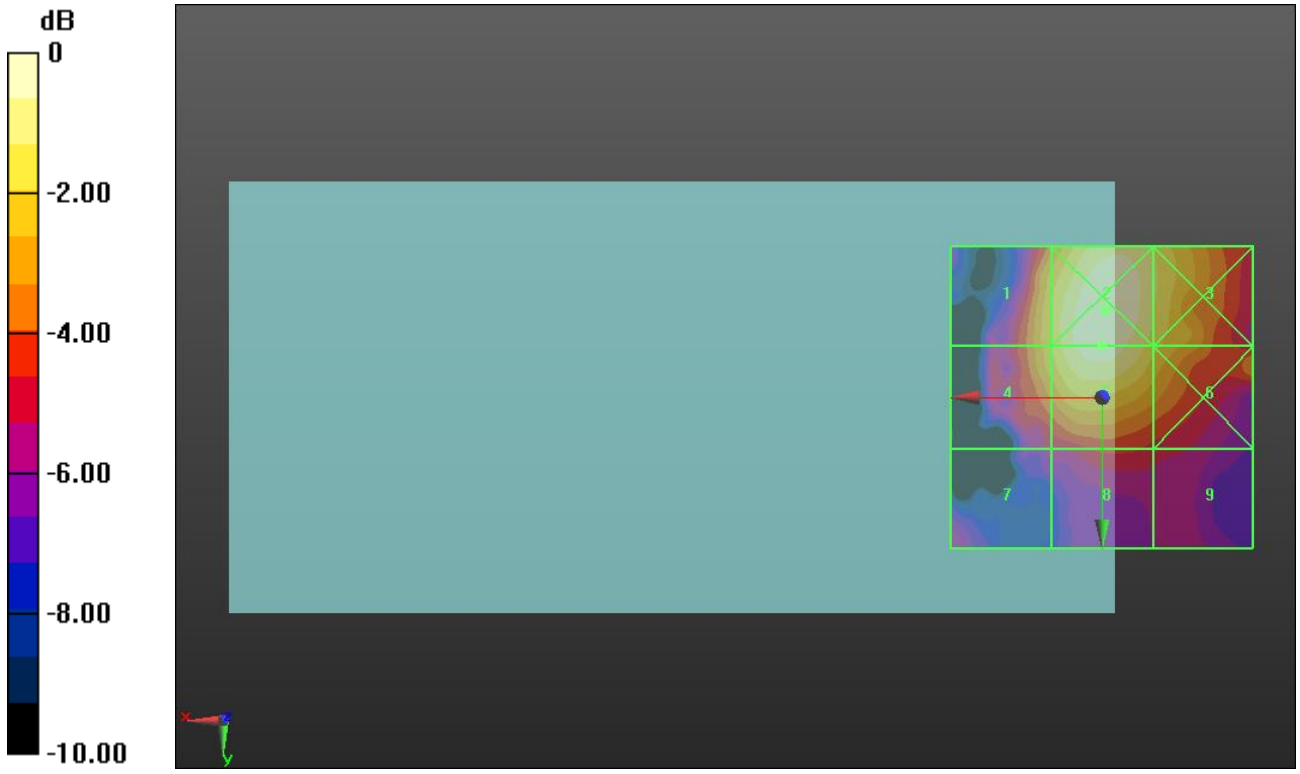
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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)

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 = 14.70 V/m; Power Drift = -0.14 dB
Applied MIF = -2.02 dB
RF audio interference level = 20.65 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.02 dBV/m**	Grid 2 **M4** **20.96 dBV/m**	Grid 3 **M4** **19.77 dBV/m**
Grid 4 **M4** **18.92 dBV/m**	Grid 5 **M4** **20.65 dBV/m**	Grid 6 **M4** **19.23 dBV/m**
Grid 7 **M4** **15.58 dBV/m**	Grid 8 **M4** **16.5 dBV/m**	Grid 9 **M4** **16.07 dBV/m**



0 dB = 11.16 V/m = 20.95 dBV/m

HAC-RF Emission

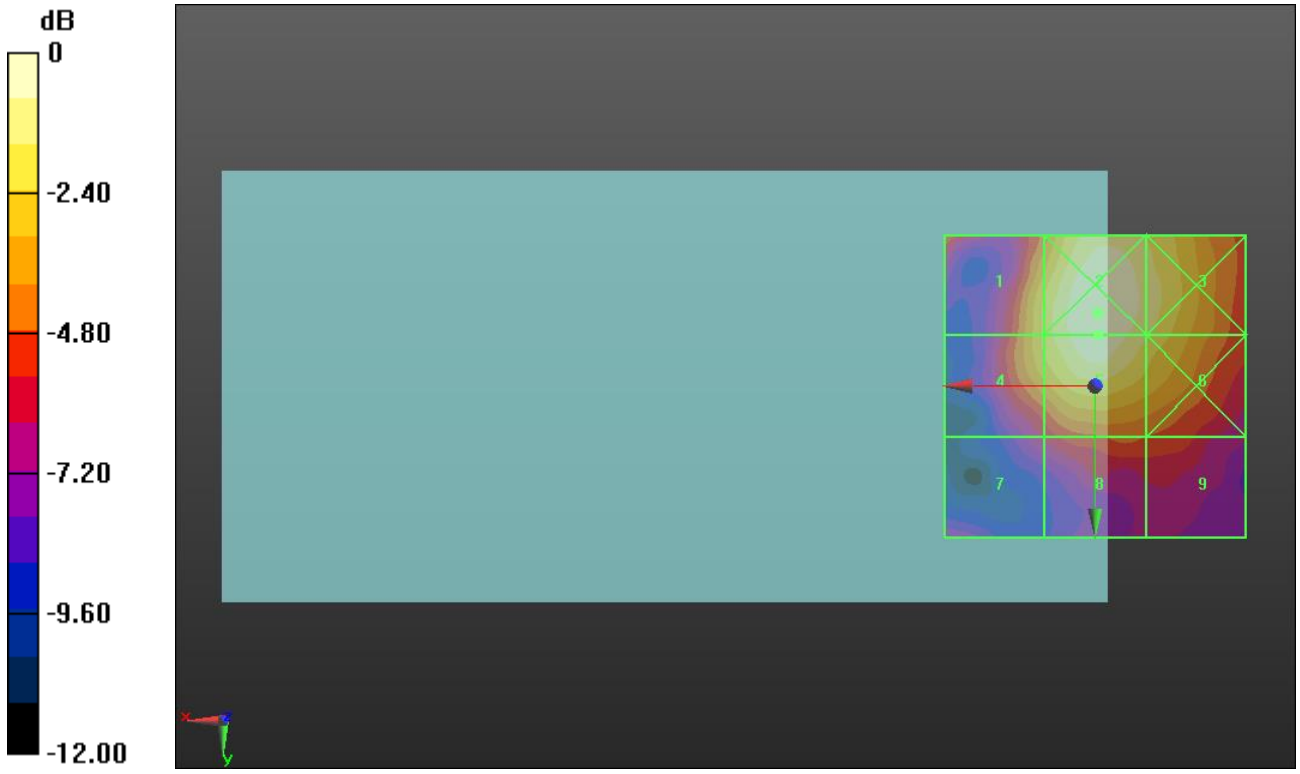
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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)

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 = 16.40 V/m; Power Drift = -0.08 dB
Applied MIF = -2.02 dB
RF audio interference level = 21.34 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.3 dBV/m**	Grid 2 **M4** **21.5 dBV/m**	Grid 3 **M4** **20.45 dBV/m**
Grid 4 **M4** **19.29 dBV/m**	Grid 5 **M4** **21.34 dBV/m**	Grid 6 **M4** **20.02 dBV/m**
Grid 7 **M4** **15.24 dBV/m**	Grid 8 **M4** **16.96 dBV/m**	Grid 9 **M4** **16.69 dBV/m**



0 dB = 11.88 V/m = 21.50 dBV/m

HAC-RF Emission

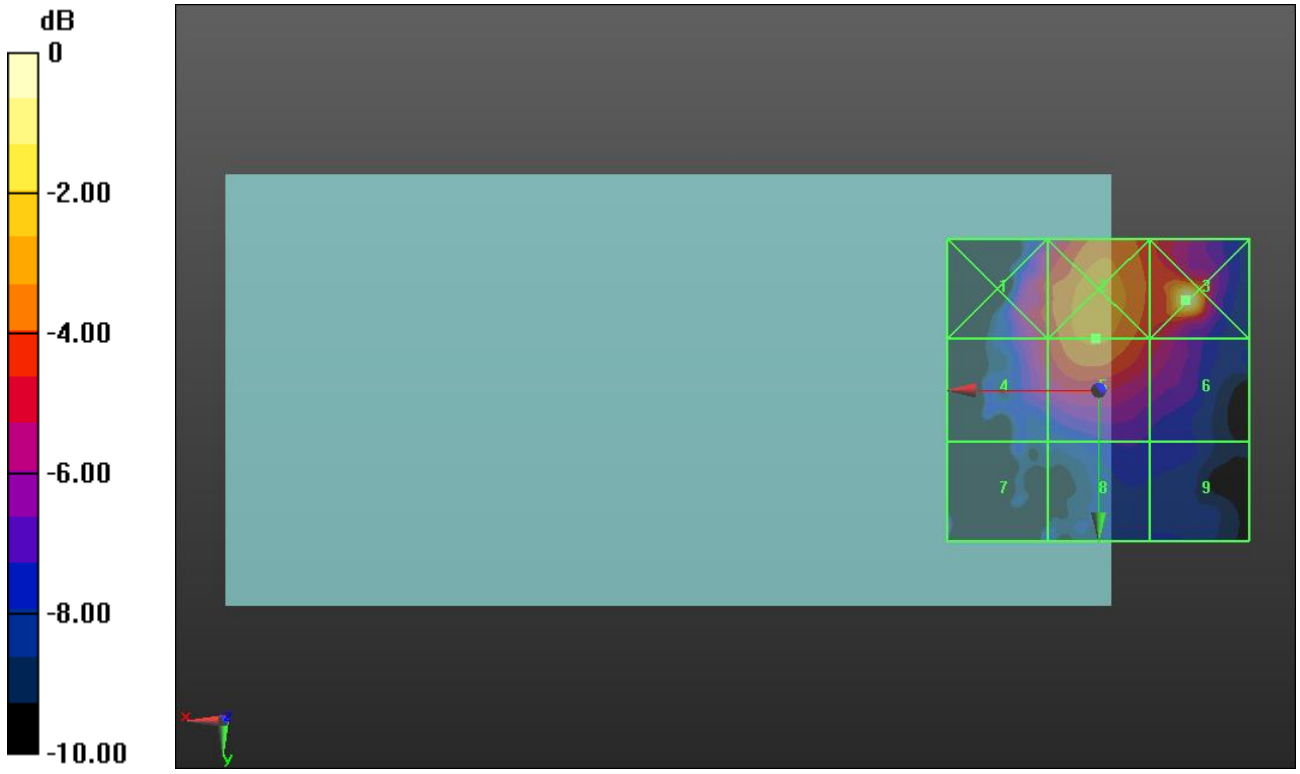
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2422 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2422 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: 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)

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 = 13.44 V/m; Power Drift = 0.11 dB
Applied MIF = 0.12 dB
RF audio interference level = 22.17 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.13 dBV/m**	Grid 2 **M4** **22.49 dBV/m**	Grid 3 **M4** **25.37 dBV/m**
Grid 4 **M4** **20.68 dBV/m**	Grid 5 **M4** **22.17 dBV/m**	Grid 6 **M4** **20.58 dBV/m**
Grid 7 **M4** **21.37 dBV/m**	Grid 8 **M4** **18.17 dBV/m**	Grid 9 **M4** **17.93 dBV/m**



0 dB = 18.55 V/m = 25.37 dBV/m

HAC-RF Emission

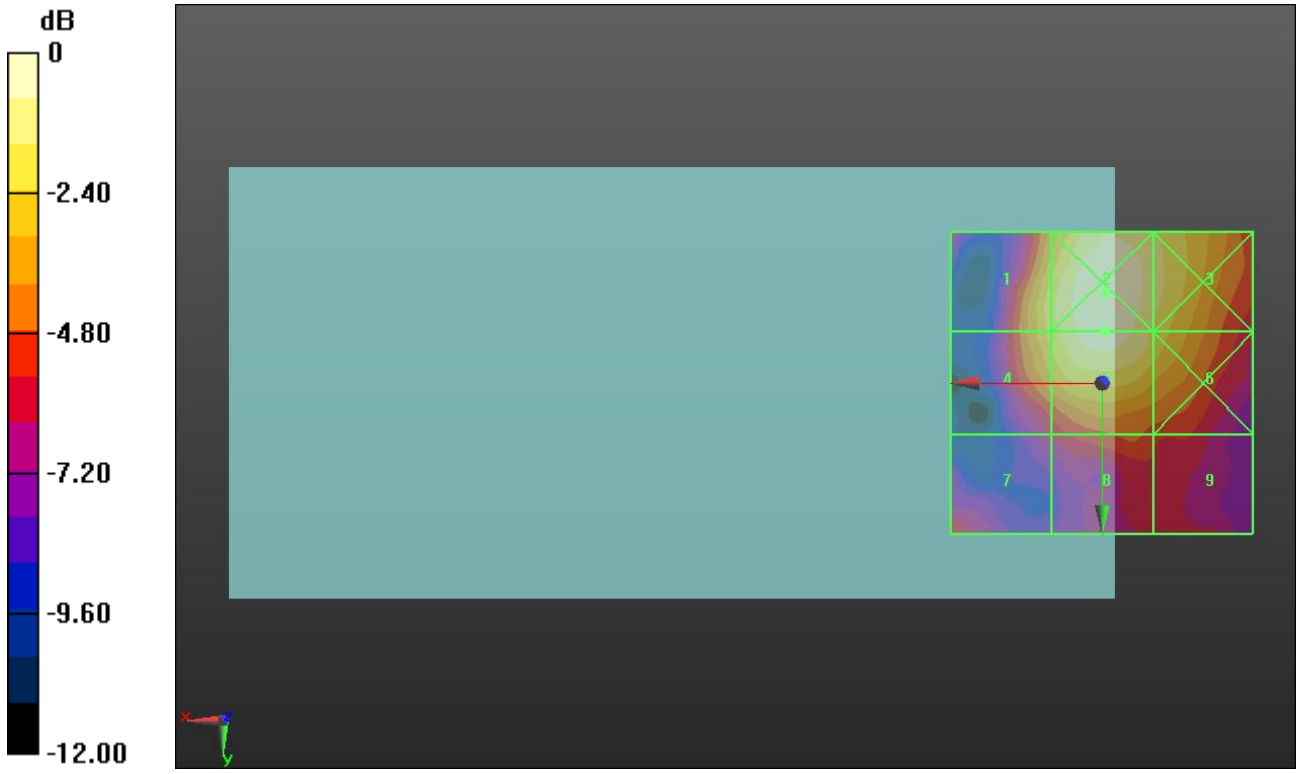
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: 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)

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 = 13.35 V/m; Power Drift = -0.01 dB
Applied MIF = 0.12 dB
RF audio interference level = 21.57 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.17 dBV/m**	Grid 2 **M4** **21.98 dBV/m**	Grid 3 **M4** **20.78 dBV/m**
Grid 4 **M4** **19.95 dBV/m**	Grid 5 **M4** **21.57 dBV/m**	Grid 6 **M4** **20.25 dBV/m**
Grid 7 **M4** **16.63 dBV/m**	Grid 8 **M4** **17.39 dBV/m**	Grid 9 **M4** **16.78 dBV/m**



0 dB = 12.56 V/m = 21.98 dBV/m

HAC-RF Emission

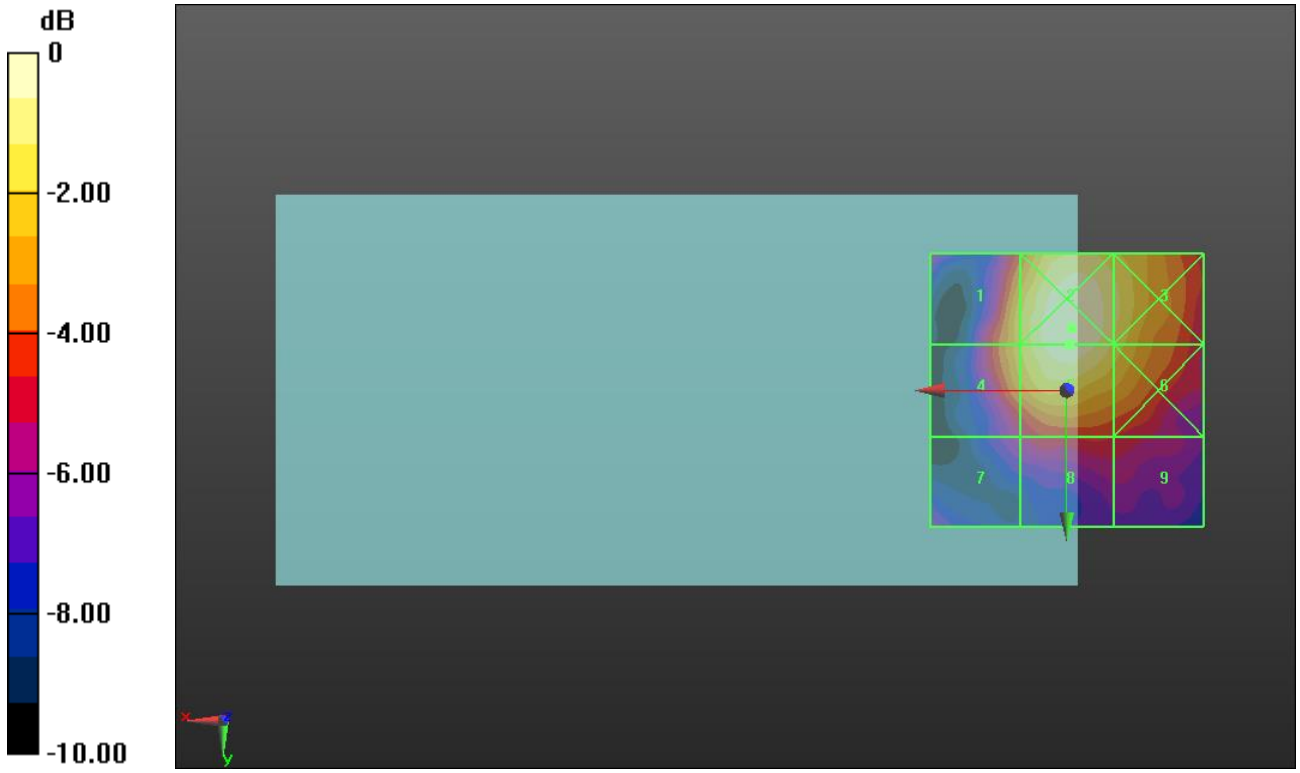
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2452 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: 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)

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 = 15.61 V/m; Power Drift = 0.18 dB
Applied MIF = 0.12 dB
RF audio interference level = 23.02 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.19 dBV/m**	Grid 2 **M4** **23.19 dBV/m**	Grid 3 **M4** **22.13 dBV/m**
Grid 4 **M4** **21.19 dBV/m**	Grid 5 **M4** **23.02 dBV/m**	Grid 6 **M4** **21.75 dBV/m**
Grid 7 **M4** **17.66 dBV/m**	Grid 8 **M4** **18.73 dBV/m**	Grid 9 **M4** **18.52 dBV/m**



0 dB = 14.44 V/m = 23.19 dBV/m

HAC-RF Emission

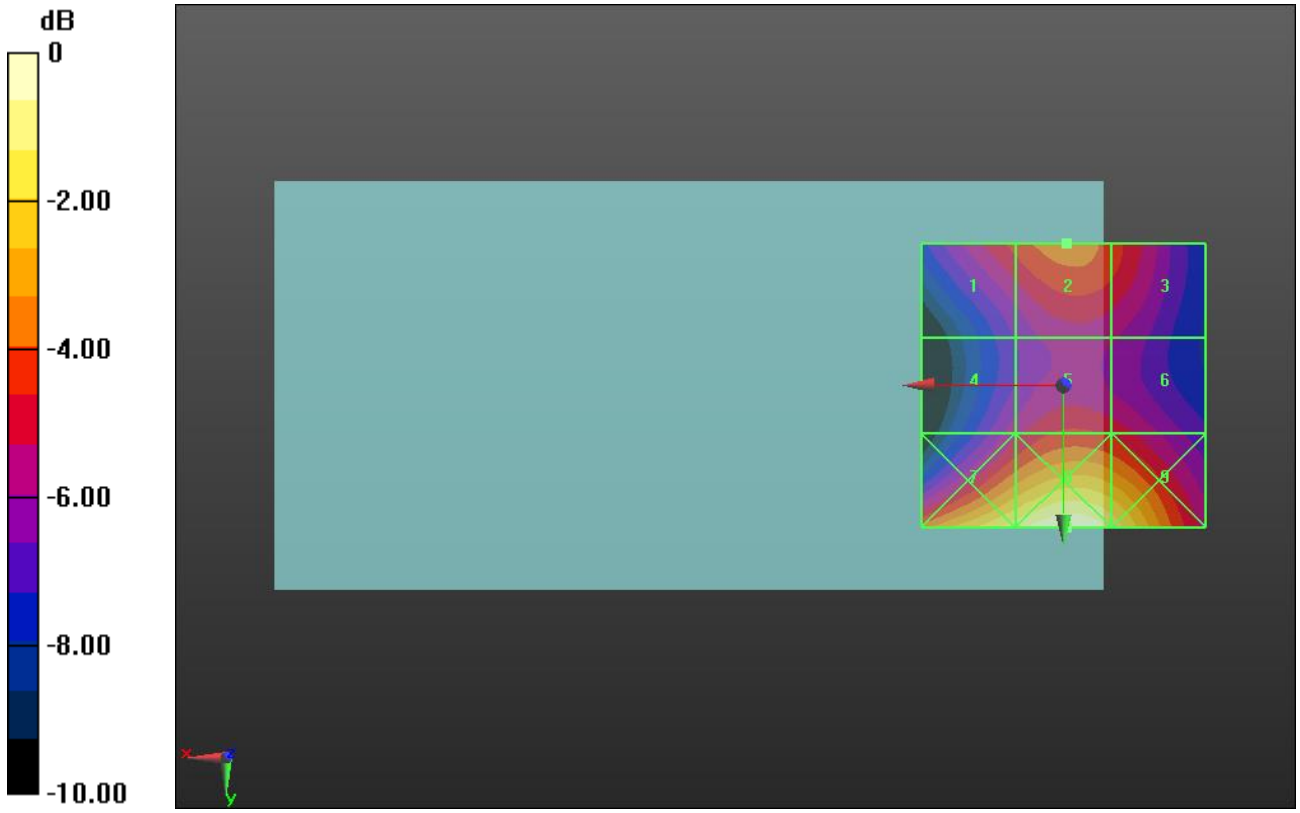
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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 512/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 19.55 V/m; Power Drift = -0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.29 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.52 dBV/m**	Grid 2 **M4** **29.29 dBV/m**	Grid 3 **M4** **28.61 dBV/m**
Grid 4 **M4** **27.38 dBV/m**	Grid 5 **M4** **28.43 dBV/m**	Grid 6 **M4** **28.12 dBV/m**
Grid 7 **M3** **31.99 dBV/m**	Grid 8 **M3** **32.91 dBV/m**	Grid 9 **M3** **32.05 dBV/m**



0 dB = 44.19 V/m = 32.91 dBV/m

HAC-RF Emission

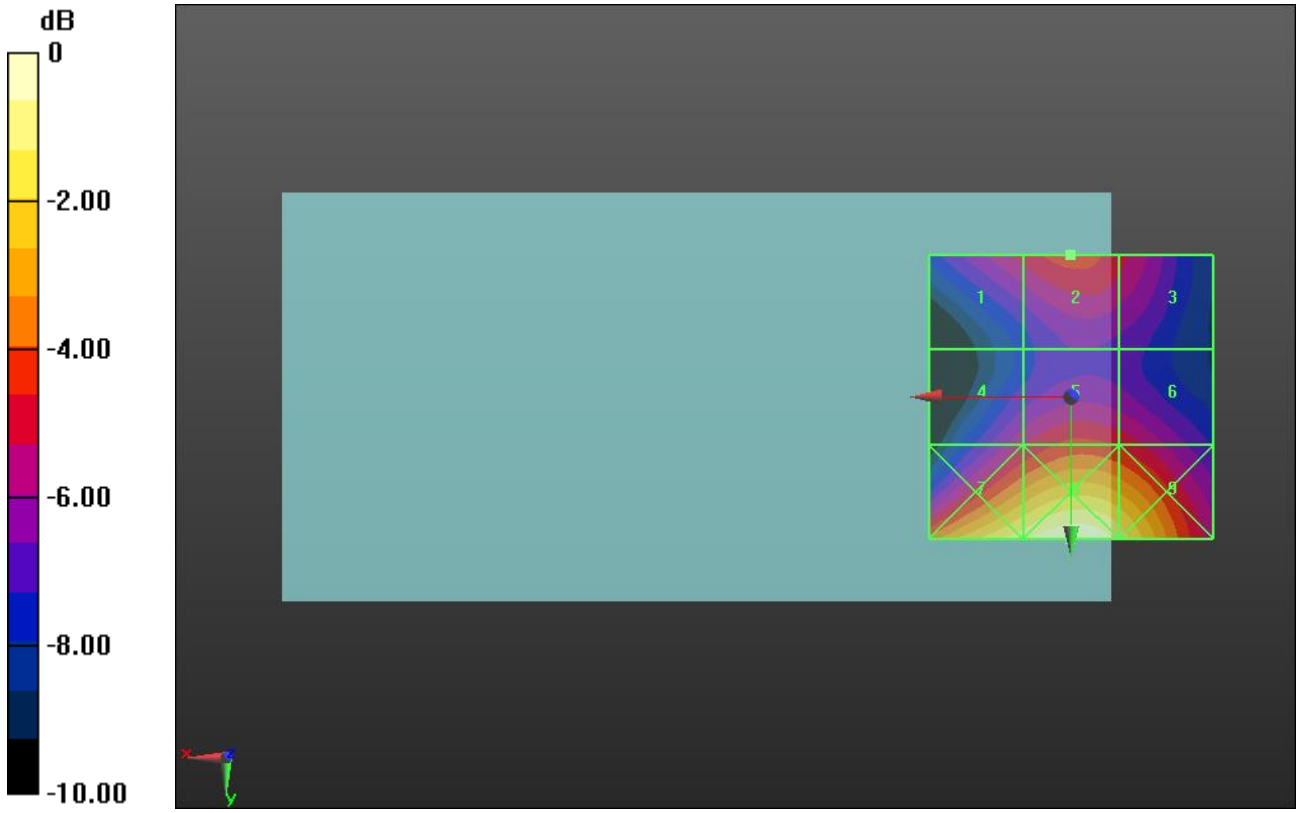
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- 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 = 19.10 V/m; Power Drift = 0.00 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.97 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.27 dBV/m**	Grid 2 **M4** **28.97 dBV/m**	Grid 3 **M4** **28.25 dBV/m**
Grid 4 **M4** **27.91 dBV/m**	Grid 5 **M4** **28.91 dBV/m**	Grid 6 **M4** **28.54 dBV/m**
Grid 7 **M3** **32.45 dBV/m**	Grid 8 **M3** **33.29 dBV/m**	Grid 9 **M3** **32.39 dBV/m**



0 dB = 46.19 V/m = 33.29 dBV/m

HAC-RF Emission

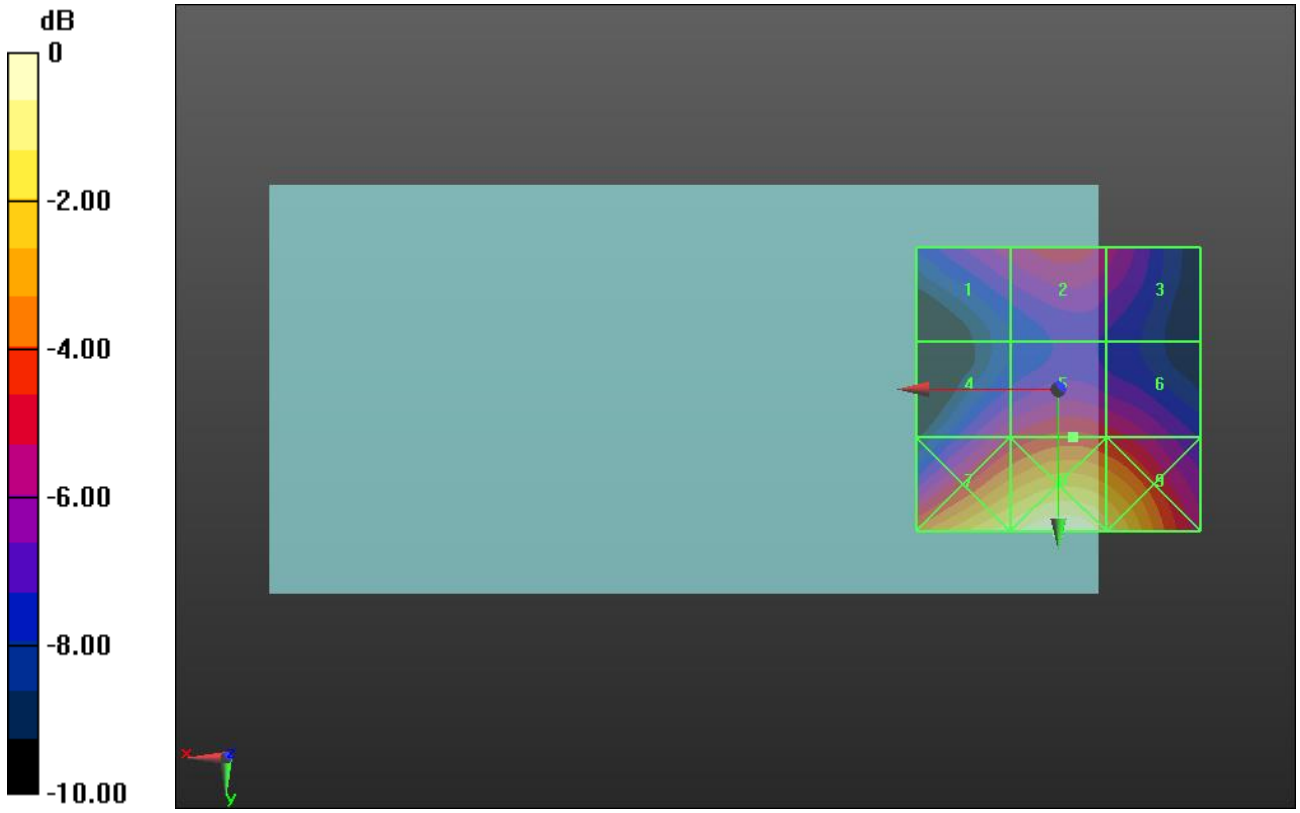
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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 = 18.51 V/m; Power Drift = 0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.99 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.82 dBV/m**	Grid 2 **M4** **28.47 dBV/m**	Grid 3 **M4** **27.73 dBV/m**
Grid 4 **M4** **28.08 dBV/m**	Grid 5 **M4** **28.99 dBV/m**	Grid 6 **M4** **28.59 dBV/m**
Grid 7 **M3** **32.51 dBV/m**	Grid 8 **M3** **33.36 dBV/m**	Grid 9 **M3** **32.44 dBV/m**



0 dB = 46.56 V/m = 33.36 dBV/m

HAC-RF Emission

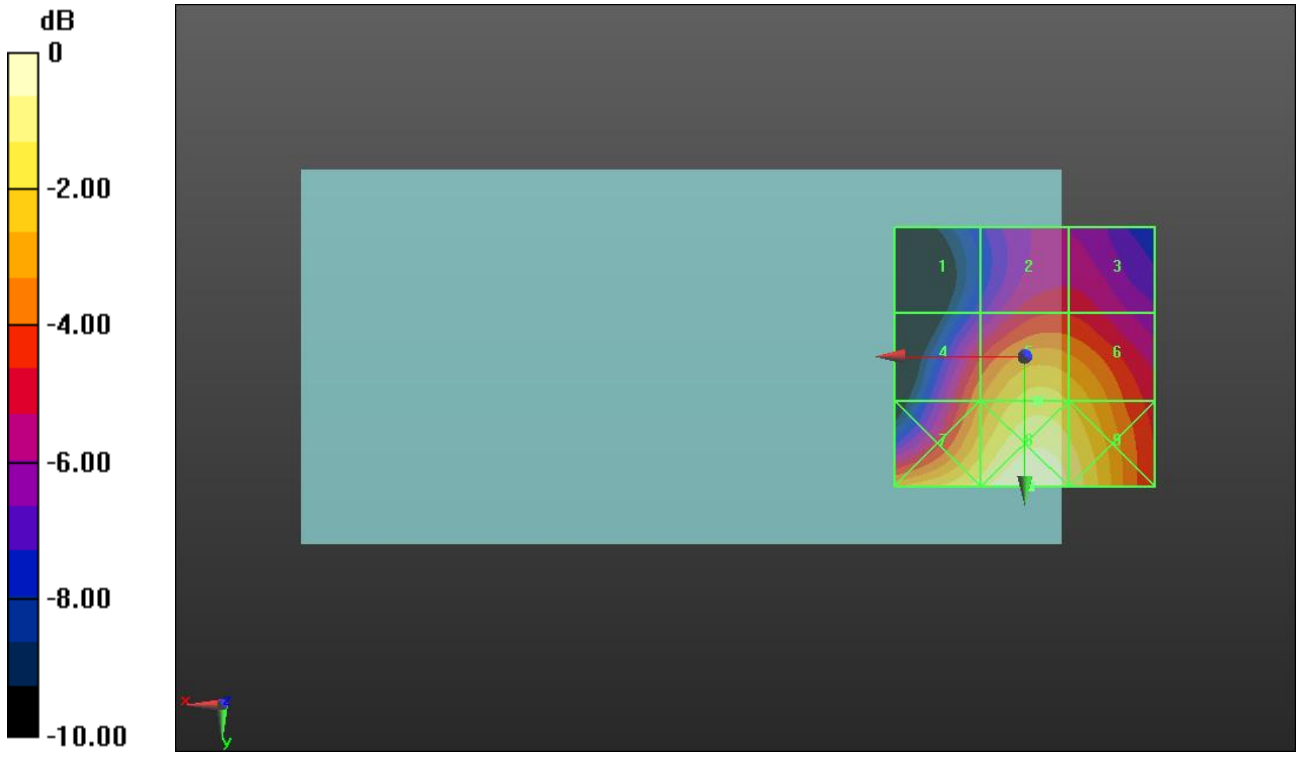
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 25.15 V/m; Power Drift = 0.07 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.27 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.08 dBV/m**	Grid 2 **M4** **22.24 dBV/m**	Grid 3 **M4** **22.2 dBV/m**
Grid 4 **M4** **23.58 dBV/m**	Grid 5 **M4** **25.27 dBV/m**	Grid 6 **M4** **24.89 dBV/m**
Grid 7 **M4** **25.97 dBV/m**	Grid 8 **M4** **26.92 dBV/m**	Grid 9 **M4** **26.18 dBV/m**



0 dB = 22.19 V/m = 26.92 dBV/m

HAC-RF Emission

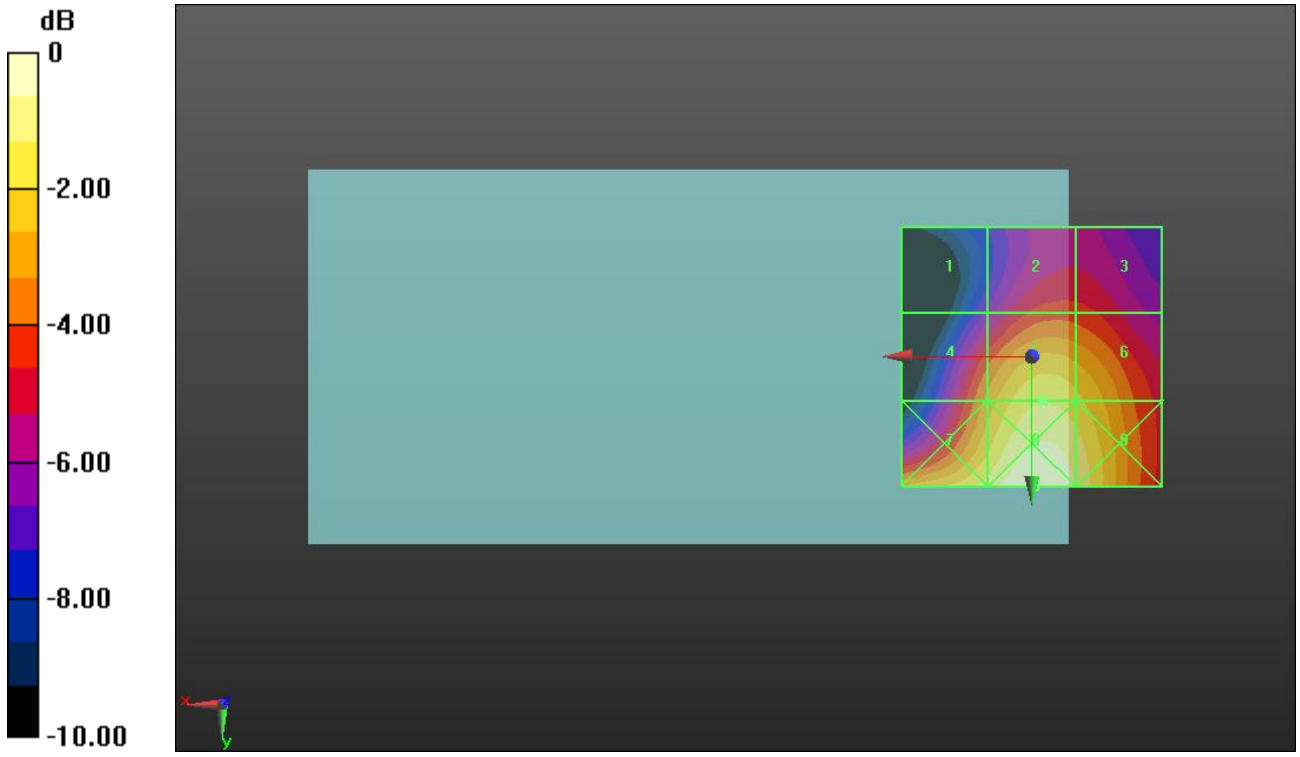
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 27.77 V/m; Power Drift = 0.06 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.99 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.93 dBV/m**	Grid 2 **M4** **23.08 dBV/m**	Grid 3 **M4** **23 dBV/m**
Grid 4 **M4** **24.26 dBV/m**	Grid 5 **M4** **25.99 dBV/m**	Grid 6 **M4** **25.57 dBV/m**
Grid 7 **M4** **26.37 dBV/m**	Grid 8 **M4** **27.36 dBV/m**	Grid 9 **M4** **26.61 dBV/m**



0 dB = 23.33 V/m = 27.36 dBV/m

HAC-RF Emission

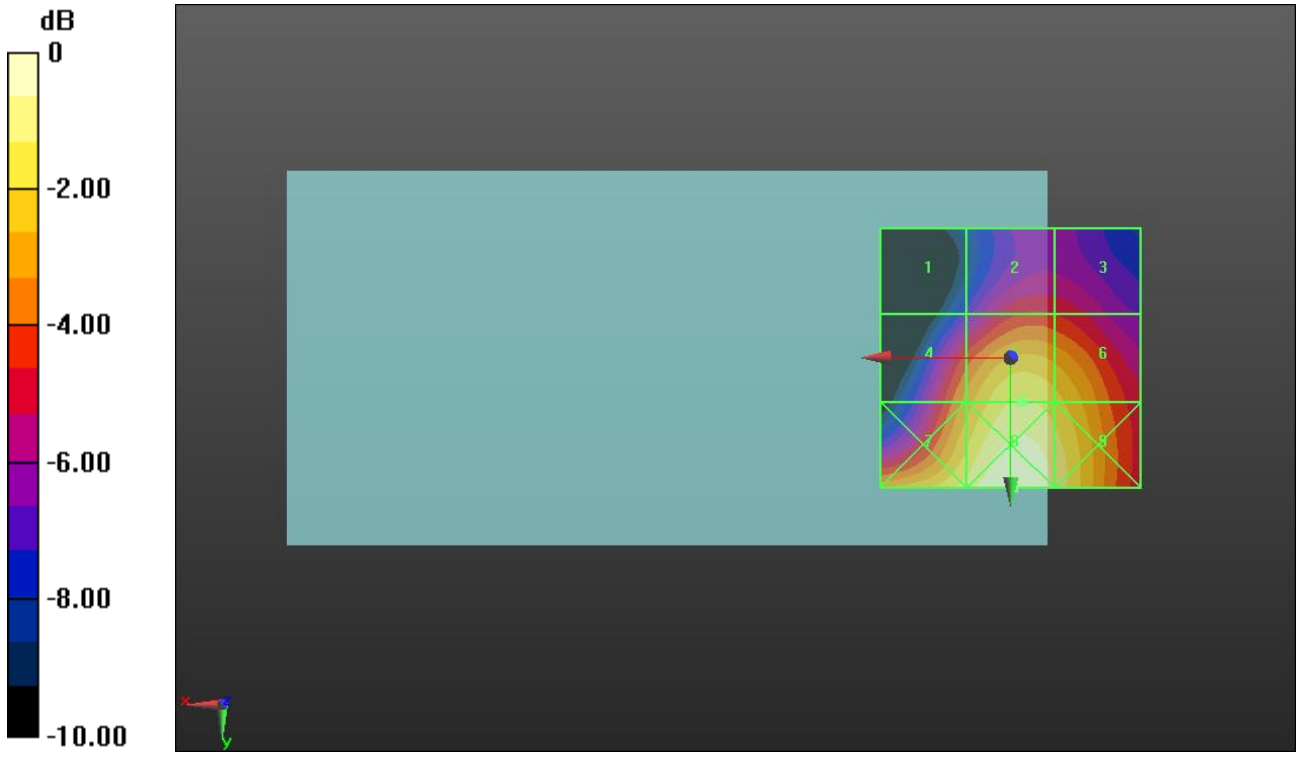
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 26.06 V/m; Power Drift = -0.09 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.26 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.5 dBV/m**	Grid 2 **M4** **21.95 dBV/m**	Grid 3 **M4** **21.81 dBV/m**
Grid 4 **M4** **23.49 dBV/m**	Grid 5 **M4** **25.26 dBV/m**	Grid 6 **M4** **24.78 dBV/m**
Grid 7 **M4** **25.49 dBV/m**	Grid 8 **M4** **26.5 dBV/m**	Grid 9 **M4** **25.69 dBV/m**



0 dB = 21.14 V/m = 26.50 dBV/m

HAC-RF Emission

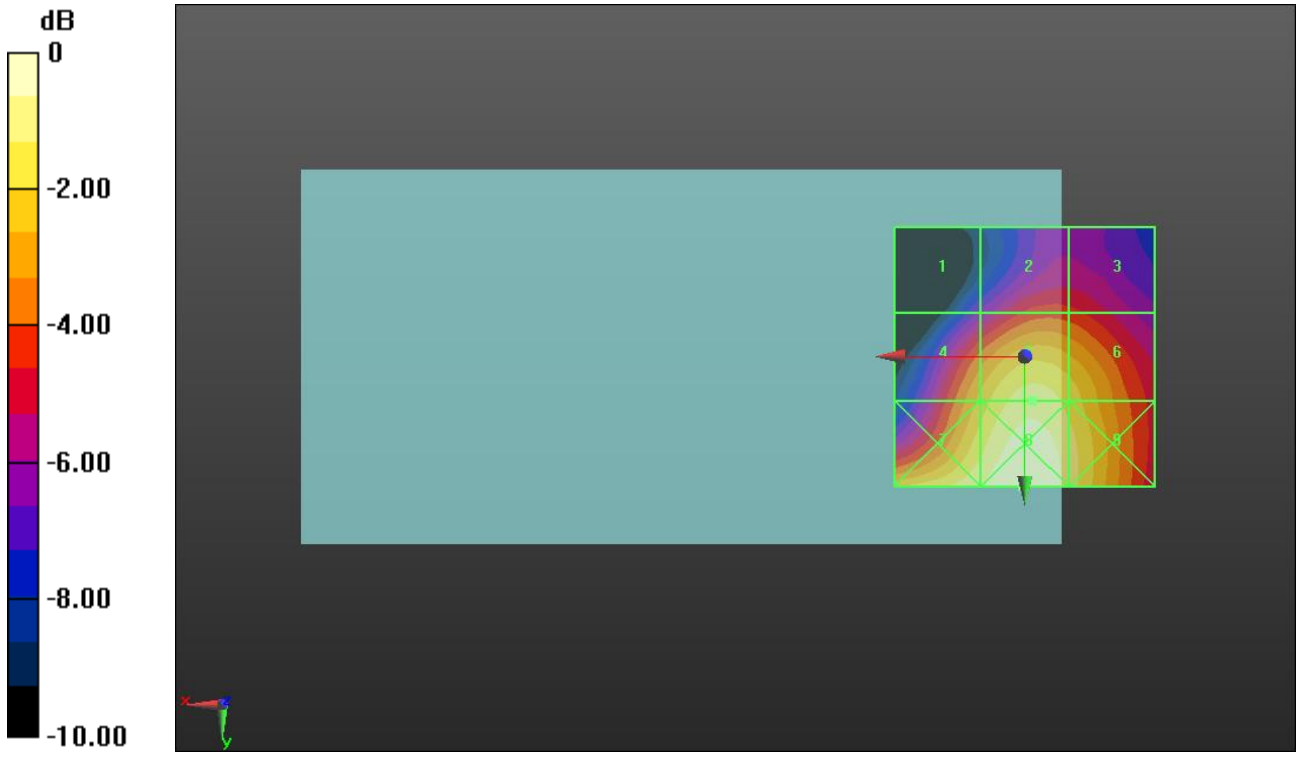
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 23.29 V/m; Power Drift = 0.00 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.39 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.93 dBV/m**	Grid 2 **M4** **21.07 dBV/m**	Grid 3 **M4** **20.93 dBV/m**
Grid 4 **M4** **22.91 dBV/m**	Grid 5 **M4** **24.39 dBV/m**	Grid 6 **M4** **23.76 dBV/m**
Grid 7 **M4** **24.69 dBV/m**	Grid 8 **M4** **25.34 dBV/m**	Grid 9 **M4** **24.4 dBV/m**



0 dB = 18.50 V/m = 25.34 dBV/m

HAC-RF Emission

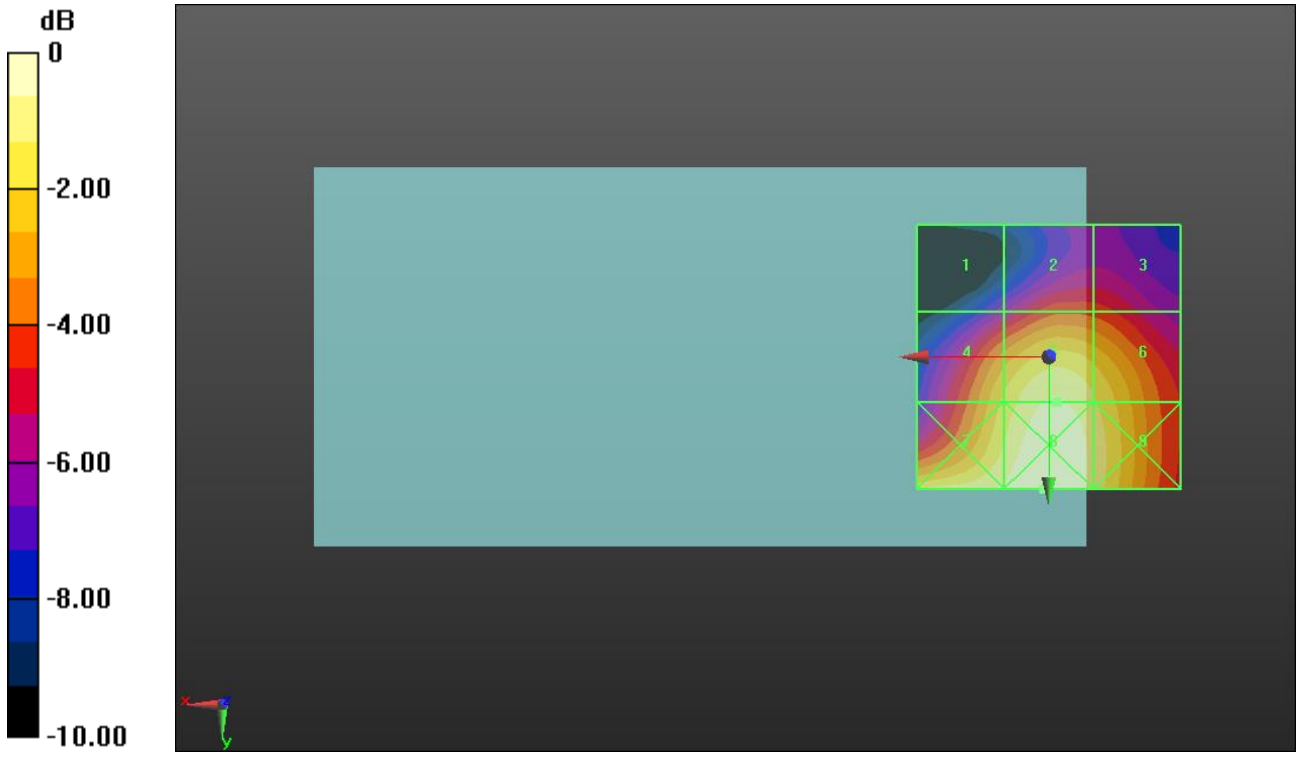
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 26.82 V/m; Power Drift = -0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.37 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.94 dBV/m**	Grid 2 **M4** **21.87 dBV/m**	Grid 3 **M4** **21.74 dBV/m**
Grid 4 **M4** **24.11 dBV/m**	Grid 5 **M4** **25.37 dBV/m**	Grid 6 **M4** **24.72 dBV/m**
Grid 7 **M4** **25.44 dBV/m**	Grid 8 **M4** **25.95 dBV/m**	Grid 9 **M4** **25.1 dBV/m**



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

HAC-RF Emission

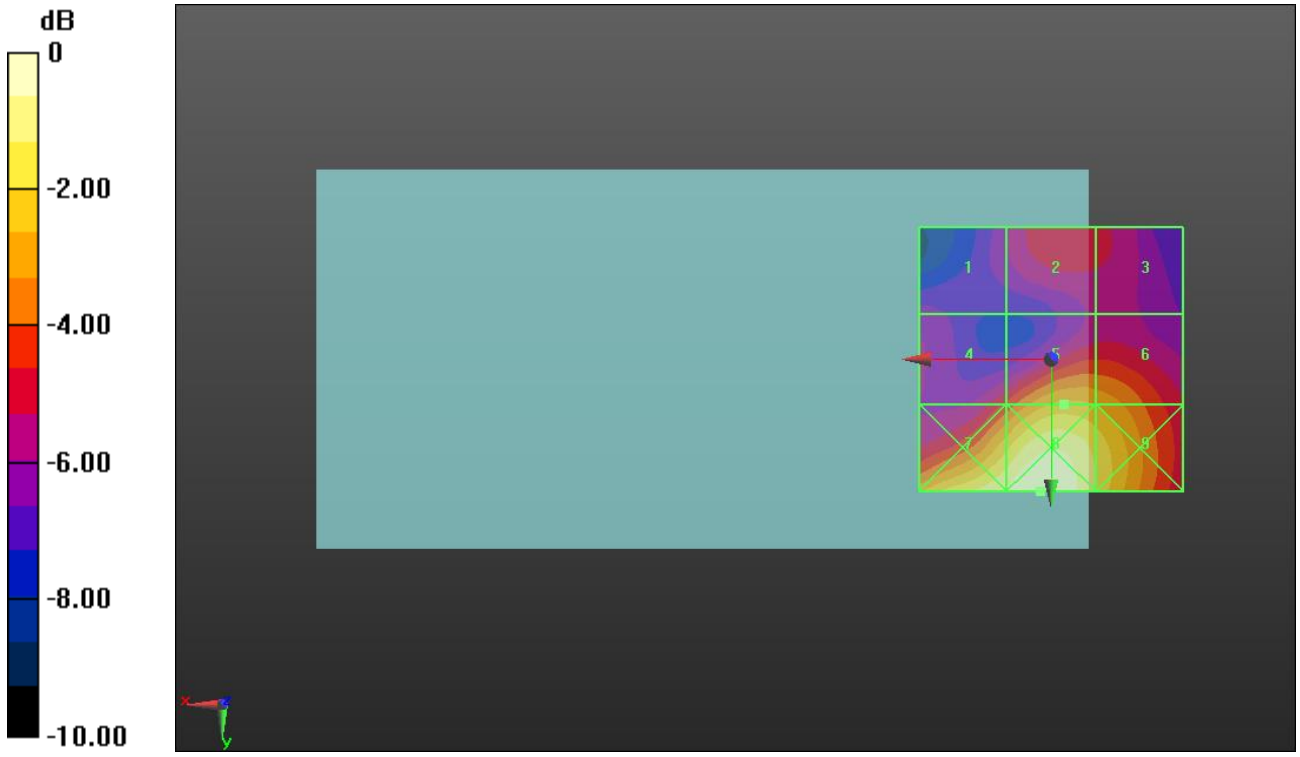
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 18.29 V/m; Power Drift = -0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.07 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.51 dBV/m**	Grid 2 **M4** **21.79 dBV/m**	Grid 3 **M4** **21.53 dBV/m**
Grid 4 **M4** **22.05 dBV/m**	Grid 5 **M4** **24.07 dBV/m**	Grid 6 **M4** **23.8 dBV/m**
Grid 7 **M4** **26 dBV/m**	Grid 8 **M4** **26.54 dBV/m**	Grid 9 **M4** **25.18 dBV/m**



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

HAC-RF Emission

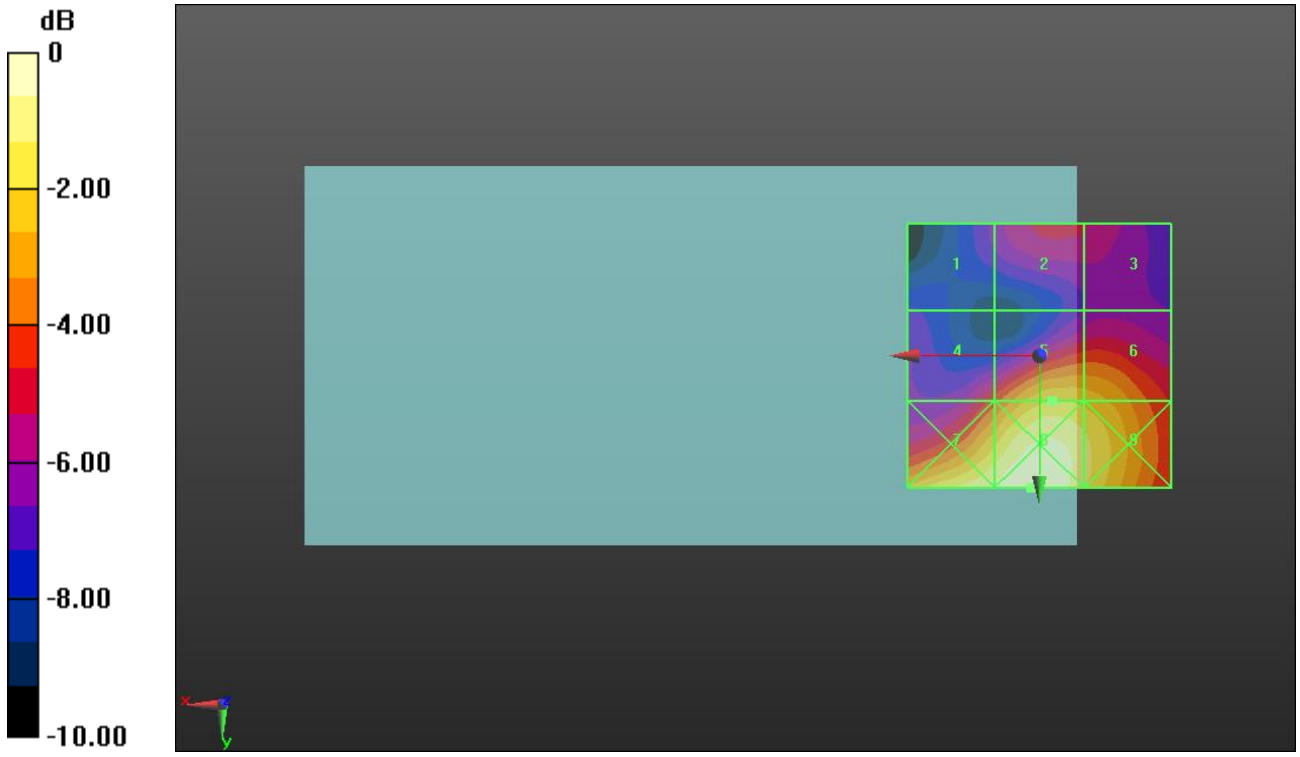
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 17.87 V/m; Power Drift = 0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.31 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.97 dBV/m**	Grid 2 **M4** **21.27 dBV/m**	Grid 3 **M4** **21.08 dBV/m**
Grid 4 **M4** **21.99 dBV/m**	Grid 5 **M4** **24.31 dBV/m**	Grid 6 **M4** **24.1 dBV/m**
Grid 7 **M4** **25.79 dBV/m**	Grid 8 **M4** **26.33 dBV/m**	Grid 9 **M4** **25.25 dBV/m**



0 dB = 20.72 V/m = 26.33 dBV/m

HAC-RF Emission

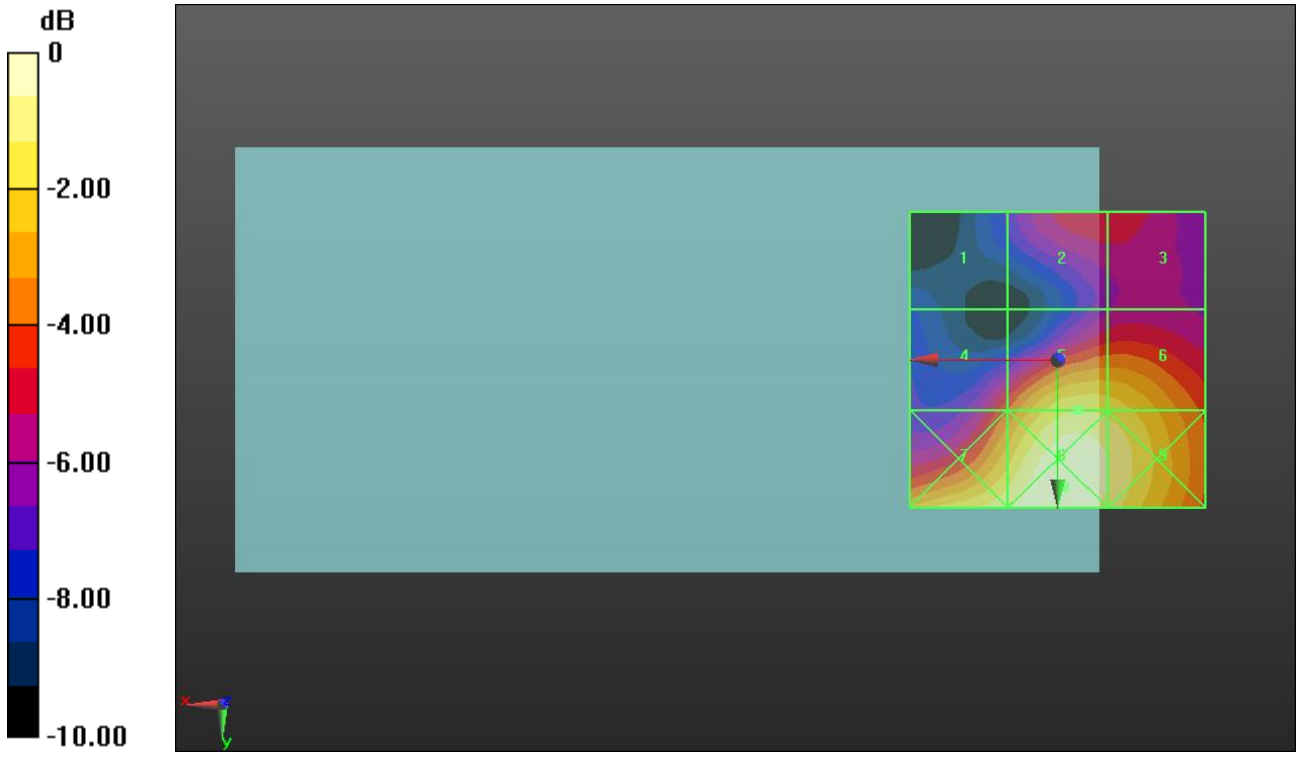
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 18.98 V/m; Power Drift = 0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.58 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.82 dBV/m**	Grid 2 **M4** **21.1 dBV/m**	Grid 3 **M4** **21.07 dBV/m**
Grid 4 **M4** **21.95 dBV/m**	Grid 5 **M4** **24.58 dBV/m**	Grid 6 **M4** **24.42 dBV/m**
Grid 7 **M4** **25.19 dBV/m**	Grid 8 **M4** **25.97 dBV/m**	Grid 9 **M4** **25.33 dBV/m**



0 dB = 19.88 V/m = 25.97 dBV/m

HAC-RF Emission

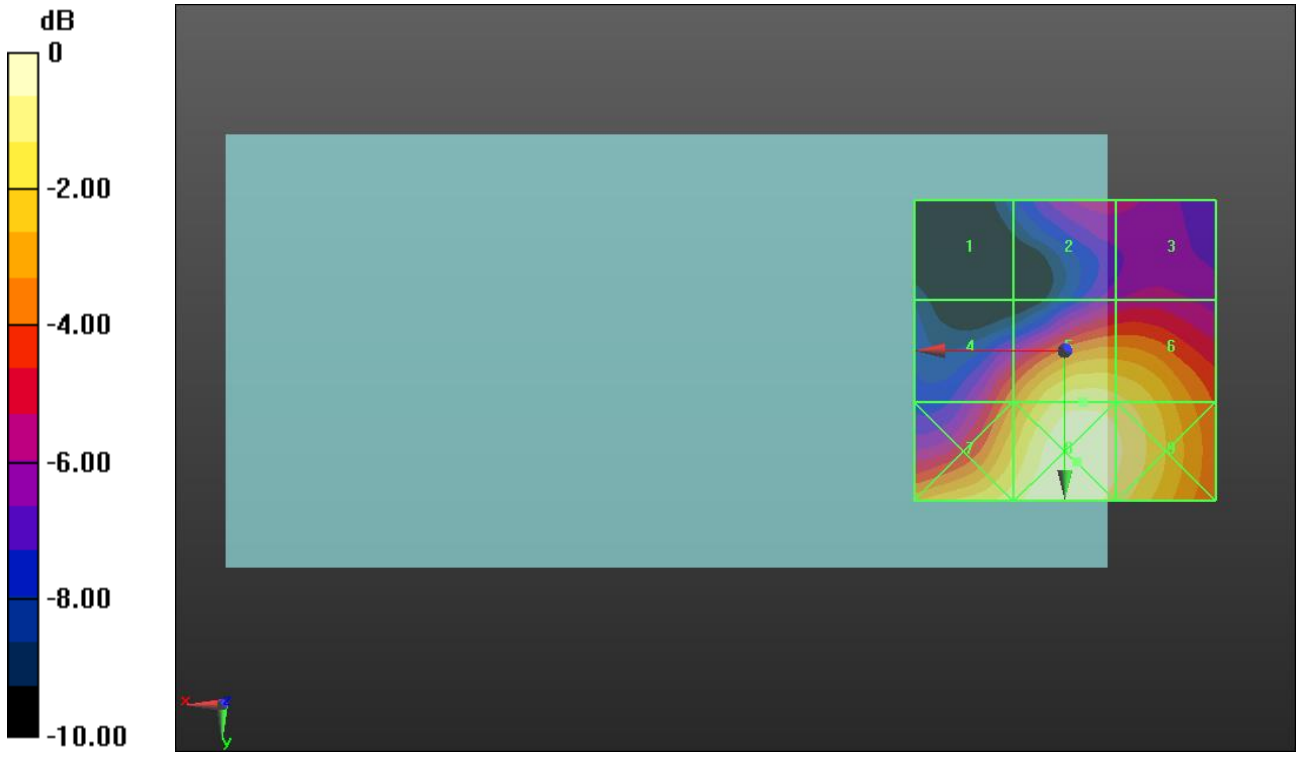
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 22.06 V/m; Power Drift = 0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.53 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.3 dBV/m**	Grid 2 **M4** **20.72 dBV/m**	Grid 3 **M4** **20.79 dBV/m**
Grid 4 **M4** **23.07 dBV/m**	Grid 5 **M4** **25.53 dBV/m**	Grid 6 **M4** **25.29 dBV/m**
Grid 7 **M4** **25.51 dBV/m**	Grid 8 **M4** **26.42 dBV/m**	Grid 9 **M4** **25.91 dBV/m**



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

HAC-RF Emission

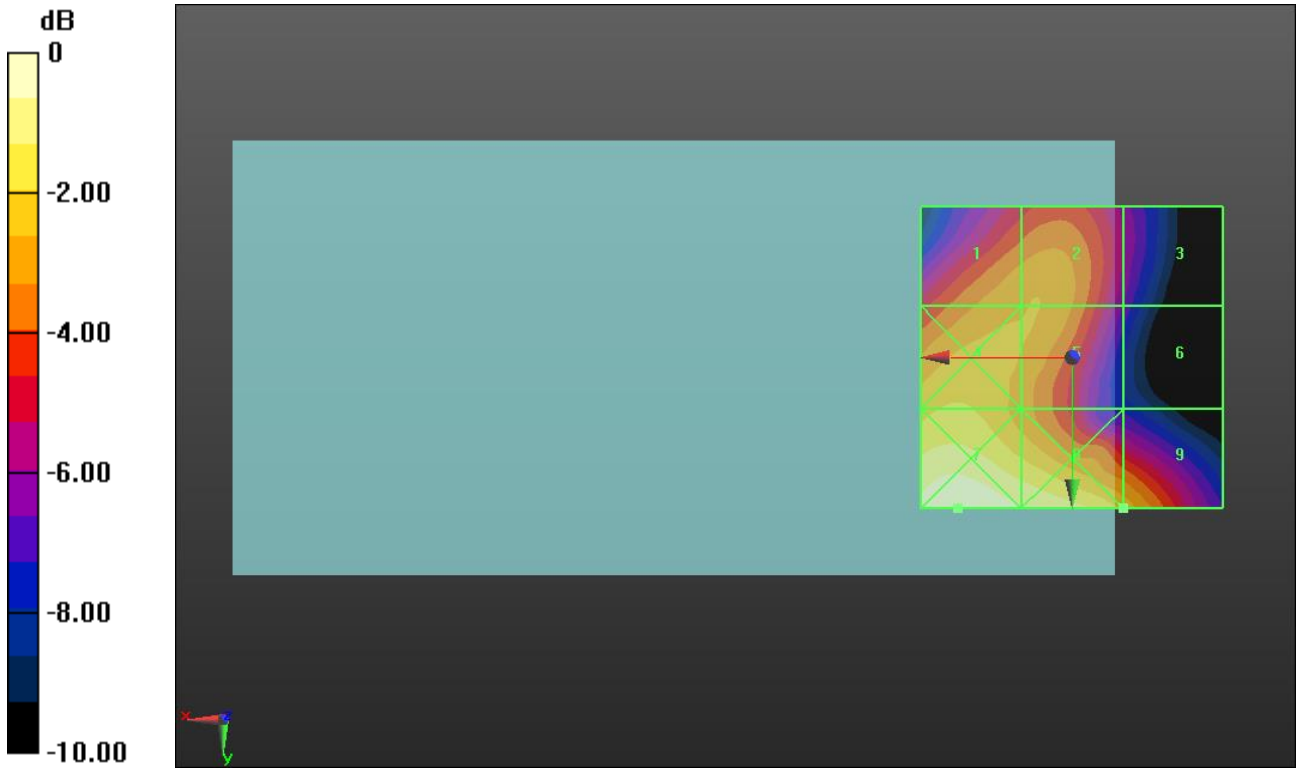
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2417 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2417 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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)

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 = 21.31 V/m; Power Drift = 0.02 dB
Applied MIF = -2.02 dB
RF audio interference level = 24.18 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.61 dBV/m**	Grid 2 **M4** **23.71 dBV/m**	Grid 3 **M4** **20.4 dBV/m**
Grid 4 **M4** **24.44 dBV/m**	Grid 5 **M4** **23.72 dBV/m**	Grid 6 **M4** **19.62 dBV/m**
Grid 7 **M4** **26.34 dBV/m**	Grid 8 **M4** **25.77 dBV/m**	Grid 9 **M4** **24.18 dBV/m**



0 dB = 20.76 V/m = 26.34 dBV/m

HAC-RF Emission

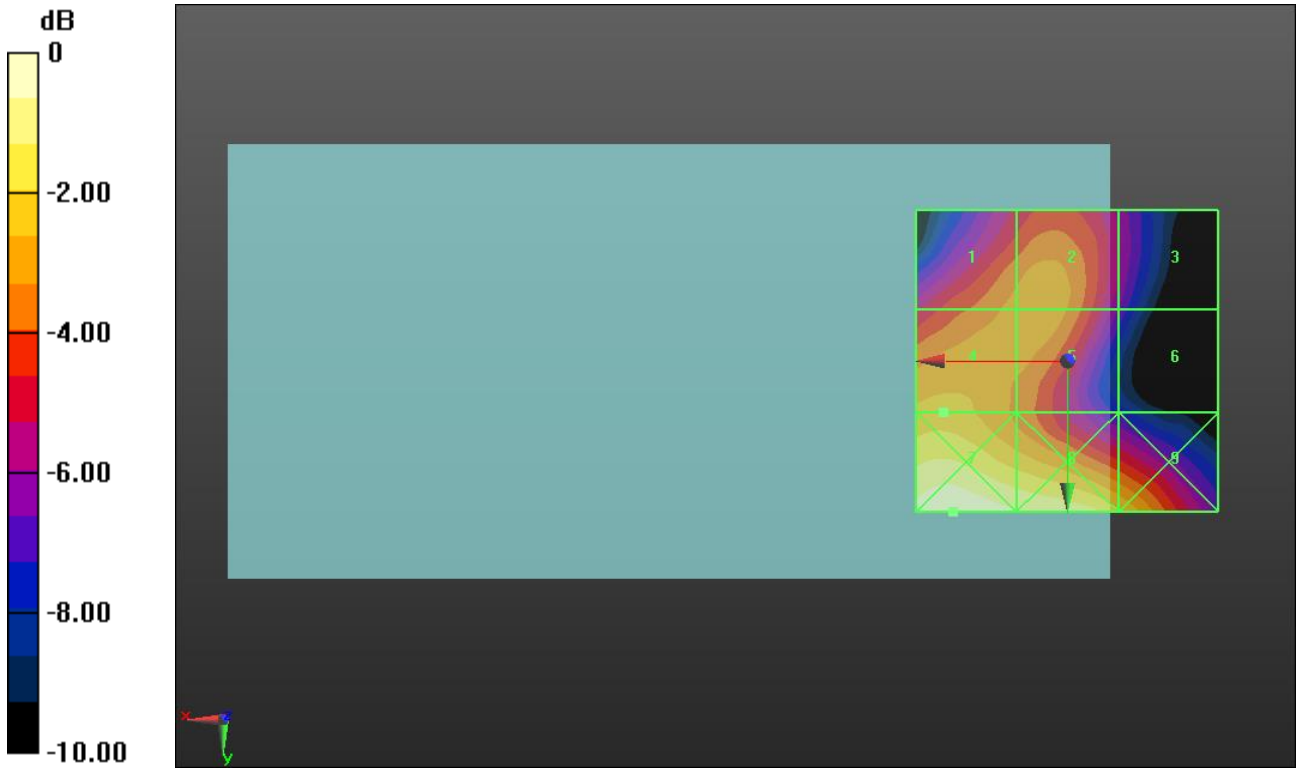
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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)

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 = 20.93 V/m; Power Drift = -0.11 dB
Applied MIF = -2.02 dB
RF audio interference level = 23.67 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.96 dBV/m**	Grid 2 **M4** **23.18 dBV/m**	Grid 3 **M4** **20.11 dBV/m**
Grid 4 **M4** **23.67 dBV/m**	Grid 5 **M4** **23.18 dBV/m**	Grid 6 **M4** **19.34 dBV/m**
Grid 7 **M4** **26.02 dBV/m**	Grid 8 **M4** **25.44 dBV/m**	Grid 9 **M4** **24.17 dBV/m**



0 dB = 20.01 V/m = 26.02 dBV/m

HAC-RF Emission

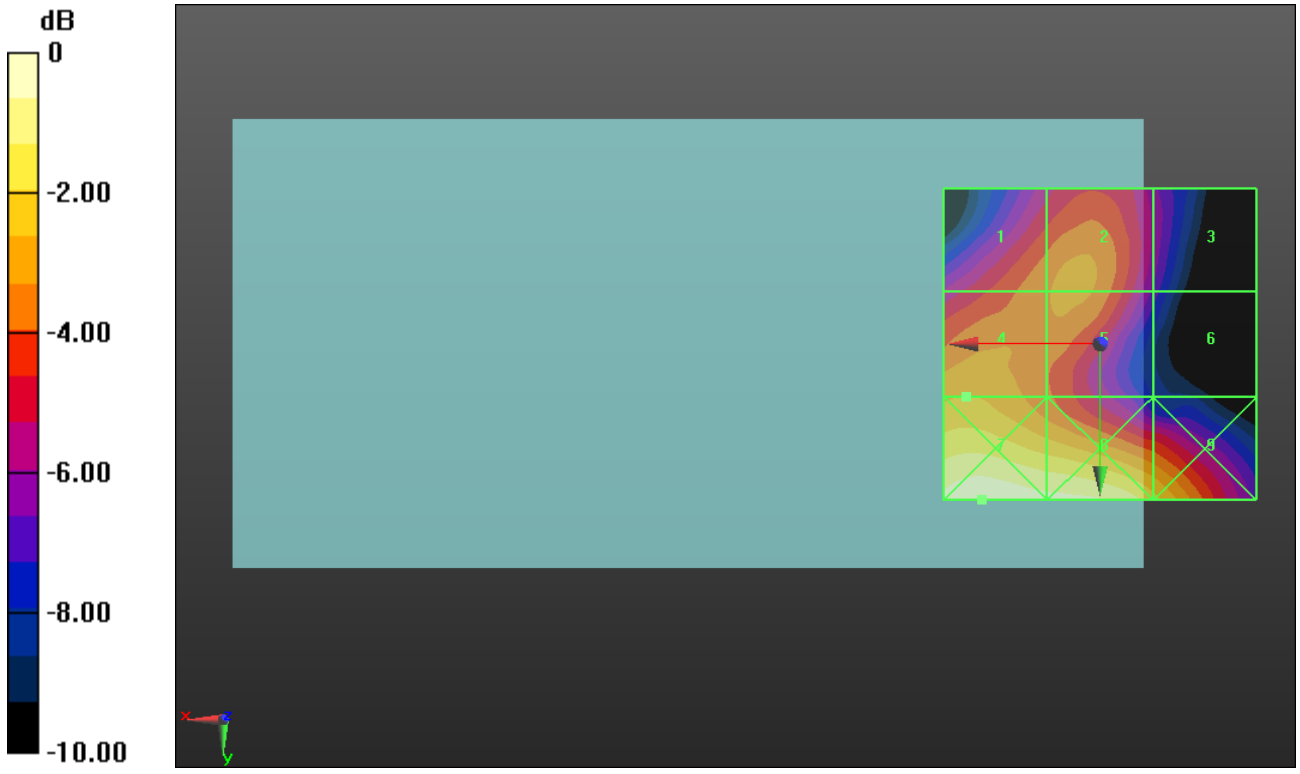
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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)

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 = 23.53 V/m; Power Drift = -0.16 dB
Applied MIF = -2.02 dB
RF audio interference level = 24.39 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.64 dBV/m**	Grid 2 **M4** **23.91 dBV/m**	Grid 3 **M4** **20.95 dBV/m**
Grid 4 **M4** **24.39 dBV/m**	Grid 5 **M4** **23.91 dBV/m**	Grid 6 **M4** **20.22 dBV/m**
Grid 7 **M4** **27.04 dBV/m**	Grid 8 **M4** **26.6 dBV/m**	Grid 9 **M4** **25.35 dBV/m**



0 dB = 22.48 V/m = 27.04 dBV/m

HAC-RF Emission

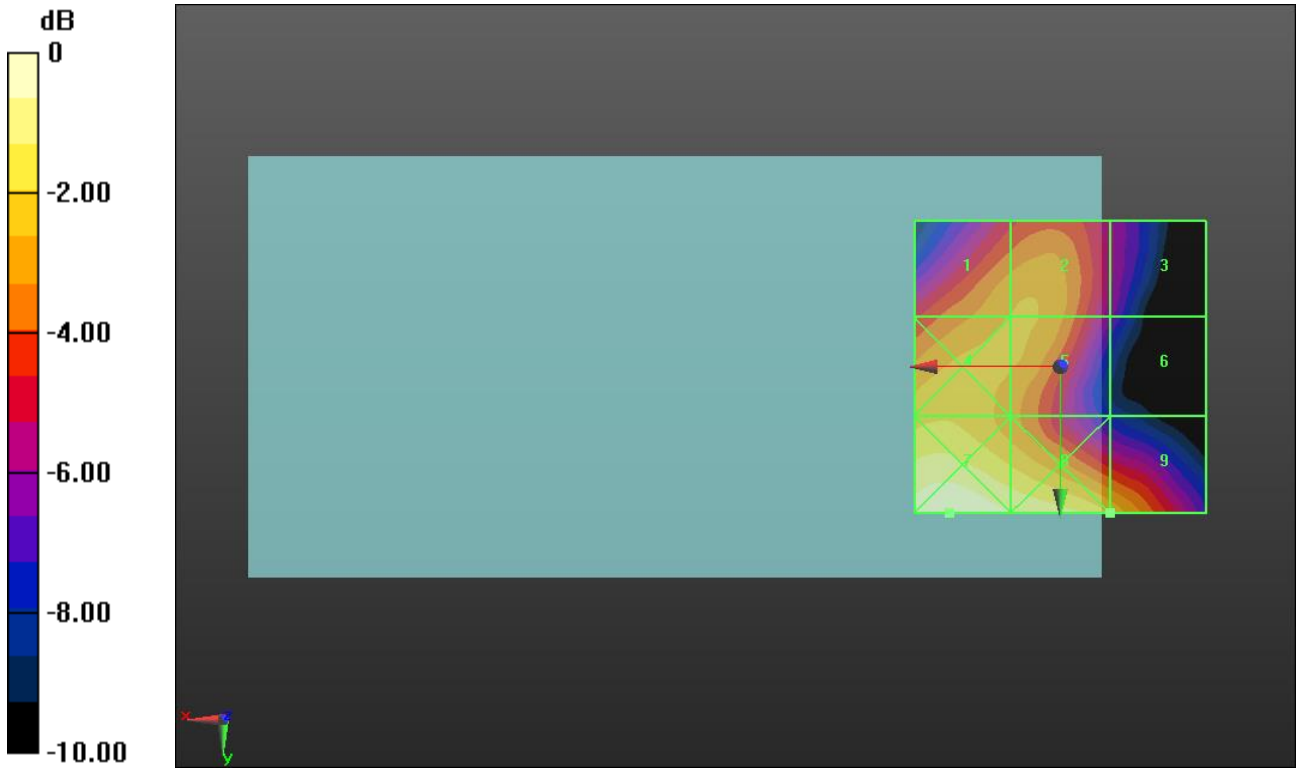
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2422 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2422 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: 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)

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 = 19.35 V/m; Power Drift = 0.17 dB
Applied MIF = 0.12 dB
RF audio interference level = 25.57 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25 dBV/m**	Grid 2 **M4** **25.08 dBV/m**	Grid 3 **M4** **21.9 dBV/m**
Grid 4 **M4** **25.58 dBV/m**	Grid 5 **M4** **25.09 dBV/m**	Grid 6 **M4** **21.16 dBV/m**
Grid 7 **M4** **27.63 dBV/m**	Grid 8 **M4** **27.03 dBV/m**	Grid 9 **M4** **25.57 dBV/m**



0 dB = 24.07 V/m = 27.63 dBV/m

HAC-RF Emission

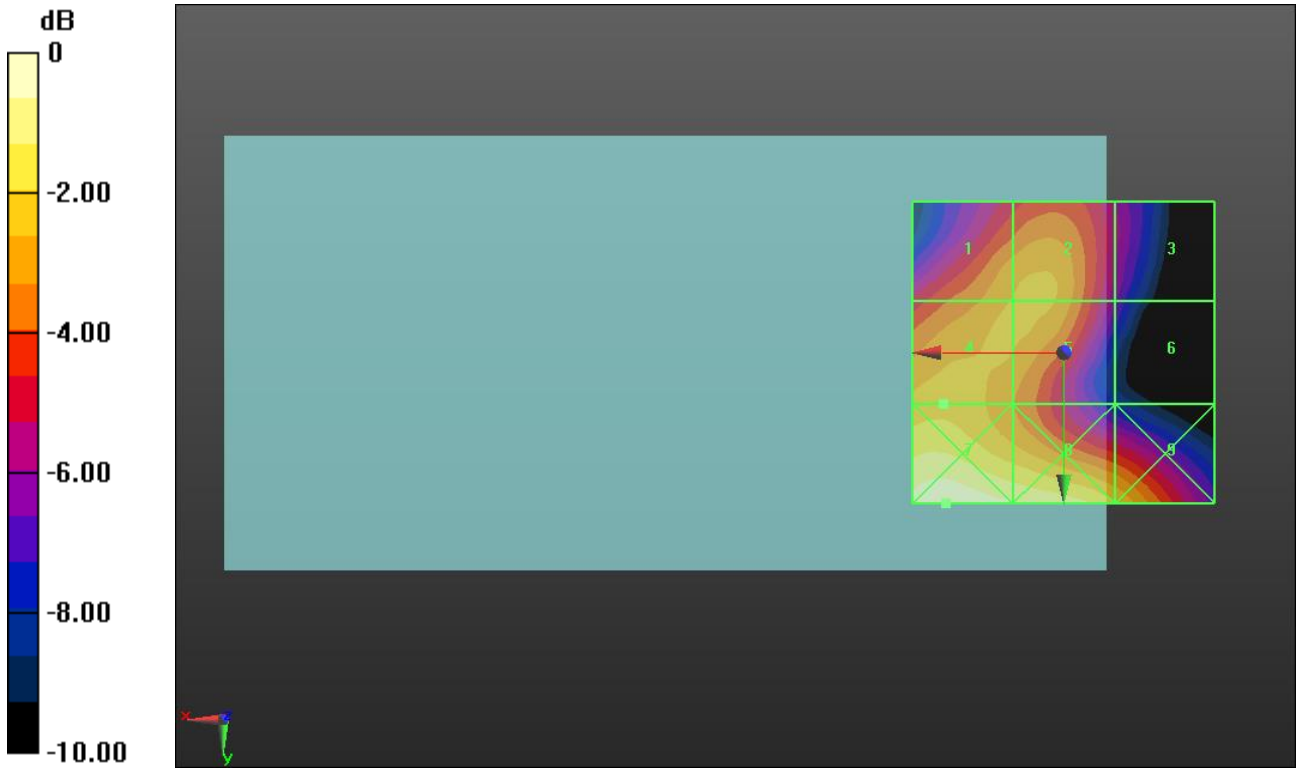
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: 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)

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 = 19.19 V/m; Power Drift = -0.06 dB
Applied MIF = 0.12 dB
RF audio interference level = 24.80 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.43 dBV/m**	Grid 2 **M4** **24.6 dBV/m**	Grid 3 **M4** **21.29 dBV/m**
Grid 4 **M4** **24.8 dBV/m**	Grid 5 **M4** **24.6 dBV/m**	Grid 6 **M4** **20.51 dBV/m**
Grid 7 **M4** **27.03 dBV/m**	Grid 8 **M4** **26.44 dBV/m**	Grid 9 **M4** **25.14 dBV/m**



0 dB = 22.47 V/m = 27.03 dBV/m

HAC-RF Emission

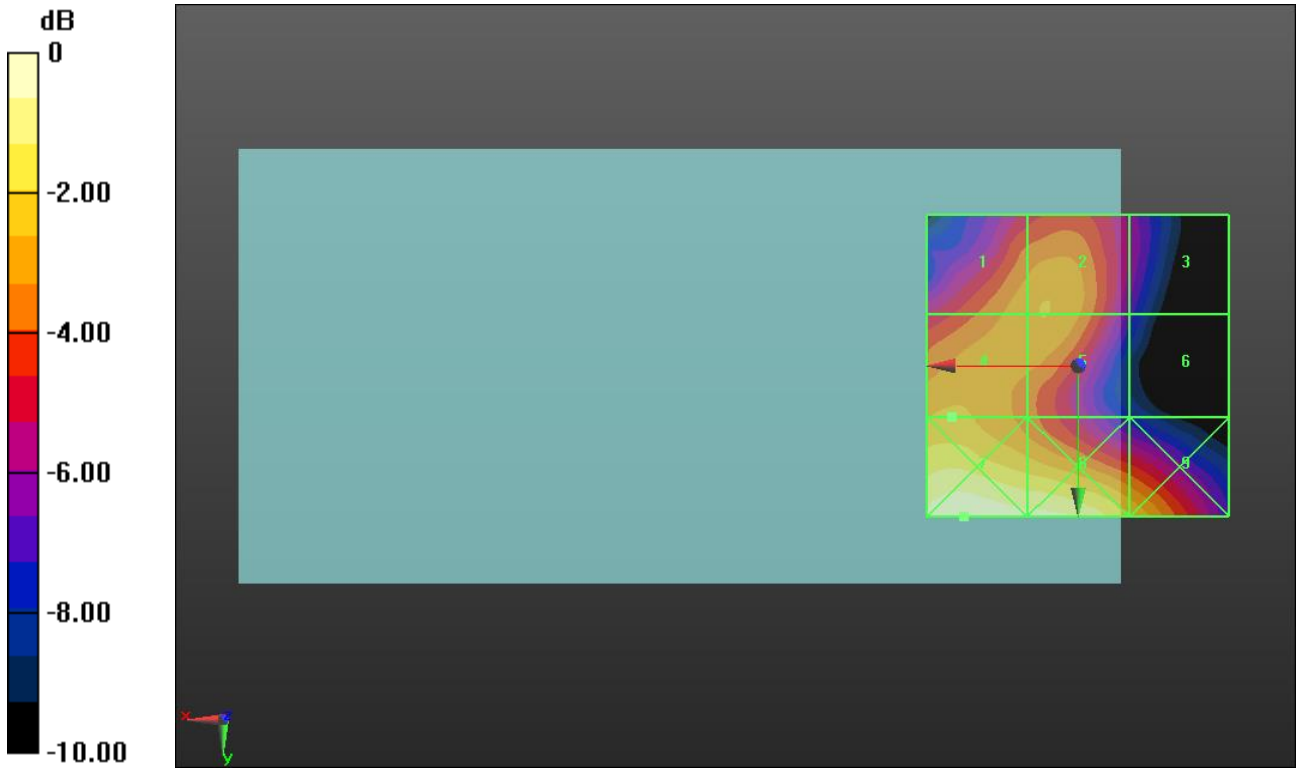
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2452 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: 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)

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 = 18.68 V/m; Power Drift = -0.06 dB
Applied MIF = 0.12 dB
RF audio interference level = 24.76 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.46 dBV/m**	Grid 2 **M4** **24.66 dBV/m**	Grid 3 **M4** **21.33 dBV/m**
Grid 4 **M4** **24.76 dBV/m**	Grid 5 **M4** **24.65 dBV/m**	Grid 6 **M4** **20.32 dBV/m**
Grid 7 **M4** **27.29 dBV/m**	Grid 8 **M4** **26.88 dBV/m**	Grid 9 **M4** **25.43 dBV/m**



0 dB = 23.16 V/m = 27.29 dBV/m

HAC-RF Emission

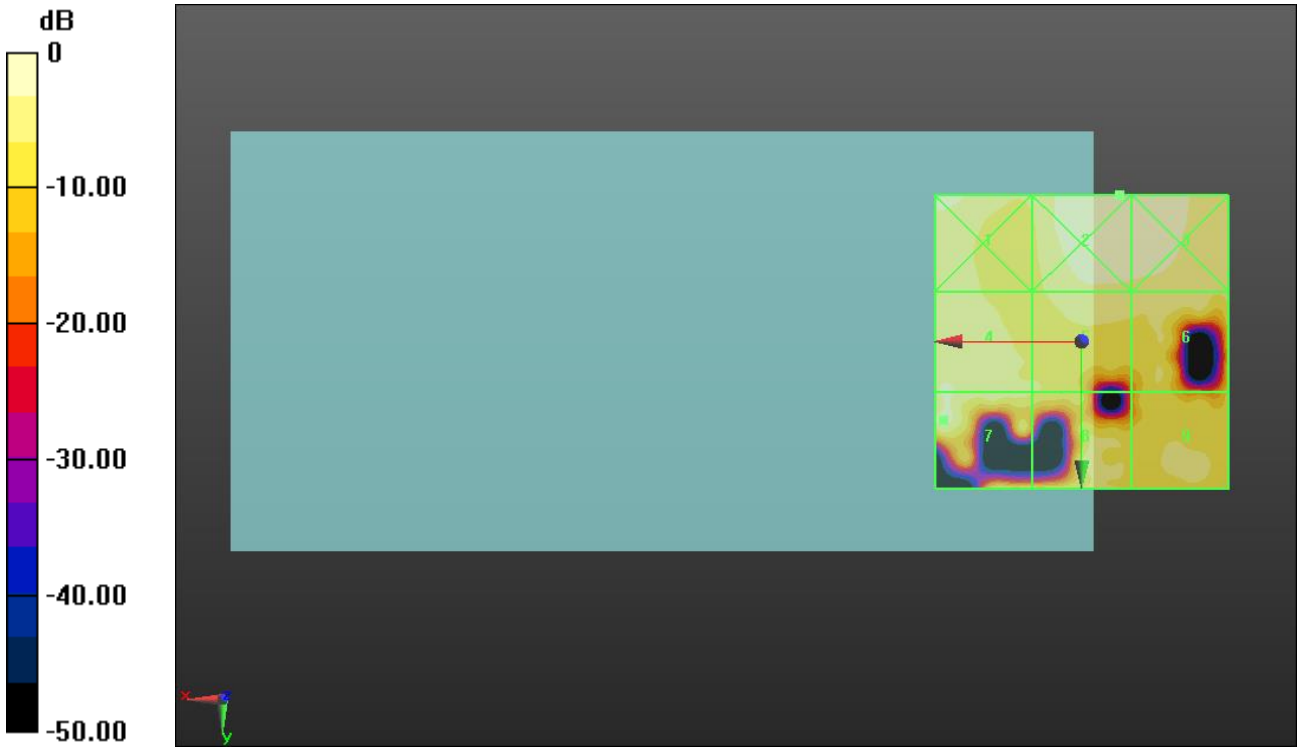
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5200 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4040; ConvF(1, 1, 1) @ 5200 MHz; Calibrated: 3/3/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 3.328 V/m; Power Drift = 0.05 dB
Applied MIF = -5.82 dB
RF audio interference level = 10.34 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **11.53 dBV/m**	Grid 2 **M4** **12.11 dBV/m**	Grid 3 **M4** **11.96 dBV/m**
Grid 4 **M4** **9.36 dBV/m**	Grid 5 **M4** **8.2 dBV/m**	Grid 6 **M4** **8.01 dBV/m**
Grid 7 **M4** **10.34 dBV/m**	Grid 8 **M4** **7.64 dBV/m**	Grid 9 **M4** **5.8 dBV/m**



0 dB = 4.031 V/m = 12.11 dBV/m

HAC-RF Emission

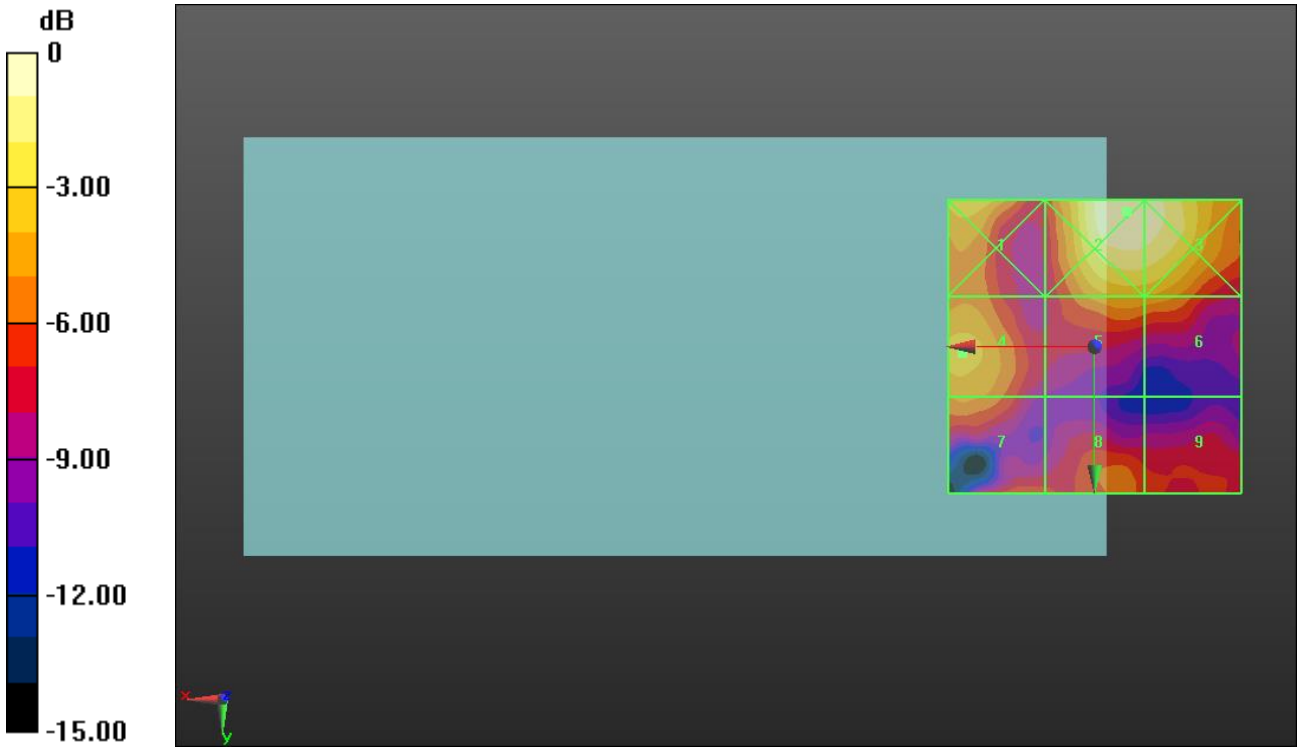
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5220 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4040; ConvF(1, 1, 1) @ 5220 MHz; Calibrated: 3/3/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 3.646 V/m; Power Drift = 0.12 dB
Applied MIF = -5.82 dB
RF audio interference level = 9.00 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **9.69 dBV/m**	Grid 2 **M4** **12.6 dBV/m**	Grid 3 **M4** **12.32 dBV/m**
Grid 4 **M4** **9 dBV/m**	Grid 5 **M4** **8.7 dBV/m**	Grid 6 **M4** **8.52 dBV/m**
Grid 7 **M4** **7.98 dBV/m**	Grid 8 **M4** **7.01 dBV/m**	Grid 9 **M4** **6.23 dBV/m**



0 dB = 4.266 V/m = 12.60 dBV/m

HAC-RF Emission

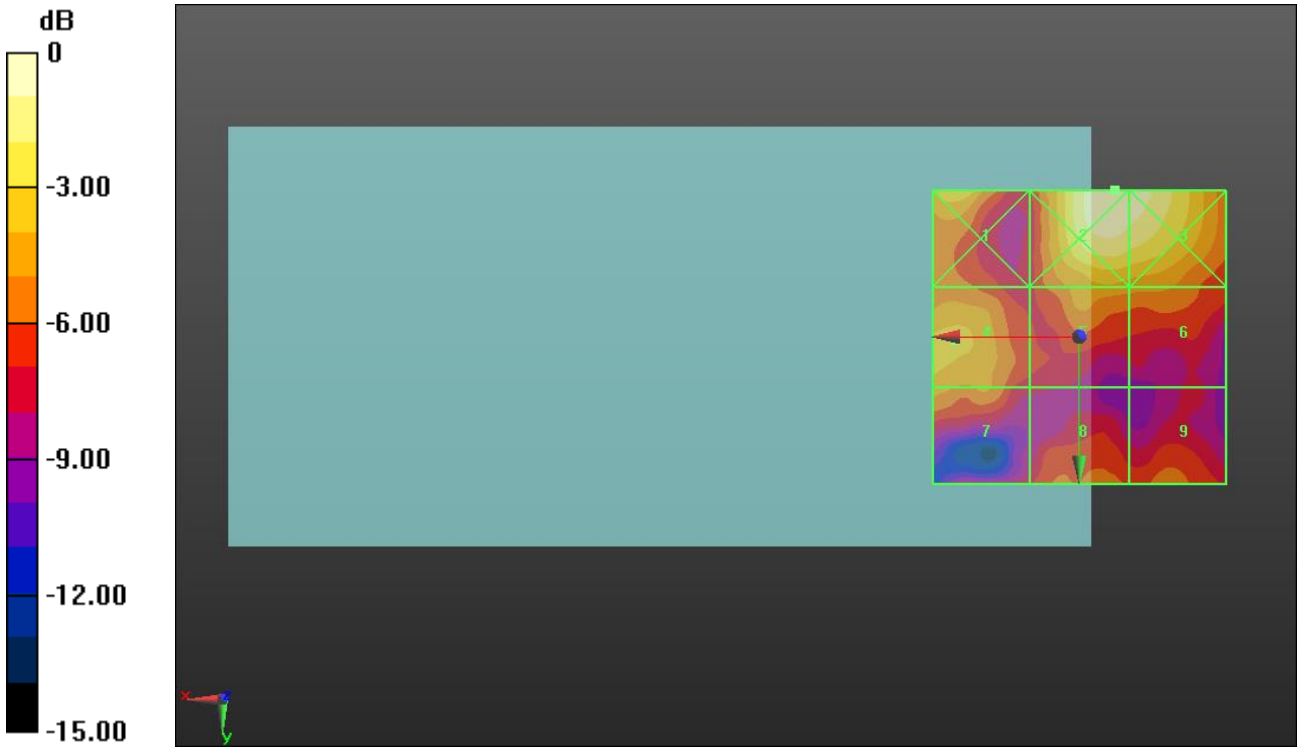
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5240 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4040; ConvF(1, 1, 1) @ 5240 MHz; Calibrated: 3/3/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 3.900 V/m; Power Drift = -0.44 dB
Applied MIF = -5.82 dB
RF audio interference level = 8.75 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **9.41 dBV/m**	Grid 2 **M4** **12.36 dBV/m**	Grid 3 **M4** **12.07 dBV/m**
Grid 4 **M4** **8.75 dBV/m**	Grid 5 **M4** **8.19 dBV/m**	Grid 6 **M4** **7.84 dBV/m**
Grid 7 **M4** **8.09 dBV/m**	Grid 8 **M4** **6.72 dBV/m**	Grid 9 **M4** **6.99 dBV/m**



0 dB = 4.152 V/m = 12.37 dBV/m

HAC-RF Emission

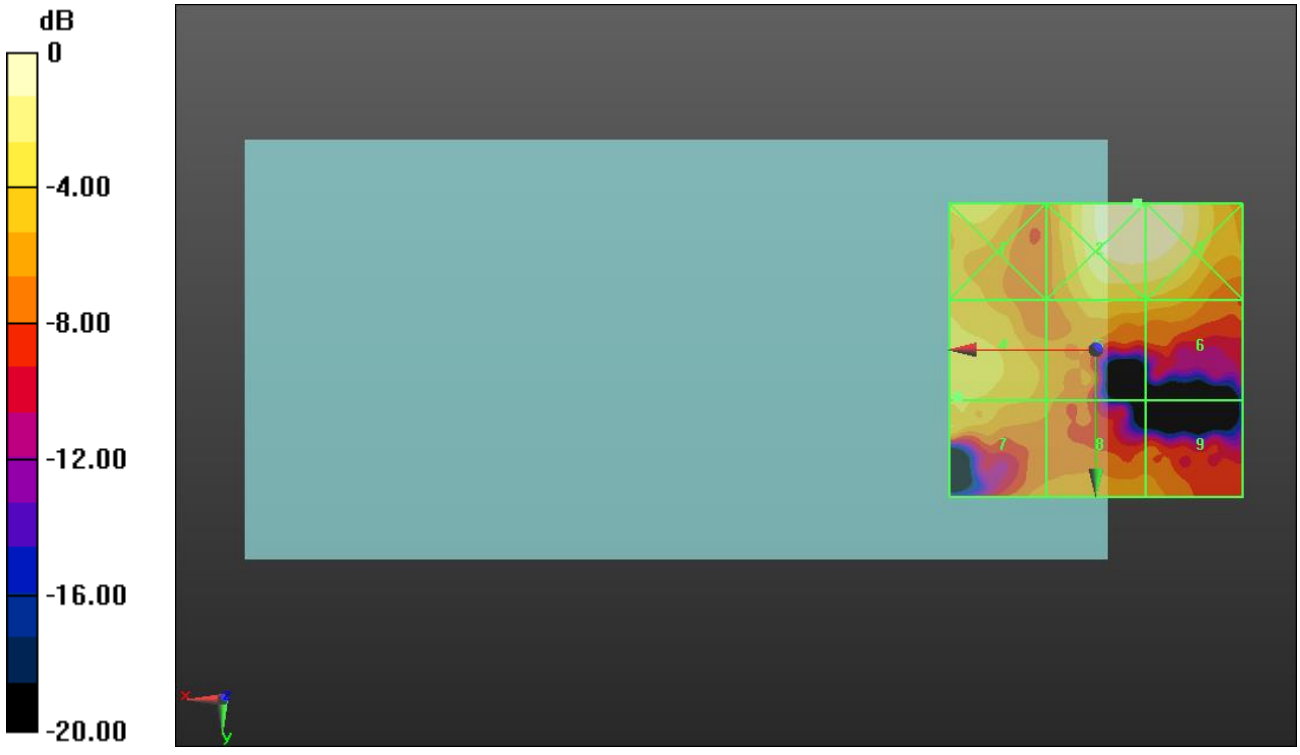
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5260 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4040; ConvF(1, 1, 1) @ 5260 MHz; Calibrated: 3/3/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 3.822 V/m; Power Drift = 0.85 dB
Applied MIF = -5.82 dB
RF audio interference level = 7.97 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **8.49 dBV/m**	Grid 2 **M4** **11.06 dBV/m**	Grid 3 **M4** **11 dBV/m**
Grid 4 **M4** **7.97 dBV/m**	Grid 5 **M4** **7.26 dBV/m**	Grid 6 **M4** **6.84 dBV/m**
Grid 7 **M4** **7.88 dBV/m**	Grid 8 **M4** **5.65 dBV/m**	Grid 9 **M4** **4.94 dBV/m**



0 dB = 3.574 V/m = 11.06 dBV/m

HAC-RF Emission

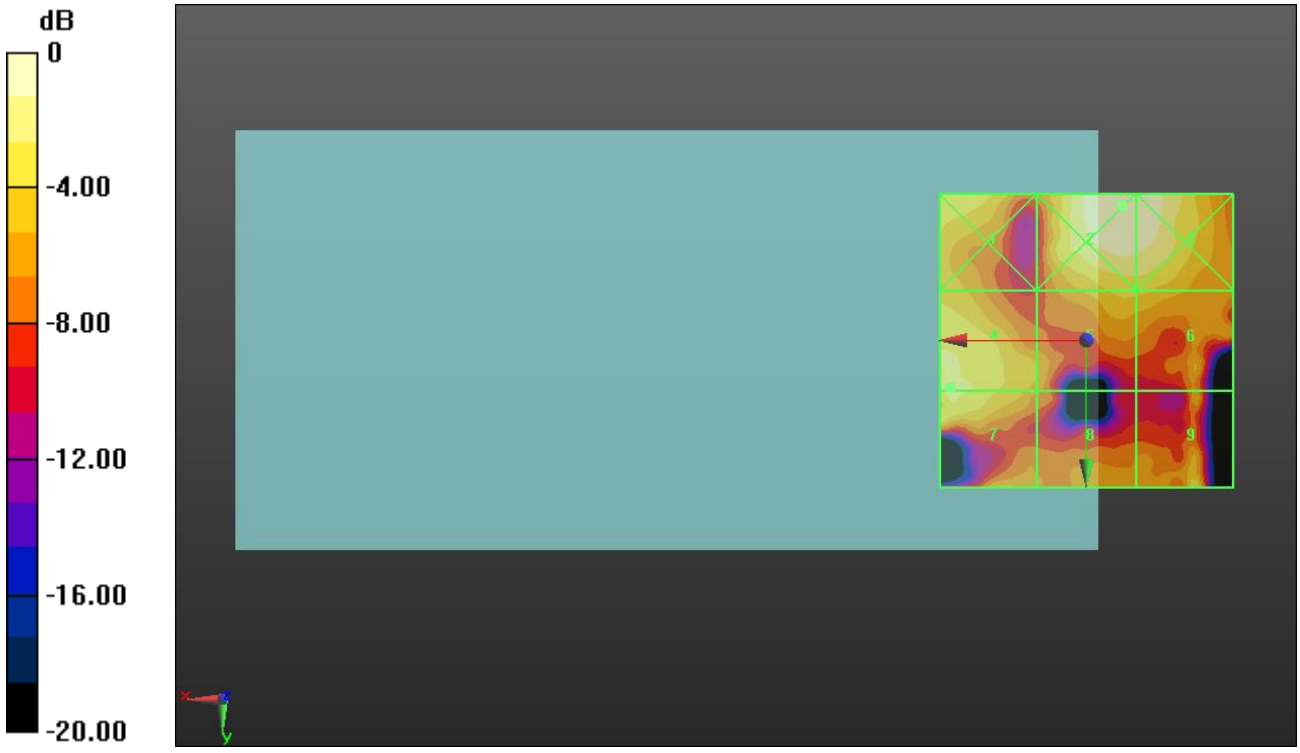
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5280 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4040; ConvF(1, 1, 1) @ 5280 MHz; Calibrated: 3/3/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 3.353 V/m; Power Drift = 0.00 dB
Applied MIF = -5.82 dB
RF audio interference level = 8.11 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **7.22 dBV/m**	Grid 2 **M4** **9.97 dBV/m**	Grid 3 **M4** **9.93 dBV/m**
Grid 4 **M4** **8.11 dBV/m**	Grid 5 **M4** **6.4 dBV/m**	Grid 6 **M4** **6.36 dBV/m**
Grid 7 **M4** **8.09 dBV/m**	Grid 8 **M4** **4.28 dBV/m**	Grid 9 **M4** **7.42 dBV/m**



0 dB = 3.152 V/m = 9.97 dBV/m

HAC-RF Emission

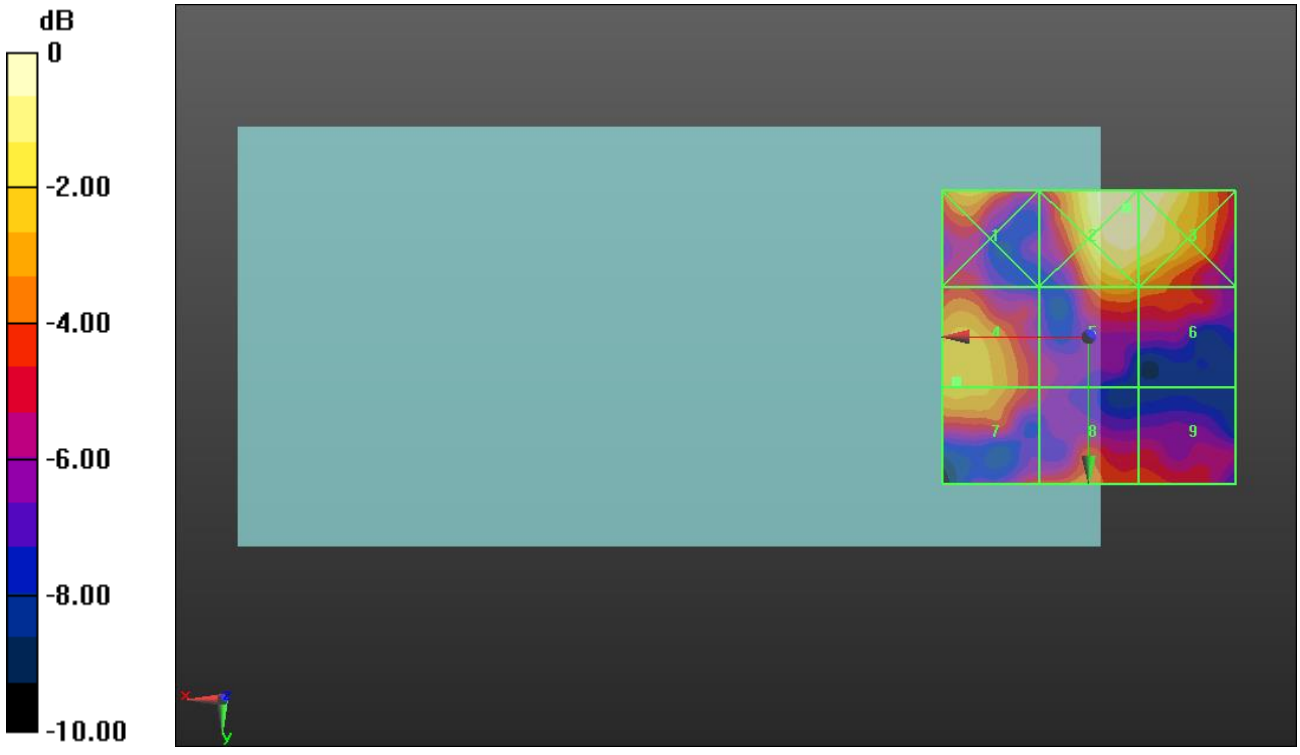
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5300 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4040; ConvF(1, 1, 1) @ 5300 MHz; Calibrated: 3/3/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 2.046 V/m; Power Drift = 1.20 dB
Applied MIF = -5.82 dB
RF audio interference level = 7.21 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **7.17 dBV/m**	Grid 2 **M4** **9.33 dBV/m**	Grid 3 **M4** **9.27 dBV/m**
Grid 4 **M4** **7.21 dBV/m**	Grid 5 **M4** **6.74 dBV/m**	Grid 6 **M4** **6.07 dBV/m**
Grid 7 **M4** **7.17 dBV/m**	Grid 8 **M4** **5.9 dBV/m**	Grid 9 **M4** **5.18 dBV/m**



0 dB = 2.928 V/m = 9.33 dBV/m

HAC-RF Emission

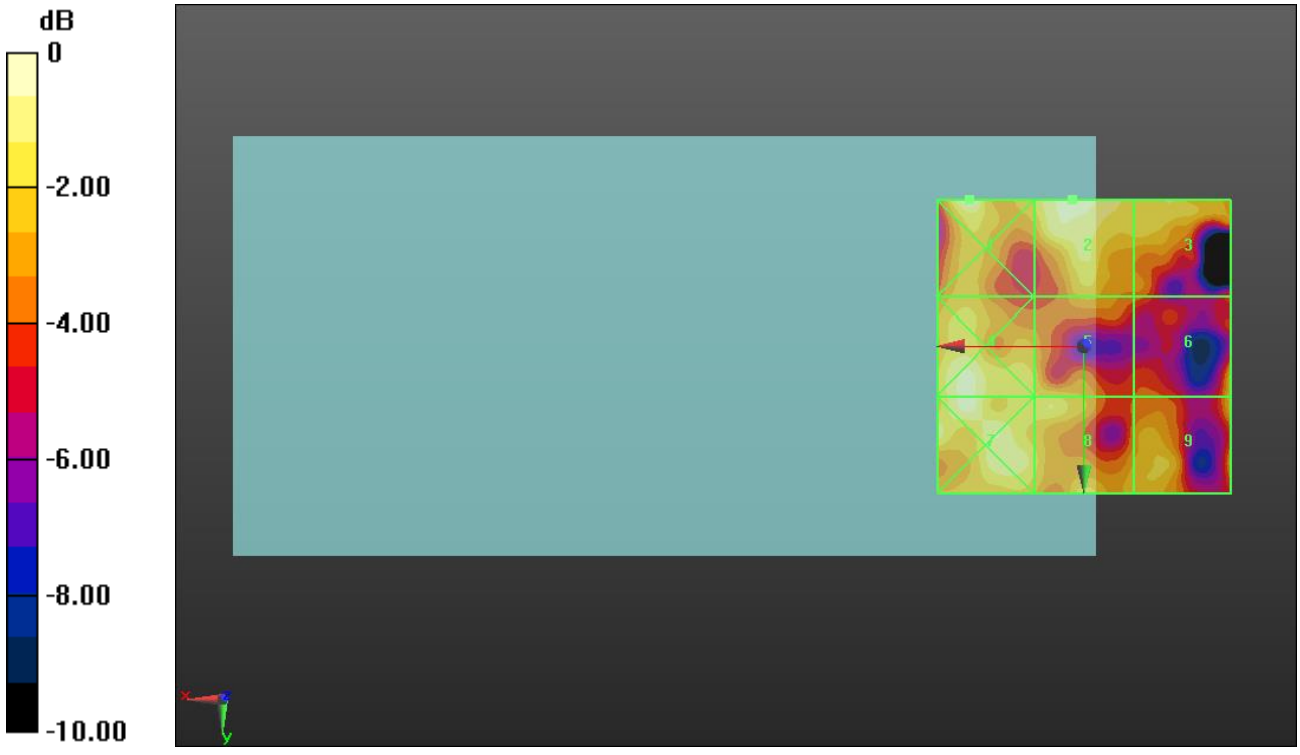
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5520 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4040; ConvF(1, 1, 1) @ 5520 MHz; Calibrated: 3/3/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 2.048 V/m; Power Drift = -1.12 dB
Applied MIF = -5.82 dB
RF audio interference level = 4.20 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **4.58 dBV/m**	Grid 2 **M4** **4.2 dBV/m**	Grid 3 **M4** **3.4 dBV/m**
Grid 4 **M4** **4.17 dBV/m**	Grid 5 **M4** **2.73 dBV/m**	Grid 6 **M4** **2.89 dBV/m**
Grid 7 **M4** **4.23 dBV/m**	Grid 8 **M4** **3.28 dBV/m**	Grid 9 **M4** **2.81 dBV/m**



0 dB = 1.695 V/m = 4.58 dBV/m

HAC-RF Emission

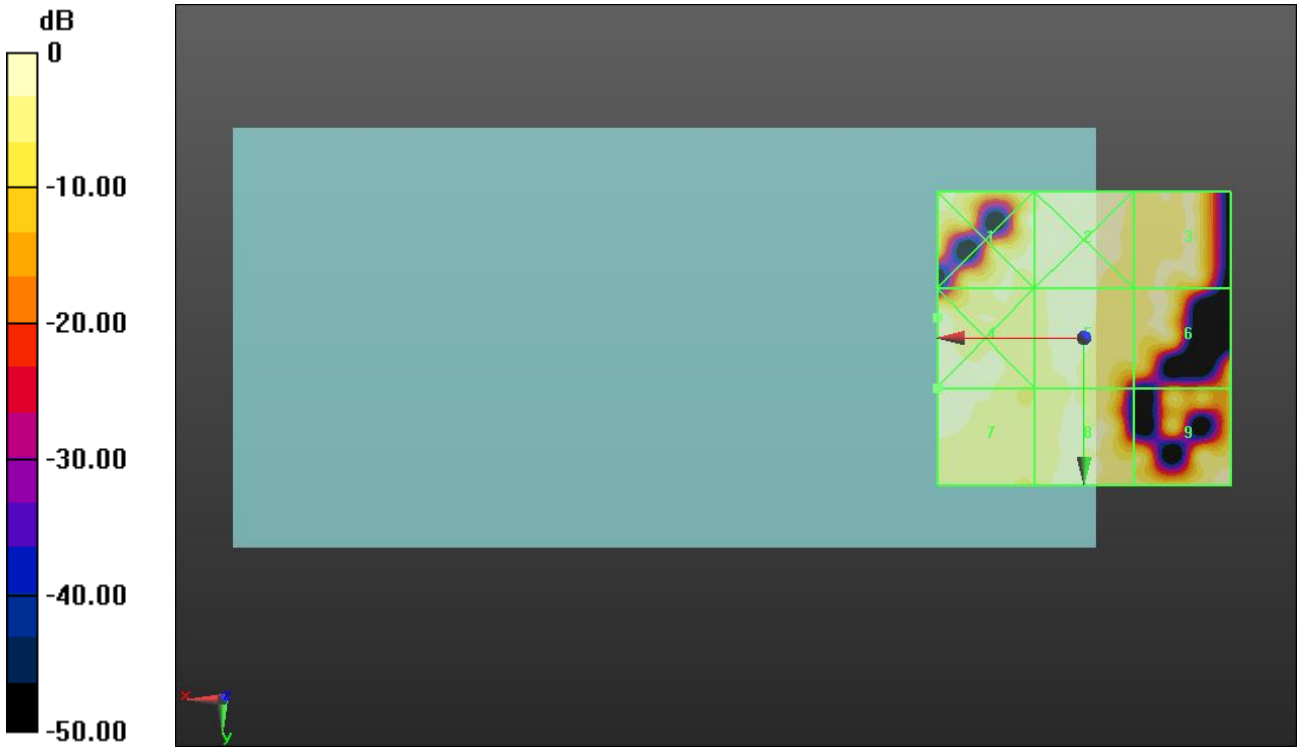
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5620 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4040; ConvF(1, 1, 1) @ 5620 MHz; Calibrated: 3/3/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 3.019 V/m; Power Drift = -0.35 dB
Applied MIF = -5.82 dB
RF audio interference level = 5.62 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **5.04 dBV/m**	Grid 2 **M4** **5.9 dBV/m**	Grid 3 **M4** **5.22 dBV/m**
Grid 4 **M4** **6.78 dBV/m**	Grid 5 **M4** **4.36 dBV/m**	Grid 6 **M4** **4.94 dBV/m**
Grid 7 **M4** **5.62 dBV/m**	Grid 8 **M4** **4.86 dBV/m**	Grid 9 **M4** **4.07 dBV/m**



0 dB = 2.182 V/m = 6.78 dBV/m

HAC-RF Emission

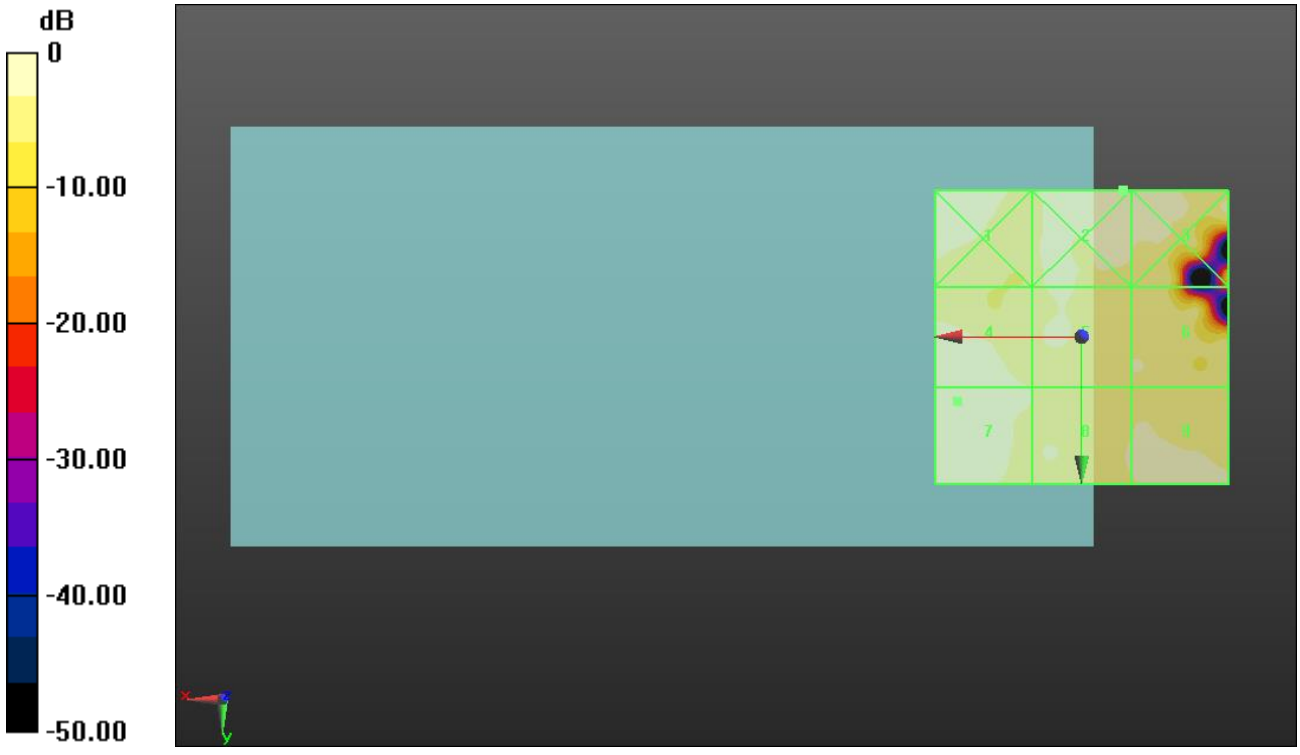
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5720 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4040; ConvF(1, 1, 1) @ 5720 MHz; Calibrated: 3/3/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 4.132 V/m; Power Drift = -0.86 dB
Applied MIF = -5.82 dB
RF audio interference level = 6.80 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **6.71 dBV/m**	Grid 2 **M4** **7.09 dBV/m**	Grid 3 **M4** **6.98 dBV/m**
Grid 4 **M4** **6.7 dBV/m**	Grid 5 **M4** **4.36 dBV/m**	Grid 6 **M4** **3.98 dBV/m**
Grid 7 **M4** **6.8 dBV/m**	Grid 8 **M4** **4.46 dBV/m**	Grid 9 **M4** **5 dBV/m**



0 dB = 2.261 V/m = 7.09 dBV/m

HAC-RF Emission

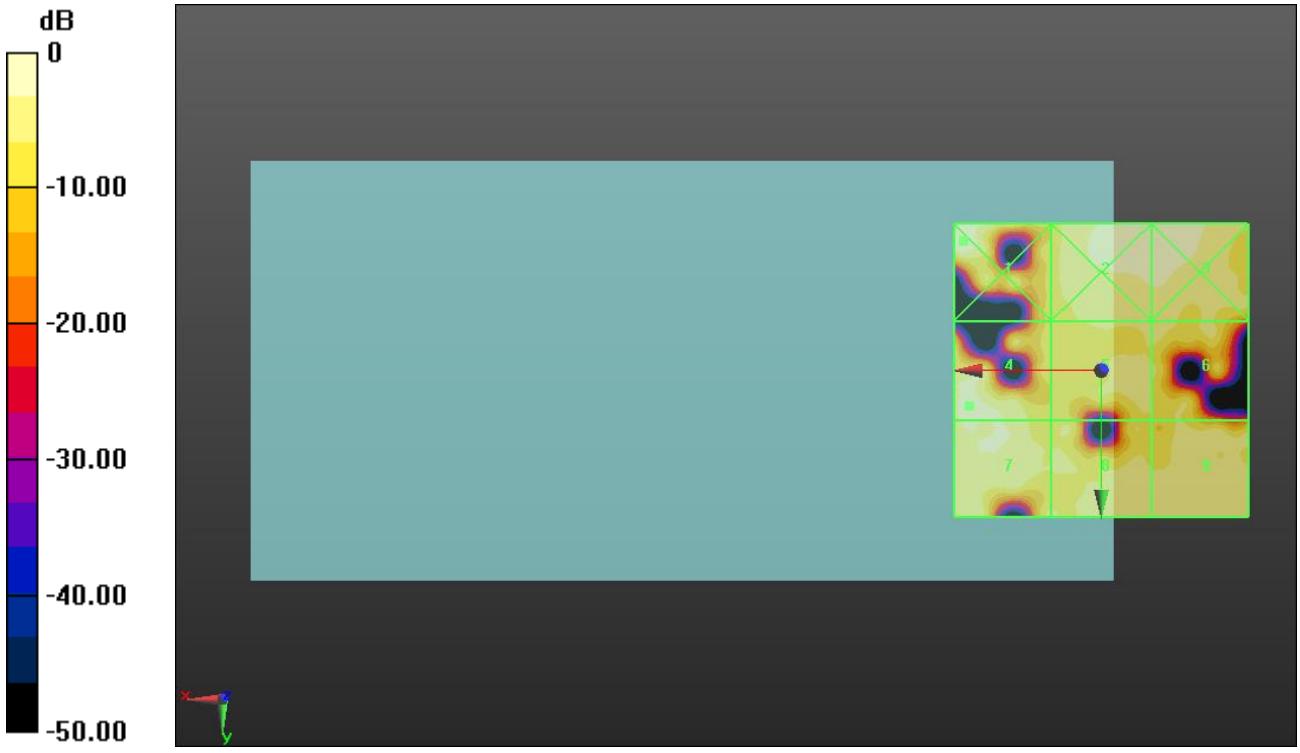
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5745 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4040; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 3/3/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 3.705 V/m; Power Drift = -0.16 dB
Applied MIF = -5.82 dB
RF audio interference level = 7.44 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **9.24 dBV/m**	Grid 2 **M4** **8.74 dBV/m**	Grid 3 **M4** **8.74 dBV/m**
Grid 4 **M4** **7.44 dBV/m**	Grid 5 **M4** **4.23 dBV/m**	Grid 6 **M4** **3.87 dBV/m**
Grid 7 **M4** **6.43 dBV/m**	Grid 8 **M4** **5.42 dBV/m**	Grid 9 **M4** **5.81 dBV/m**



0 dB = 2.899 V/m = 9.24 dBV/m

HAC-RF Emission

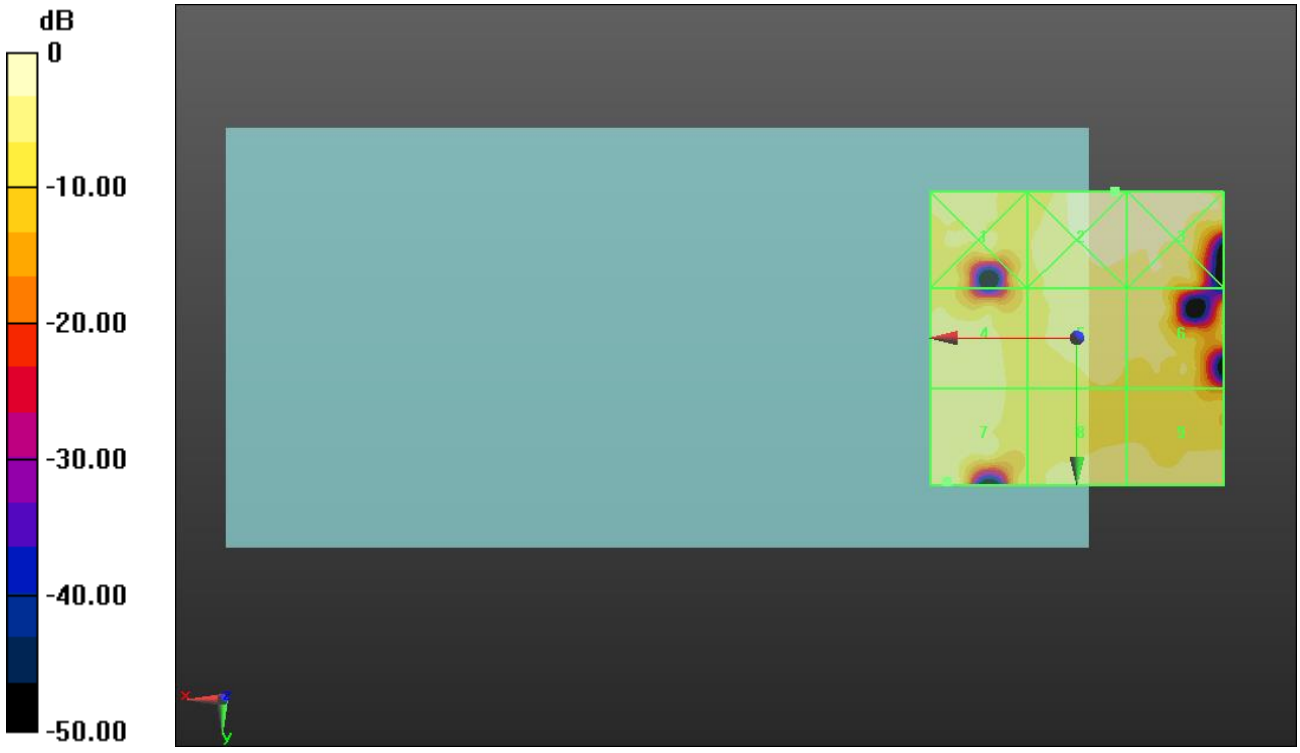
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5785 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4040; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 3/3/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 3.857 V/m; Power Drift = -0.40 dB
Applied MIF = -5.82 dB
RF audio interference level = 5.96 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **6.08 dBV/m**	Grid 2 **M4** **9.38 dBV/m**	Grid 3 **M4** **9.26 dBV/m**
Grid 4 **M4** **5.7 dBV/m**	Grid 5 **M4** **5.24 dBV/m**	Grid 6 **M4** **4.9 dBV/m**
Grid 7 **M4** **5.96 dBV/m**	Grid 8 **M4** **5.16 dBV/m**	Grid 9 **M4** **5.18 dBV/m**



0 dB = 2.945 V/m = 9.38 dBV/m

HAC-RF Emission

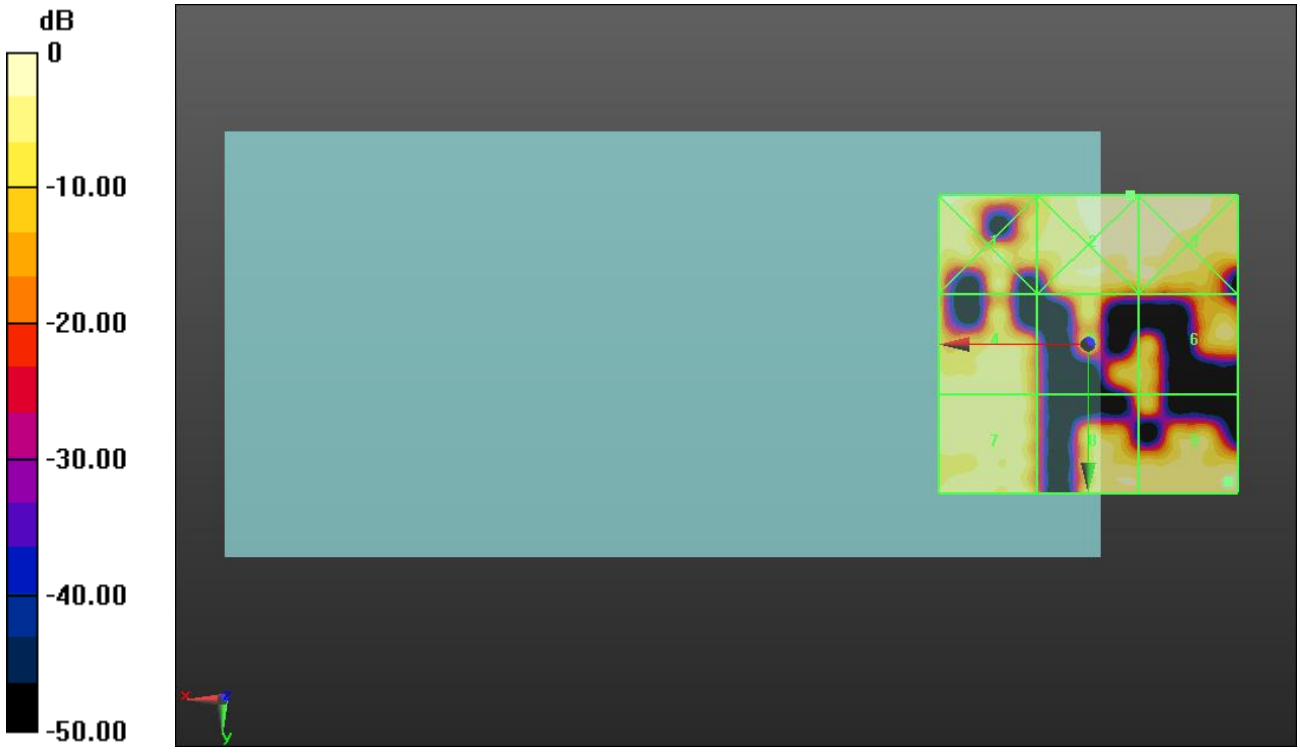
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5825 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4040; ConvF(1, 1, 1) @ 5825 MHz; Calibrated: 3/3/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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 = 2.885 V/m; Power Drift = -1.99 dB
Applied MIF = -5.82 dB
RF audio interference level = 5.43 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **6.6 dBV/m**	Grid 2 **M4** **8.25 dBV/m**	Grid 3 **M4** **8.22 dBV/m**
Grid 4 **M4** **4.4 dBV/m**	Grid 5 **M4** **1.84 dBV/m**	Grid 6 **M4** **3.7 dBV/m**
Grid 7 **M4** **4.9 dBV/m**	Grid 8 **M4** **5.25 dBV/m**	Grid 9 **M4** **5.43 dBV/m**



0 dB = 2.584 V/m = 8.25 dBV/m

HAC-RF Emission

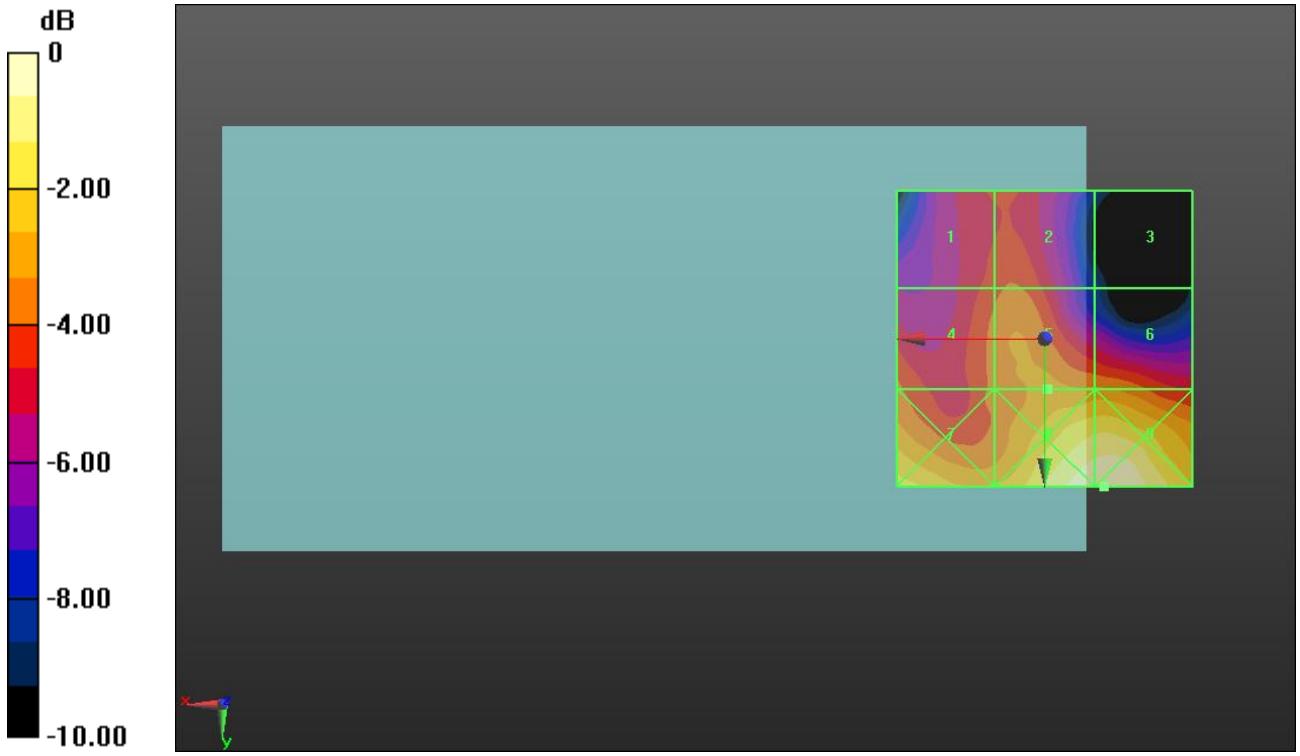
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 9.213 V/m; Power Drift = 0.12 dB
Applied MIF = -1.44 dB
RF audio interference level = 16.47 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.32 dBV/m**	Grid 2 **M4** **15.68 dBV/m**	Grid 3 **M4** **11.32 dBV/m**
Grid 4 **M4** **15.84 dBV/m**	Grid 5 **M4** **16.47 dBV/m**	Grid 6 **M4** **16.37 dBV/m**
Grid 7 **M4** **17.9 dBV/m**	Grid 8 **M4** **19.52 dBV/m**	Grid 9 **M4** **19.57 dBV/m**



0 dB = 9.519 V/m = 19.57 dBV/m

HAC-RF Emission

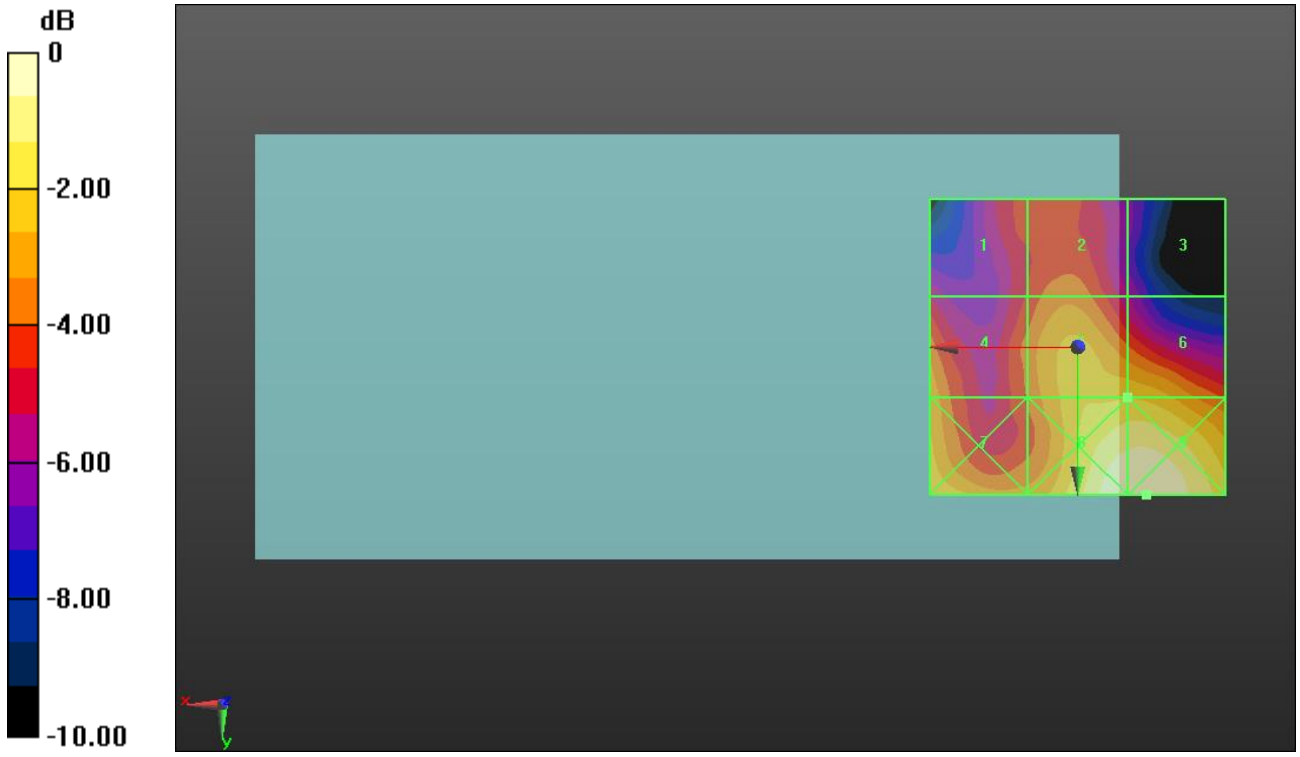
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 10.98 V/m; Power Drift = -0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 17.74 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.44 dBV/m**	Grid 2 **M4** **16.28 dBV/m**	Grid 3 **M4** **13.87 dBV/m**
Grid 4 **M4** **17.07 dBV/m**	Grid 5 **M4** **17.74 dBV/m**	Grid 6 **M4** **17.74 dBV/m**
Grid 7 **M4** **17.8 dBV/m**	Grid 8 **M4** **19.7 dBV/m**	Grid 9 **M4** **19.77 dBV/m**



0 dB = 9.737 V/m = 19.77 dBV/m

HAC-RF Emission

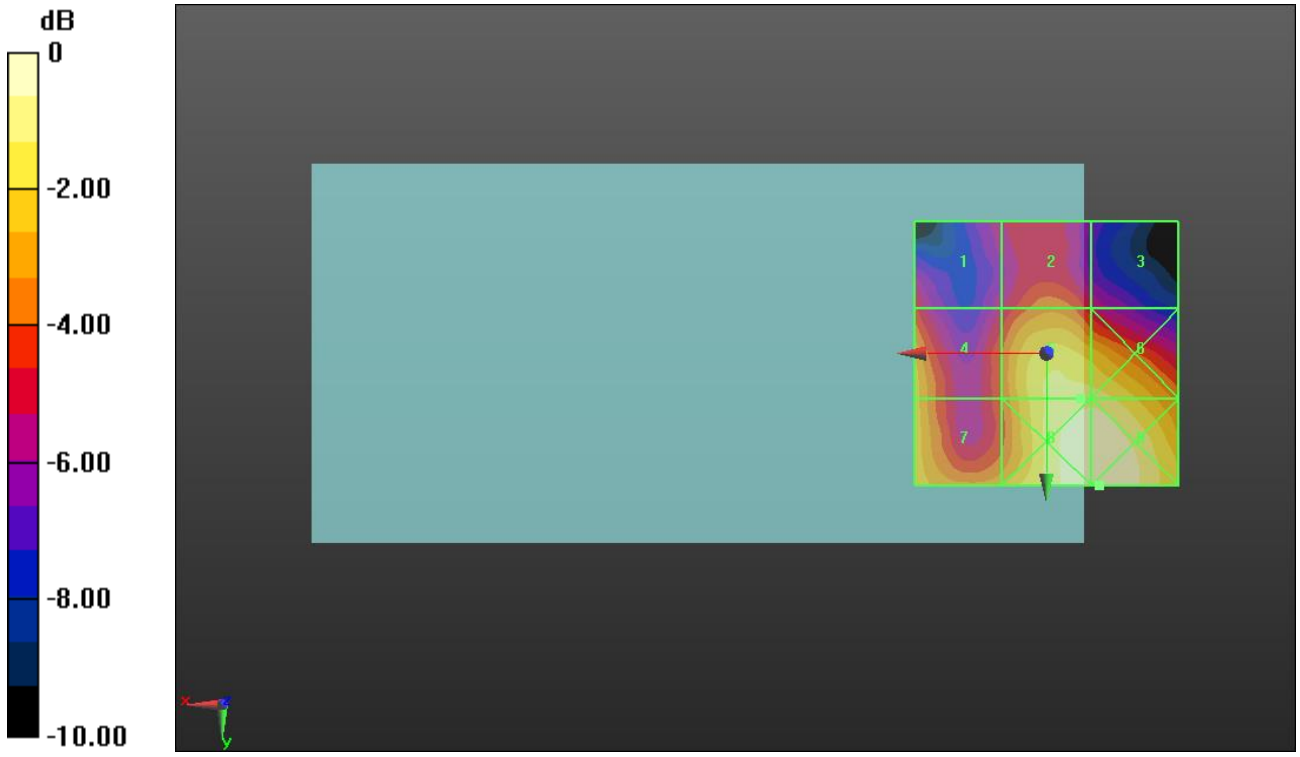
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 12.07 V/m; Power Drift = -0.06 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.02 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.48 dBV/m**	Grid 2 **M4** **16.46 dBV/m**	Grid 3 **M4** **14.81 dBV/m**
Grid 4 **M4** **17.81 dBV/m**	Grid 5 **M4** **19.02 dBV/m**	Grid 6 **M4** **19 dBV/m**
Grid 7 **M4** **17.88 dBV/m**	Grid 8 **M4** **19.91 dBV/m**	Grid 9 **M4** **19.94 dBV/m**



0 dB = 9.933 V/m = 19.94 dBV/m

HAC-RF Emission

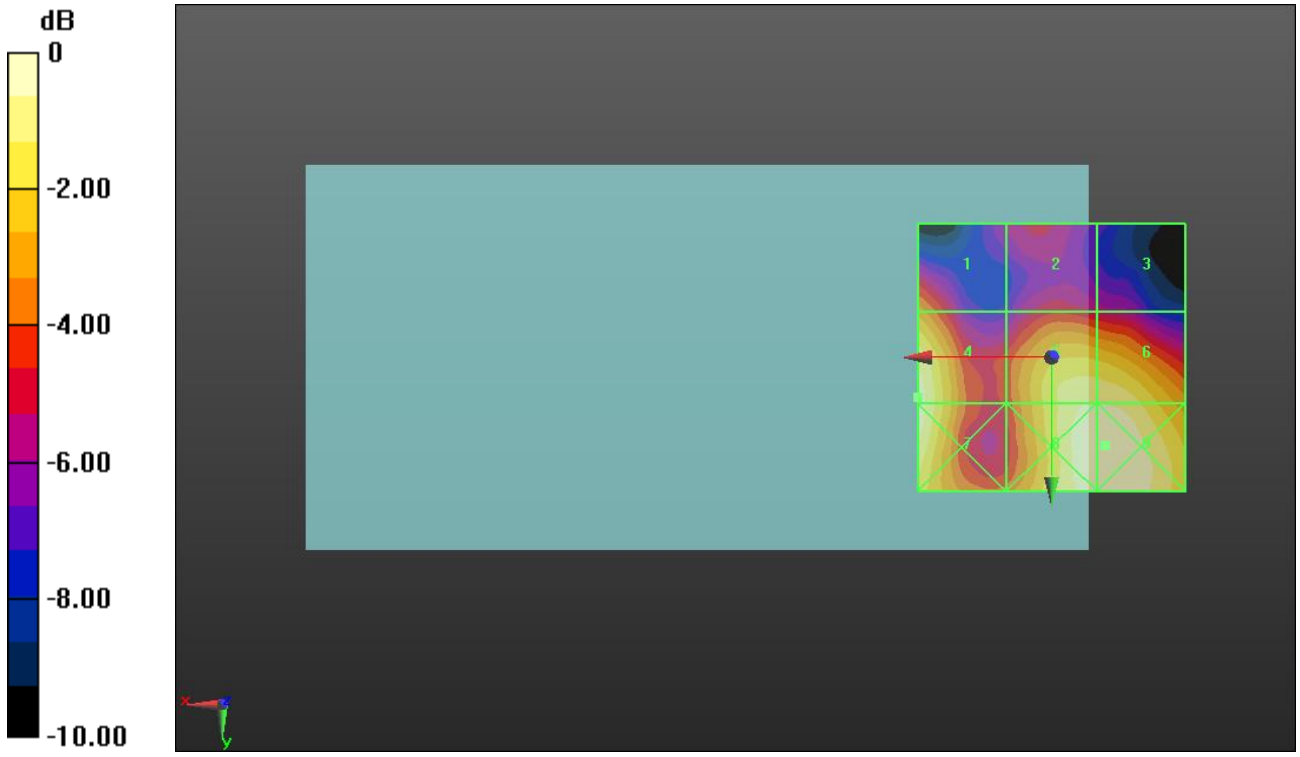
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 11.32 V/m; Power Drift = -0.06 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.54 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.91 dBV/m**	Grid 2 **M4** **15.06 dBV/m**	Grid 3 **M4** **14.35 dBV/m**
Grid 4 **M4** **19.54 dBV/m**	Grid 5 **M4** **19.1 dBV/m**	Grid 6 **M4** **19.09 dBV/m**
Grid 7 **M4** **19.53 dBV/m**	Grid 8 **M4** **19.7 dBV/m**	Grid 9 **M4** **19.75 dBV/m**



0 dB = 9.714 V/m = 19.75 dBV/m

HAC-RF Emission

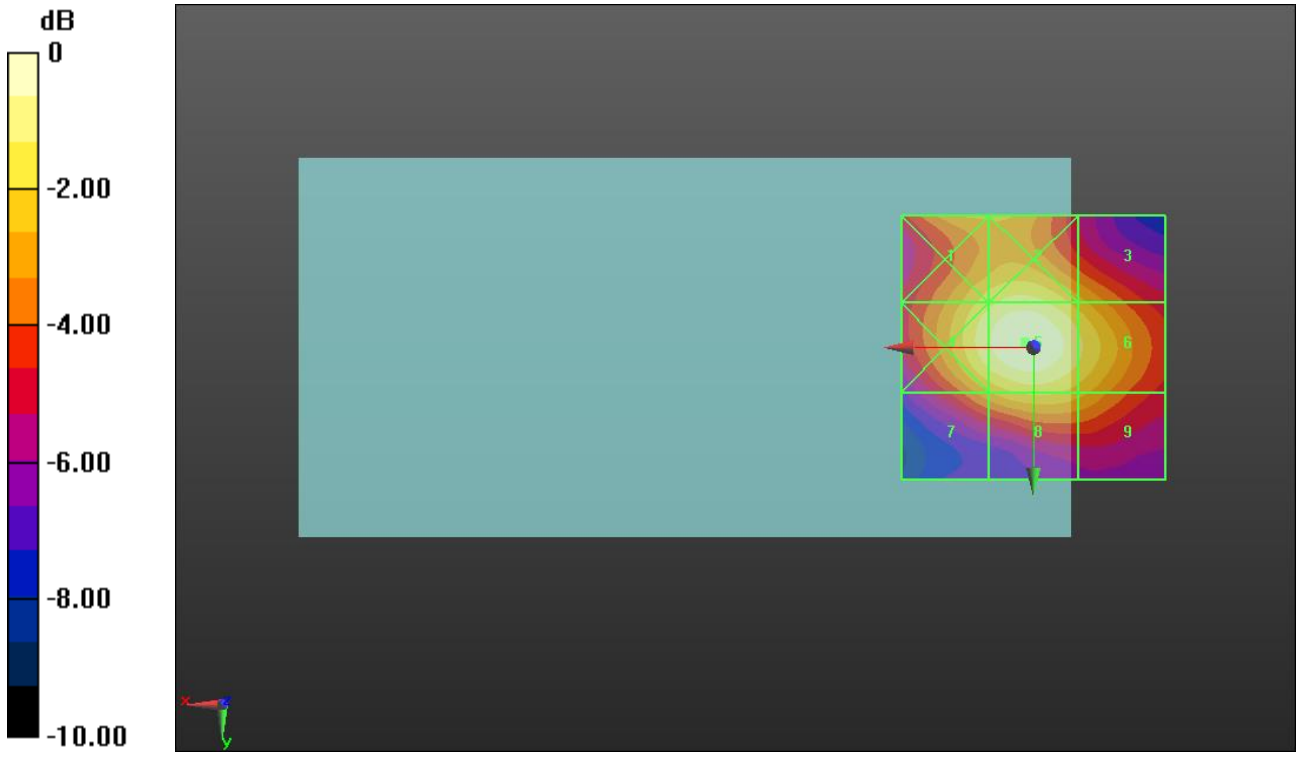
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 34.06 V/m; Power Drift = 0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.32 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.76 dBV/m**	Grid 2 **M4** **24.33 dBV/m**	Grid 3 **M4** **23 dBV/m**
Grid 4 **M4** **24.58 dBV/m**	Grid 5 **M4** **25.32 dBV/m**	Grid 6 **M4** **24.15 dBV/m**
Grid 7 **M4** **22.59 dBV/m**	Grid 8 **M4** **23.51 dBV/m**	Grid 9 **M4** **22.94 dBV/m**



0 dB = 18.44 V/m = 25.32 dBV/m

HAC-RF Emission

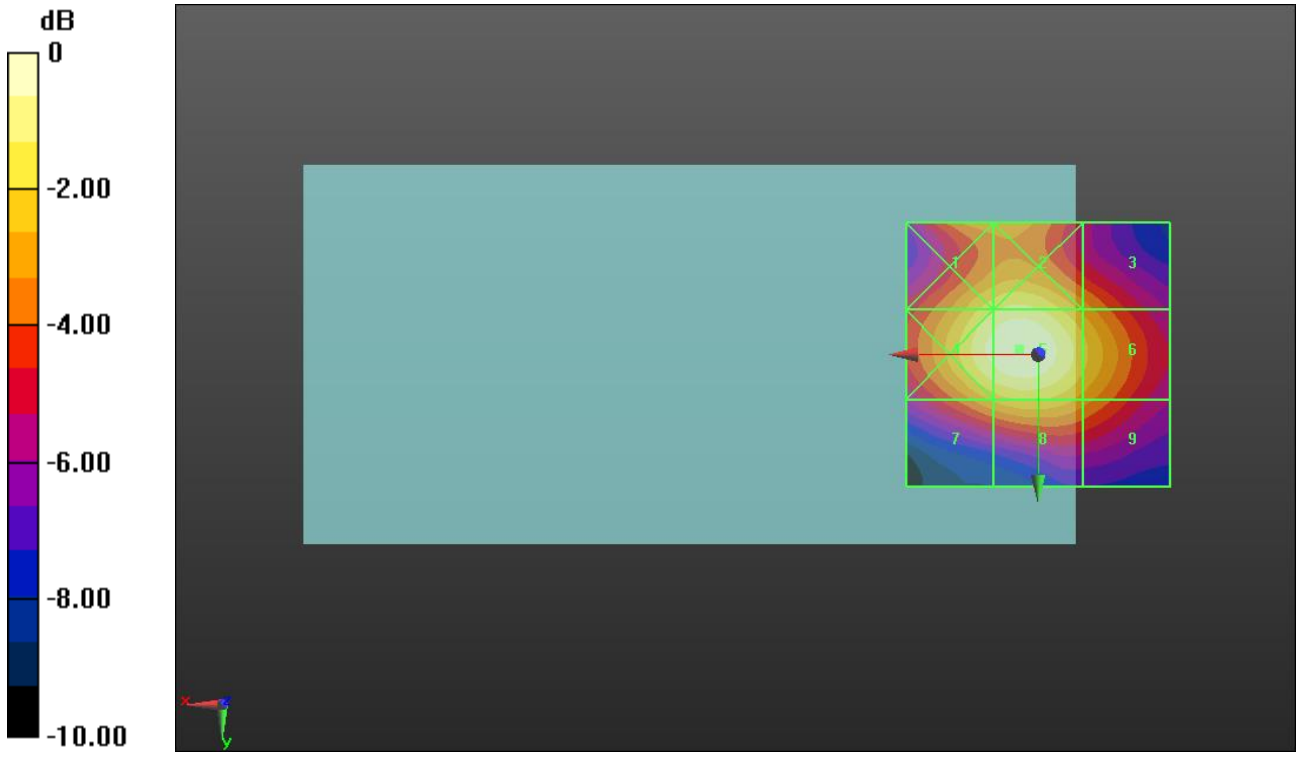
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 34.15 V/m; Power Drift = -0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.68 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.2 dBV/m**	Grid 2 **M4** **24.62 dBV/m**	Grid 3 **M4** **22.81 dBV/m**
Grid 4 **M4** **25.28 dBV/m**	Grid 5 **M4** **25.68 dBV/m**	Grid 6 **M4** **23.9 dBV/m**
Grid 7 **M4** **23.19 dBV/m**	Grid 8 **M4** **23.76 dBV/m**	Grid 9 **M4** **22.71 dBV/m**



0 dB = 19.22 V/m = 25.68 dBV/m

HAC-RF Emission

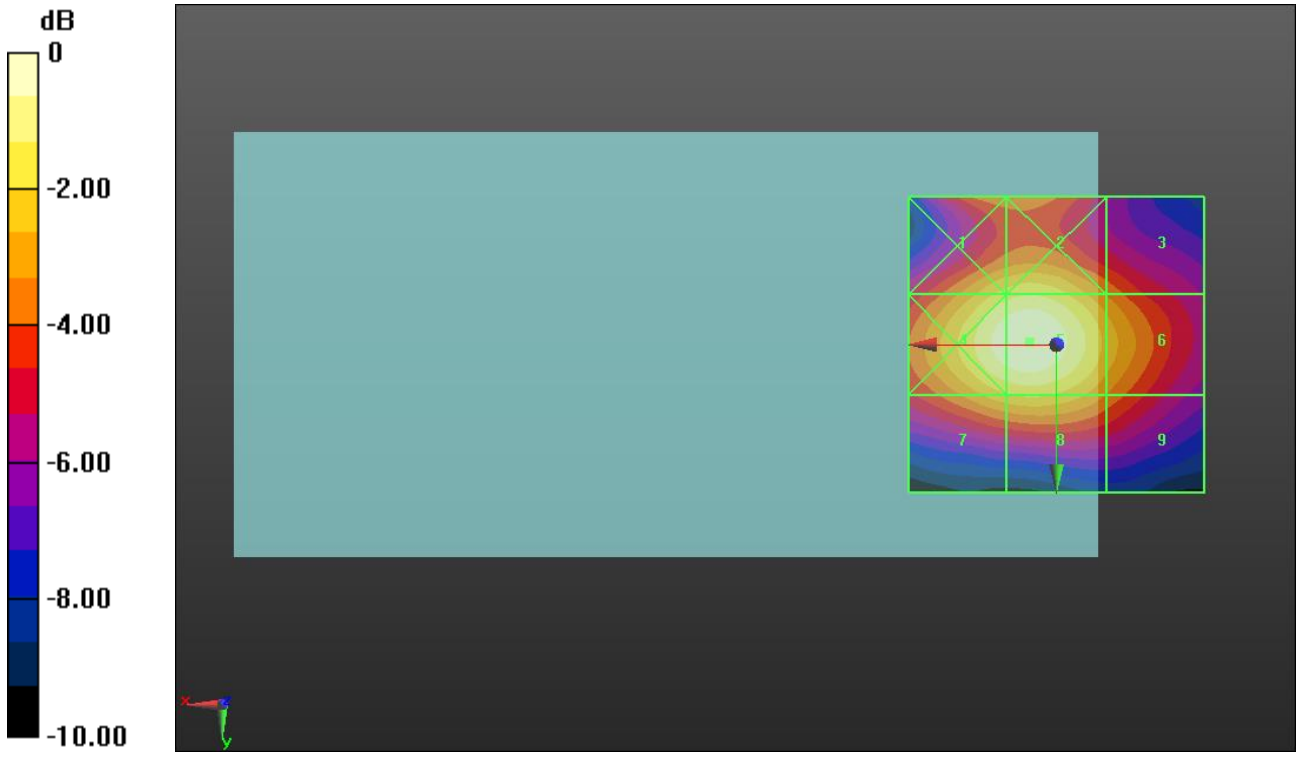
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 33.16 V/m; Power Drift = -0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.75 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.11 dBV/m**	Grid 2 **M4** **24.39 dBV/m**	Grid 3 **M4** **22.36 dBV/m**
Grid 4 **M4** **25.51 dBV/m**	Grid 5 **M4** **25.75 dBV/m**	Grid 6 **M4** **23.53 dBV/m**
Grid 7 **M4** **23.66 dBV/m**	Grid 8 **M4** **23.89 dBV/m**	Grid 9 **M4** **22.36 dBV/m**



0 dB = 19.38 V/m = 25.75 dBV/m

HAC-RF Emission

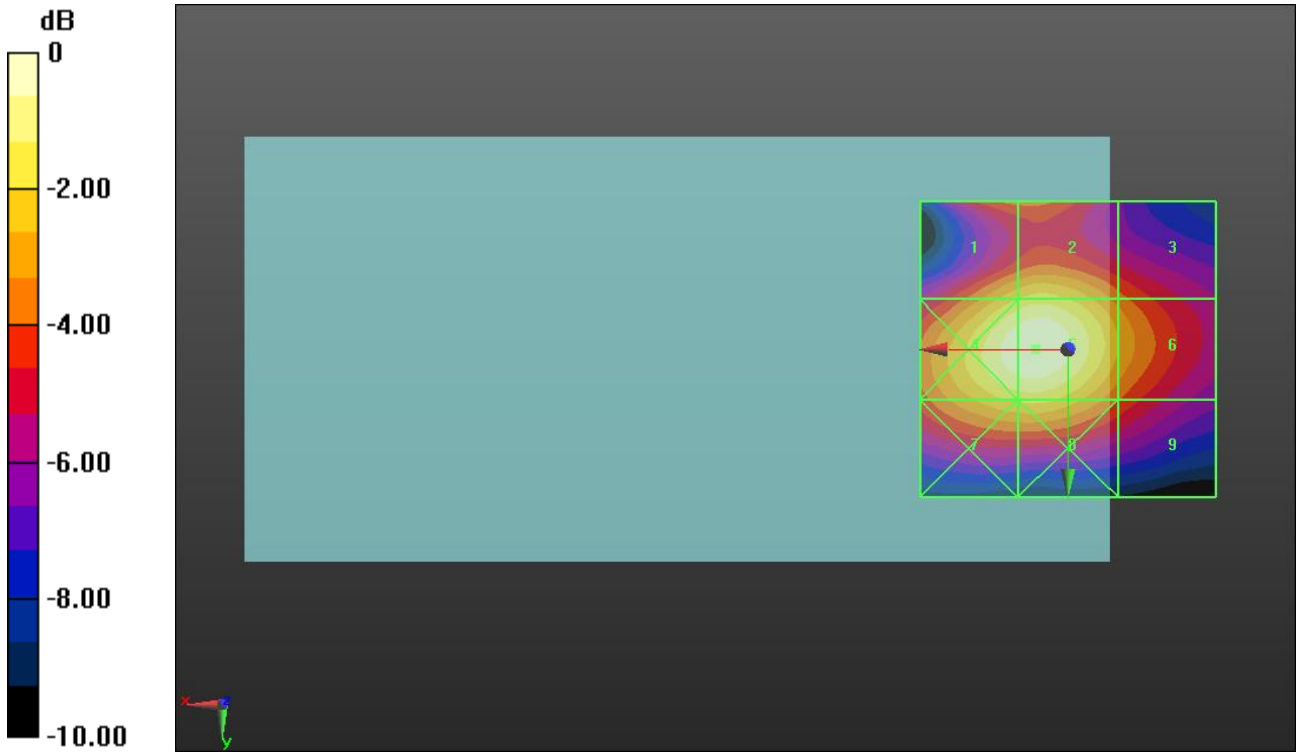
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 34.43 V/m; Power Drift = 0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 26.39 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.41 dBV/m**	Grid 2 **M4** **24.77 dBV/m**	Grid 3 **M4** **22.77 dBV/m**
Grid 4 **M4** **26.18 dBV/m**	Grid 5 **M4** **26.39 dBV/m**	Grid 6 **M4** **23.73 dBV/m**
Grid 7 **M4** **24.55 dBV/m**	Grid 8 **M4** **24.66 dBV/m**	Grid 9 **M4** **22.46 dBV/m**



0 dB = 20.87 V/m = 26.39 dBV/m

HAC-RF Emission

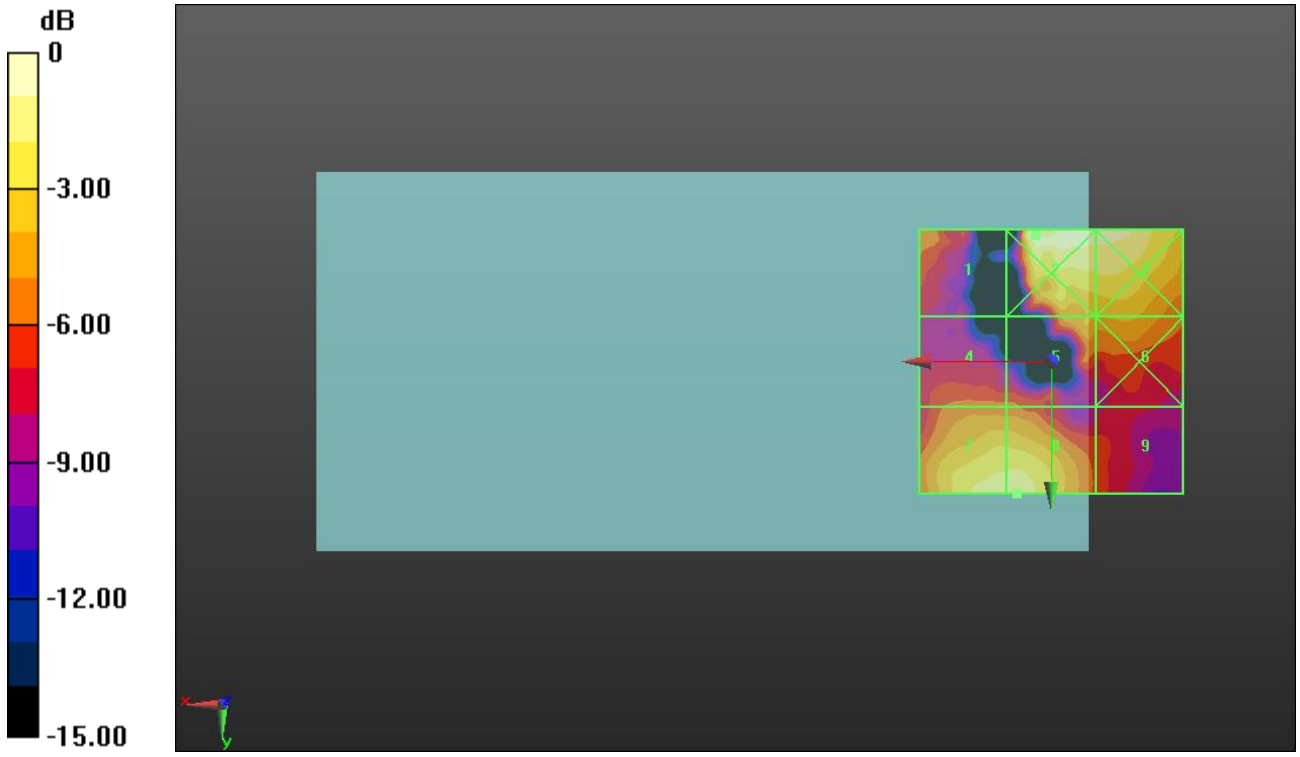
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 1.952 V/m; Power Drift = 3.00 dB
Applied MIF = -1.44 dB
RF audio interference level = 14.77 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **11.13 dBV/m**	Grid 2 **M4** **16.08 dBV/m**	Grid 3 **M4** **15.42 dBV/m**
Grid 4 **M4** **10.57 dBV/m**	Grid 5 **M4** **12.18 dBV/m**	Grid 6 **M4** **12.34 dBV/m**
Grid 7 **M4** **14.64 dBV/m**	Grid 8 **M4** **14.77 dBV/m**	Grid 9 **M4** **9.89 dBV/m**



0 dB = 6.371 V/m = 16.08 dBV/m

HAC-RF Emission

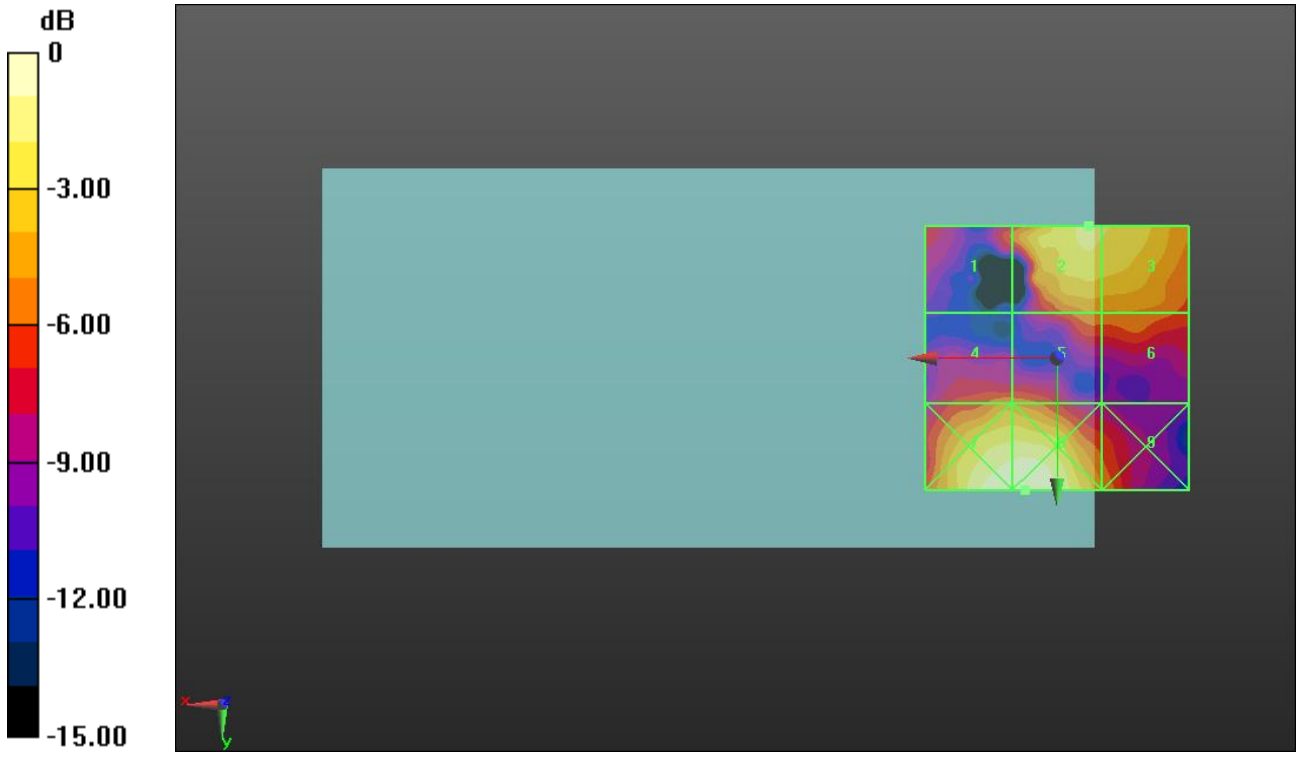
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 1.802 V/m; Power Drift = 0.48 dB
Applied MIF = -1.44 dB
RF audio interference level = 15.19 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **11.21 dBV/m**	Grid 2 **M4** **15.19 dBV/m**	Grid 3 **M4** **15.03 dBV/m**
Grid 4 **M4** **11.93 dBV/m**	Grid 5 **M4** **11.92 dBV/m**	Grid 6 **M4** **11.92 dBV/m**
Grid 7 **M4** **16.7 dBV/m**	Grid 8 **M4** **16.94 dBV/m**	Grid 9 **M4** **12.21 dBV/m**



0 dB = 7.034 V/m = 16.94 dBV/m

HAC-RF Emission

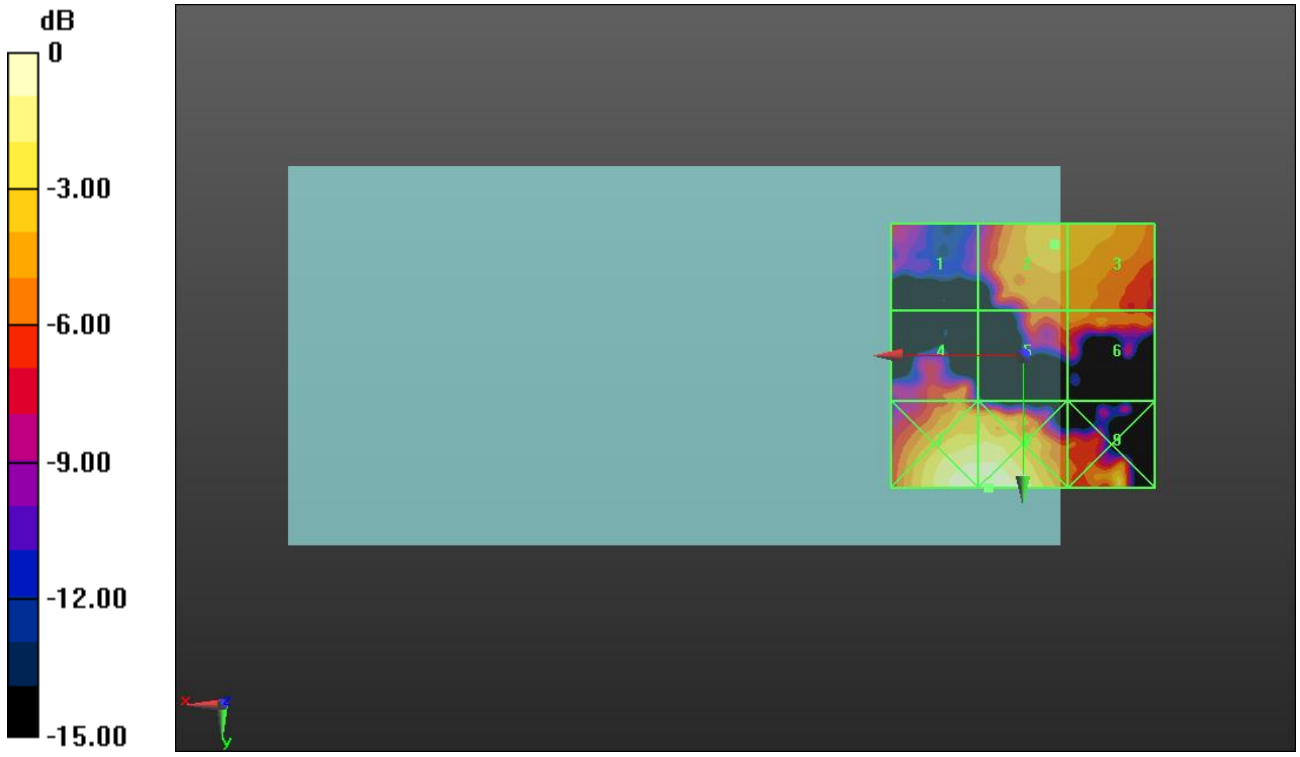
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 2.672 V/m; Power Drift = -0.43 dB
Applied MIF = -1.44 dB
RF audio interference level = 13.54 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **9.22 dBV/m**	Grid 2 **M4** **13.54 dBV/m**	Grid 3 **M4** **13.48 dBV/m**
Grid 4 **M4** **11.77 dBV/m**	Grid 5 **M4** **11.76 dBV/m**	Grid 6 **M4** **12.01 dBV/m**
Grid 7 **M4** **16.61 dBV/m**	Grid 8 **M4** **16.66 dBV/m**	Grid 9 **M4** **14.09 dBV/m**



0 dB = 6.811 V/m = 16.66 dBV/m

HAC-RF Emission

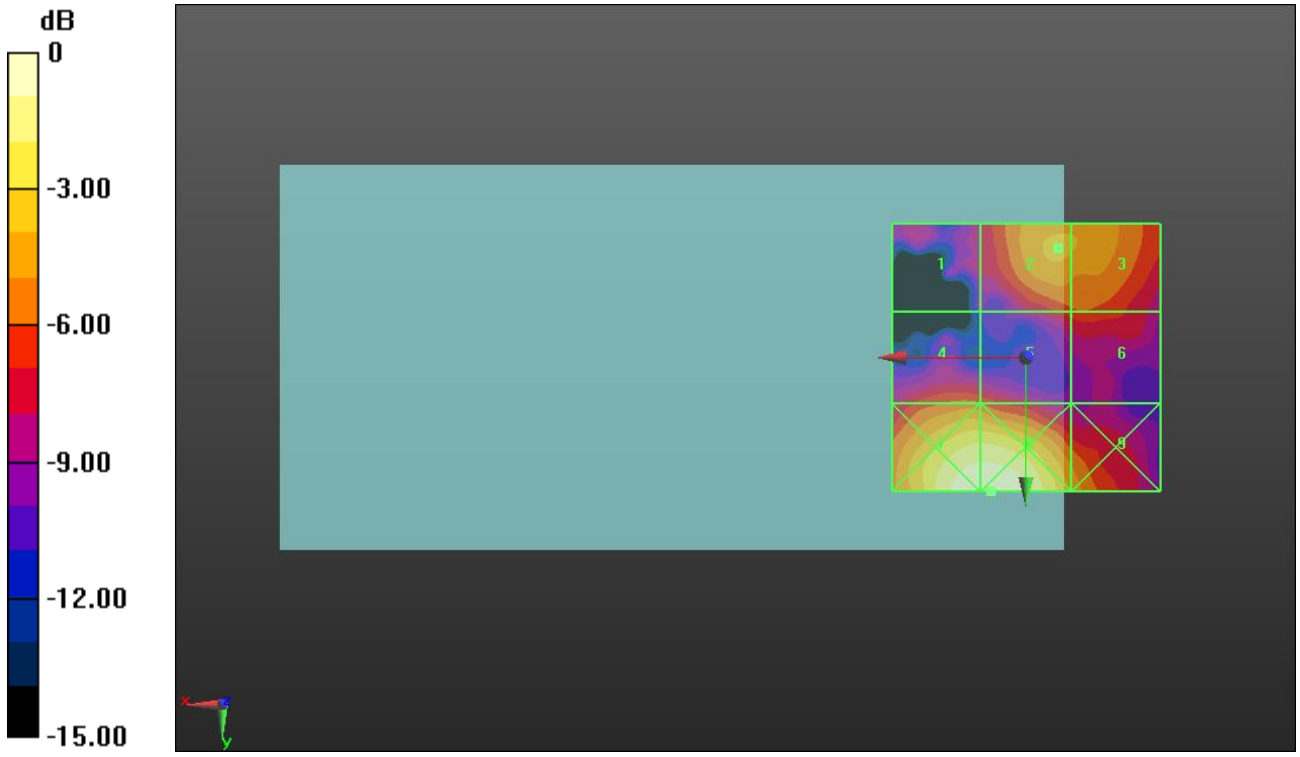
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 2.927 V/m; Power Drift = 0.79 dB
Applied MIF = -1.44 dB
RF audio interference level = 13.03 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **9.07 dBV/m**	Grid 2 **M4** **13.03 dBV/m**	Grid 3 **M4** **12.84 dBV/m**
Grid 4 **M4** **11.14 dBV/m**	Grid 5 **M4** **10.82 dBV/m**	Grid 6 **M4** **10.68 dBV/m**
Grid 7 **M4** **16.69 dBV/m**	Grid 8 **M4** **16.76 dBV/m**	Grid 9 **M4** **12.51 dBV/m**



0 dB = 6.884 V/m = 16.76 dBV/m