HAC-RF Emission

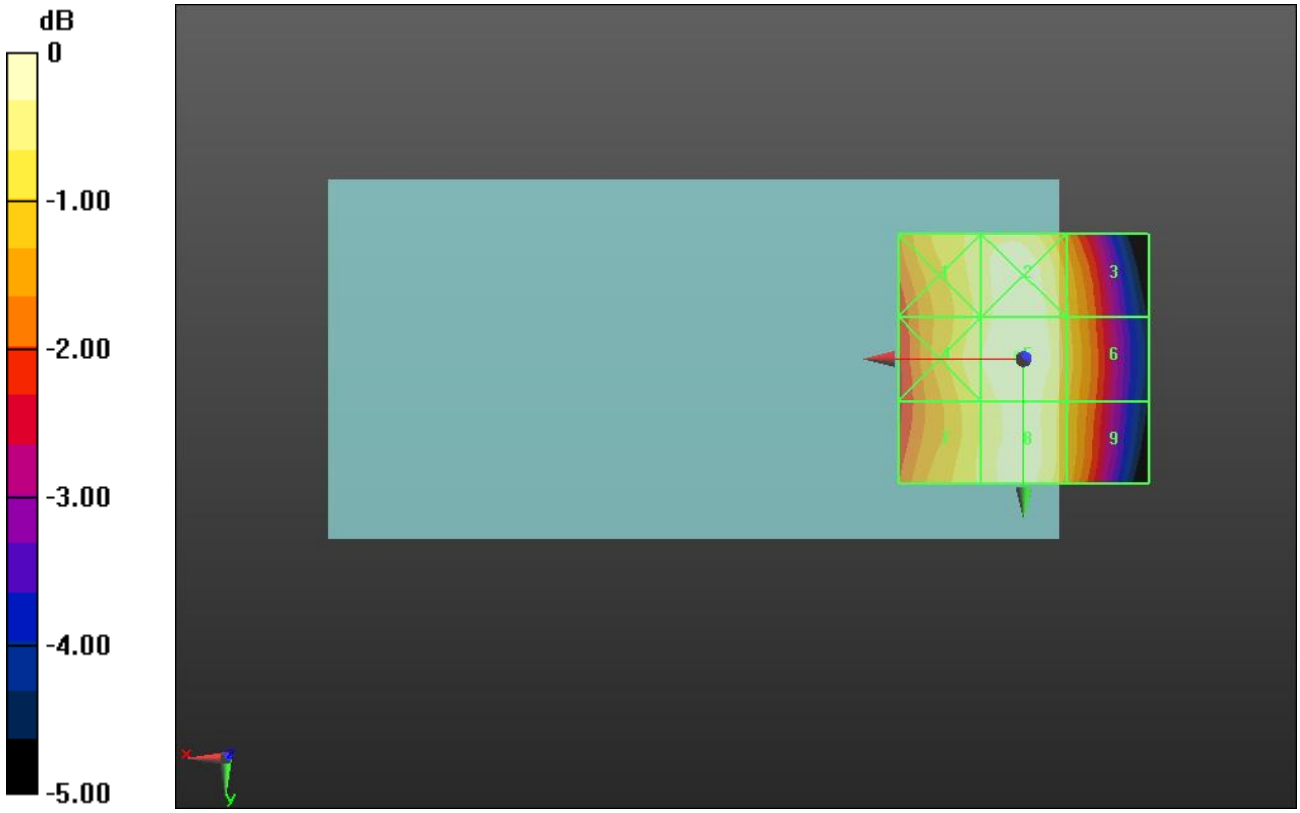
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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 = 49.14 V/m; Power Drift = 0.00 dB
Applied MIF = 3.63 dB
RF audio interference level = 34.86 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **34.41 dBV/m**	Grid 2 **M4** **34.76 dBV/m**	Grid 3 **M4** **33.99 dBV/m**
Grid 4 **M4** **34.53 dBV/m**	Grid 5 **M4** **34.86 dBV/m**	Grid 6 **M4** **34.11 dBV/m**
Grid 7 **M4** **34.28 dBV/m**	Grid 8 **M4** **34.7 dBV/m**	Grid 9 **M4** **33.96 dBV/m**



0 dB = 55.33 V/m = 34.86 dBV/m

HAC-RF Emission

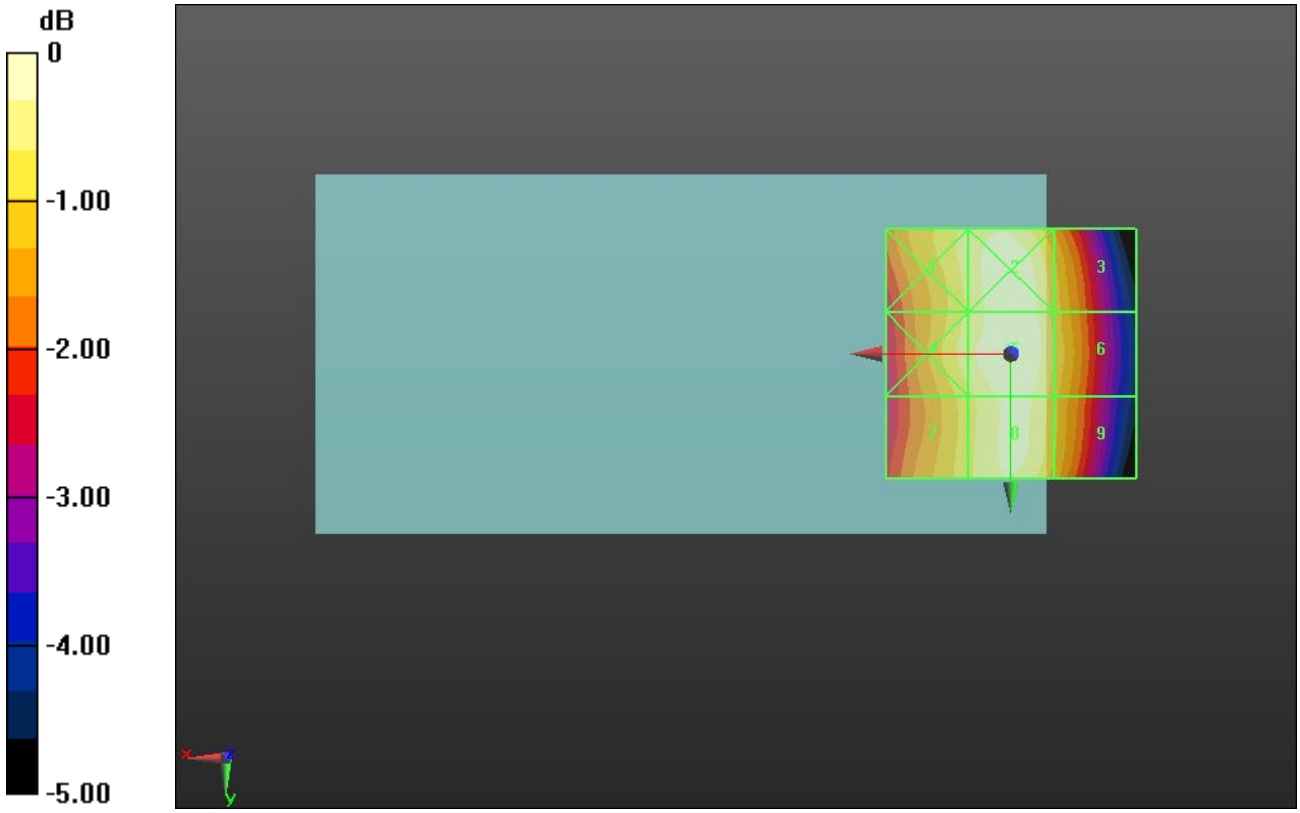
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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 = 53.81 V/m; Power Drift = -0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 35.66 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **35.17 dBV/m**	Grid 2 **M4** **35.58 dBV/m**	Grid 3 **M4** **34.91 dBV/m**
Grid 4 **M4** **35.23 dBV/m**	Grid 5 **M4** **35.66 dBV/m**	Grid 6 **M4** **35.02 dBV/m**
Grid 7 **M4** **34.91 dBV/m**	Grid 8 **M4** **35.44 dBV/m**	Grid 9 **M4** **34.84 dBV/m**



0 dB = 60.69 V/m = 35.66 dBV/m

HAC-RF Emission

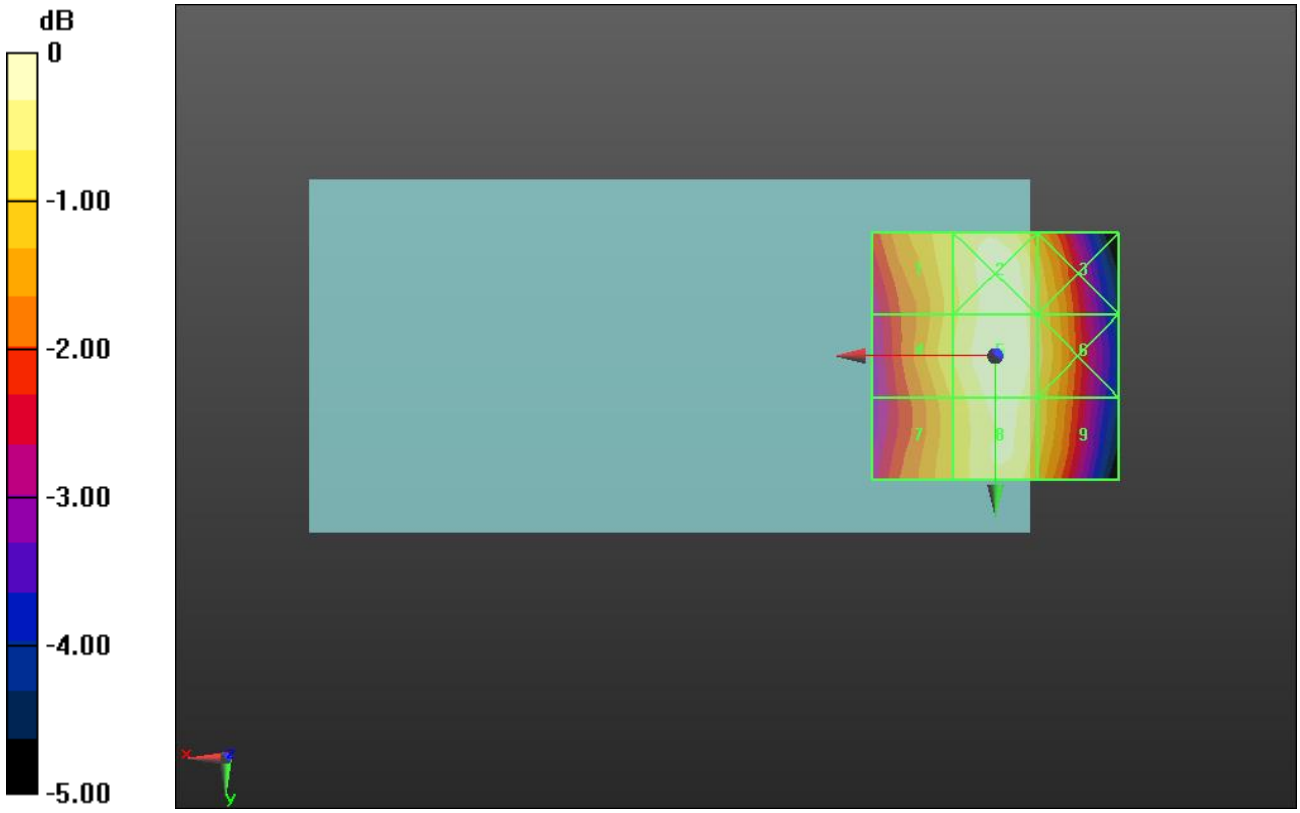
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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 = 57.04 V/m; Power Drift = -0.05 dB
Applied MIF = 3.63 dB
RF audio interference level = 36.20 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **35.53 dBV/m**	Grid 2 **M4** **36.07 dBV/m**	Grid 3 **M4** **35.61 dBV/m**
Grid 4 **M4** **35.58 dBV/m**	Grid 5 **M4** **36.2 dBV/m**	Grid 6 **M4** **35.7 dBV/m**
Grid 7 **M4** **35.26 dBV/m**	Grid 8 **M4** **35.99 dBV/m**	Grid 9 **M4** **35.52 dBV/m**



0 dB = 64.59 V/m = 36.20 dBV/m

HAC-RF Emission

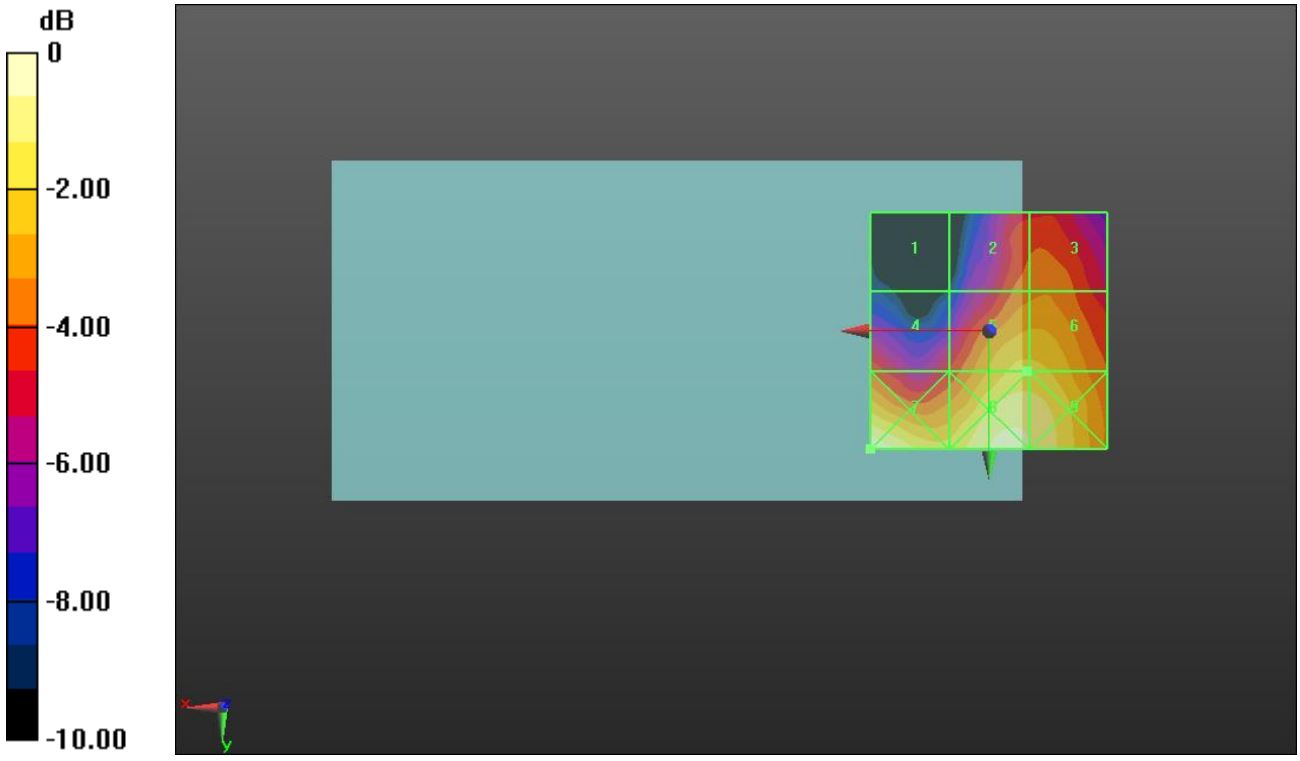
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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 = -0.06 dB
Applied MIF = 3.63 dB
RF audio interference level = 23.79 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.04 dBV/m**	Grid 2 **M4** **22.03 dBV/m**	Grid 3 **M4** **22.19 dBV/m**
Grid 4 **M4** **21.47 dBV/m**	Grid 5 **M4** **23.79 dBV/m**	Grid 6 **M4** **23.79 dBV/m**
Grid 7 **M4** **25.56 dBV/m**	Grid 8 **M4** **25.14 dBV/m**	Grid 9 **M4** **24.93 dBV/m**



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

HAC-RF Emission

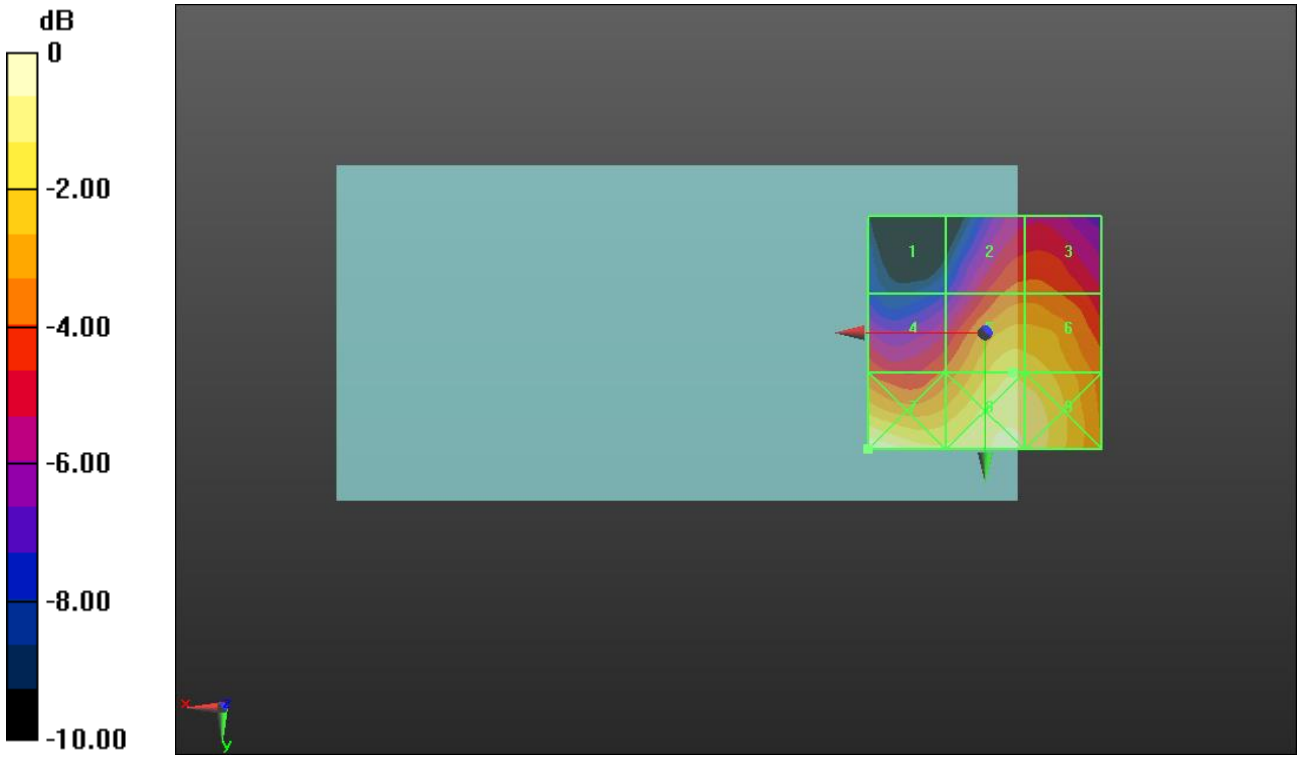
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- 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 = 11.74 V/m; Power Drift = -0.07 dB
Applied MIF = 3.63 dB
RF audio interference level = 24.72 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.81 dBV/m**	Grid 2 **M4** **22.51 dBV/m**	Grid 3 **M4** **22.51 dBV/m**
Grid 4 **M4** **22.34 dBV/m**	Grid 5 **M4** **24.72 dBV/m**	Grid 6 **M4** **24.58 dBV/m**
Grid 7 **M4** **26.13 dBV/m**	Grid 8 **M4** **25.6 dBV/m**	Grid 9 **M4** **25.42 dBV/m**



0 dB = 20.26 V/m = 26.13 dBV/m

HAC-RF Emission

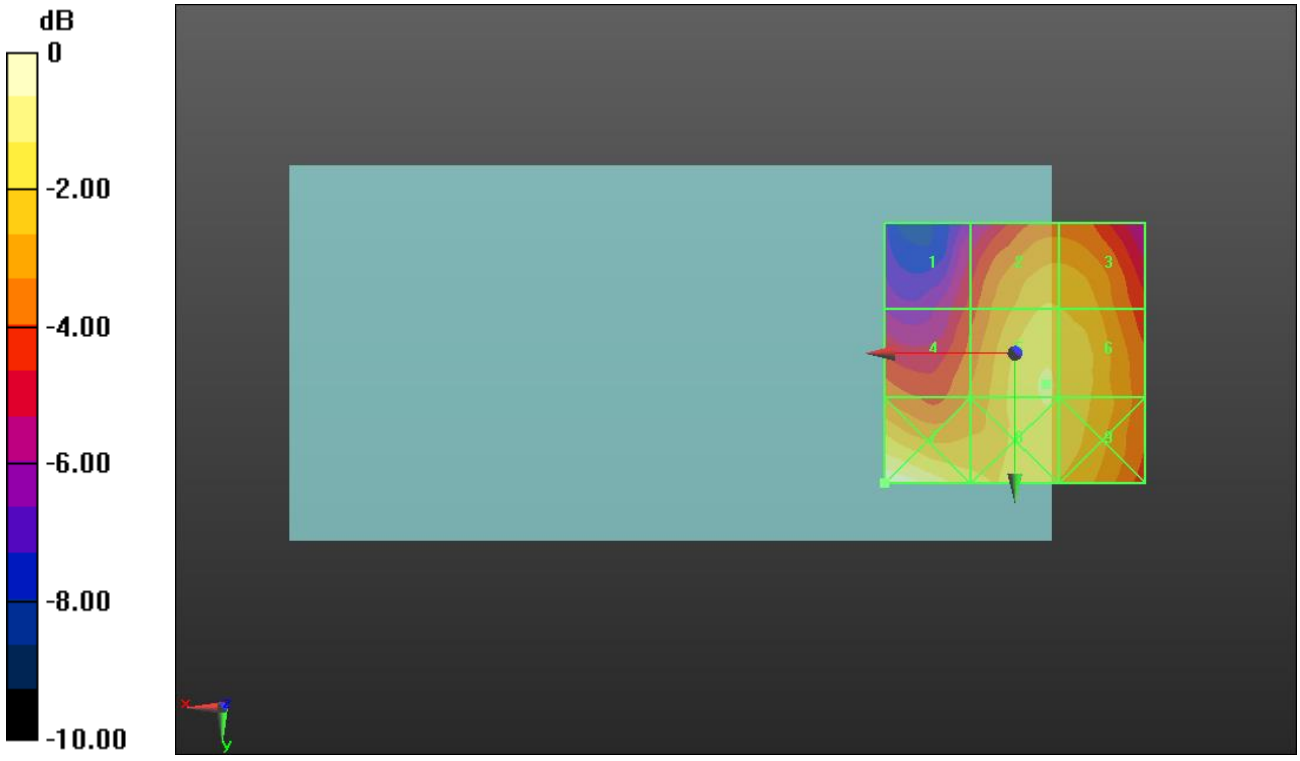
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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 = 13.08 V/m; Power Drift = -0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 24.40 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.36 dBV/m**	Grid 2 **M4** **23.76 dBV/m**	Grid 3 **M4** **23.72 dBV/m**
Grid 4 **M4** **22.48 dBV/m**	Grid 5 **M4** **24.4 dBV/m**	Grid 6 **M4** **24.3 dBV/m**
Grid 7 **M4** **25.69 dBV/m**	Grid 8 **M4** **24.38 dBV/m**	Grid 9 **M4** **24.29 dBV/m**



0 dB = 19.25 V/m = 25.69 dBV/m

HAC-RF Emission

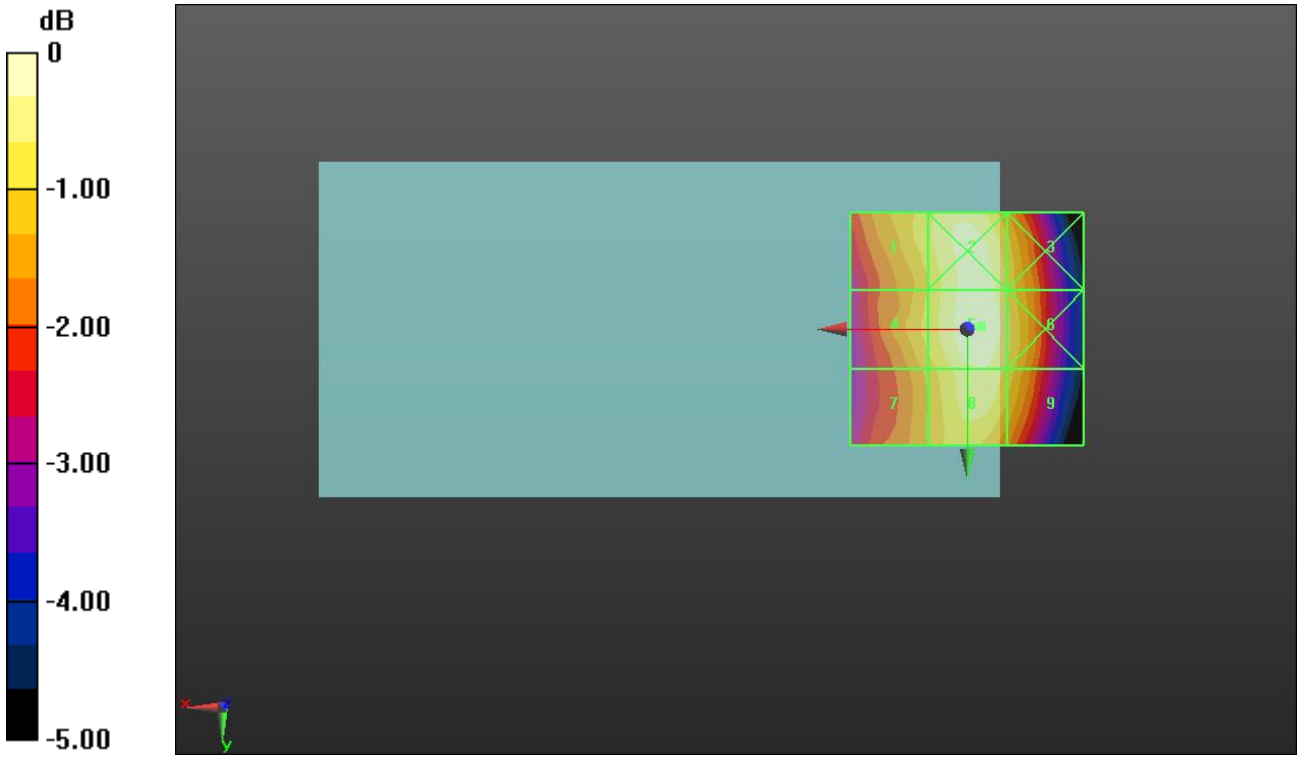
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 824.7 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 25.09 V/m; Power Drift = -0.01 dB
Applied MIF = 3.26 dB
RF audio interference level = 28.51 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.78 dBV/m**	Grid 2 **M4** **28.37 dBV/m**	Grid 3 **M4** **27.83 dBV/m**
Grid 4 **M4** **27.65 dBV/m**	Grid 5 **M4** **28.51 dBV/m**	Grid 6 **M4** **27.99 dBV/m**
Grid 7 **M4** **27.32 dBV/m**	Grid 8 **M4** **28.18 dBV/m**	Grid 9 **M4** **27.78 dBV/m**



0 dB = 26.64 V/m = 28.51 dBV/m

HAC-RF Emission

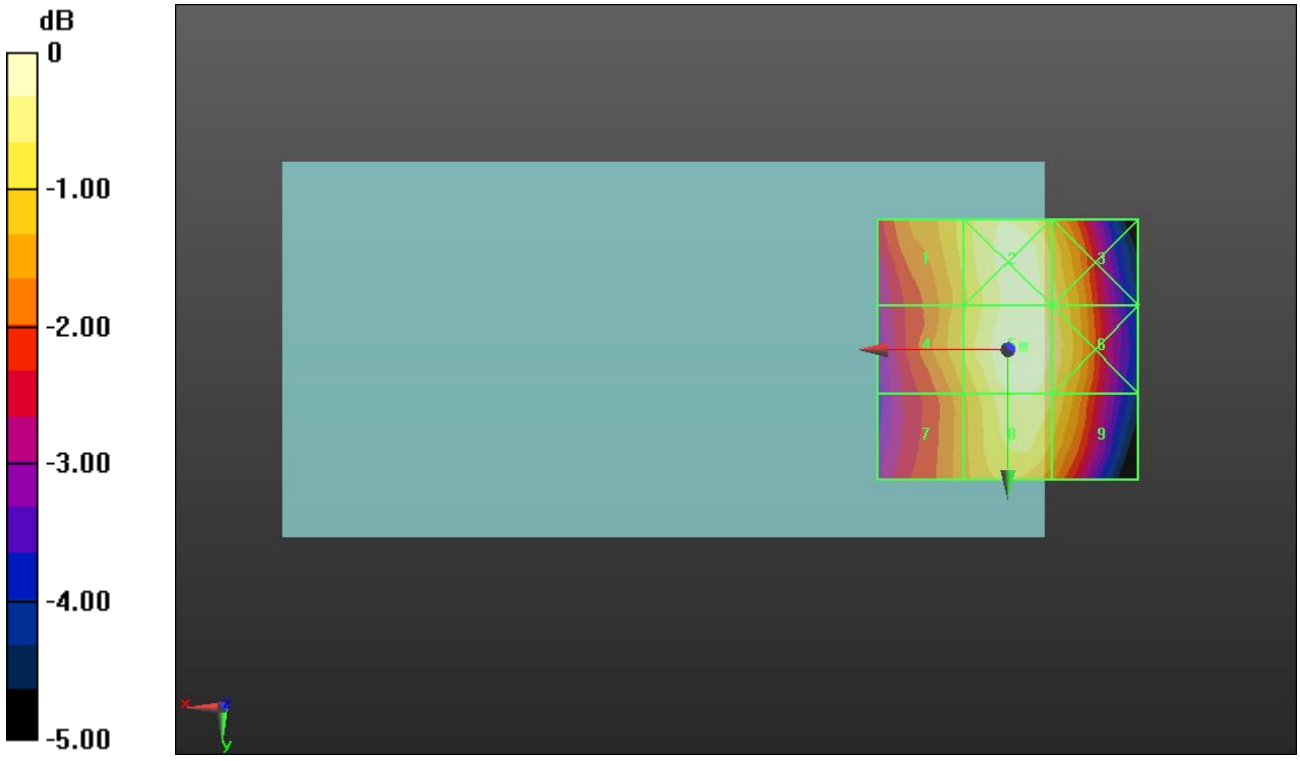
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 836.52 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 25.78 V/m; Power Drift = 0.05 dB
Applied MIF = 3.26 dB
RF audio interference level = 28.72 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.86 dBV/m**	Grid 2 **M4** **28.6 dBV/m**	Grid 3 **M4** **28.23 dBV/m**
Grid 4 **M4** **27.79 dBV/m**	Grid 5 **M4** **28.72 dBV/m**	Grid 6 **M4** **28.33 dBV/m**
Grid 7 **M4** **27.35 dBV/m**	Grid 8 **M4** **28.44 dBV/m**	Grid 9 **M4** **28.1 dBV/m**



0 dB = 27.30 V/m = 28.72 dBV/m

HAC-RF Emission

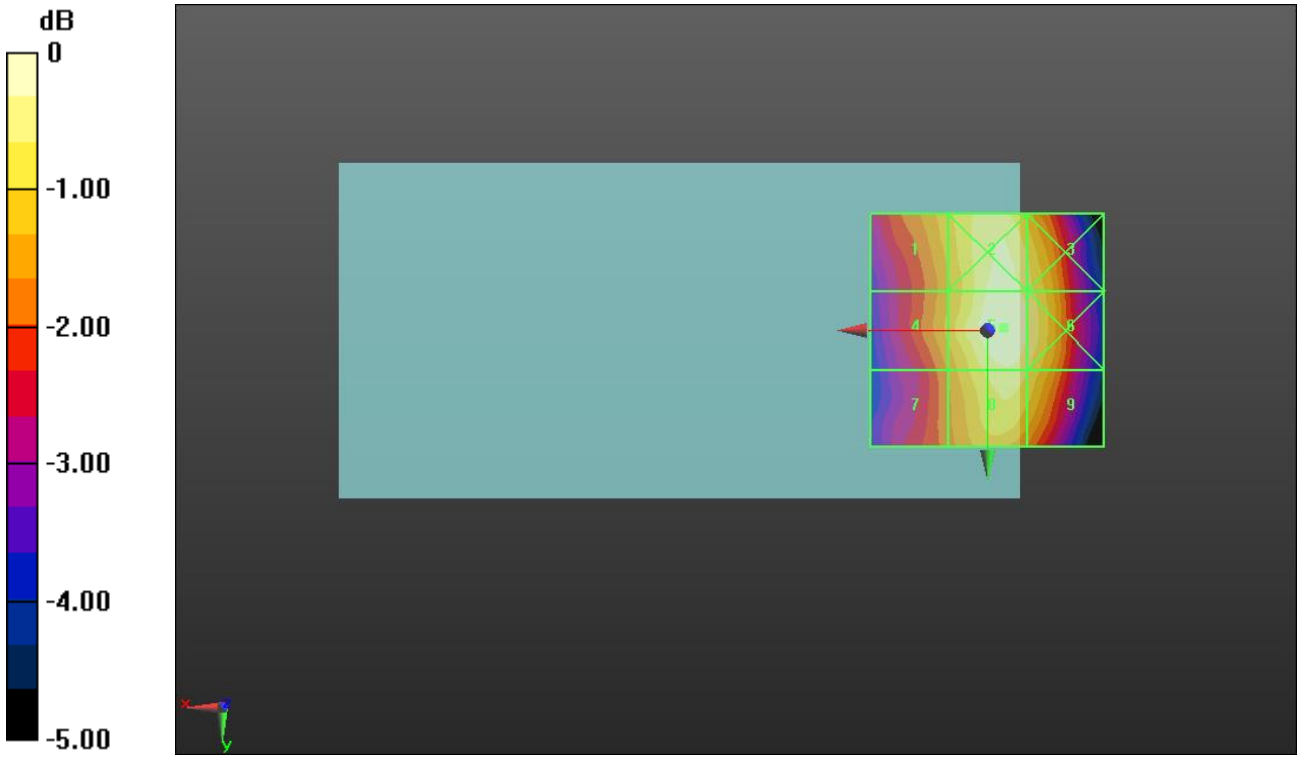
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 848.31 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 25.22 V/m; Power Drift = -0.05 dB
Applied MIF = 3.26 dB
RF audio interference level = 28.47 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.38 dBV/m**	Grid 2 **M4** **28.3 dBV/m**	Grid 3 **M4** **28 dBV/m**
Grid 4 **M4** **27.25 dBV/m**	Grid 5 **M4** **28.47 dBV/m**	Grid 6 **M4** **28.17 dBV/m**
Grid 7 **M4** **26.85 dBV/m**	Grid 8 **M4** **28.09 dBV/m**	Grid 9 **M4** **27.84 dBV/m**



0 dB = 26.52 V/m = 28.47 dBV/m

HAC-RF Emission

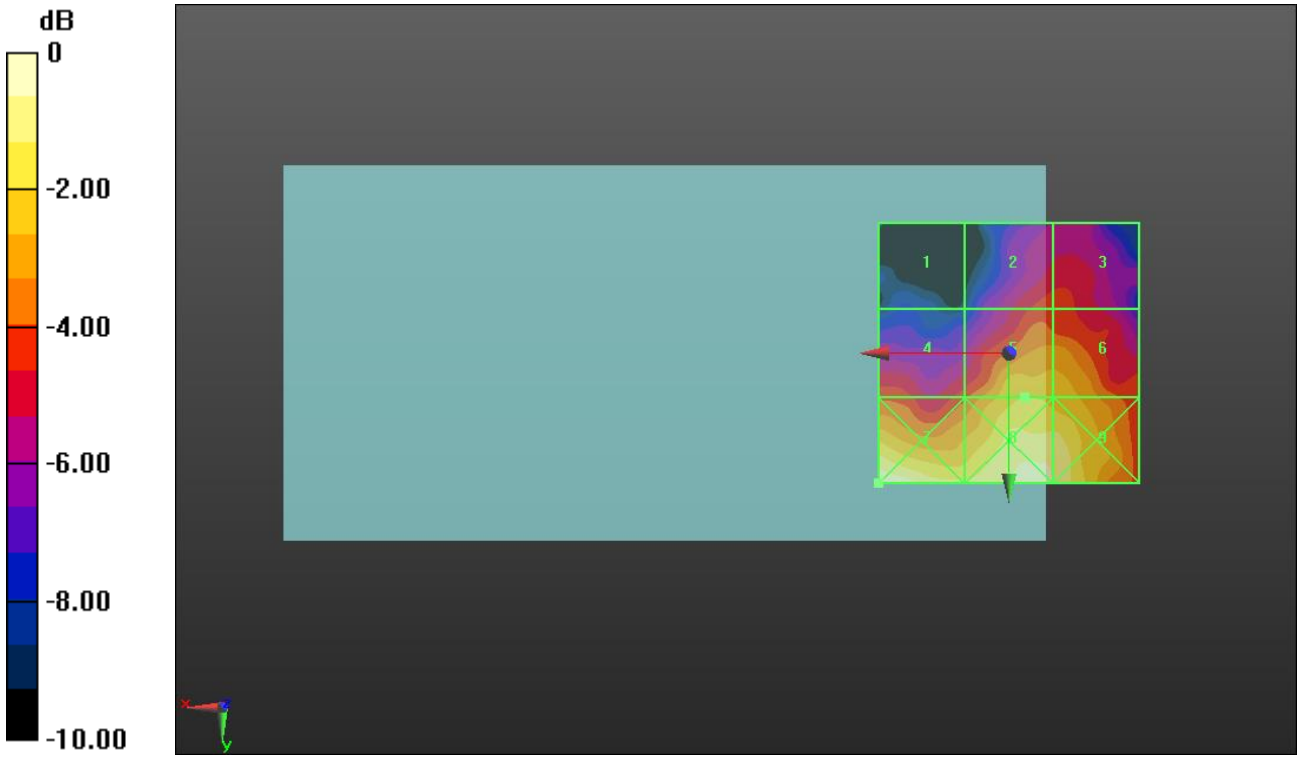
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1851.25 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 6.643 V/m; Power Drift = -0.22 dB
Applied MIF = 3.26 dB
RF audio interference level = 18.94 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **13.15 dBV/m**	Grid 2 **M4** **16.69 dBV/m**	Grid 3 **M4** **16.72 dBV/m**
Grid 4 **M4** **16.83 dBV/m**	Grid 5 **M4** **18.94 dBV/m**	Grid 6 **M4** **18.73 dBV/m**
Grid 7 **M4** **20.95 dBV/m**	Grid 8 **M4** **20.51 dBV/m**	Grid 9 **M4** **20.24 dBV/m**



0 dB = 11.15 V/m = 20.95 dBV/m

HAC-RF Emission

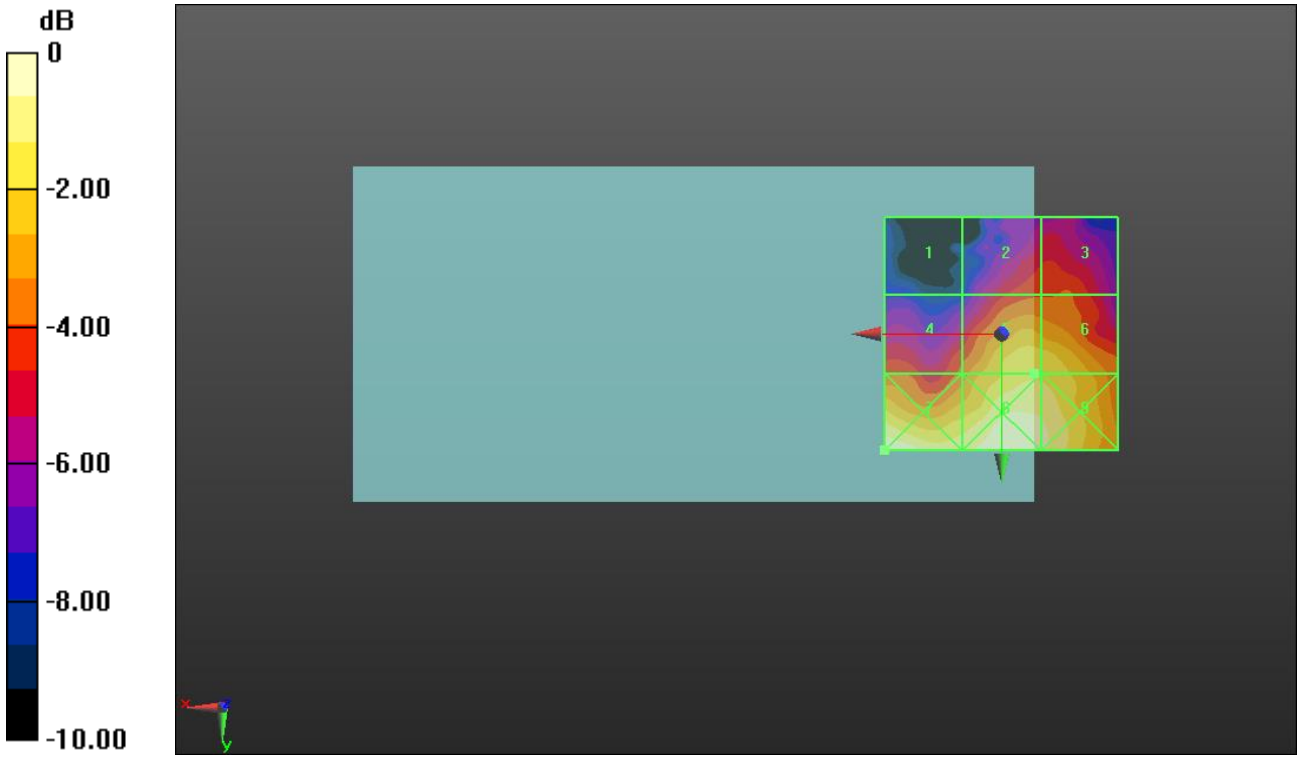
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 7.220 V/m; Power Drift = -0.30 dB
Applied MIF = 3.26 dB
RF audio interference level = 19.96 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **13.89 dBV/m**	Grid 2 **M4** **17.3 dBV/m**	Grid 3 **M4** **17.45 dBV/m**
Grid 4 **M4** **17.67 dBV/m**	Grid 5 **M4** **19.96 dBV/m**	Grid 6 **M4** **19.93 dBV/m**
Grid 7 **M4** **21.37 dBV/m**	Grid 8 **M4** **21.21 dBV/m**	Grid 9 **M4** **20.9 dBV/m**



0 dB = 11.70 V/m = 21.36 dBV/m

HAC-RF Emission

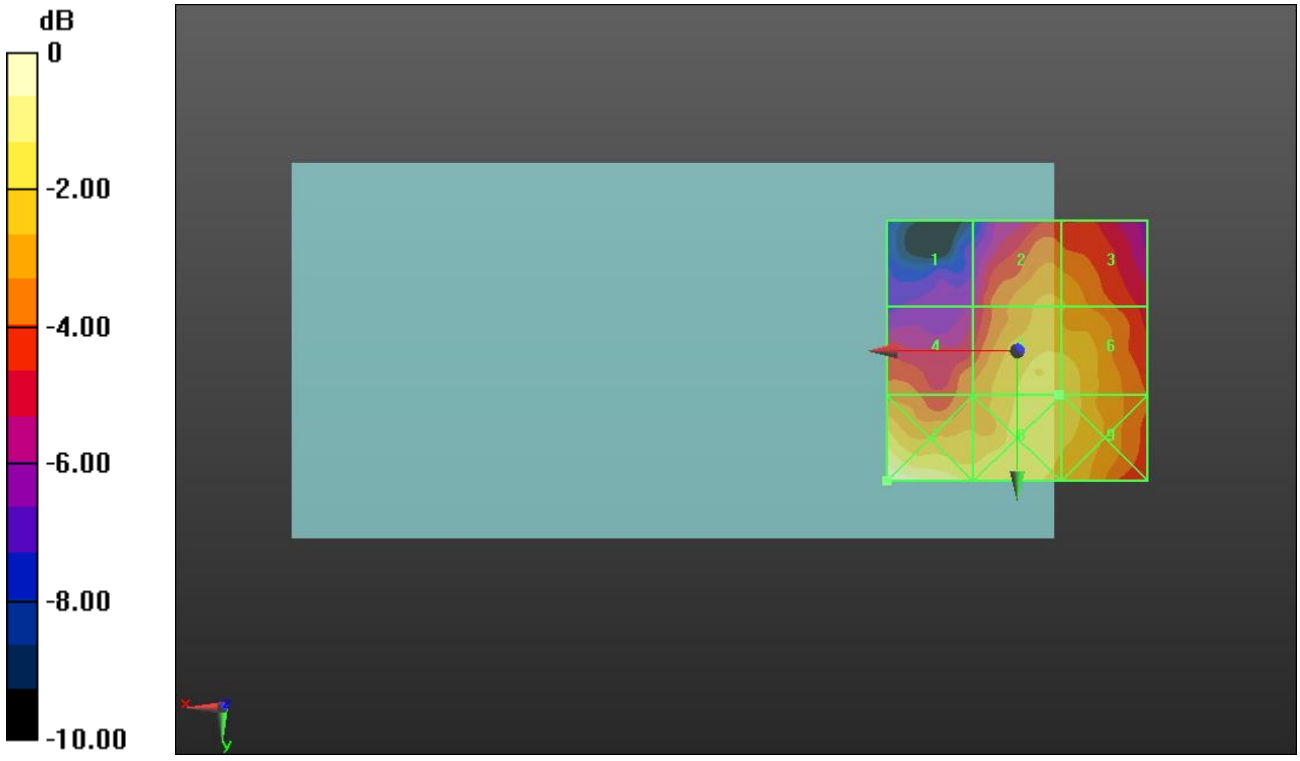
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1908.75 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 7.596 V/m; Power Drift = -0.19 dB
Applied MIF = 3.26 dB
RF audio interference level = 19.24 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.12 dBV/m**	Grid 2 **M4** **18.3 dBV/m**	Grid 3 **M4** **18.18 dBV/m**
Grid 4 **M4** **17.54 dBV/m**	Grid 5 **M4** **19.24 dBV/m**	Grid 6 **M4** **19.24 dBV/m**
Grid 7 **M4** **20.79 dBV/m**	Grid 8 **M4** **19.48 dBV/m**	Grid 9 **M4** **19.28 dBV/m**



0 dB = 10.96 V/m = 20.80 dBV/m

HAC-RF Emission

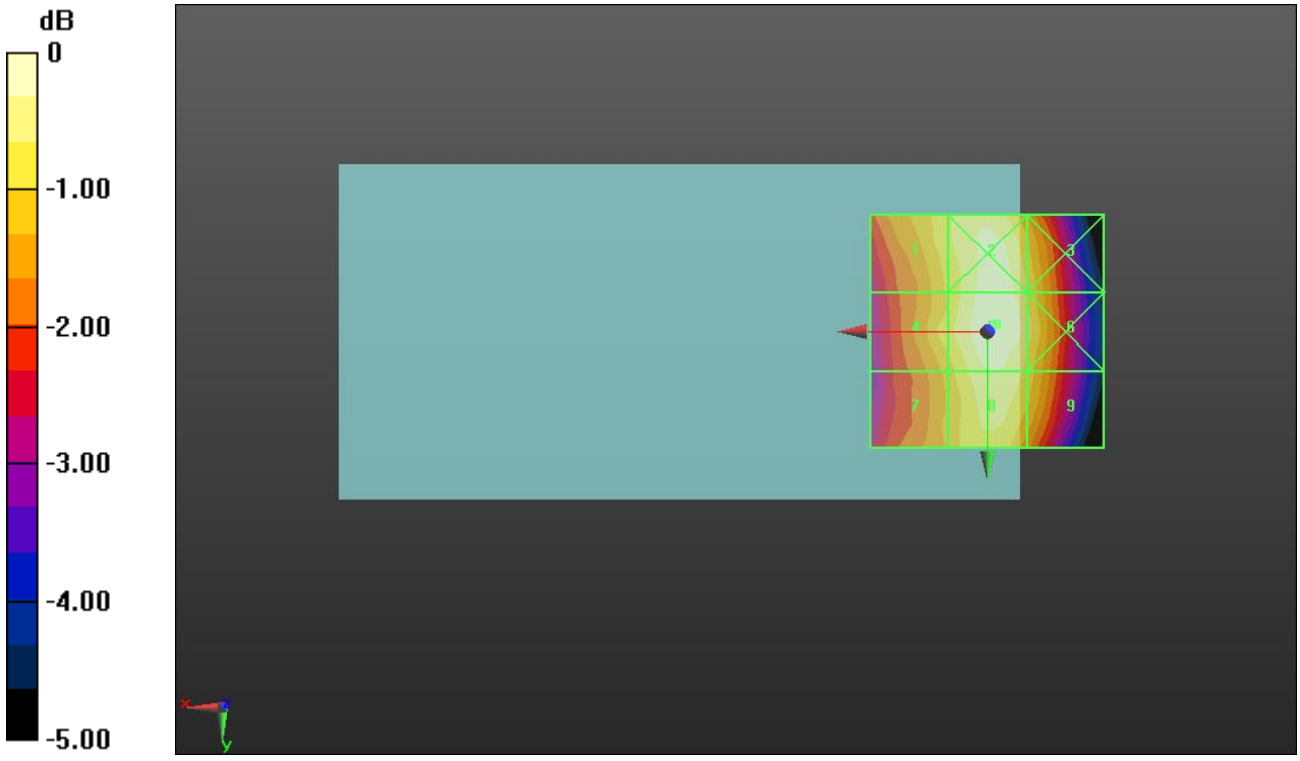
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.3 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 817.3 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 23.74 V/m; Power Drift = 0.03 dB
Applied MIF = 3.26 dB
RF audio interference level = 28.10 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.38 dBV/m**	Grid 2 **M4** **27.96 dBV/m**	Grid 3 **M4** **27.45 dBV/m**
Grid 4 **M4** **27.33 dBV/m**	Grid 5 **M4** **28.1 dBV/m**	Grid 6 **M4** **27.6 dBV/m**
Grid 7 **M4** **26.93 dBV/m**	Grid 8 **M4** **27.78 dBV/m**	Grid 9 **M4** **27.32 dBV/m**



0 dB = 25.41 V/m = 28.10 dBV/m

HAC-RF Emission

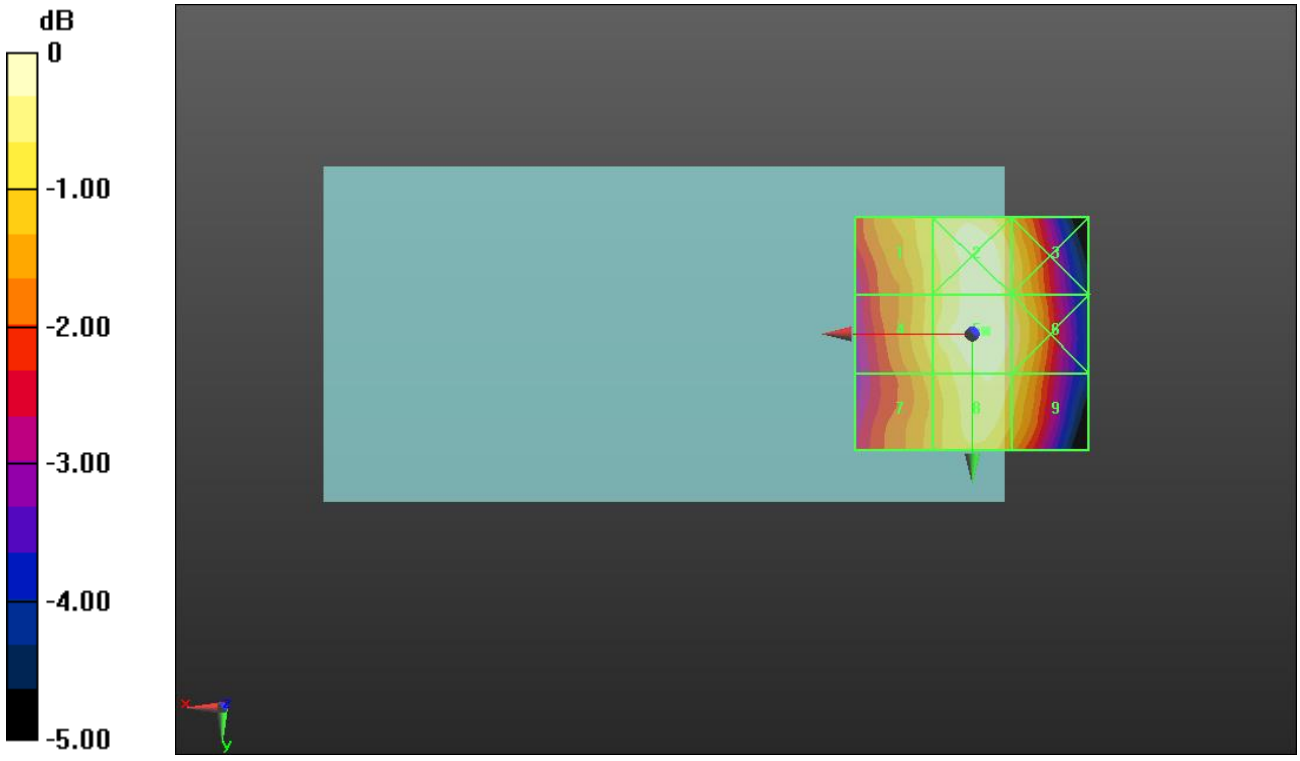
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 820 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 24.02 V/m; Power Drift = 0.03 dB
Applied MIF = 3.26 dB
RF audio interference level = 28.11 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.44 dBV/m**	Grid 2 **M4** **27.98 dBV/m**	Grid 3 **M4** **27.51 dBV/m**
Grid 4 **M4** **27.34 dBV/m**	Grid 5 **M4** **28.11 dBV/m**	Grid 6 **M4** **27.7 dBV/m**
Grid 7 **M4** **27.02 dBV/m**	Grid 8 **M4** **27.82 dBV/m**	Grid 9 **M4** **27.47 dBV/m**



0 dB = 25.43 V/m = 28.11 dBV/m

HAC-RF Emission

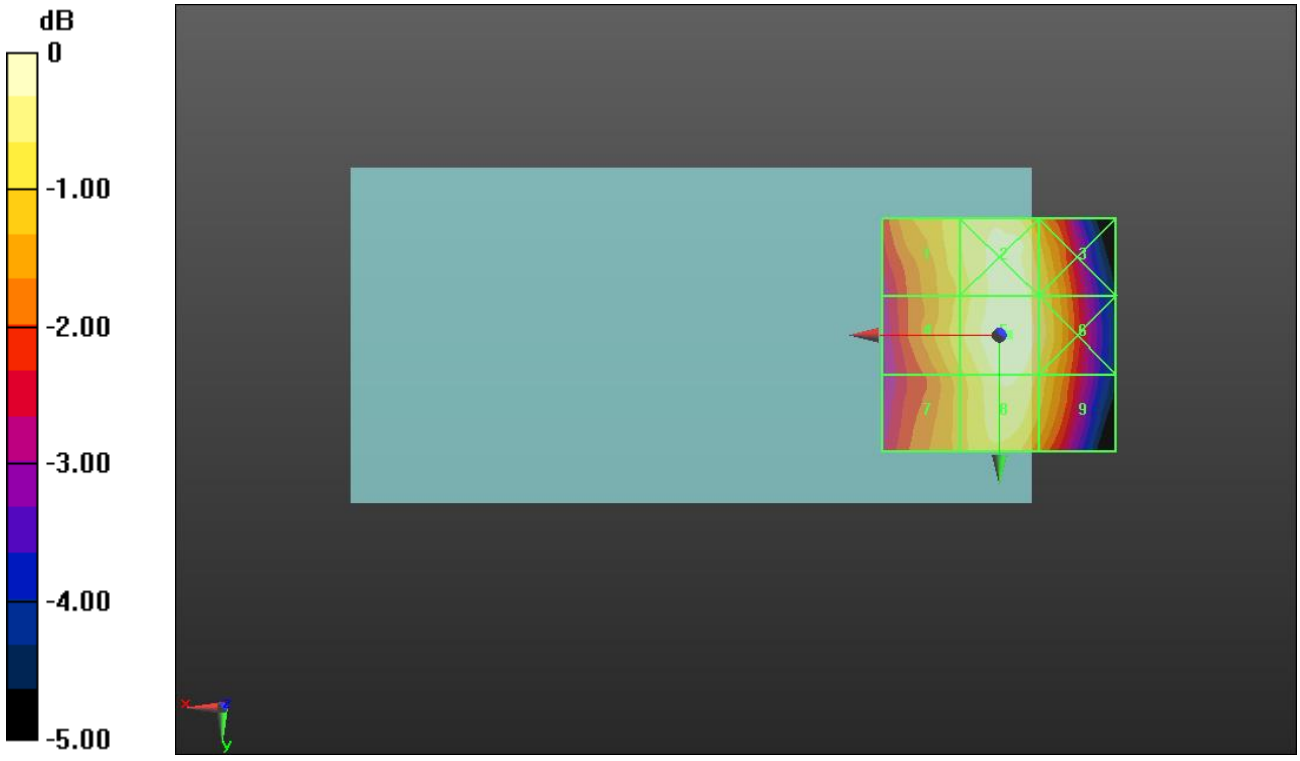
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 822.75 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 822.75 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 24.71 V/m; Power Drift = 0.04 dB
Applied MIF = 3.26 dB
RF audio interference level = 28.35 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.65 dBV/m**	Grid 2 **M4** **28.21 dBV/m**	Grid 3 **M4** **27.77 dBV/m**
Grid 4 **M4** **27.58 dBV/m**	Grid 5 **M4** **28.35 dBV/m**	Grid 6 **M4** **27.9 dBV/m**
Grid 7 **M4** **27.23 dBV/m**	Grid 8 **M4** **28.1 dBV/m**	Grid 9 **M4** **27.61 dBV/m**



0 dB = 26.14 V/m = 28.35 dBV/m

HAC-RF Emission

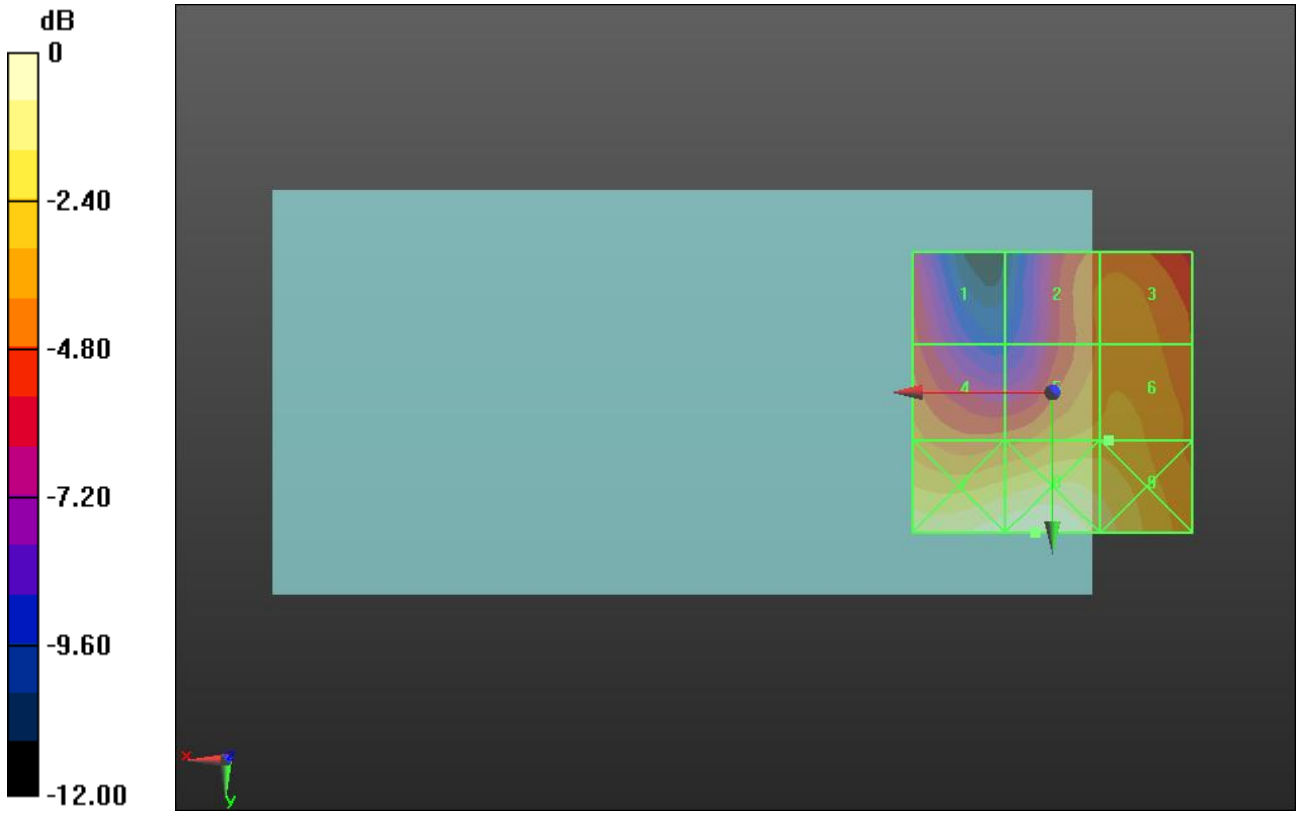
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 11.00 V/m; Power Drift = -0.08 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.18 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.75 dBV/m**	Grid 2 **M4** **19.09 dBV/m**	Grid 3 **M4** **19.37 dBV/m**
Grid 4 **M4** **19.32 dBV/m**	Grid 5 **M4** **20.15 dBV/m**	Grid 6 **M4** **20.18 dBV/m**
Grid 7 **M4** **22.7 dBV/m**	Grid 8 **M4** **22.92 dBV/m**	Grid 9 **M4** **21.81 dBV/m**



0 dB = 13.99 V/m = 22.92 dBV/m

HAC-RF Emission

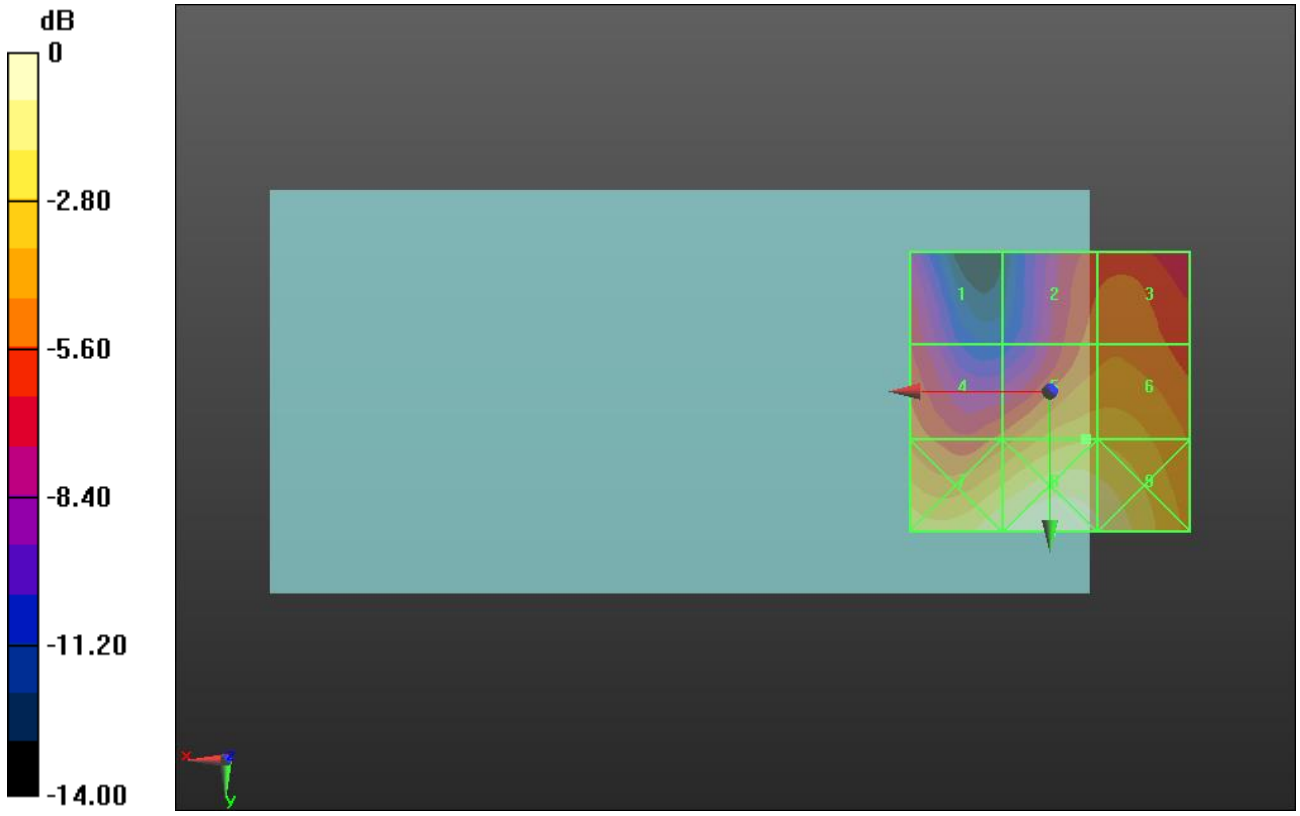
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 11.70 V/m; Power Drift = 0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 21.24 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.69 dBV/m**	Grid 2 **M4** **19.07 dBV/m**	Grid 3 **M4** **19.36 dBV/m**
Grid 4 **M4** **19.29 dBV/m**	Grid 5 **M4** **21.24 dBV/m**	Grid 6 **M4** **21.22 dBV/m**
Grid 7 **M4** **23.28 dBV/m**	Grid 8 **M4** **24.14 dBV/m**	Grid 9 **M4** **23.41 dBV/m**



0 dB = 16.11 V/m = 24.14 dBV/m

HAC-RF Emission

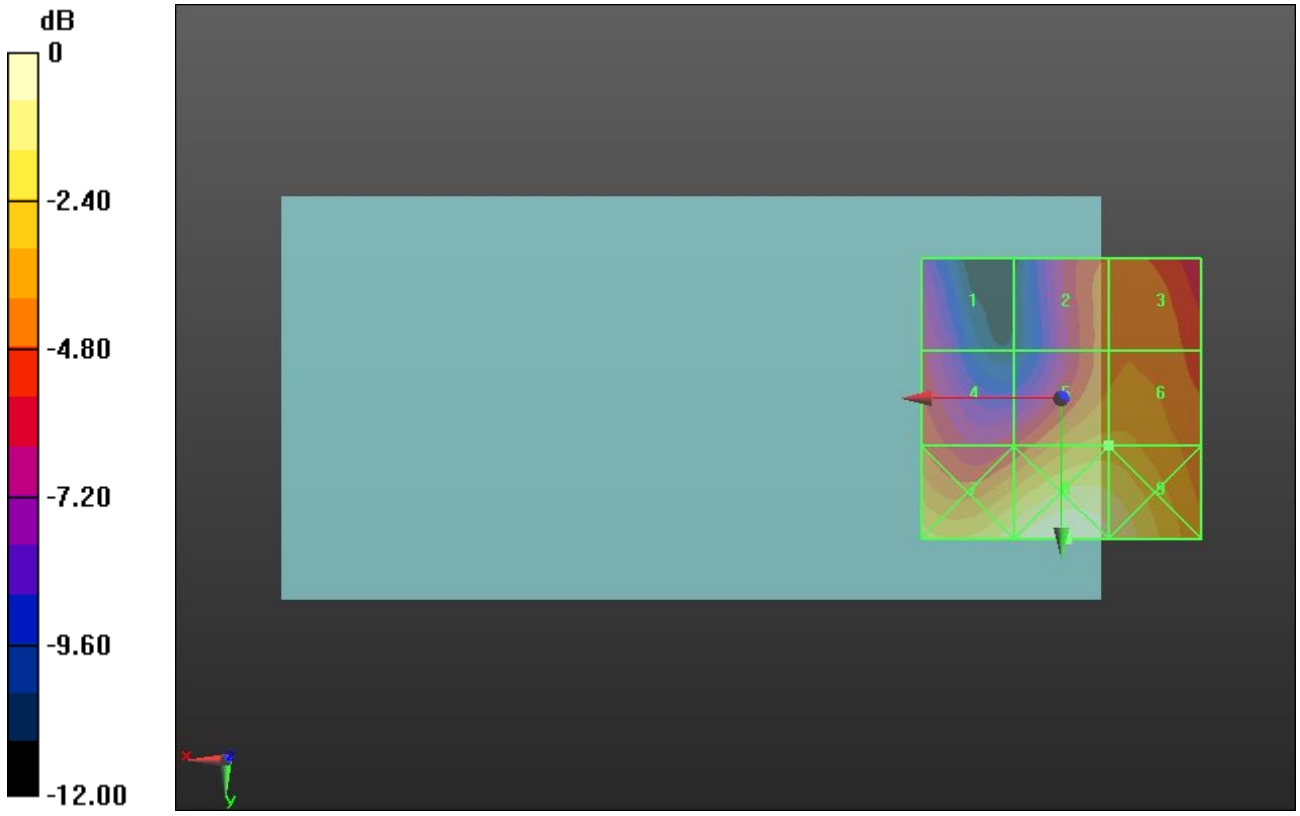
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 12.25 V/m; Power Drift = -0.18 dB
Applied MIF = -1.44 dB
RF audio interference level = 21.85 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.56 dBV/m**	Grid 2 **M4** **20.37 dBV/m**	Grid 3 **M4** **20.66 dBV/m**
Grid 4 **M4** **20 dBV/m**	Grid 5 **M4** **21.85 dBV/m**	Grid 6 **M4** **21.85 dBV/m**
Grid 7 **M4** **23.65 dBV/m**	Grid 8 **M4** **24.67 dBV/m**	Grid 9 **M4** **24.02 dBV/m**



0 dB = 17.12 V/m = 24.67 dBV/m

HAC-RF Emission

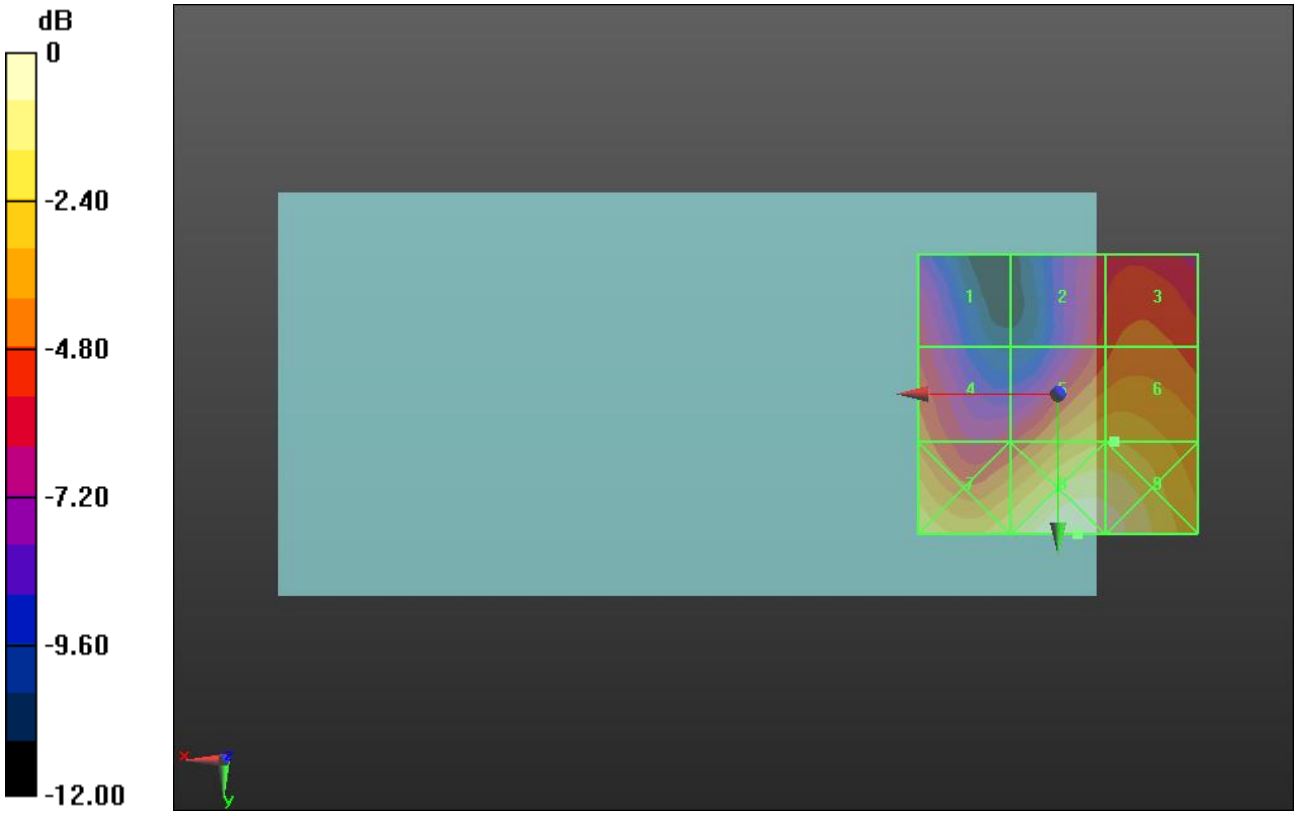
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 12.51 V/m; Power Drift = -0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.53 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.16 dBV/m**	Grid 2 **M4** **19.79 dBV/m**	Grid 3 **M4** **20.43 dBV/m**
Grid 4 **M4** **20.81 dBV/m**	Grid 5 **M4** **22.5 dBV/m**	Grid 6 **M4** **22.53 dBV/m**
Grid 7 **M4** **23.61 dBV/m**	Grid 8 **M4** **24.9 dBV/m**	Grid 9 **M4** **24.61 dBV/m**



0 dB = 17.57 V/m = 24.90 dBV/m

HAC-RF Emission

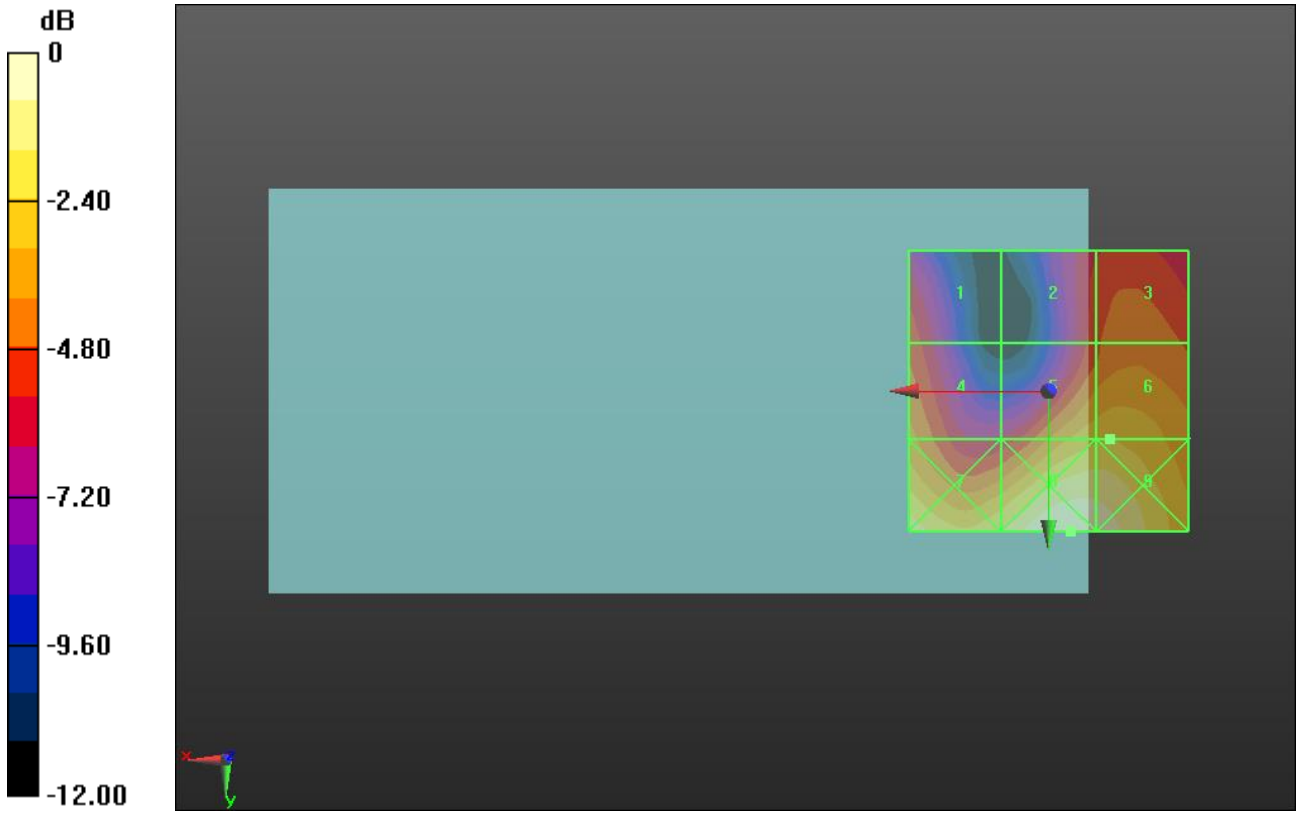
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 11.34 V/m; Power Drift = -0.12 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.51 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.92 dBV/m**	Grid 2 **M4** **19.93 dBV/m**	Grid 3 **M4** **20.69 dBV/m**
Grid 4 **M4** **21.32 dBV/m**	Grid 5 **M4** **22.4 dBV/m**	Grid 6 **M4** **22.51 dBV/m**
Grid 7 **M4** **23.95 dBV/m**	Grid 8 **M4** **24.93 dBV/m**	Grid 9 **M4** **24.68 dBV/m**



0 dB = 17.64 V/m = 24.93 dBV/m

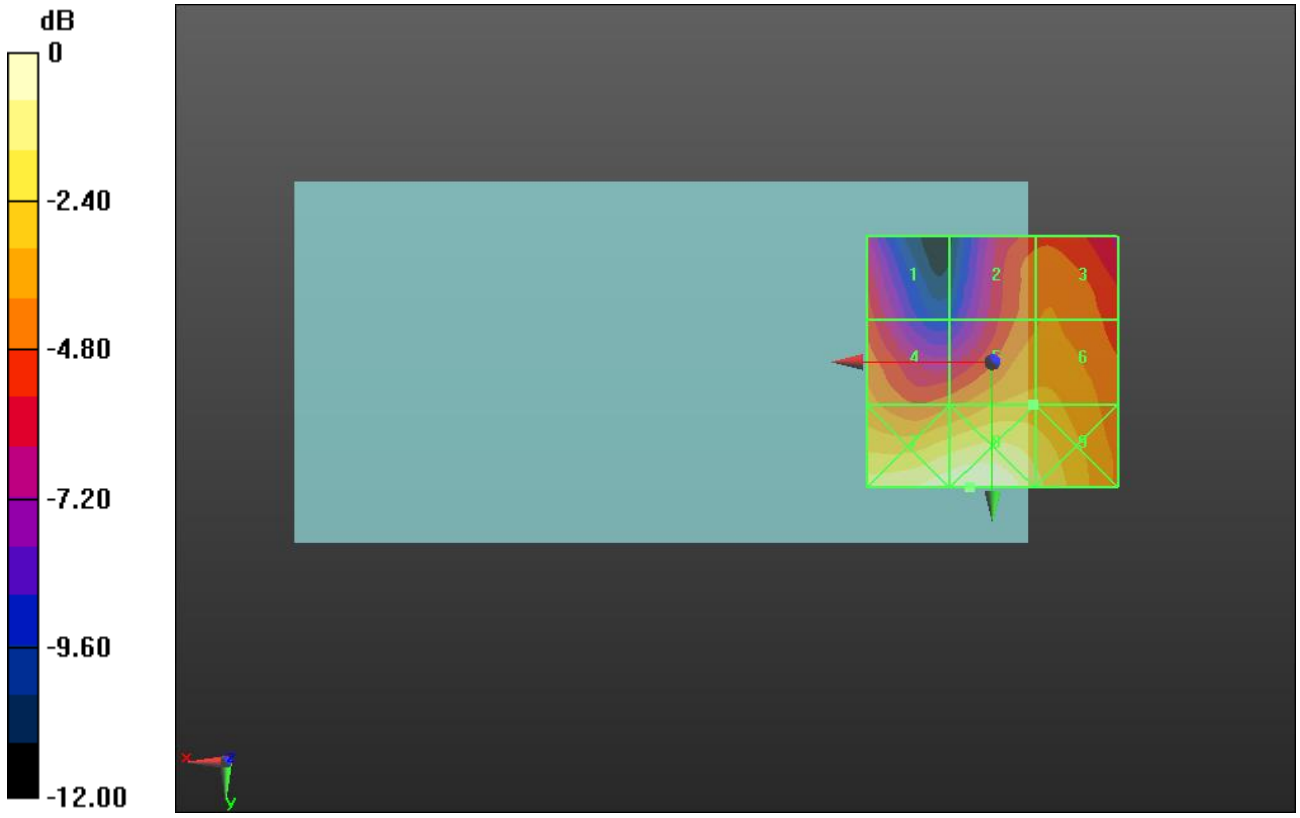
HAC-RF Emission

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 = 12.47 V/m; Power Drift = 0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.79 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.6 dBV/m**	Grid 2 **M4** **19.56 dBV/m**	Grid 3 **M4** **19.74 dBV/m**
Grid 4 **M4** **19.99 dBV/m**	Grid 5 **M4** **20.79 dBV/m**	Grid 6 **M4** **20.78 dBV/m**
Grid 7 **M4** **23.46 dBV/m**	Grid 8 **M4** **23.65 dBV/m**	Grid 9 **M4** **22.37 dBV/m**



0 dB = 15.22 V/m = 23.65 dBV/m

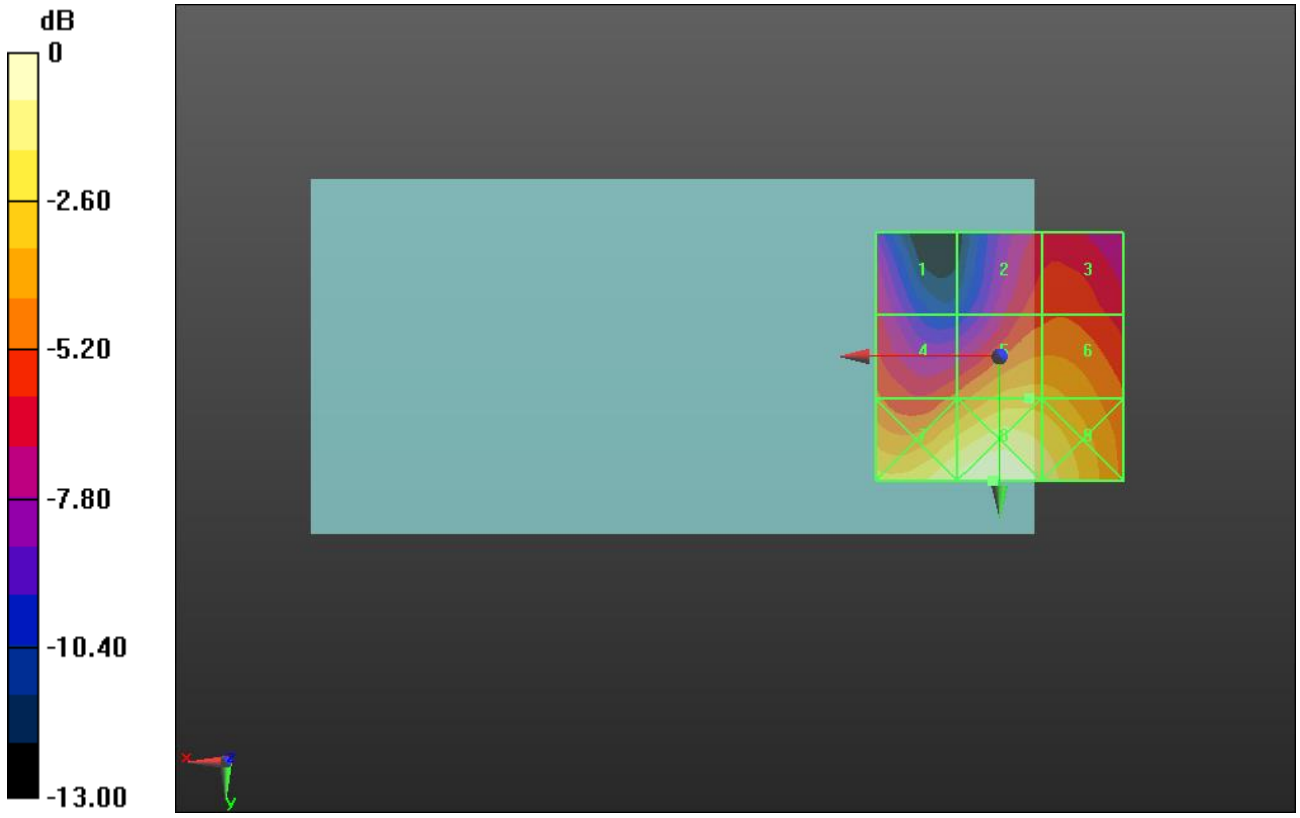
HAC-RF Emission

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 = 13.27 V/m; Power Drift = -0.08 dB
Applied MIF = -1.44 dB
RF audio interference level = 21.70 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.14 dBV/m**	Grid 2 **M4** **19.26 dBV/m**	Grid 3 **M4** **19.44 dBV/m**
Grid 4 **M4** **19.88 dBV/m**	Grid 5 **M4** **21.7 dBV/m**	Grid 6 **M4** **21.65 dBV/m**
Grid 7 **M4** **24.04 dBV/m**	Grid 8 **M4** **24.66 dBV/m**	Grid 9 **M4** **23.56 dBV/m**



0 dB = 17.10 V/m = 24.66 dBV/m

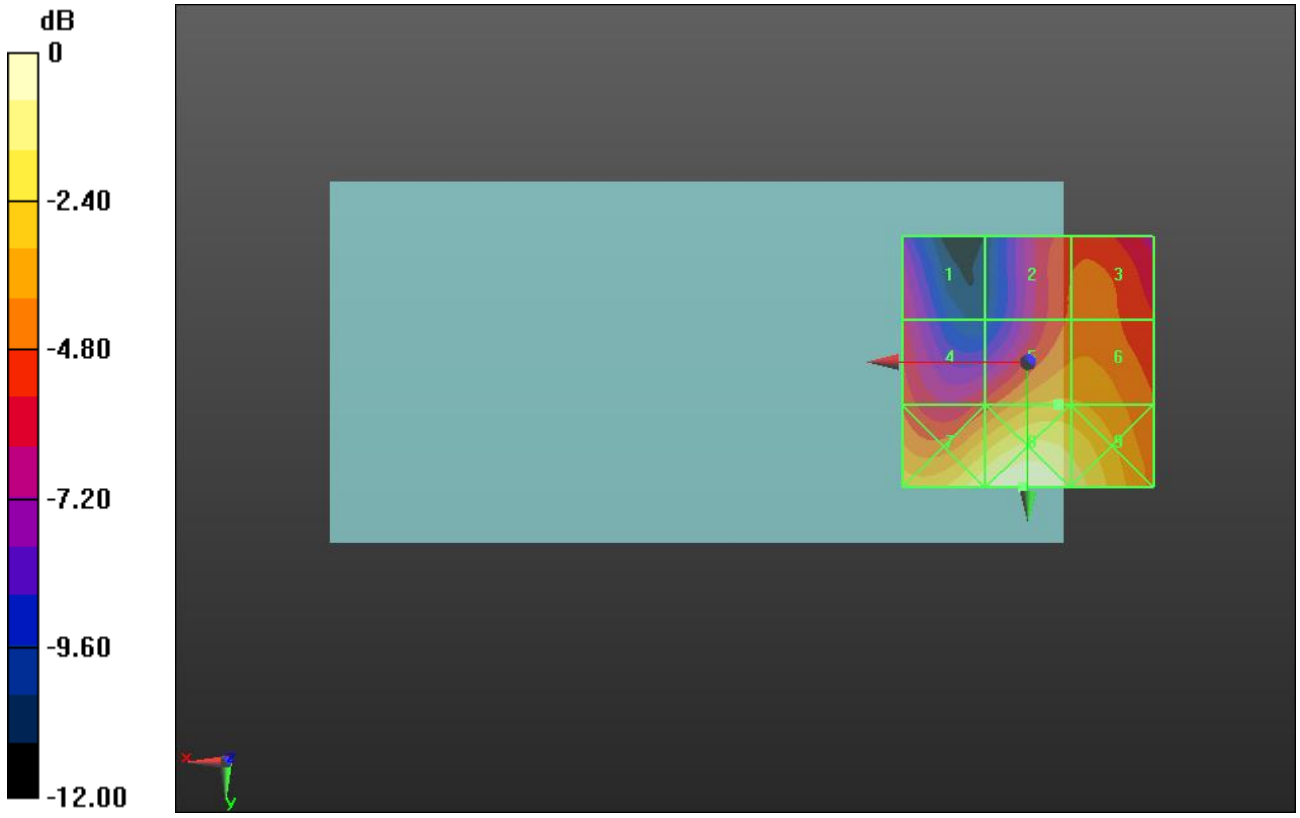
HAC-RF Emission

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 = 14.11 V/m; Power Drift = -0.12 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.46 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.36 dBV/m**	Grid 2 **M4** **20.79 dBV/m**	Grid 3 **M4** **21.02 dBV/m**
Grid 4 **M4** **20.53 dBV/m**	Grid 5 **M4** **22.46 dBV/m**	Grid 6 **M4** **22.4 dBV/m**
Grid 7 **M4** **24.64 dBV/m**	Grid 8 **M4** **25.43 dBV/m**	Grid 9 **M4** **24.45 dBV/m**



0 dB = 18.68 V/m = 25.43 dBV/m

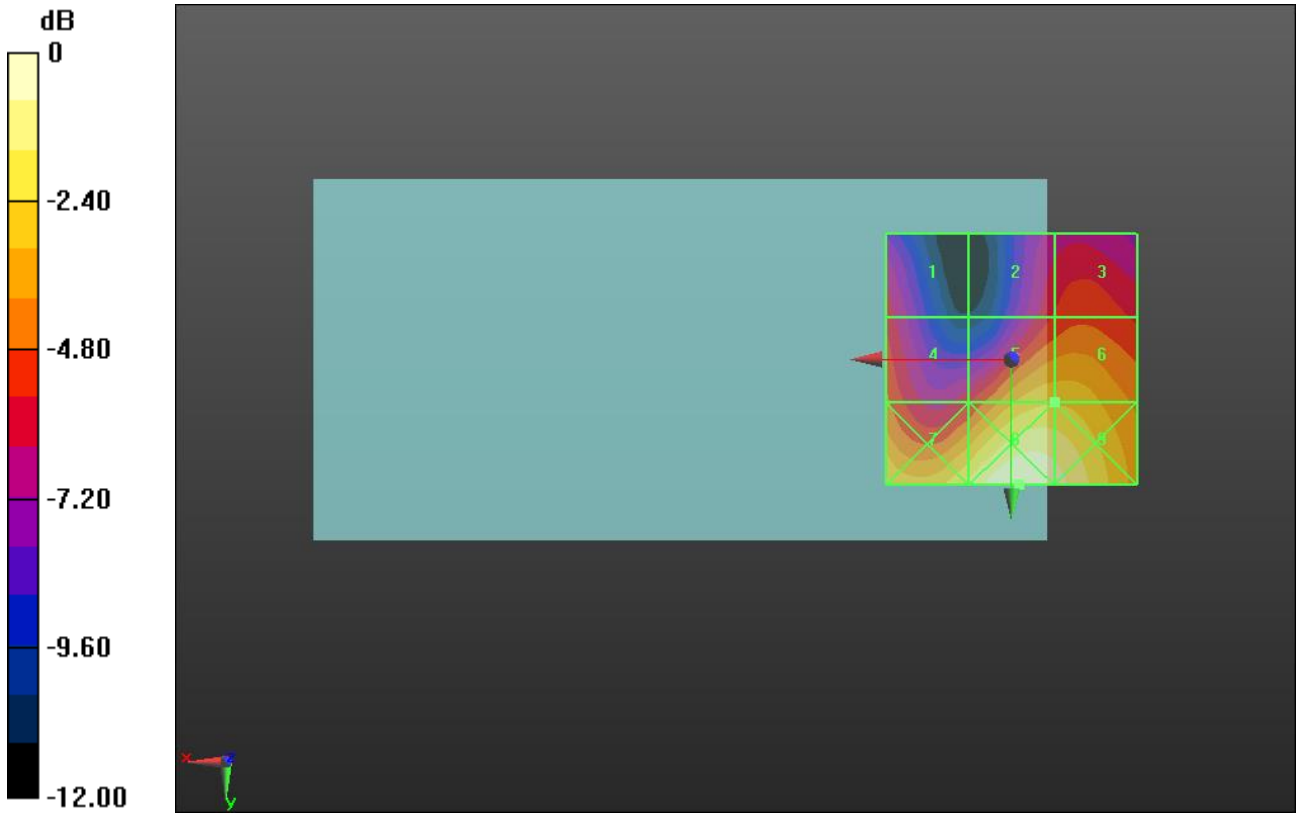
HAC-RF Emission

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 = 14.32 V/m; Power Drift = -0.07 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.13 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.87 dBV/m**	Grid 2 **M4** **20.16 dBV/m**	Grid 3 **M4** **20.63 dBV/m**
Grid 4 **M4** **21.1 dBV/m**	Grid 5 **M4** **23.13 dBV/m**	Grid 6 **M4** **23.13 dBV/m**
Grid 7 **M4** **24.24 dBV/m**	Grid 8 **M4** **25.6 dBV/m**	Grid 9 **M4** **25.16 dBV/m**



0 dB = 19.06 V/m = 25.60 dBV/m

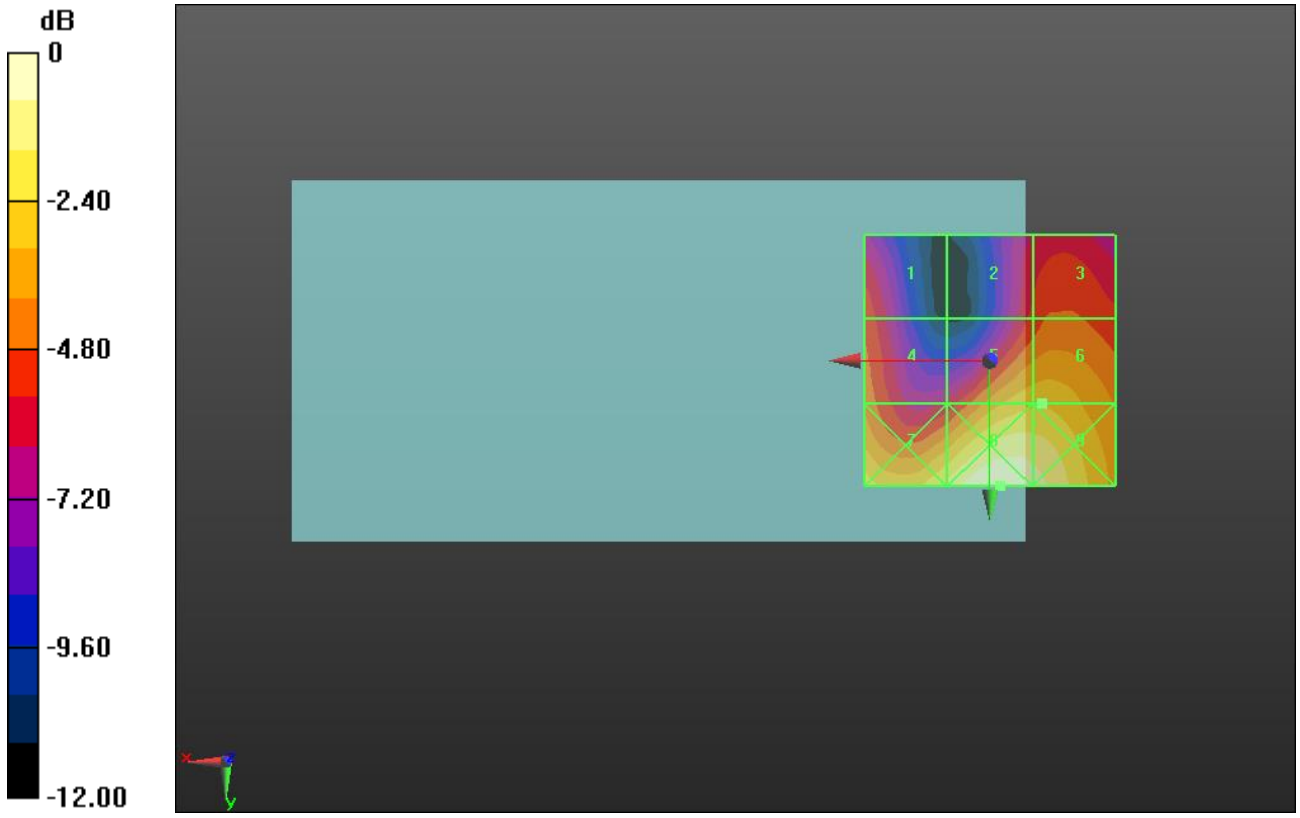
HAC-RF Emission

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 = 12.66 V/m; Power Drift = 0.08 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.01 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.49 dBV/m**	Grid 2 **M4** **20.21 dBV/m**	Grid 3 **M4** **20.86 dBV/m**
Grid 4 **M4** **21.41 dBV/m**	Grid 5 **M4** **22.96 dBV/m**	Grid 6 **M4** **23.01 dBV/m**
Grid 7 **M4** **24.17 dBV/m**	Grid 8 **M4** **25.51 dBV/m**	Grid 9 **M4** **25.09 dBV/m**



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

HAC-RF Emission

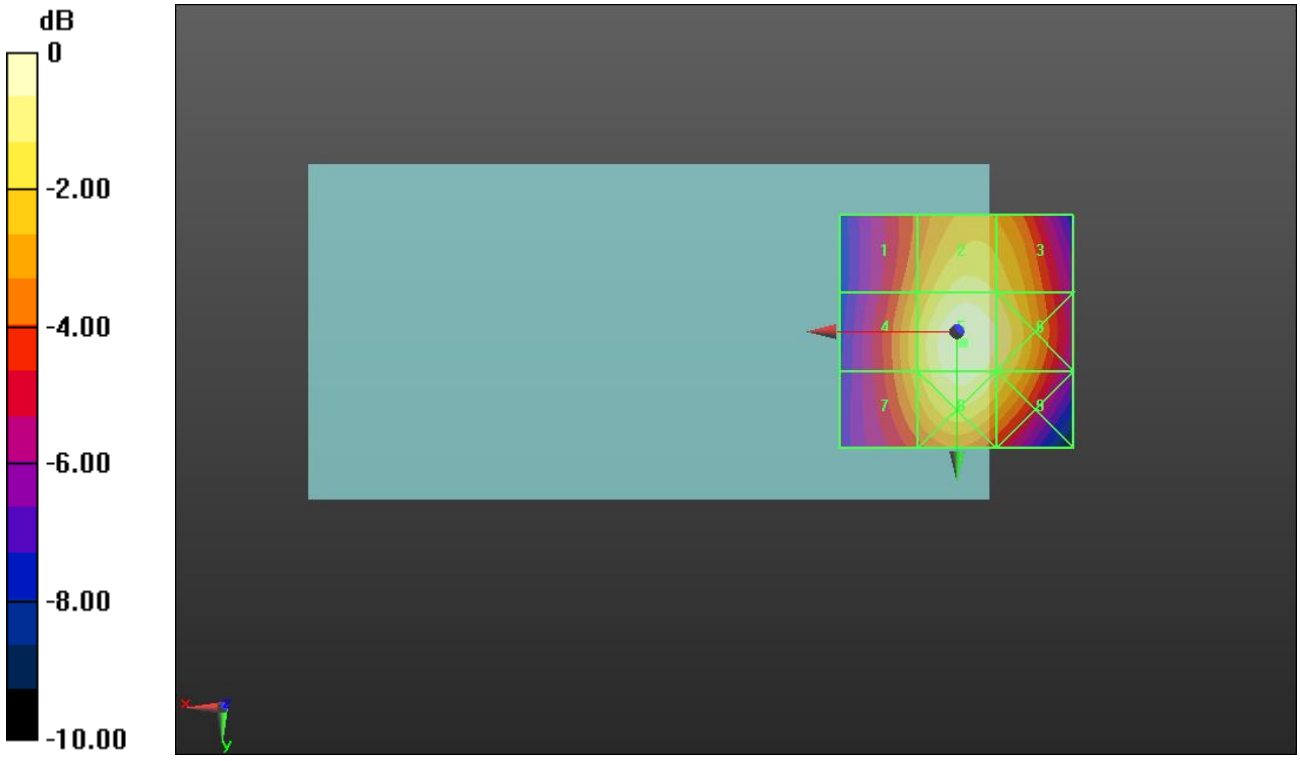
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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 = 112.7 V/m; Power Drift = 0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 39.29 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **36.45 dBV/m**	Grid 2 **M4** **38.35 dBV/m**	Grid 3 **M4** **37.92 dBV/m**
Grid 4 **M4** **37.34 dBV/m**	Grid 5 **M4** **39.29 dBV/m**	Grid 6 **M4** **38.64 dBV/m**
Grid 7 **M4** **37.12 dBV/m**	Grid 8 **M4** **38.97 dBV/m**	Grid 9 **M4** **38.1 dBV/m**



0 dB = 92.15 V/m = 39.29 dBV/m

HAC-RF Emission

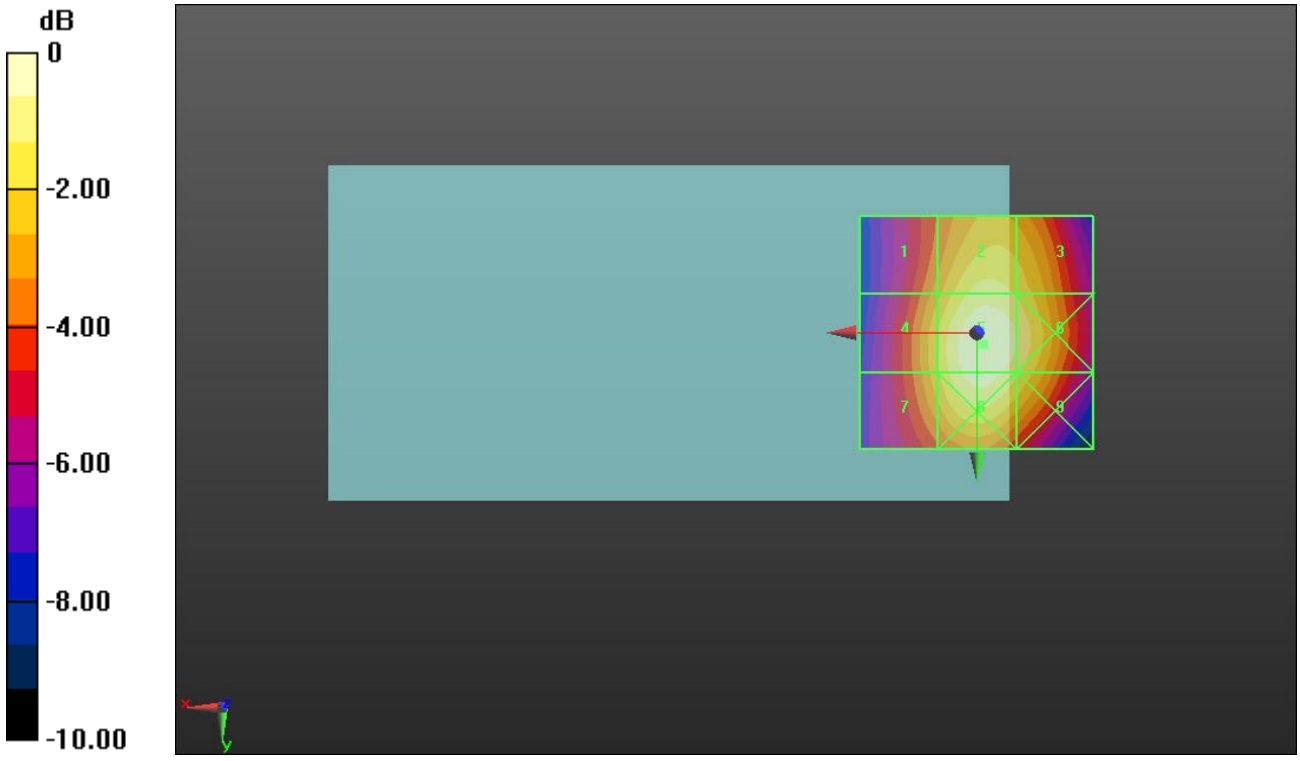
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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 = 117.1 V/m; Power Drift = 0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 39.60 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **36.69 dBV/m**	Grid 2 **M4** **38.62 dBV/m**	Grid 3 **M4** **38.19 dBV/m**
Grid 4 **M4** **37.66 dBV/m**	Grid 5 **M4** **39.6 dBV/m**	Grid 6 **M4** **38.93 dBV/m**
Grid 7 **M4** **37.47 dBV/m**	Grid 8 **M4** **39.31 dBV/m**	Grid 9 **M4** **38.44 dBV/m**



0 dB = 95.49 V/m = 39.60 dBV/m

HAC-RF Emission

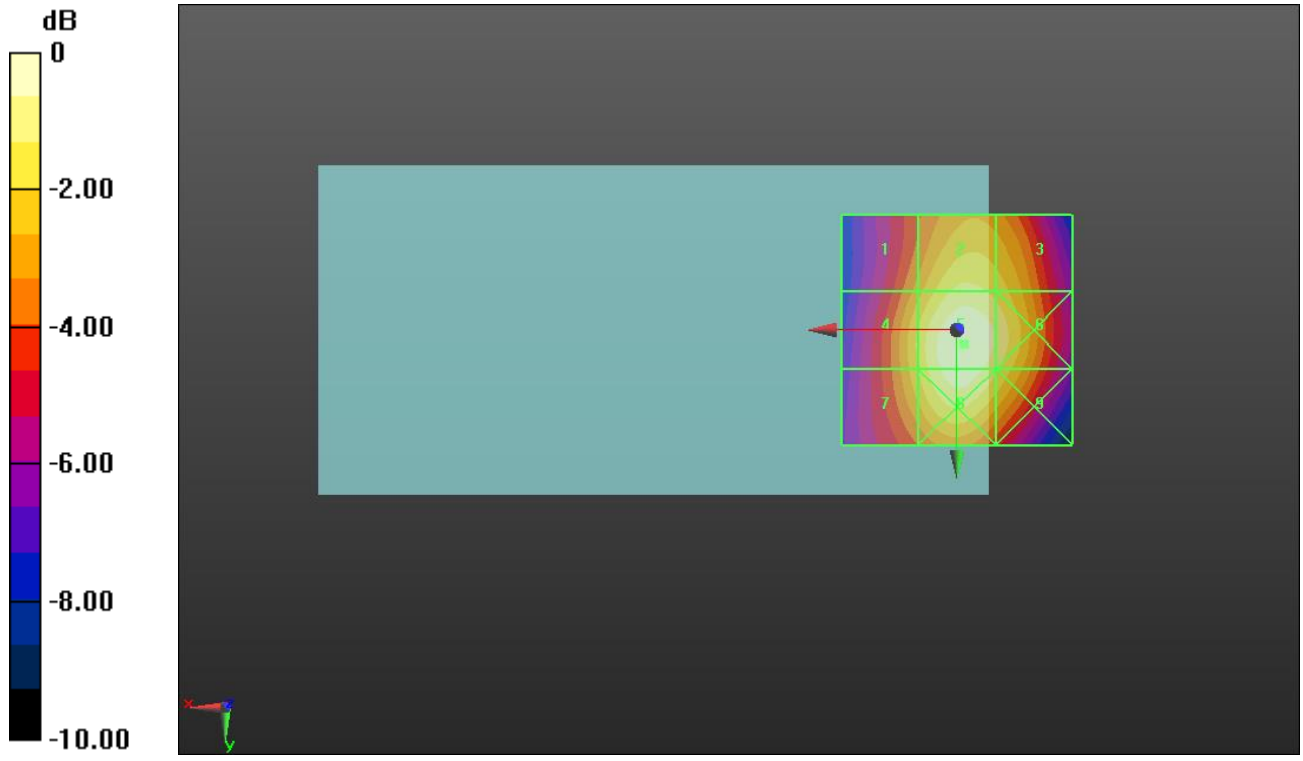
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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 = 118.5 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 39.74 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **36.79 dBV/m**	Grid 2 **M4** **38.64 dBV/m**	Grid 3 **M4** **38.21 dBV/m**
Grid 4 **M4** **37.87 dBV/m**	Grid 5 **M4** **39.74 dBV/m**	Grid 6 **M4** **39 dBV/m**
Grid 7 **M4** **37.72 dBV/m**	Grid 8 **M4** **39.5 dBV/m**	Grid 9 **M4** **38.56 dBV/m**



0 dB = 97.10 V/m = 39.74 dBV/m

HAC-RF Emission

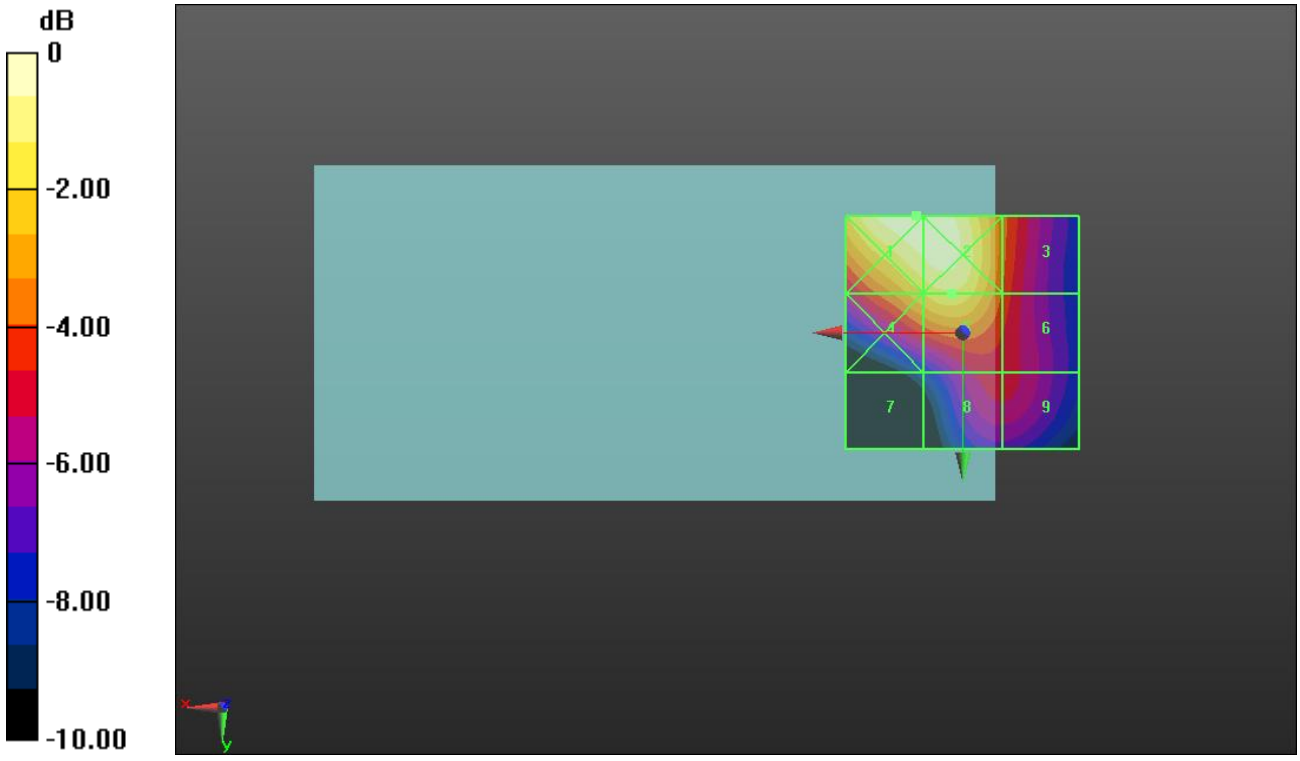
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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 = 37.56 V/m; Power Drift = 0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 34.56 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M2** **35.98 dBV/m**	Grid 2 **M2** **35.96 dBV/m**	Grid 3 **M3** **32.34 dBV/m**
Grid 4 **M3** **33.99 dBV/m**	Grid 5 **M3** **34.56 dBV/m**	Grid 6 **M3** **31.91 dBV/m**
Grid 7 **M4** **27.93 dBV/m**	Grid 8 **M3** **31.03 dBV/m**	Grid 9 **M3** **31.01 dBV/m**



0 dB = 62.93 V/m = 35.98 dBV/m

HAC-RF Emission

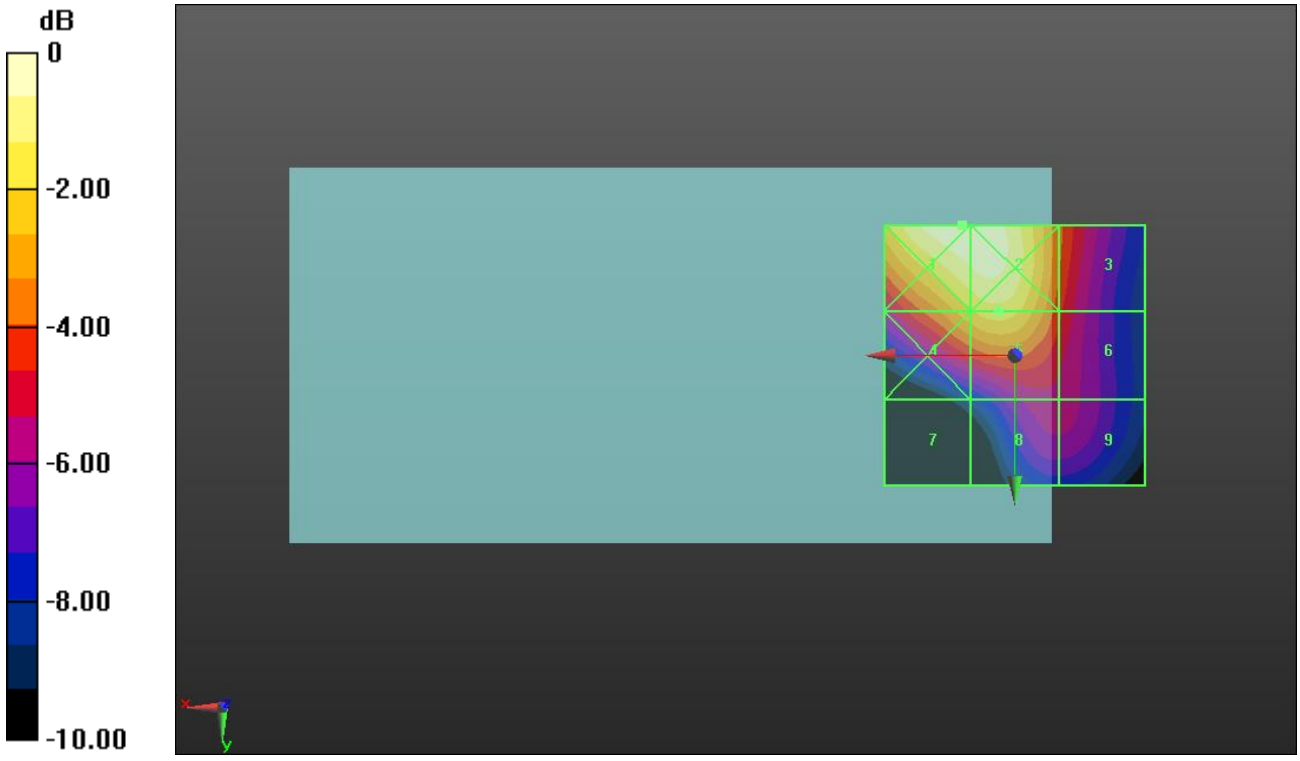
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- 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 = 33.51 V/m; Power Drift = -0.00 dB
Applied MIF = 3.63 dB
RF audio interference level = 33.54 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M2** **35.15 dBV/m**	Grid 2 **M2** **35.14 dBV/m**	Grid 3 **M3** **31.39 dBV/m**
Grid 4 **M3** **33.03 dBV/m**	Grid 5 **M3** **33.54 dBV/m**	Grid 6 **M3** **30.71 dBV/m**
Grid 7 **M4** **26.93 dBV/m**	Grid 8 **M4** **29.65 dBV/m**	Grid 9 **M4** **29.6 dBV/m**



0 dB = 57.24 V/m = 35.15 dBV/m

HAC-RF Emission

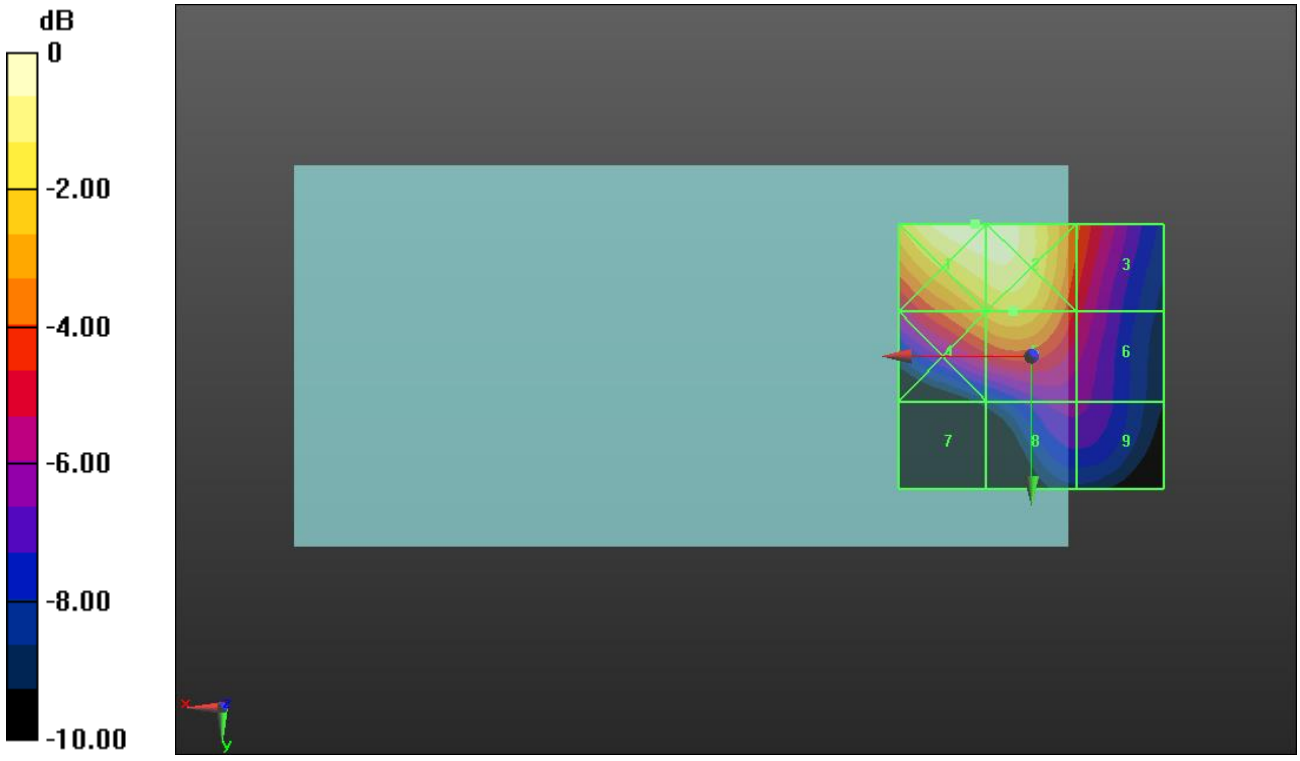
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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 = 30.42 V/m; Power Drift = -0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 32.81 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **34.79 dBV/m**	Grid 2 **M3** **34.76 dBV/m**	Grid 3 **M3** **31.03 dBV/m**
Grid 4 **M3** **32.4 dBV/m**	Grid 5 **M3** **32.81 dBV/m**	Grid 6 **M4** **29.89 dBV/m**
Grid 7 **M4** **26.05 dBV/m**	Grid 8 **M4** **28.43 dBV/m**	Grid 9 **M4** **28.37 dBV/m**



0 dB = 54.91 V/m = 34.79 dBV/m

HAC-RF Emission

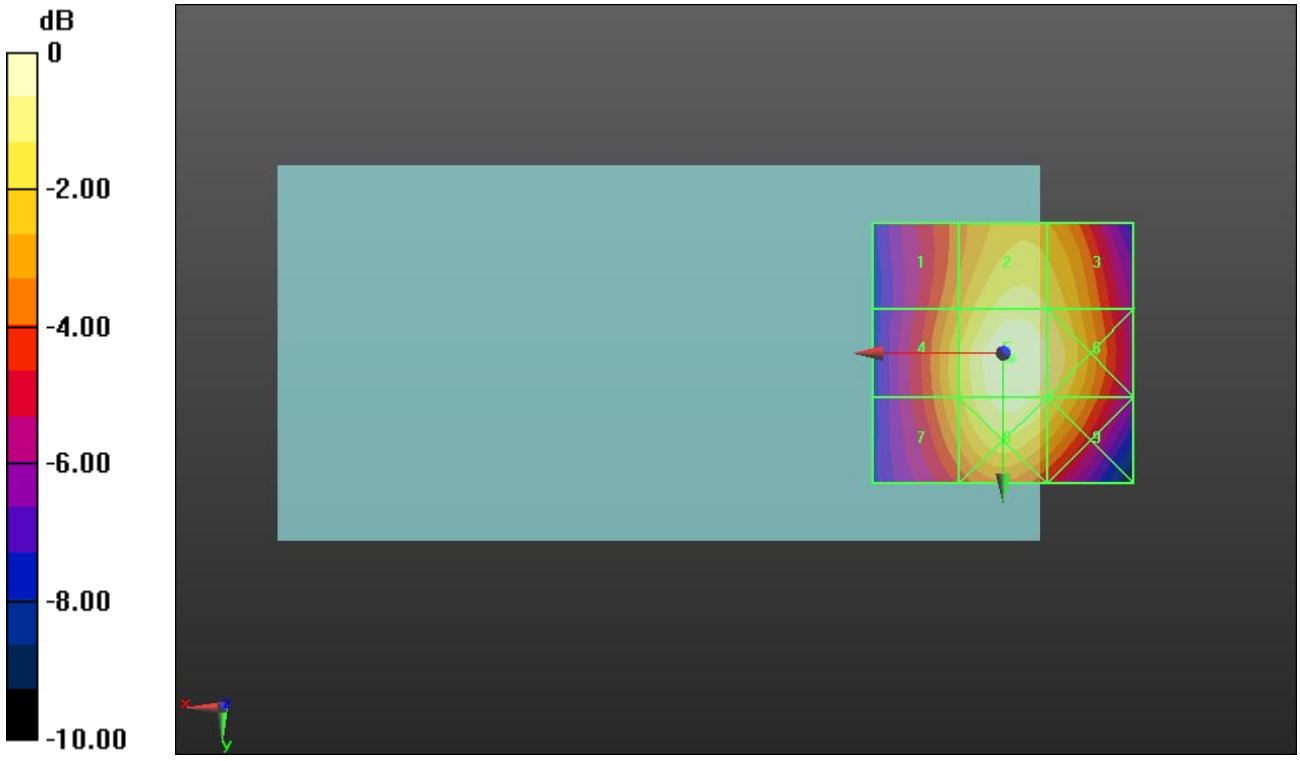
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 824.7 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 56.33 V/m; Power Drift = 0.02 dB
Applied MIF = 3.26 dB
RF audio interference level = 32.97 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **30.16 dBV/m**	Grid 2 **M4** **32.06 dBV/m**	Grid 3 **M4** **31.67 dBV/m**
Grid 4 **M4** **31.04 dBV/m**	Grid 5 **M4** **32.97 dBV/m**	Grid 6 **M4** **32.36 dBV/m**
Grid 7 **M4** **30.74 dBV/m**	Grid 8 **M4** **32.64 dBV/m**	Grid 9 **M4** **31.81 dBV/m**



0 dB = 44.52 V/m = 32.97 dBV/m

HAC-RF Emission

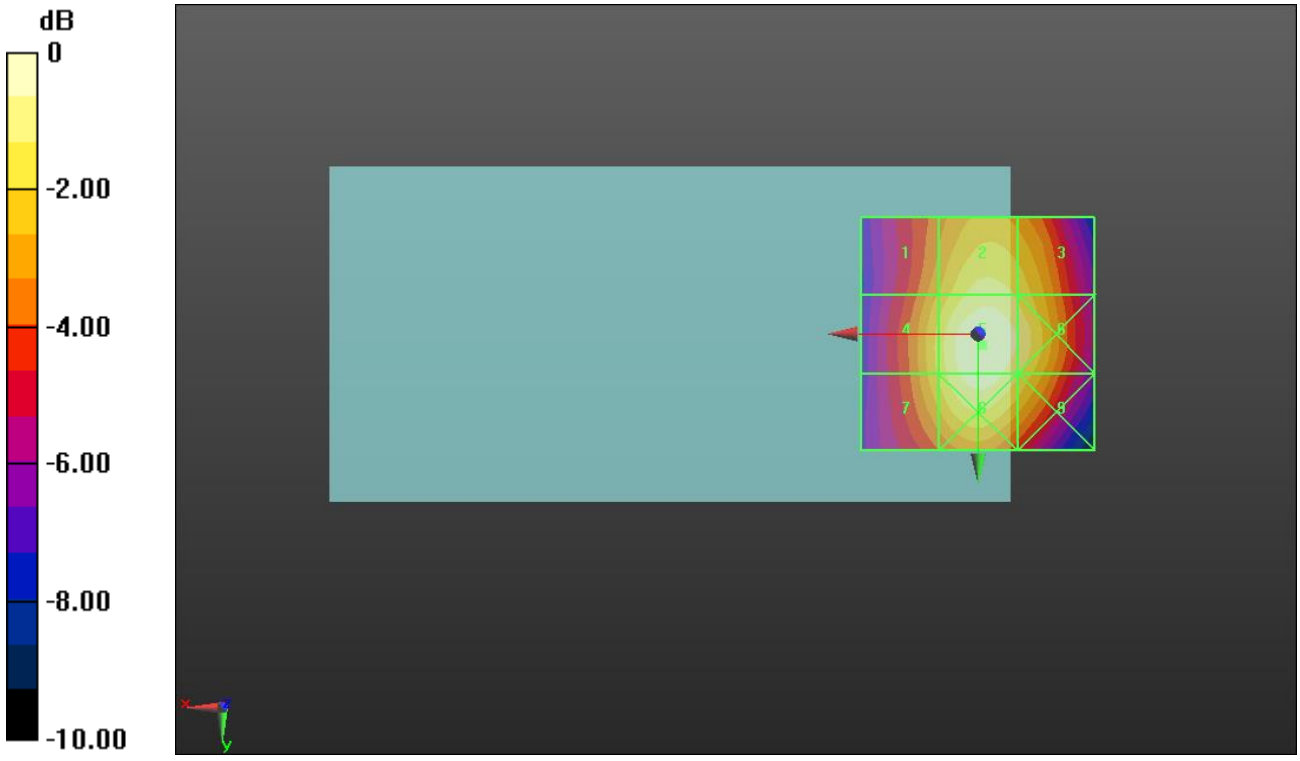
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 836.52 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 57.42 V/m; Power Drift = -0.00 dB
Applied MIF = 3.26 dB
RF audio interference level = 33.14 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **30.53 dBV/m**	Grid 2 **M4** **32.21 dBV/m**	Grid 3 **M4** **31.7 dBV/m**
Grid 4 **M4** **31.43 dBV/m**	Grid 5 **M4** **33.14 dBV/m**	Grid 6 **M4** **32.44 dBV/m**
Grid 7 **M4** **31.25 dBV/m**	Grid 8 **M4** **32.84 dBV/m**	Grid 9 **M4** **31.9 dBV/m**



0 dB = 45.38 V/m = 33.14 dBV/m

HAC-RF Emission

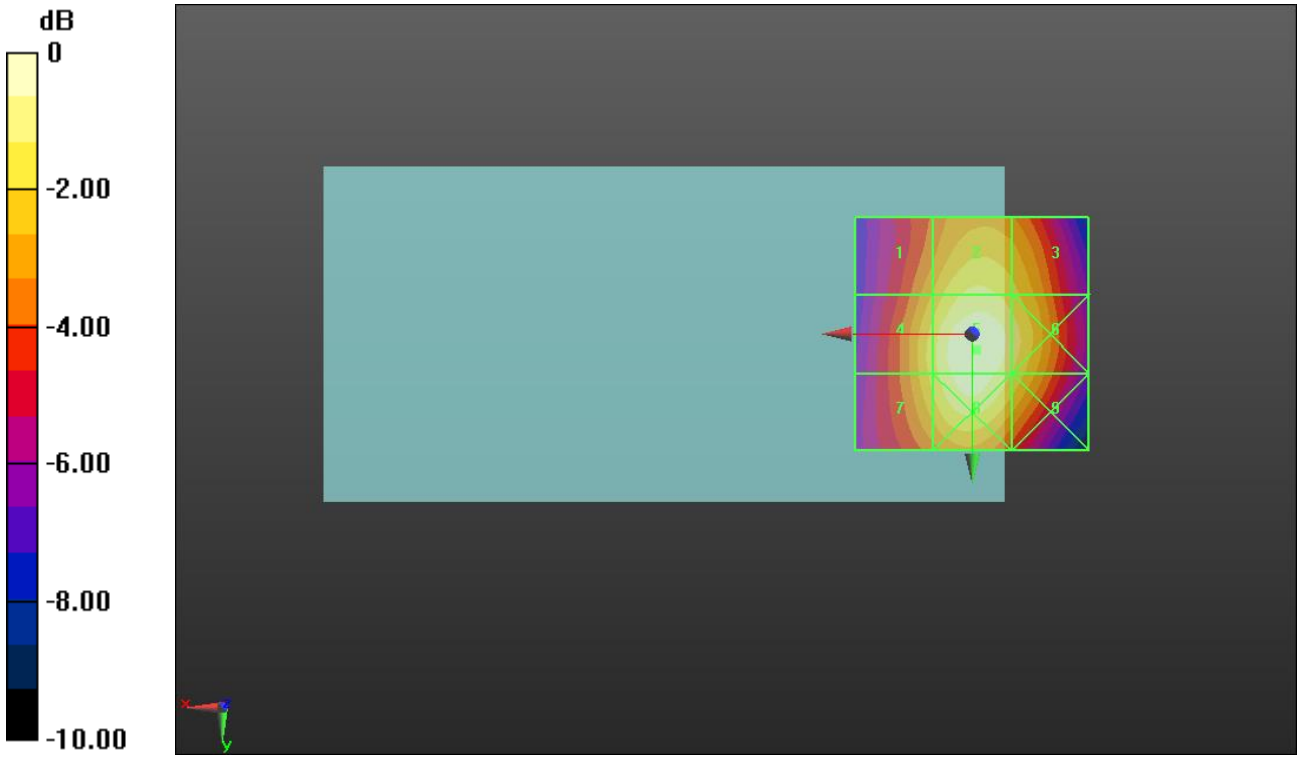
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 848.31 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 58.15 V/m; Power Drift = -0.12 dB
Applied MIF = 3.26 dB
RF audio interference level = 33.14 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **30.54 dBV/m**	Grid 2 **M4** **32.04 dBV/m**	Grid 3 **M4** **31.45 dBV/m**
Grid 4 **M4** **31.59 dBV/m**	Grid 5 **M4** **33.14 dBV/m**	Grid 6 **M4** **32.25 dBV/m**
Grid 7 **M4** **31.44 dBV/m**	Grid 8 **M4** **32.95 dBV/m**	Grid 9 **M4** **31.81 dBV/m**



0 dB = 45.42 V/m = 33.14 dBV/m

HAC-RF Emission

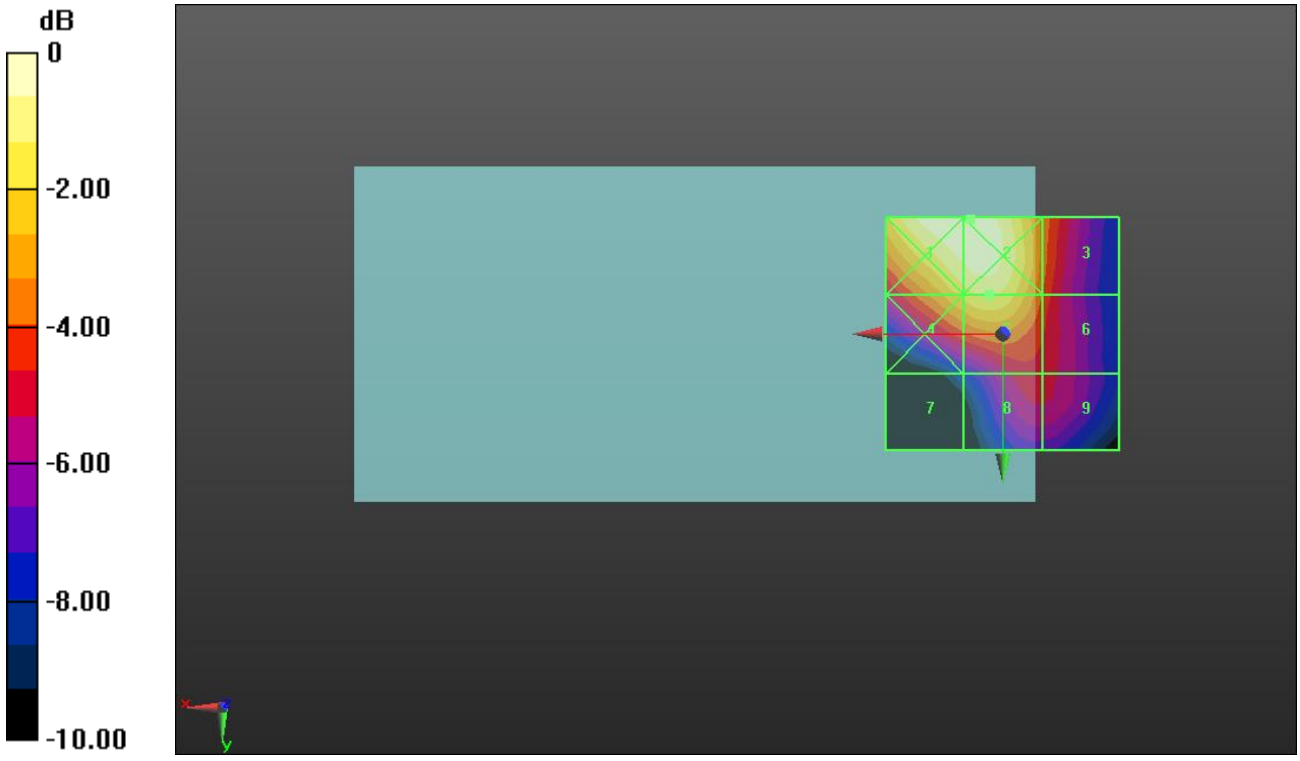
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1851.25 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 19.94 V/m; Power Drift = 0.03 dB
Applied MIF = 3.26 dB
RF audio interference level = 28.58 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **29.83 dBV/m**	Grid 2 **M4** **29.83 dBV/m**	Grid 3 **M4** **26.34 dBV/m**
Grid 4 **M4** **28.08 dBV/m**	Grid 5 **M4** **28.58 dBV/m**	Grid 6 **M4** **25.82 dBV/m**
Grid 7 **M4** **22.07 dBV/m**	Grid 8 **M4** **24.98 dBV/m**	Grid 9 **M4** **24.86 dBV/m**



0 dB = 31.03 V/m = 29.84 dBV/m

HAC-RF Emission

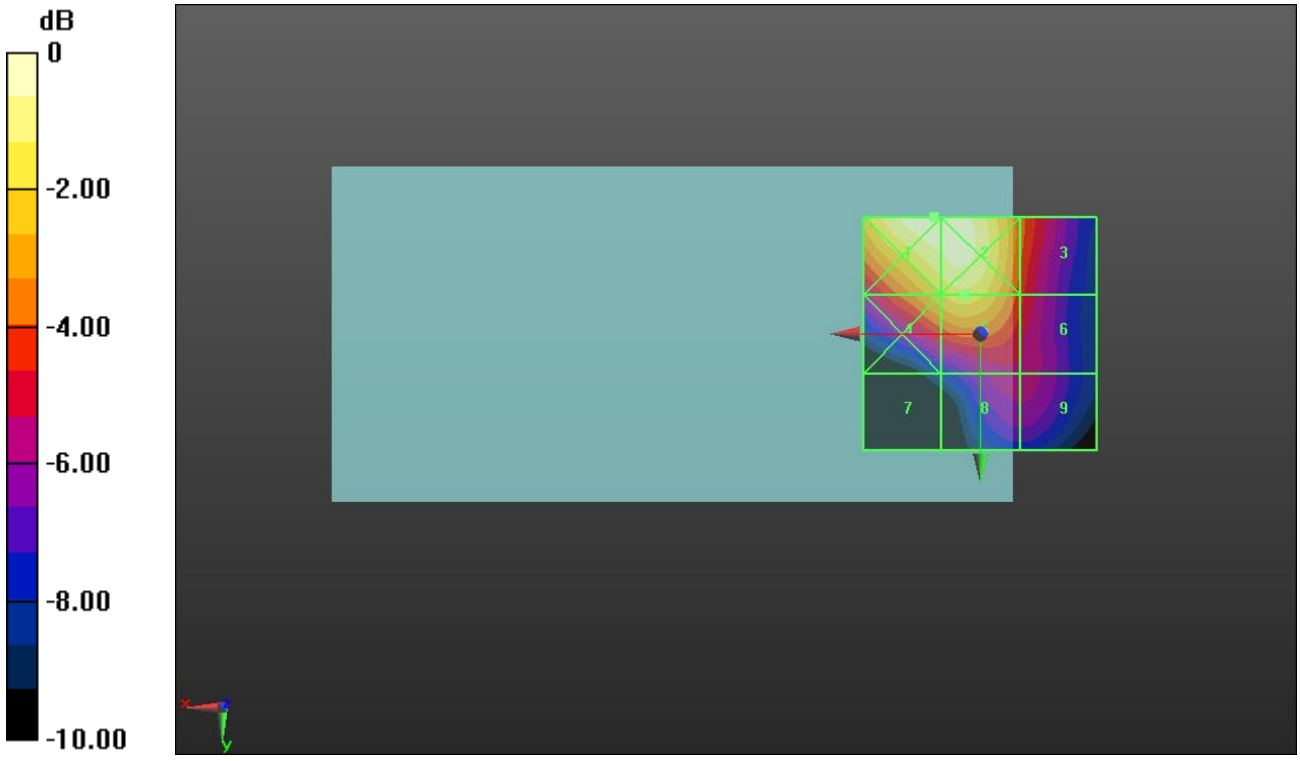
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 19.40 V/m; Power Drift = -0.09 dB
Applied MIF = 3.26 dB
RF audio interference level = 28.33 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **29.88 dBV/m**	Grid 2 **M4** **29.87 dBV/m**	Grid 3 **M4** **26.23 dBV/m**
Grid 4 **M4** **27.8 dBV/m**	Grid 5 **M4** **28.33 dBV/m**	Grid 6 **M4** **25.53 dBV/m**
Grid 7 **M4** **21.88 dBV/m**	Grid 8 **M4** **24.43 dBV/m**	Grid 9 **M4** **24.4 dBV/m**



0 dB = 31.18 V/m = 29.88 dBV/m

HAC-RF Emission

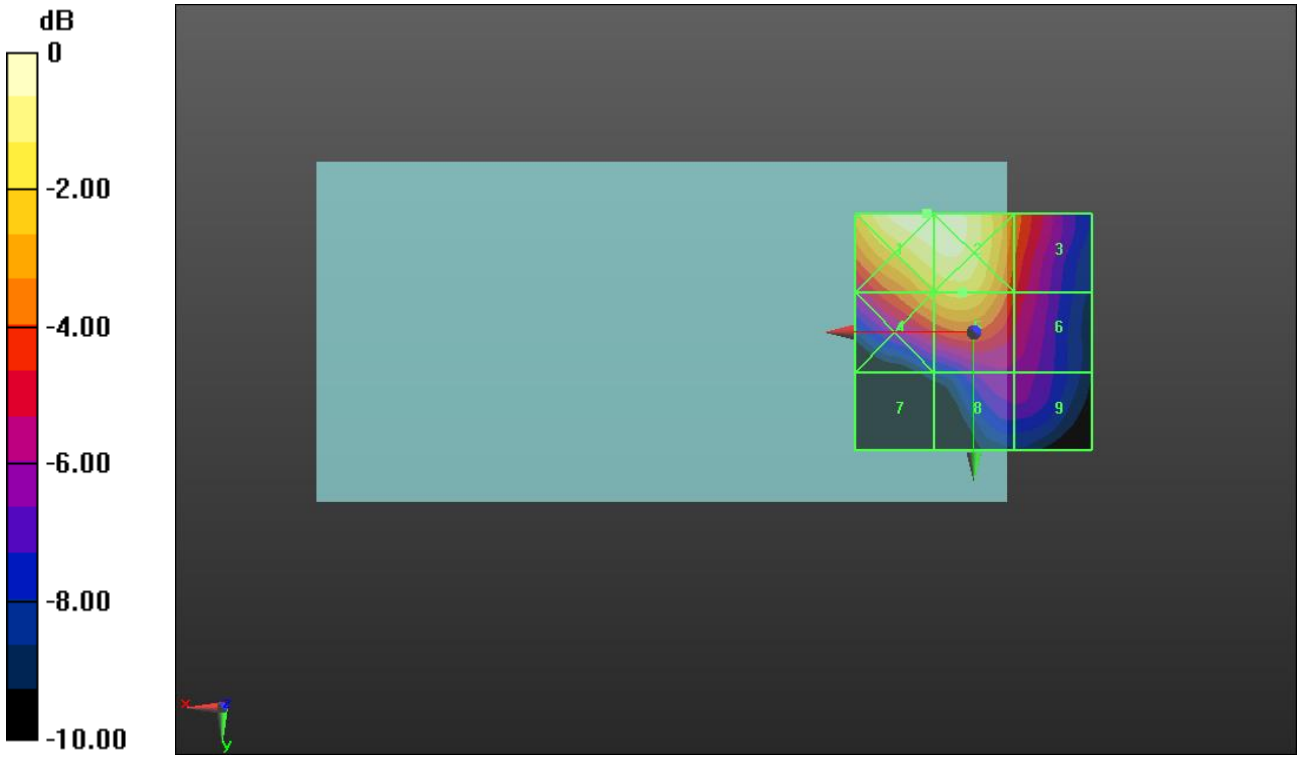
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1908.75 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 18.15 V/m; Power Drift = -0.02 dB
Applied MIF = 3.26 dB
RF audio interference level = 27.83 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **29.57 dBV/m**	Grid 2 **M4** **29.56 dBV/m**	Grid 3 **M4** **26.04 dBV/m**
Grid 4 **M4** **27.34 dBV/m**	Grid 5 **M4** **27.83 dBV/m**	Grid 6 **M4** **25.07 dBV/m**
Grid 7 **M4** **21.07 dBV/m**	Grid 8 **M4** **23.53 dBV/m**	Grid 9 **M4** **23.41 dBV/m**



0 dB = 30.08 V/m = 29.57 dBV/m

HAC-RF Emission

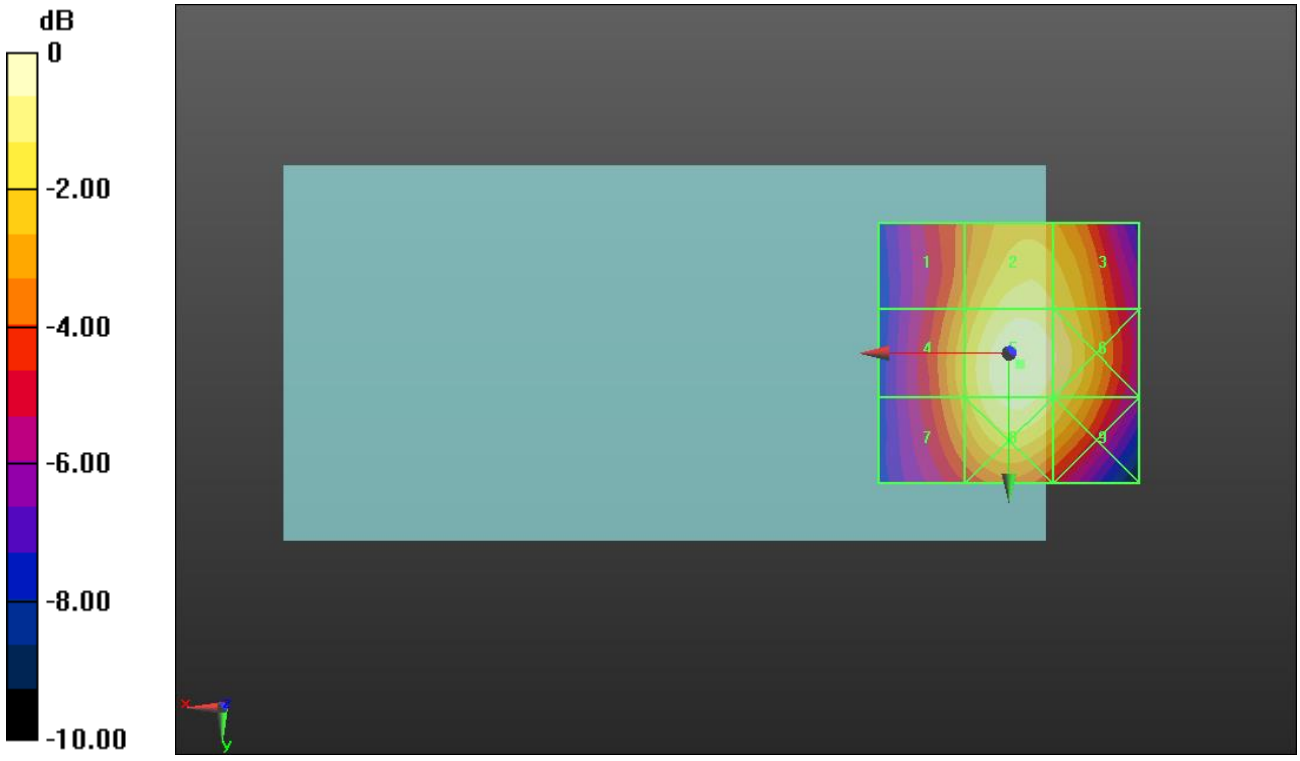
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.3 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 817.3 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 55.20 V/m; Power Drift = -0.04 dB
Applied MIF = 3.26 dB
RF audio interference level = 32.71 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **29.88 dBV/m**	Grid 2 **M4** **31.85 dBV/m**	Grid 3 **M4** **31.49 dBV/m**
Grid 4 **M4** **30.7 dBV/m**	Grid 5 **M4** **32.71 dBV/m**	Grid 6 **M4** **32.14 dBV/m**
Grid 7 **M4** **30.43 dBV/m**	Grid 8 **M4** **32.34 dBV/m**	Grid 9 **M4** **31.56 dBV/m**



0 dB = 43.23 V/m = 32.72 dBV/m

HAC-RF Emission

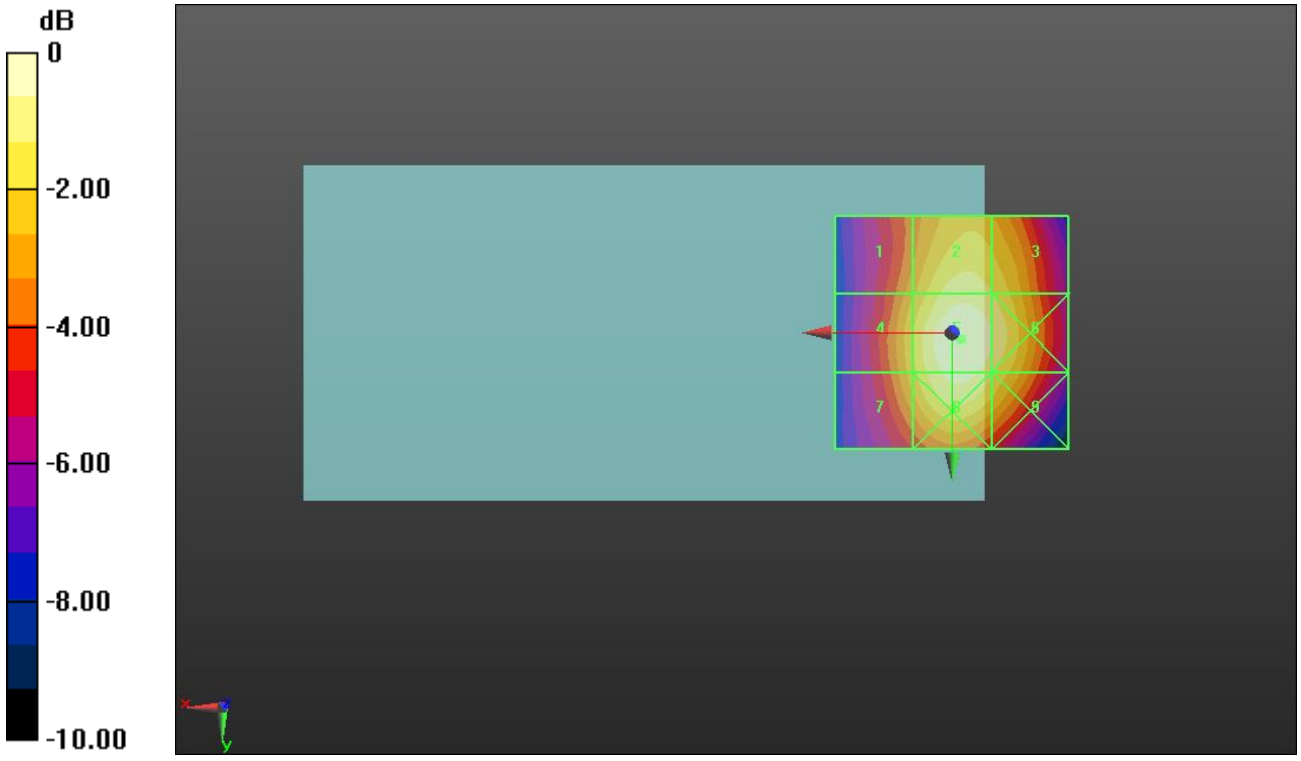
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 820 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 55.38 V/m; Power Drift = -0.02 dB
Applied MIF = 3.26 dB
RF audio interference level = 32.80 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **29.97 dBV/m**	Grid 2 **M4** **31.92 dBV/m**	Grid 3 **M4** **31.51 dBV/m**
Grid 4 **M4** **30.8 dBV/m**	Grid 5 **M4** **32.8 dBV/m**	Grid 6 **M4** **32.17 dBV/m**
Grid 7 **M4** **30.54 dBV/m**	Grid 8 **M4** **32.41 dBV/m**	Grid 9 **M4** **31.61 dBV/m**



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

HAC-RF Emission

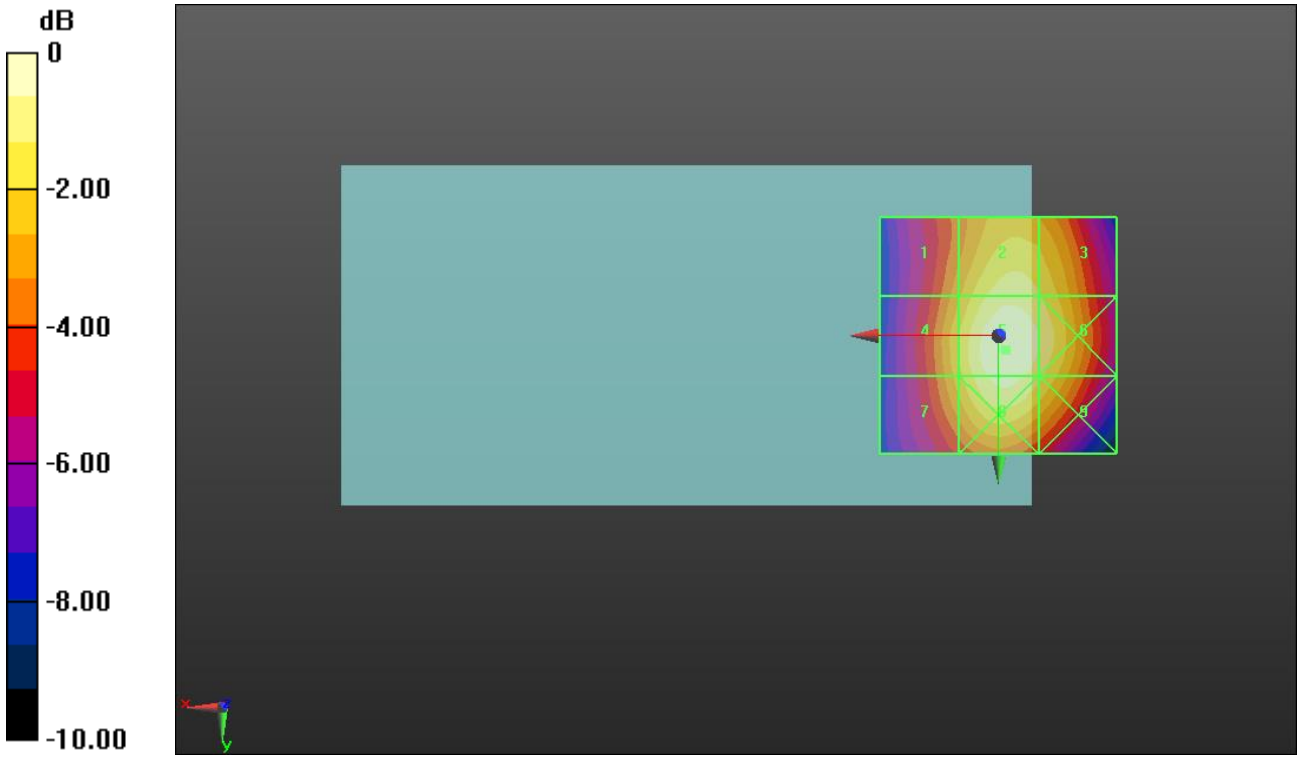
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 822.75 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 822.75 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 56.10 V/m; Power Drift = -0.05 dB
Applied MIF = 3.26 dB
RF audio interference level = 32.89 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **30.09 dBV/m**	Grid 2 **M4** **32.02 dBV/m**	Grid 3 **M4** **31.63 dBV/m**
Grid 4 **M4** **30.9 dBV/m**	Grid 5 **M4** **32.89 dBV/m**	Grid 6 **M4** **32.24 dBV/m**
Grid 7 **M4** **30.61 dBV/m**	Grid 8 **M4** **32.54 dBV/m**	Grid 9 **M4** **31.76 dBV/m**



0 dB = 44.13 V/m = 32.89 dBV/m

HAC-RF Emission

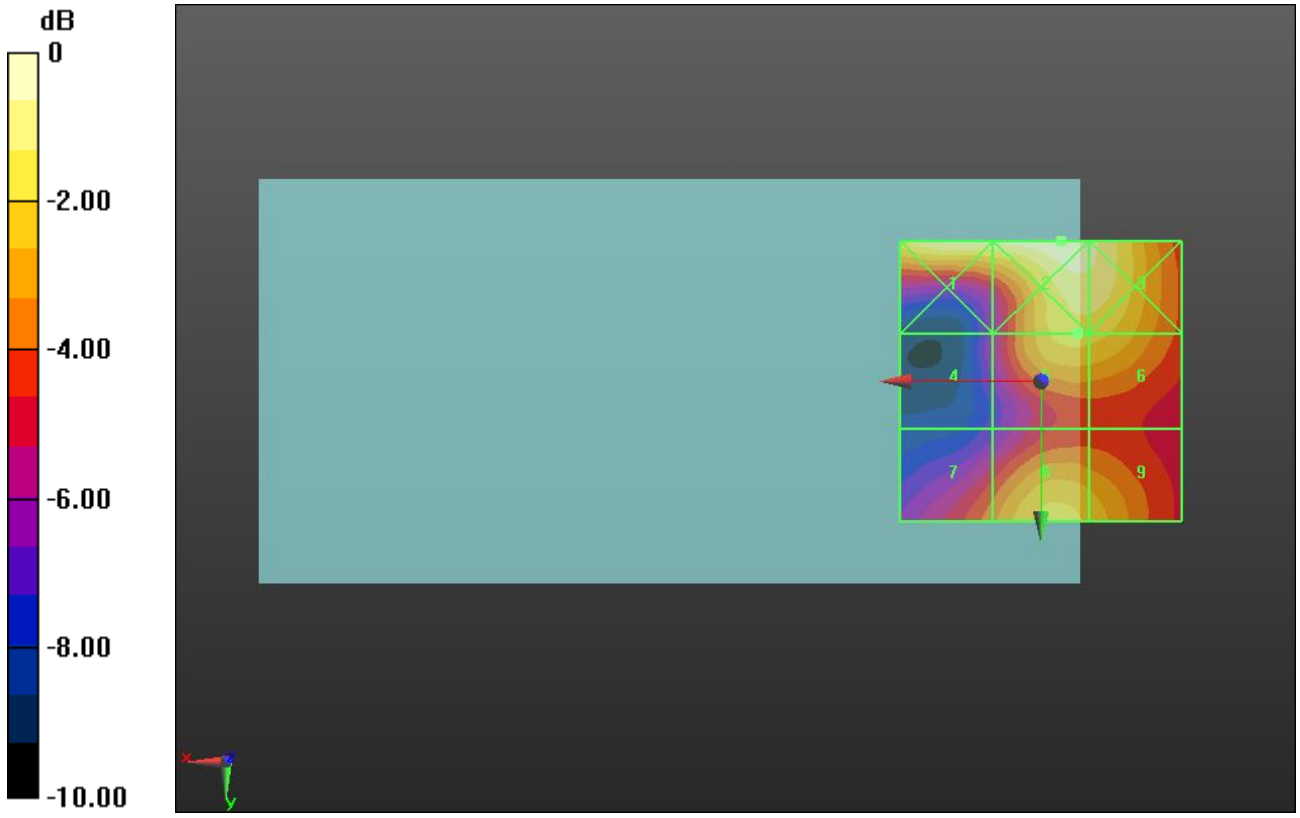
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 35.39 V/m; Power Drift = 0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 27.31 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.66 dBV/m**	Grid 2 **M4** **28.98 dBV/m**	Grid 3 **M4** **28.59 dBV/m**
Grid 4 **M4** **23.04 dBV/m**	Grid 5 **M4** **27.31 dBV/m**	Grid 6 **M4** **27.26 dBV/m**
Grid 7 **M4** **25.51 dBV/m**	Grid 8 **M4** **27.24 dBV/m**	Grid 9 **M4** **26.82 dBV/m**



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

HAC-RF Emission

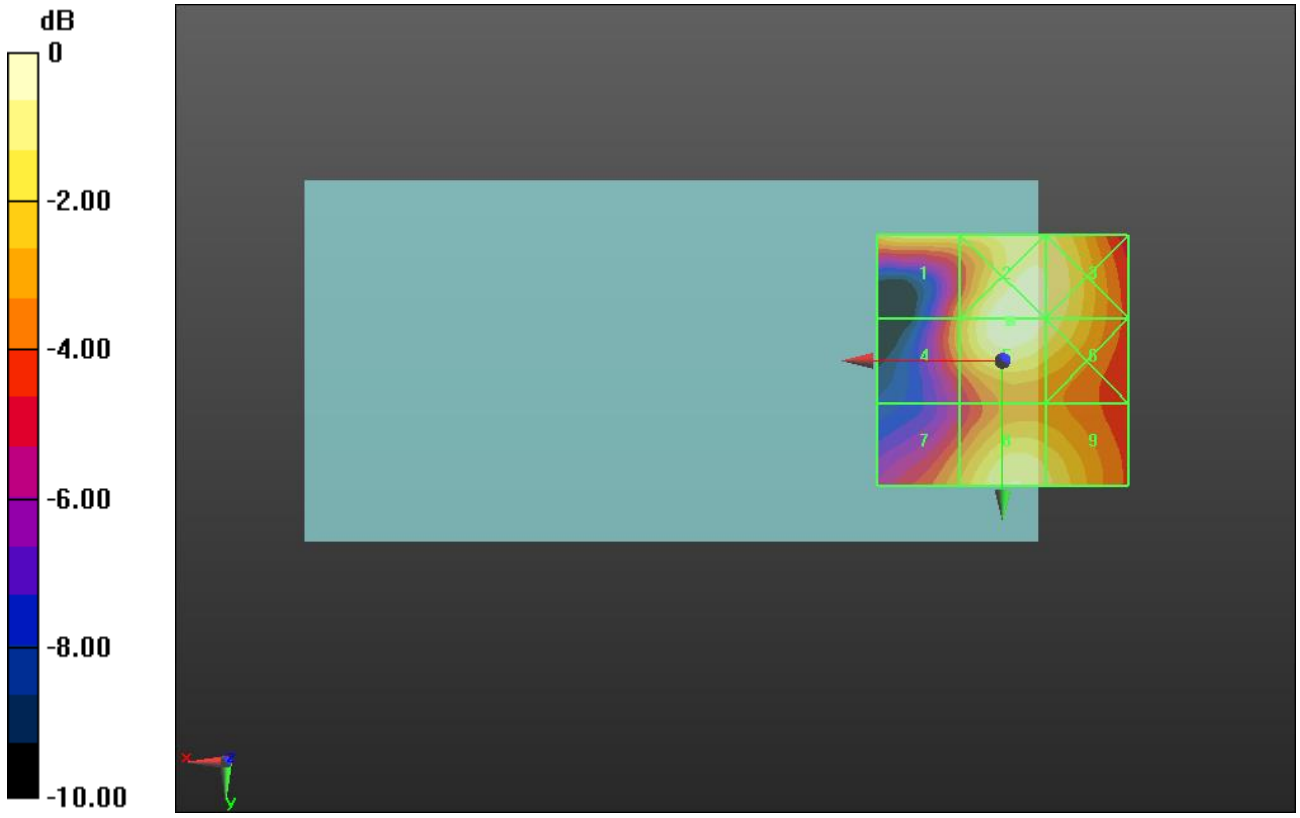
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 49.23 V/m; Power Drift = -0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 29.22 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.82 dBV/m**	Grid 2 **M4** **29.22 dBV/m**	Grid 3 **M4** **28.66 dBV/m**
Grid 4 **M4** **26.54 dBV/m**	Grid 5 **M4** **29.22 dBV/m**	Grid 6 **M4** **28.53 dBV/m**
Grid 7 **M4** **26.67 dBV/m**	Grid 8 **M4** **28.6 dBV/m**	Grid 9 **M4** **28.14 dBV/m**



0 dB = 28.92 V/m = 29.22 dBV/m

HAC-RF Emission

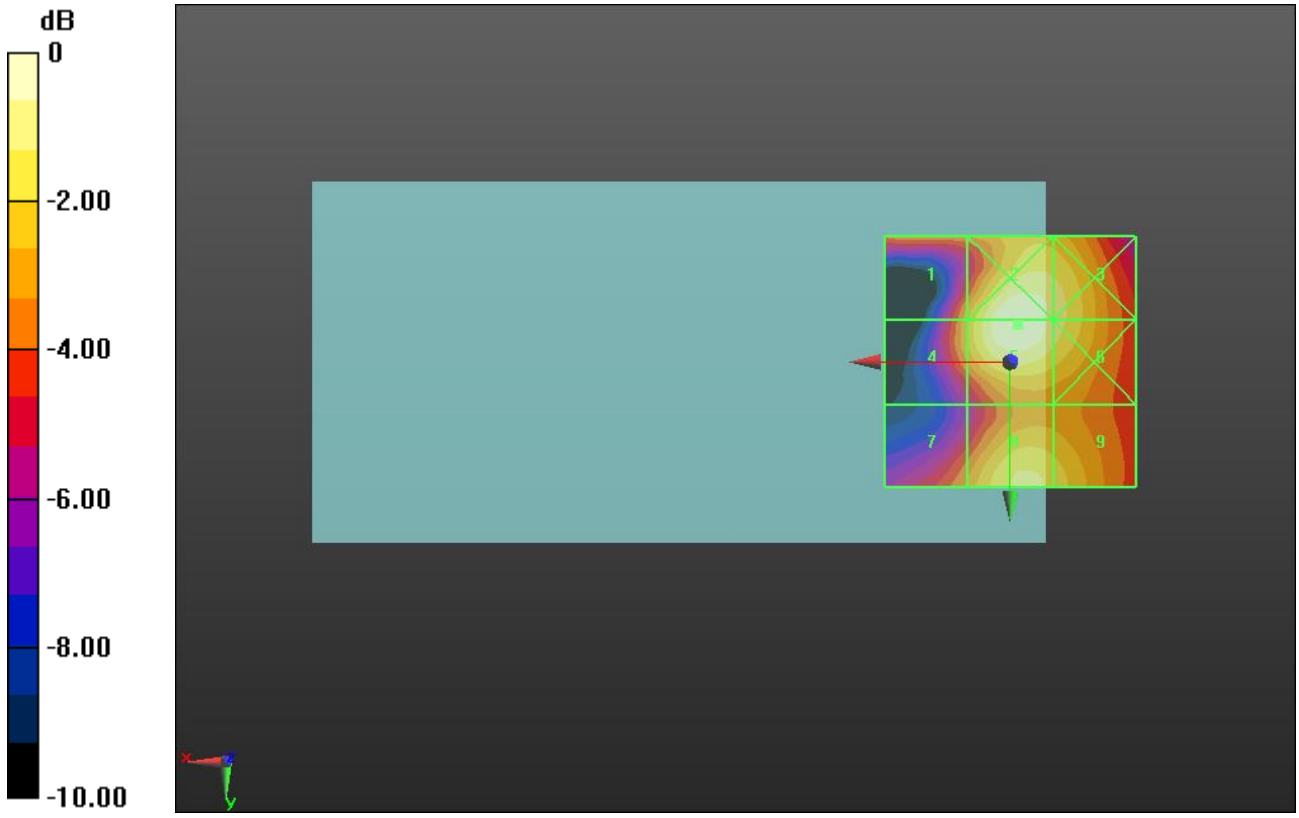
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 58.96 V/m; Power Drift = 0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 30.56 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **27.86 dBV/m**	Grid 2 **M3** **30.55 dBV/m**	Grid 3 **M4** **29.7 dBV/m**
Grid 4 **M4** **28.07 dBV/m**	Grid 5 **M3** **30.56 dBV/m**	Grid 6 **M4** **29.7 dBV/m**
Grid 7 **M4** **27.45 dBV/m**	Grid 8 **M4** **29.41 dBV/m**	Grid 9 **M4** **29.02 dBV/m**



0 dB = 33.73 V/m = 30.56 dBV/m

HAC-RF Emission

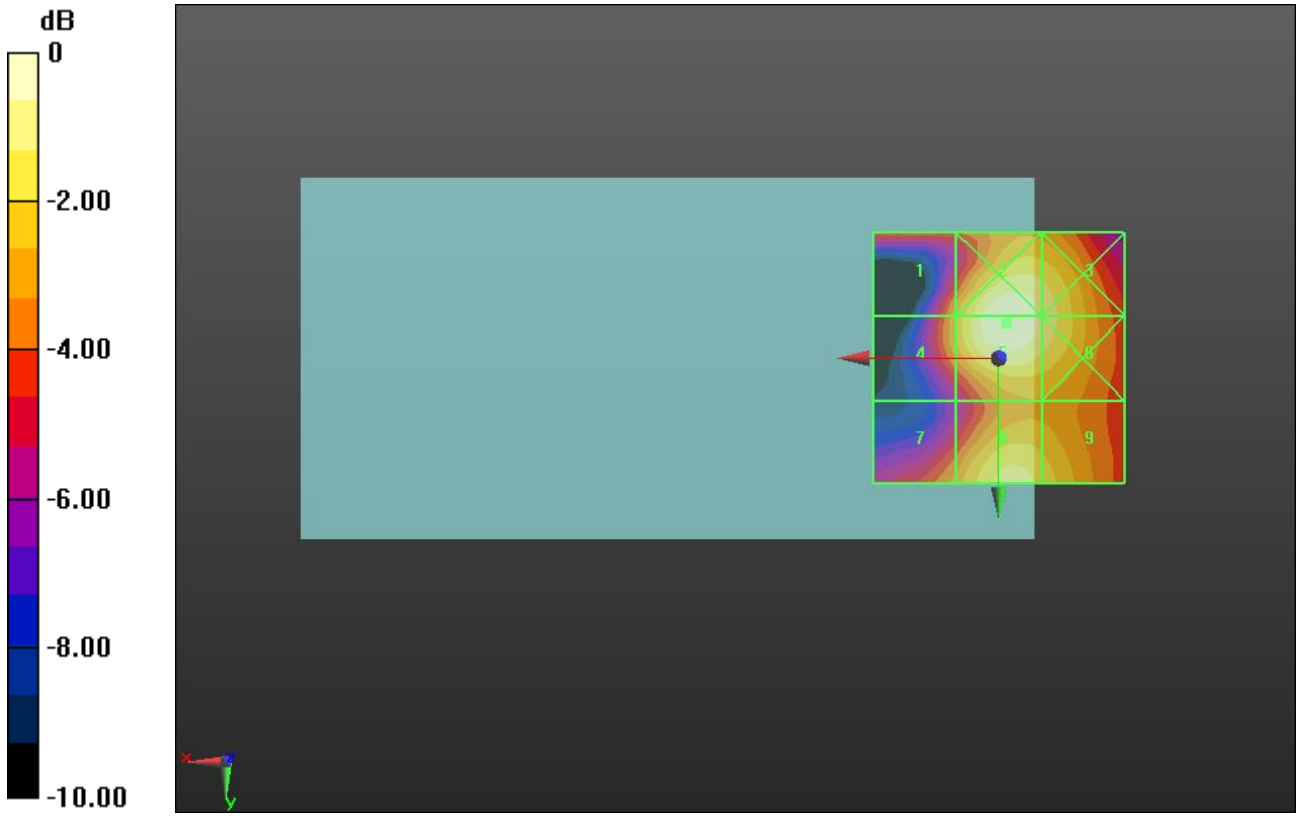
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 61.98 V/m; Power Drift = -0.06 dB
Applied MIF = -1.44 dB
RF audio interference level = 30.71 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **28.01 dBV/m**	Grid 2 **M3** **30.67 dBV/m**	Grid 3 **M4** **29.93 dBV/m**
Grid 4 **M4** **28.2 dBV/m**	Grid 5 **M3** **30.71 dBV/m**	Grid 6 **M4** **29.93 dBV/m**
Grid 7 **M4** **27.75 dBV/m**	Grid 8 **M4** **29.64 dBV/m**	Grid 9 **M4** **29.17 dBV/m**



0 dB = 34.31 V/m = 30.71 dBV/m

HAC-RF Emission

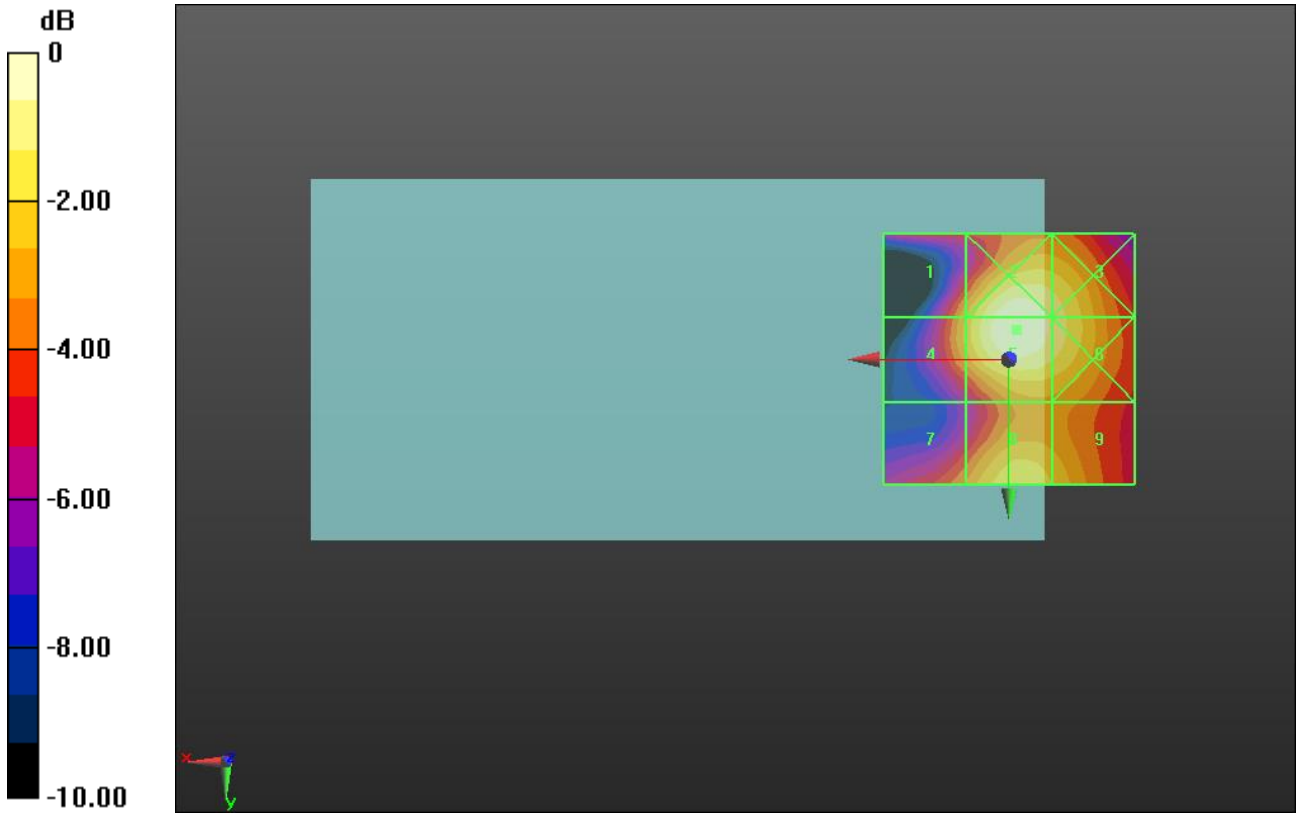
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 59.11 V/m; Power Drift = -0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 30.03 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **27.42 dBV/m**	Grid 2 **M4** **29.93 dBV/m**	Grid 3 **M4** **29.21 dBV/m**
Grid 4 **M4** **27.68 dBV/m**	Grid 5 **M3** **30.03 dBV/m**	Grid 6 **M4** **29.25 dBV/m**
Grid 7 **M4** **26.84 dBV/m**	Grid 8 **M4** **28.62 dBV/m**	Grid 9 **M4** **28.05 dBV/m**



0 dB = 31.73 V/m = 30.03 dBV/m

HAC-RF Emission

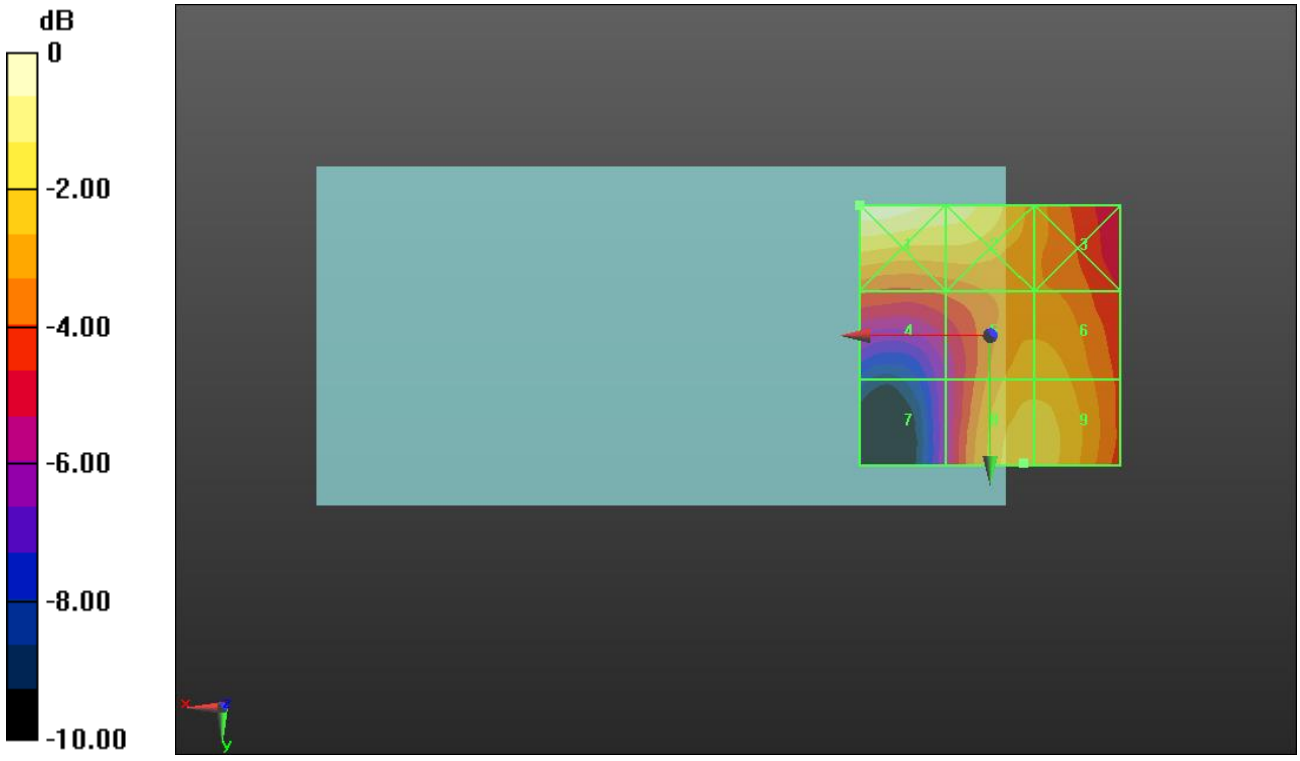
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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 = 17.72 V/m; Power Drift = -0.11 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.08 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **29.65 dBV/m**	Grid 2 **M4** **28.77 dBV/m**	Grid 3 **M4** **26.7 dBV/m**
Grid 4 **M4** **25.84 dBV/m**	Grid 5 **M4** **27.42 dBV/m**	Grid 6 **M4** **27.42 dBV/m**
Grid 7 **M4** **23.81 dBV/m**	Grid 8 **M4** **28.08 dBV/m**	Grid 9 **M4** **28.03 dBV/m**



0 dB = 30.37 V/m = 29.65 dBV/m

HAC-RF Emission

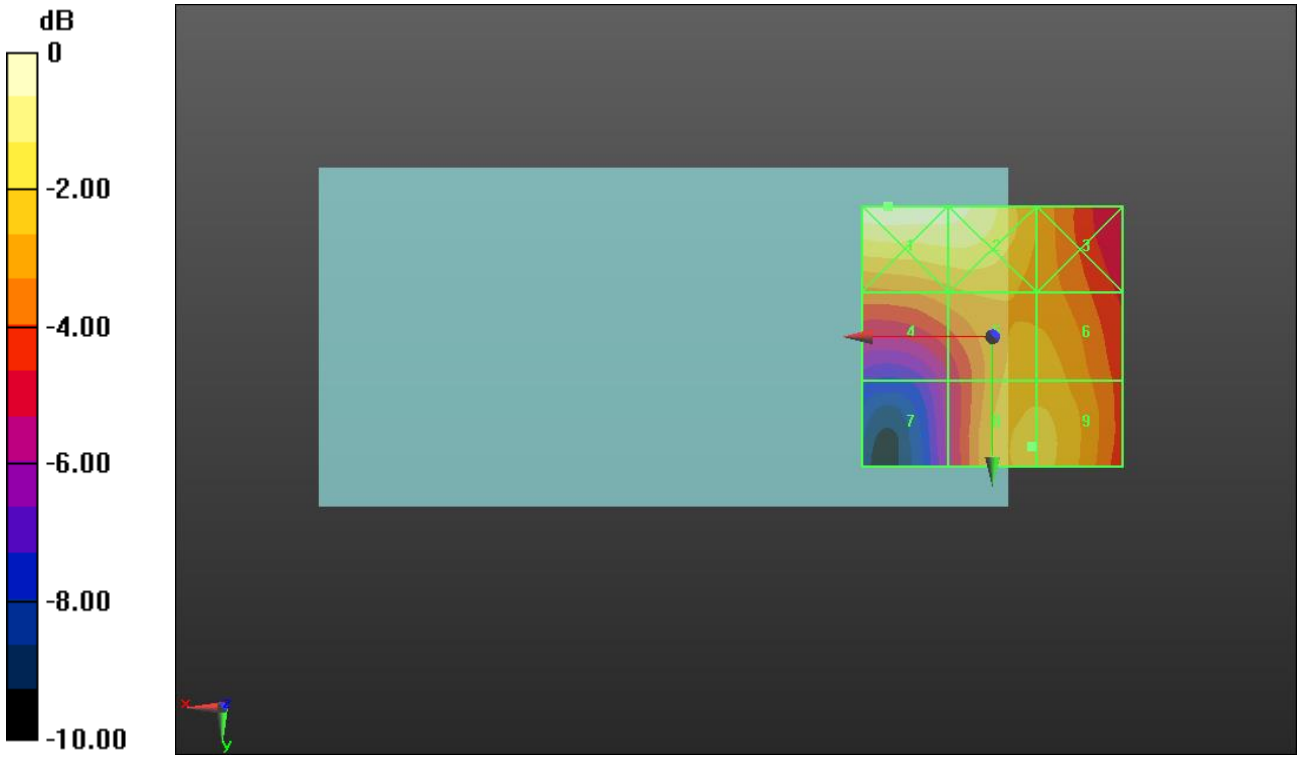
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020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

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 18.07 V/m; Power Drift = -0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 27.64 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **29.36 dBV/m**	Grid 2 **M4** **29.03 dBV/m**	Grid 3 **M4** **26.68 dBV/m**
Grid 4 **M4** **26.47 dBV/m**	Grid 5 **M4** **27.11 dBV/m**	Grid 6 **M4** **27.1 dBV/m**
Grid 7 **M4** **23.99 dBV/m**	Grid 8 **M4** **27.64 dBV/m**	Grid 9 **M4** **27.62 dBV/m**



0 dB = 29.37 V/m = 29.36 dBV/m

HAC-RF Emission

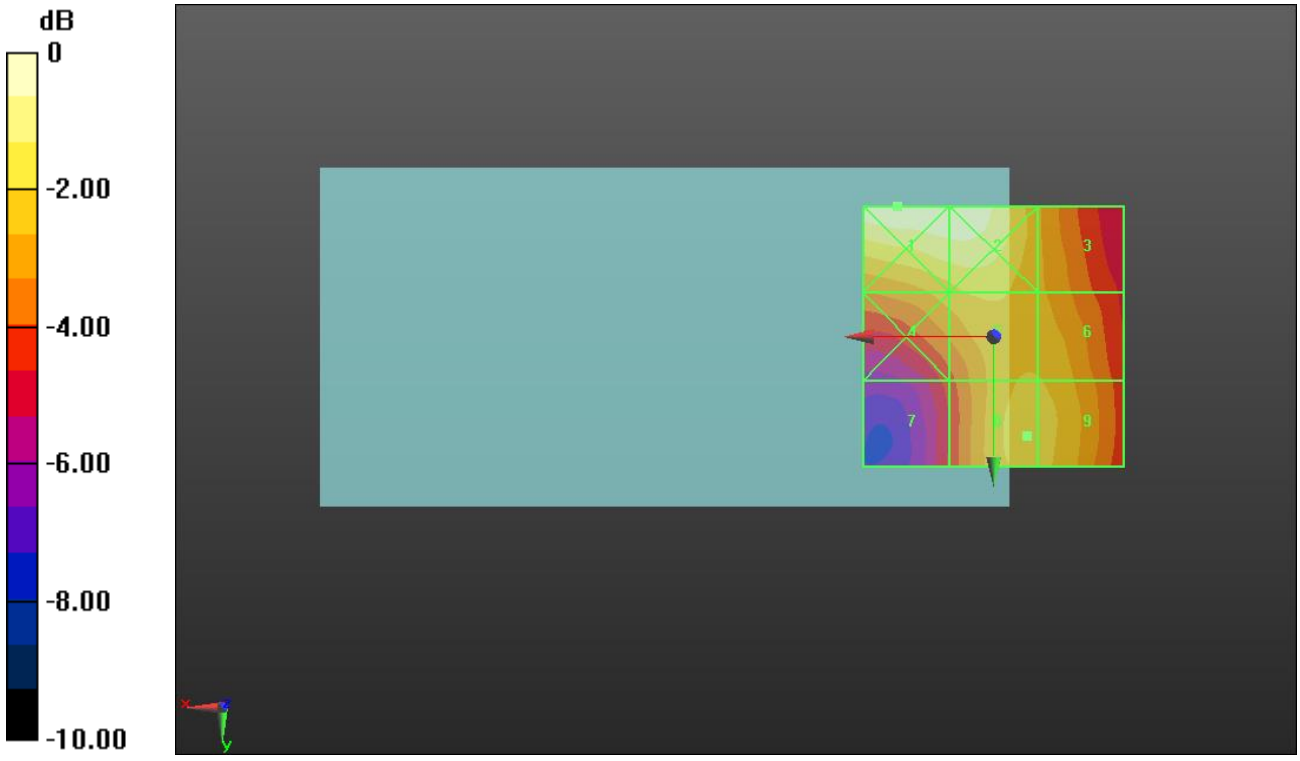
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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 = 17.87 V/m; Power Drift = -0.00 dB
Applied MIF = 3.63 dB
RF audio interference level = 27.00 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.68 dBV/m**	Grid 2 **M4** **28.6 dBV/m**	Grid 3 **M4** **26.2 dBV/m**
Grid 4 **M4** **26.4 dBV/m**	Grid 5 **M4** **26.82 dBV/m**	Grid 6 **M4** **26.72 dBV/m**
Grid 7 **M4** **24.4 dBV/m**	Grid 8 **M4** **27 dBV/m**	Grid 9 **M4** **26.96 dBV/m**



0 dB = 27.15 V/m = 28.68 dBV/m

HAC-RF Emission

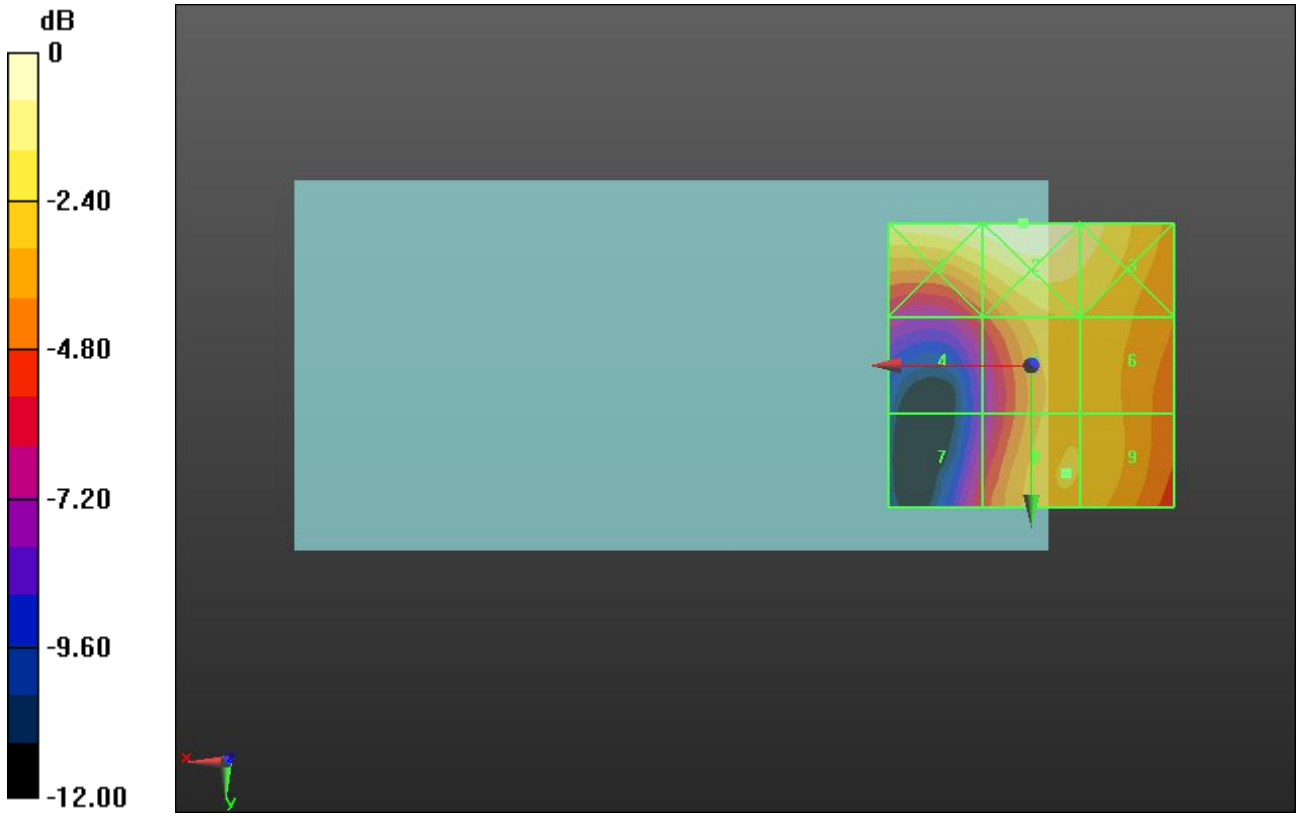
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377;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

LTE Band 41_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 = 21.64 V/m; Power Drift = 0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.15 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.1 dBV/m**	Grid 2 **M4** **26.47 dBV/m**	Grid 3 **M4** **25.53 dBV/m**
Grid 4 **M4** **21.37 dBV/m**	Grid 5 **M4** **24.11 dBV/m**	Grid 6 **M4** **24.06 dBV/m**
Grid 7 **M4** **21.16 dBV/m**	Grid 8 **M4** **24.15 dBV/m**	Grid 9 **M4** **24.09 dBV/m**



0 dB = 21.06 V/m = 26.47 dBV/m

HAC-RF Emission

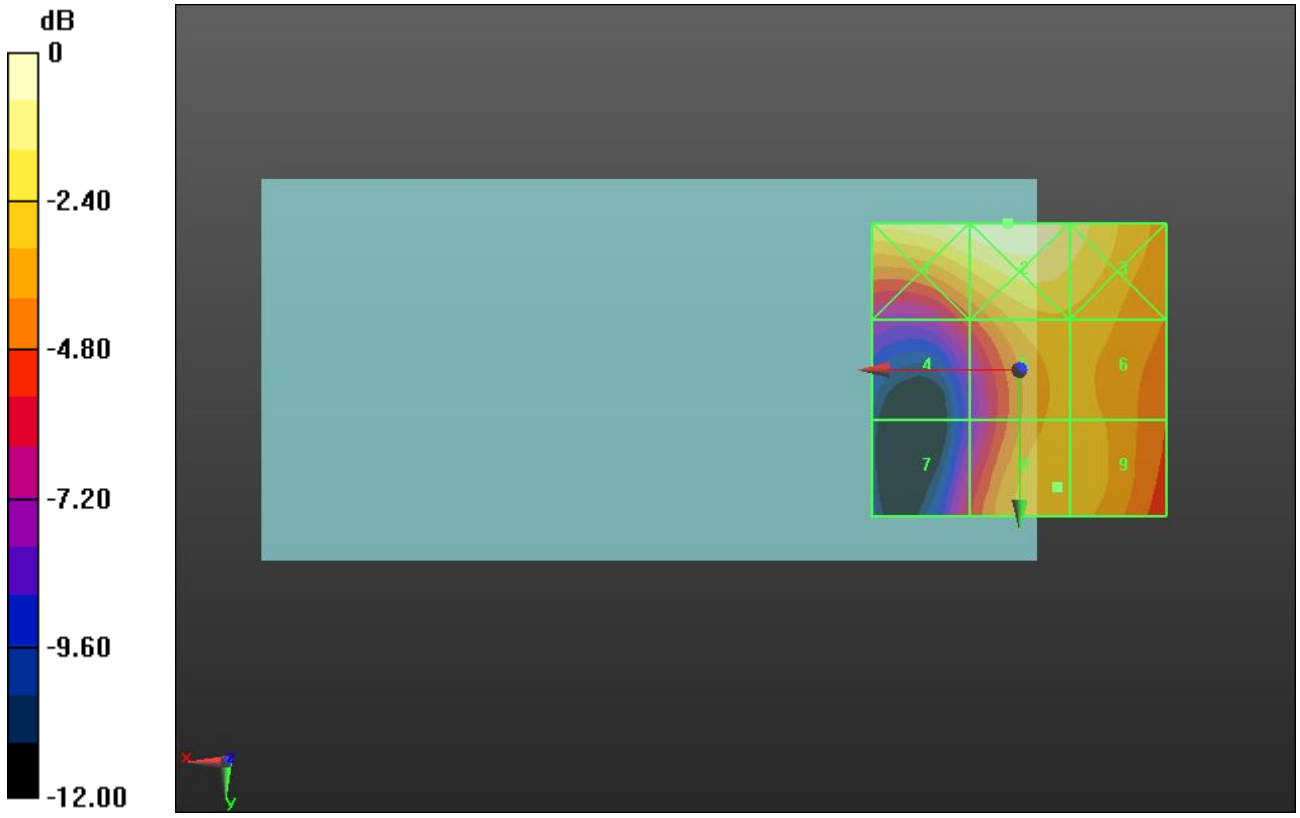
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 21.24 V/m; Power Drift = -0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.24 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.41 dBV/m**	Grid 2 **M4** **26.74 dBV/m**	Grid 3 **M4** **25.69 dBV/m**
Grid 4 **M4** **21.64 dBV/m**	Grid 5 **M4** **24.22 dBV/m**	Grid 6 **M4** **24.14 dBV/m**
Grid 7 **M4** **21.09 dBV/m**	Grid 8 **M4** **24.24 dBV/m**	Grid 9 **M4** **24.18 dBV/m**



0 dB = 21.72 V/m = 26.74 dBV/m

HAC-RF Emission

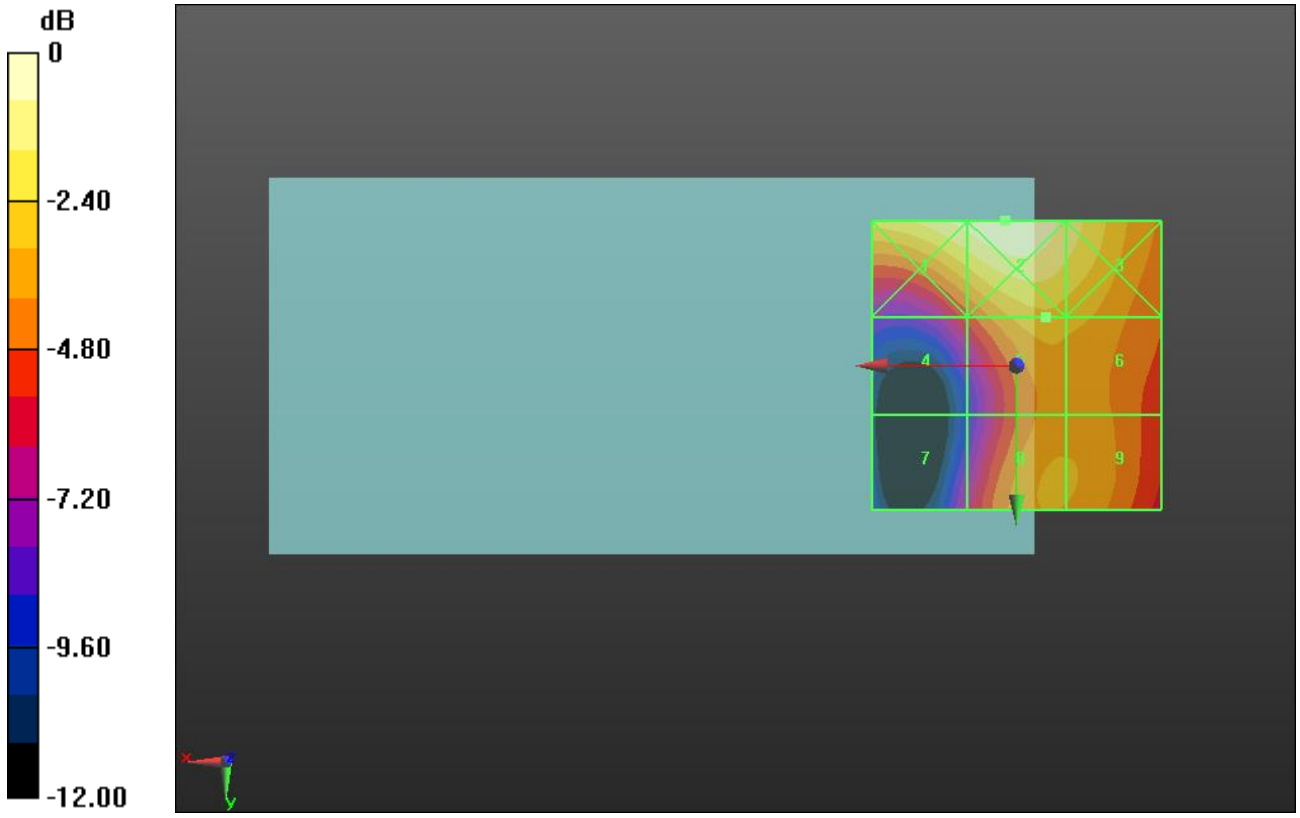
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 22.01 V/m; Power Drift = 0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.77 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.93 dBV/m**	Grid 2 **M4** **27.37 dBV/m**	Grid 3 **M4** **26.31 dBV/m**
Grid 4 **M4** **22.22 dBV/m**	Grid 5 **M4** **24.77 dBV/m**	Grid 6 **M4** **24.57 dBV/m**
Grid 7 **M4** **20.7 dBV/m**	Grid 8 **M4** **24.33 dBV/m**	Grid 9 **M4** **24.27 dBV/m**



0 dB = 23.35 V/m = 27.37 dBV/m

HAC-RF Emission

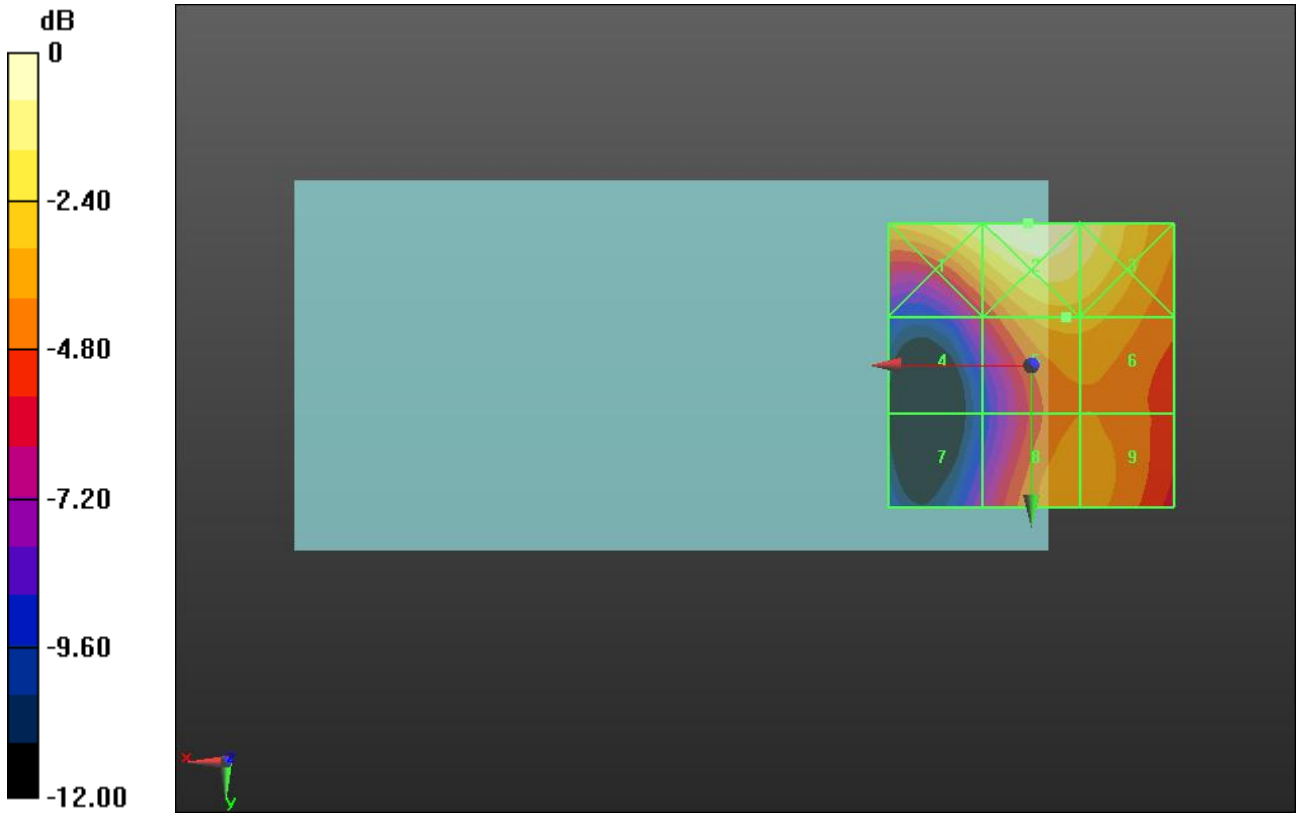
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 21.85 V/m; Power Drift = -0.09 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.02 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27 dBV/m**	Grid 2 **M4** **27.73 dBV/m**	Grid 3 **M4** **26.88 dBV/m**
Grid 4 **M4** **21.86 dBV/m**	Grid 5 **M4** **25.02 dBV/m**	Grid 6 **M4** **24.93 dBV/m**
Grid 7 **M4** **20.58 dBV/m**	Grid 8 **M4** **24.26 dBV/m**	Grid 9 **M4** **24.21 dBV/m**



0 dB = 24.34 V/m = 27.73 dBV/m

HAC-RF Emission

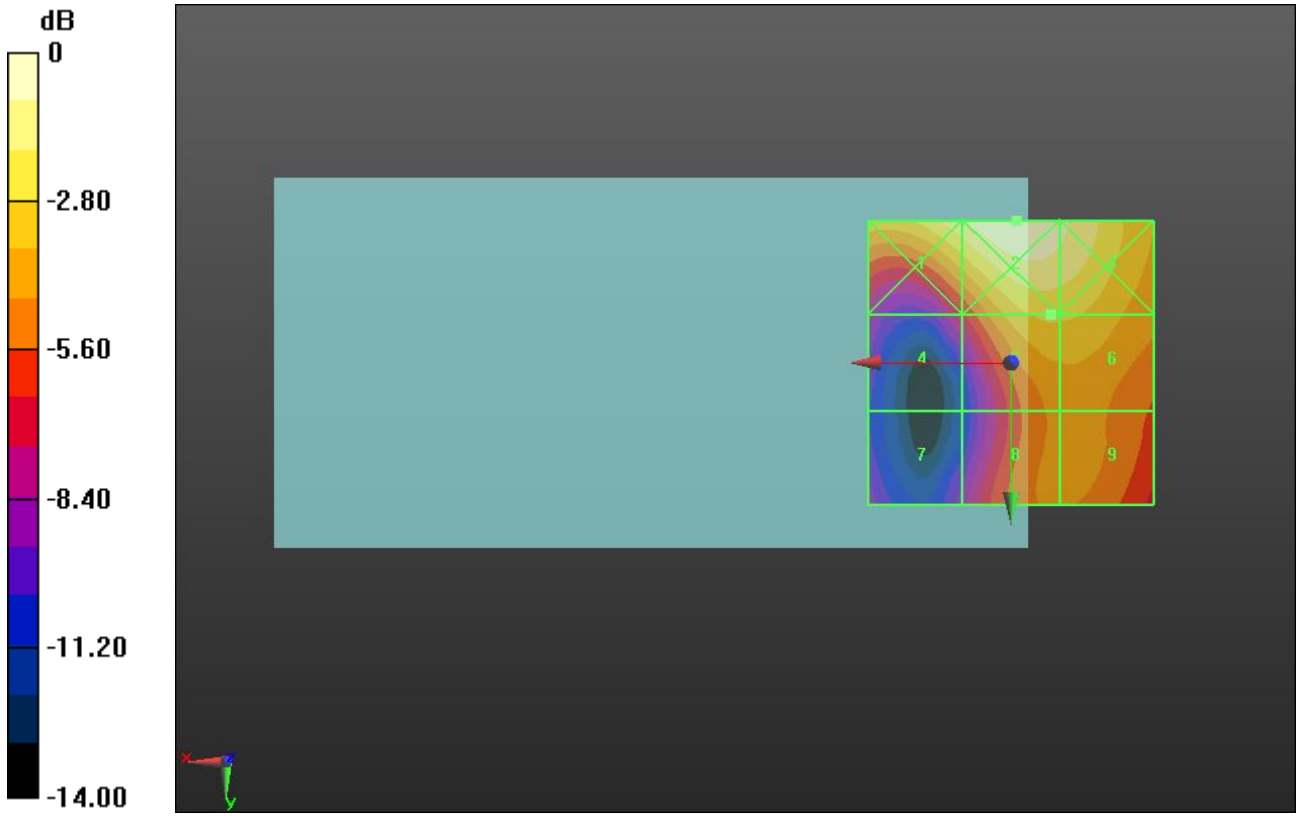
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 21.00 V/m; Power Drift = 0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.18 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.71 dBV/m**	Grid 2 **M4** **27.75 dBV/m**	Grid 3 **M4** **27.08 dBV/m**
Grid 4 **M4** **21.04 dBV/m**	Grid 5 **M4** **25.18 dBV/m**	Grid 6 **M4** **25.15 dBV/m**
Grid 7 **M4** **19.16 dBV/m**	Grid 8 **M4** **23.43 dBV/m**	Grid 9 **M4** **23.48 dBV/m**



0 dB = 24.40 V/m = 27.75 dBV/m

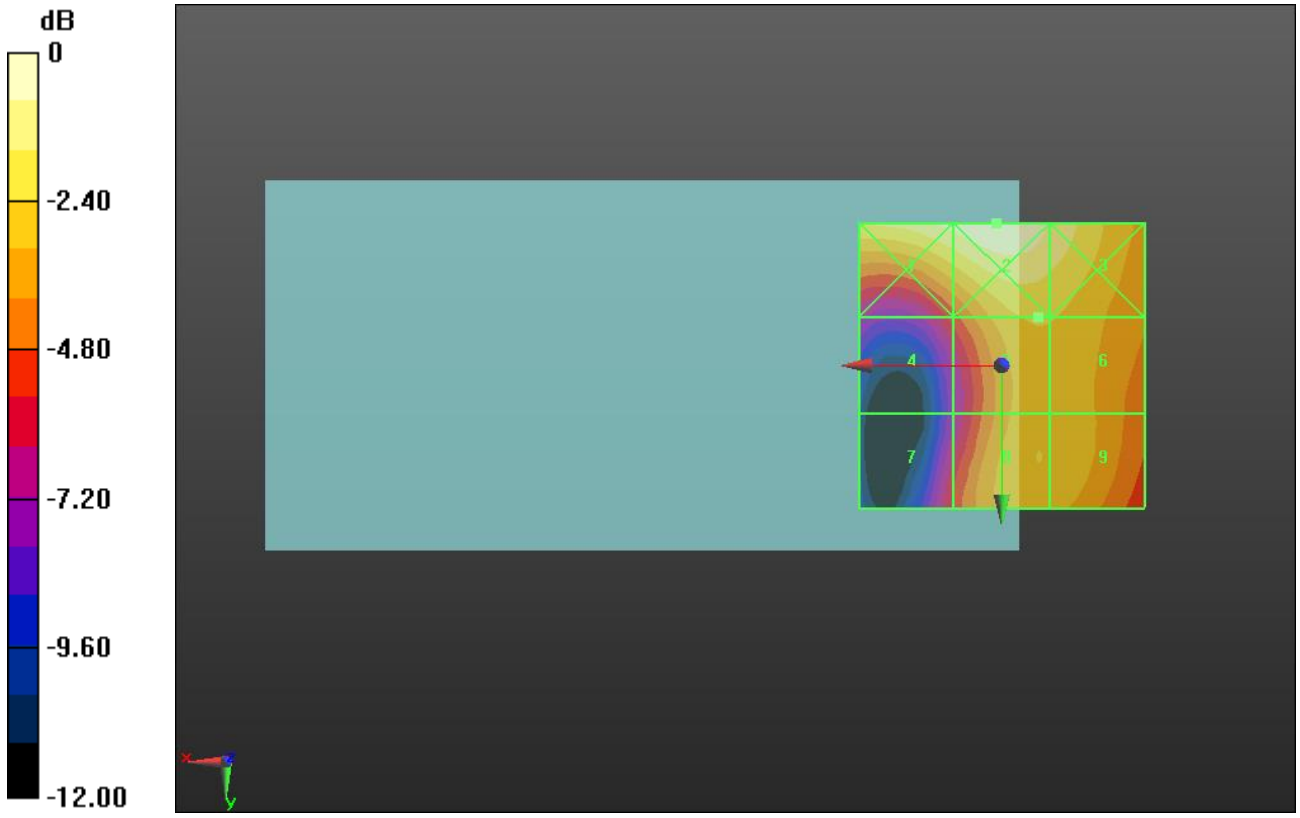
HAC-RF Emission

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 = 23.87 V/m; Power Drift = 0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.97 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.78 dBV/m**	Grid 2 **M4** **27.25 dBV/m**	Grid 3 **M4** **26.39 dBV/m**
Grid 4 **M4** **22.06 dBV/m**	Grid 5 **M4** **24.97 dBV/m**	Grid 6 **M4** **24.91 dBV/m**
Grid 7 **M4** **21.81 dBV/m**	Grid 8 **M4** **24.87 dBV/m**	Grid 9 **M4** **24.81 dBV/m**



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

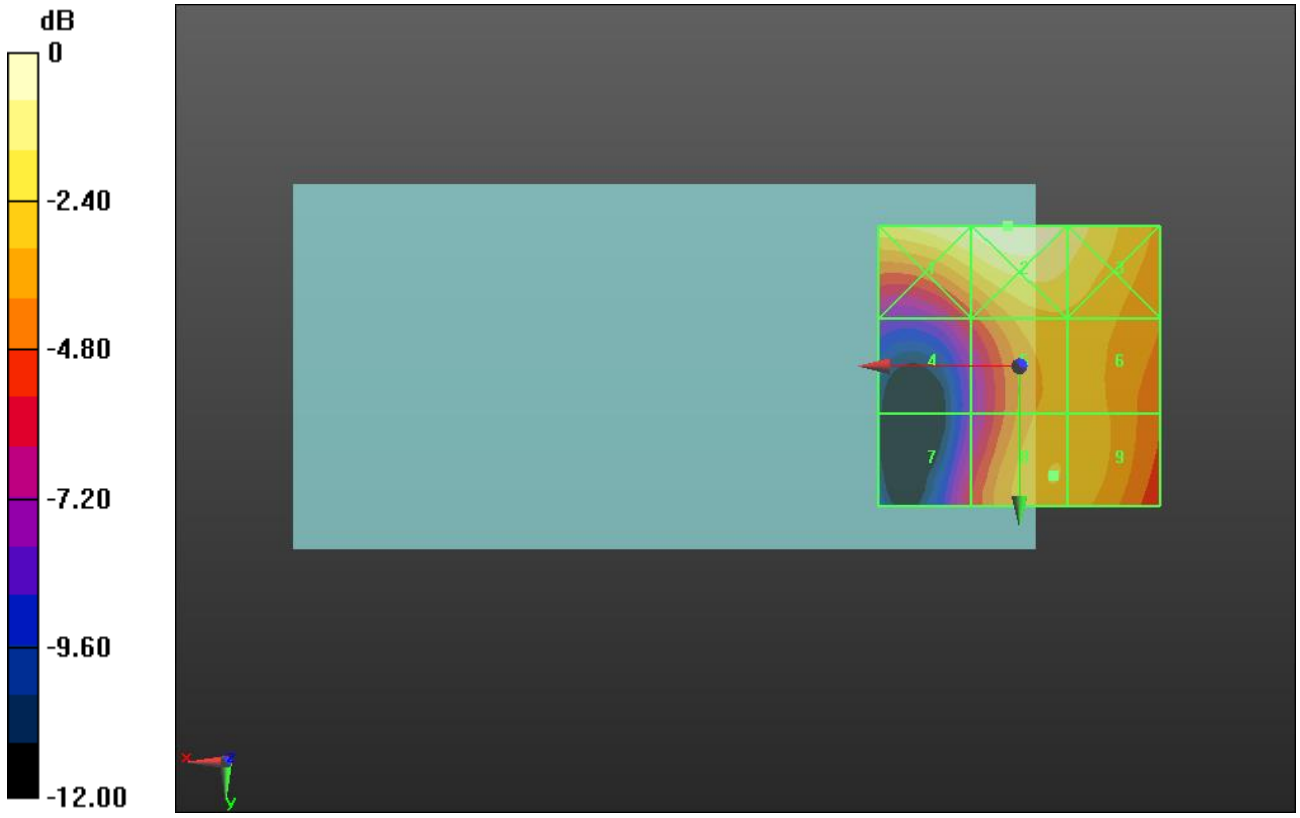
HAC-RF Emission

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 = 23.67 V/m; Power Drift = -0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.08 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.05 dBV/m**	Grid 2 **M4** **27.44 dBV/m**	Grid 3 **M4** **26.43 dBV/m**
Grid 4 **M4** **22.22 dBV/m**	Grid 5 **M4** **24.95 dBV/m**	Grid 6 **M4** **24.91 dBV/m**
Grid 7 **M4** **21.87 dBV/m**	Grid 8 **M4** **25.08 dBV/m**	Grid 9 **M4** **25 dBV/m**



0 dB = 23.55 V/m = 27.44 dBV/m

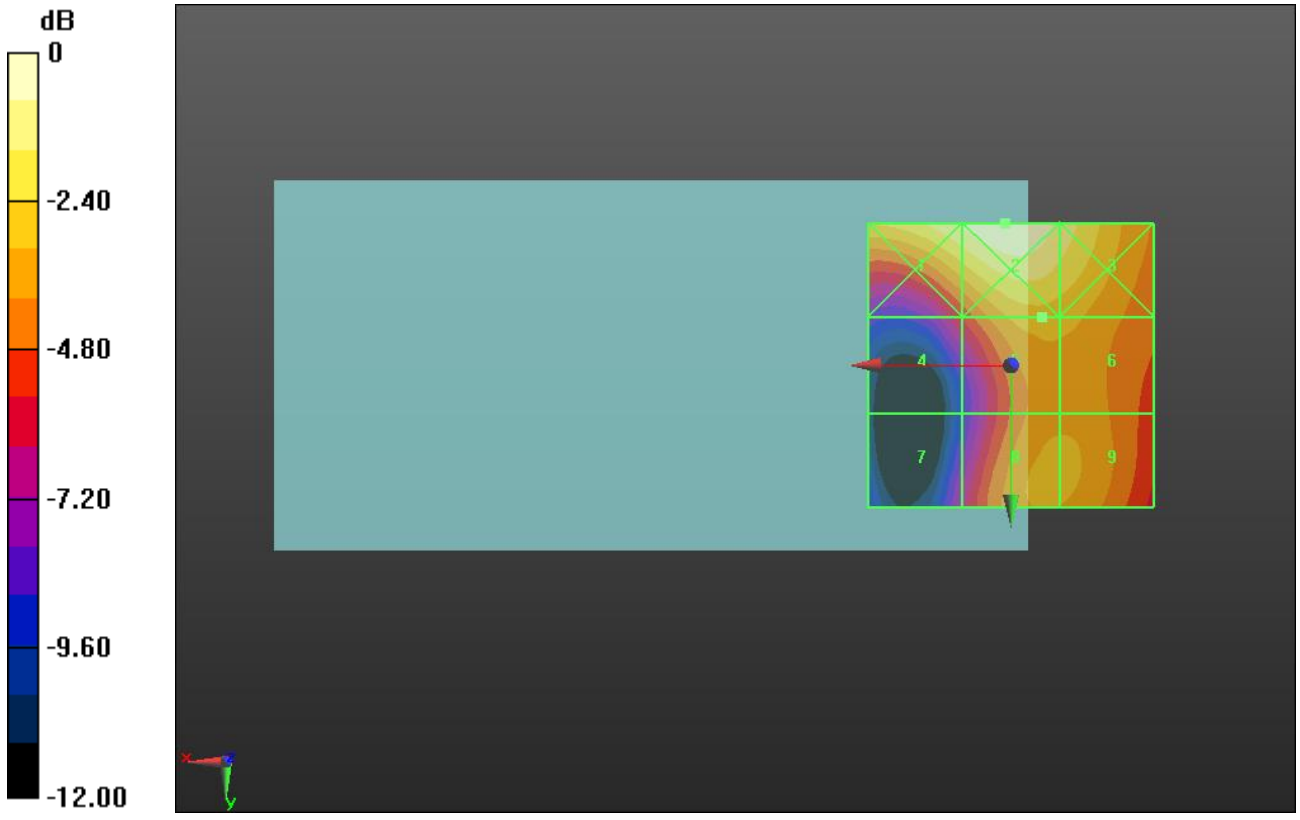
HAC-RF Emission

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 = 24.05 V/m; Power Drift = -0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.38 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.48 dBV/m**	Grid 2 **M4** **28.08 dBV/m**	Grid 3 **M4** **27.07 dBV/m**
Grid 4 **M4** **22.63 dBV/m**	Grid 5 **M4** **25.38 dBV/m**	Grid 6 **M4** **25.24 dBV/m**
Grid 7 **M4** **21.29 dBV/m**	Grid 8 **M4** **25.15 dBV/m**	Grid 9 **M4** **25.11 dBV/m**



0 dB = 25.34 V/m = 28.08 dBV/m

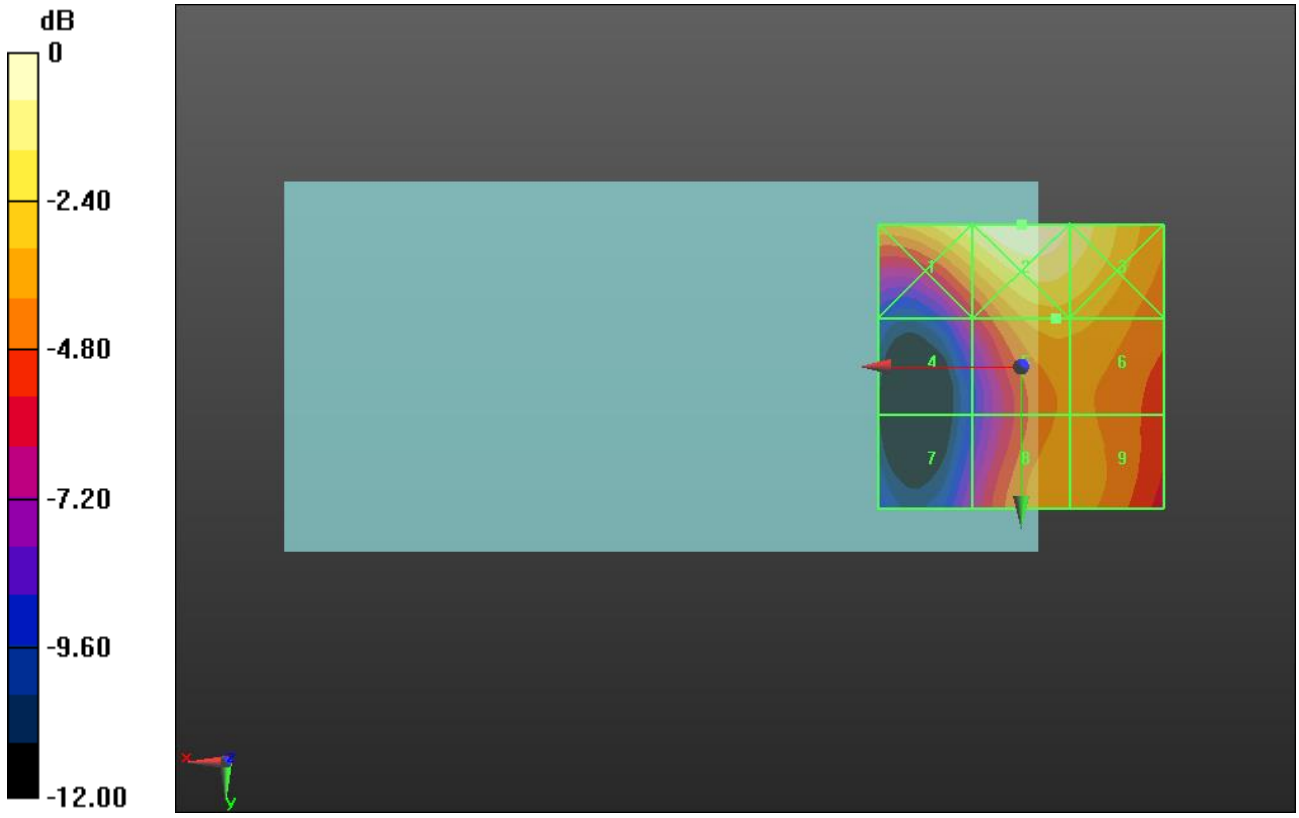
HAC-RF Emission

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 = 23.78 V/m; Power Drift = 0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.77 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.56 dBV/m**	Grid 2 **M4** **28.48 dBV/m**	Grid 3 **M4** **27.66 dBV/m**
Grid 4 **M4** **22.4 dBV/m**	Grid 5 **M4** **25.77 dBV/m**	Grid 6 **M4** **25.68 dBV/m**
Grid 7 **M4** **21.43 dBV/m**	Grid 8 **M4** **25.02 dBV/m**	Grid 9 **M4** **25.01 dBV/m**



0 dB = 26.55 V/m = 28.48 dBV/m

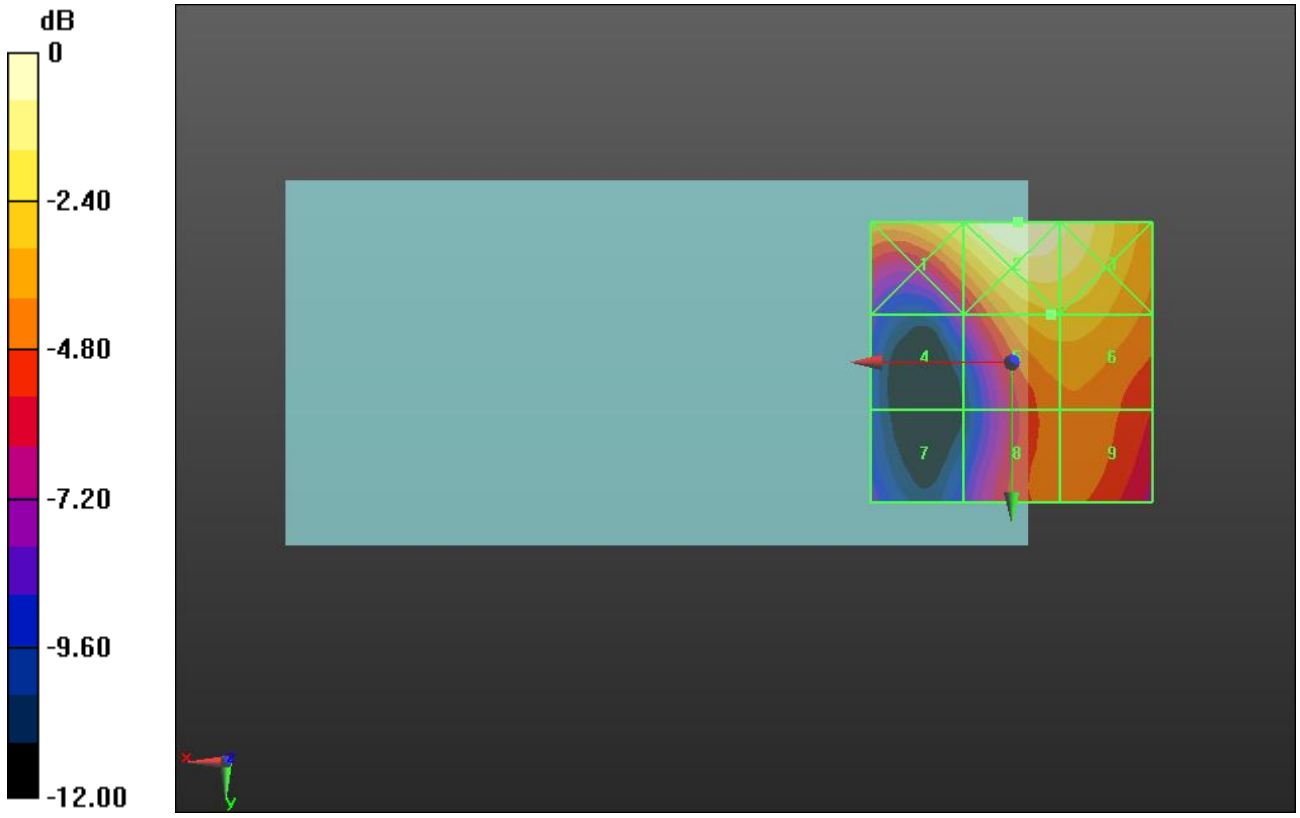
HAC-RF Emission

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 = 22.52 V/m; Power Drift = -0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.79 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.13 dBV/m**	Grid 2 **M4** **28.33 dBV/m**	Grid 3 **M4** **27.74 dBV/m**
Grid 4 **M4** **21.42 dBV/m**	Grid 5 **M4** **25.79 dBV/m**	Grid 6 **M4** **25.77 dBV/m**
Grid 7 **M4** **20.36 dBV/m**	Grid 8 **M4** **24.08 dBV/m**	Grid 9 **M4** **24.2 dBV/m**



0 dB = 26.09 V/m = 28.33 dBV/m

HAC-RF Emission

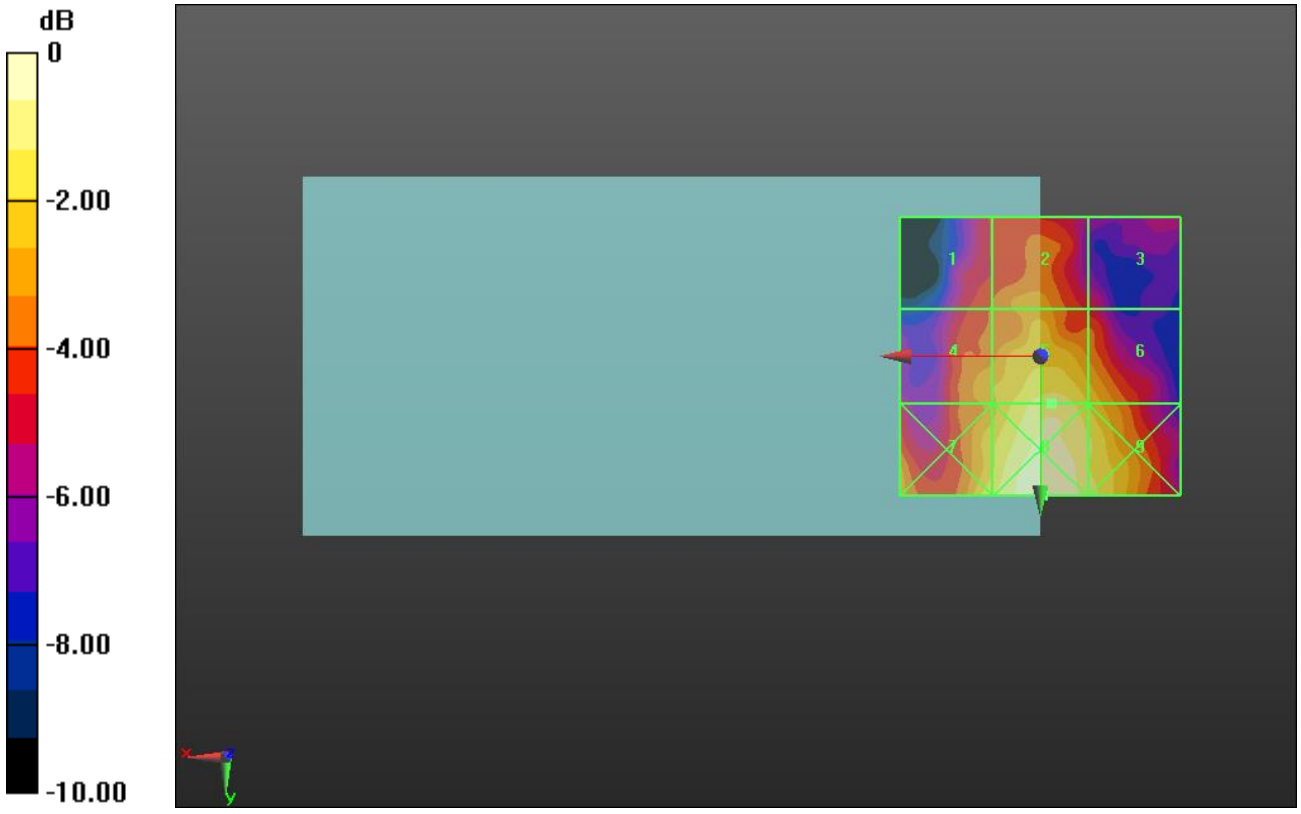
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2417 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2417 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4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

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 7.333 V/m; Power Drift = -0.07 dB
Applied MIF = -2.02 dB
RF audio interference level = 13.44 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **10.49 dBV/m**	Grid 2 **M4** **11.46 dBV/m**	Grid 3 **M4** **9.58 dBV/m**
Grid 4 **M4** **11.73 dBV/m**	Grid 5 **M4** **13.44 dBV/m**	Grid 6 **M4** **12.4 dBV/m**
Grid 7 **M4** **13.08 dBV/m**	Grid 8 **M4** **14.39 dBV/m**	Grid 9 **M4** **13.44 dBV/m**



0 dB = 5.243 V/m = 14.39 dBV/m

HAC-RF Emission

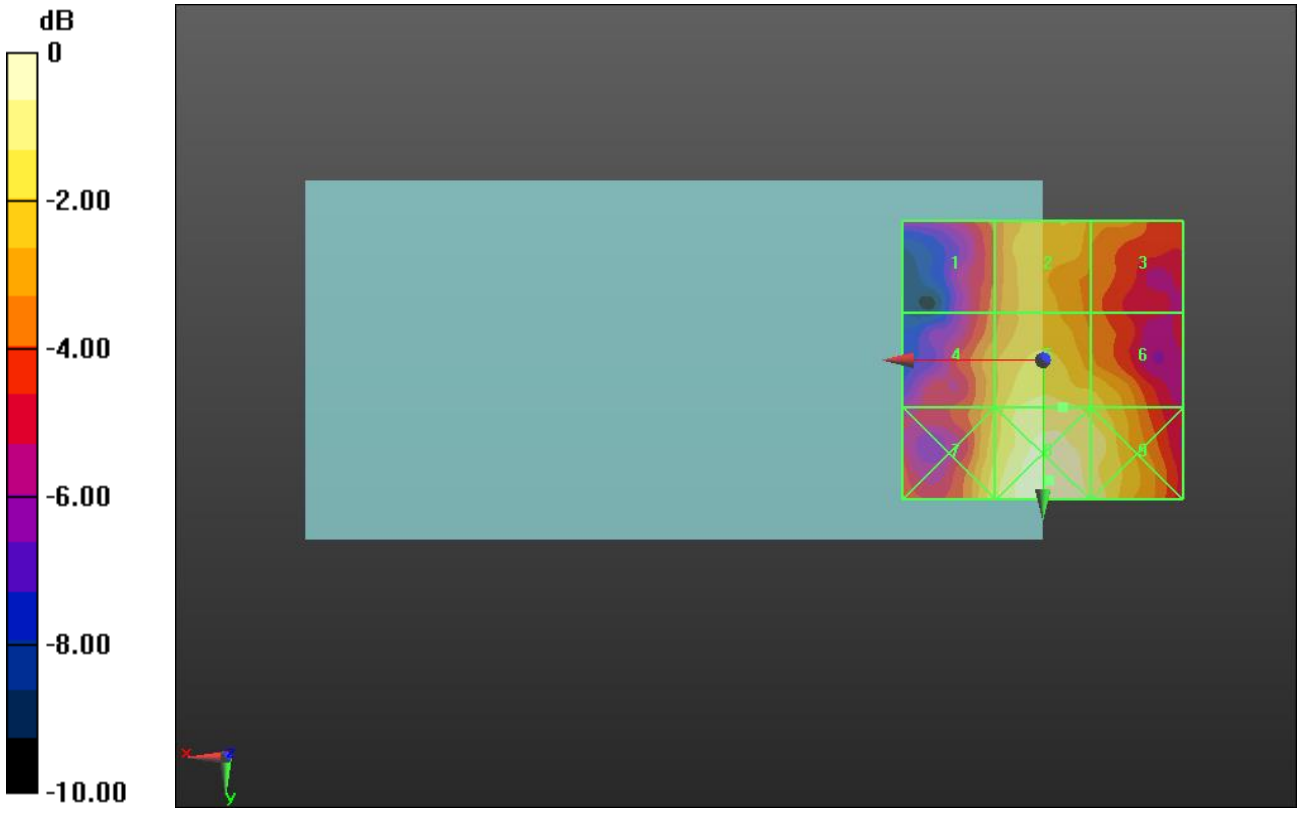
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4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

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 7.621 V/m; Power Drift = -0.44 dB
Applied MIF = -2.02 dB
RF audio interference level = 13.43 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **10.98 dBV/m**	Grid 2 **M4** **12.58 dBV/m**	Grid 3 **M4** **11.72 dBV/m**
Grid 4 **M4** **11.98 dBV/m**	Grid 5 **M4** **13.43 dBV/m**	Grid 6 **M4** **12.97 dBV/m**
Grid 7 **M4** **13.07 dBV/m**	Grid 8 **M4** **14.55 dBV/m**	Grid 9 **M4** **13.89 dBV/m**



0 dB = 5.337 V/m = 14.55 dBV/m

HAC-RF Emission

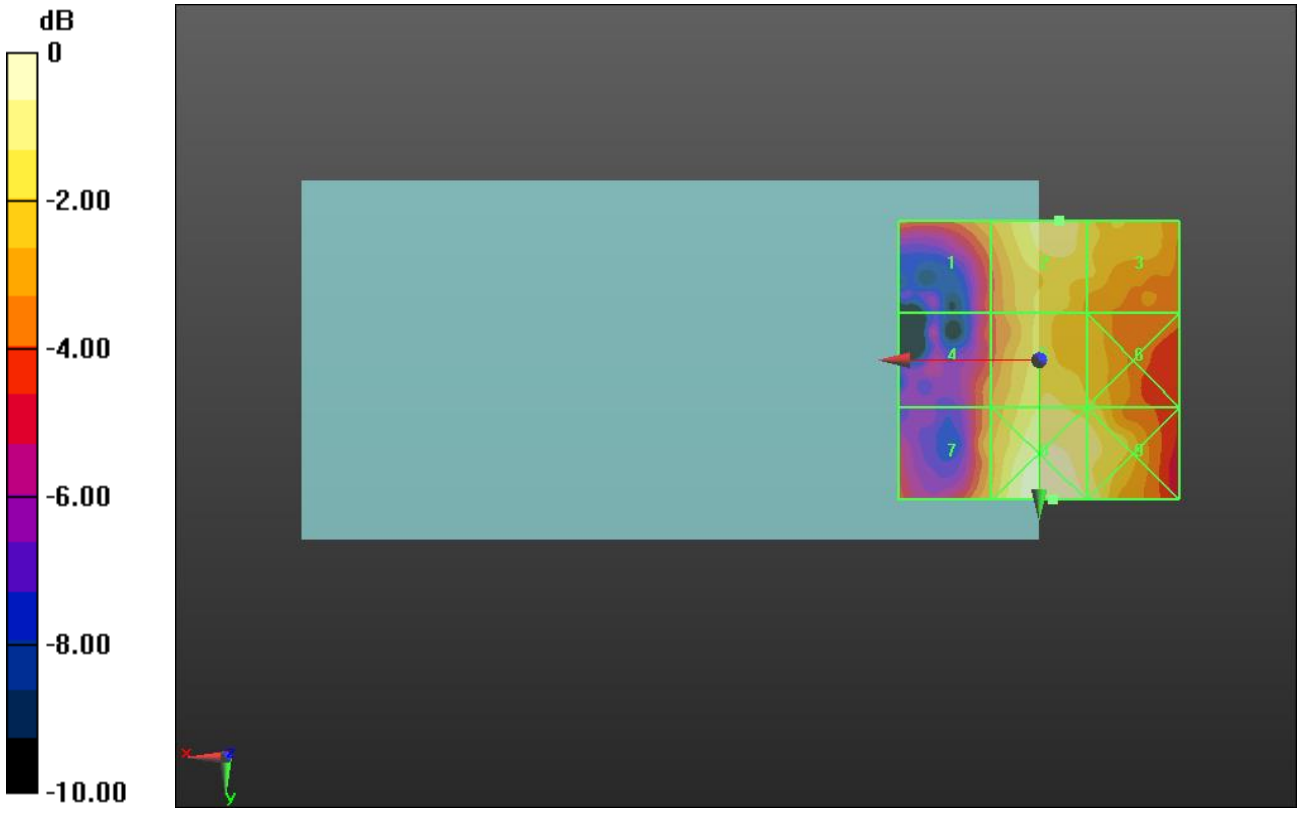
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4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

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 7.201 V/m; Power Drift = 0.06 dB
Applied MIF = -2.02 dB
RF audio interference level = 12.96 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **11.27 dBV/m**	Grid 2 **M4** **12.96 dBV/m**	Grid 3 **M4** **12.16 dBV/m**
Grid 4 **M4** **10.52 dBV/m**	Grid 5 **M4** **12.66 dBV/m**	Grid 6 **M4** **12.24 dBV/m**
Grid 7 **M4** **11.47 dBV/m**	Grid 8 **M4** **13.85 dBV/m**	Grid 9 **M4** **13.21 dBV/m**



0 dB = 4.928 V/m = 13.85 dBV/m

HAC-RF Emission

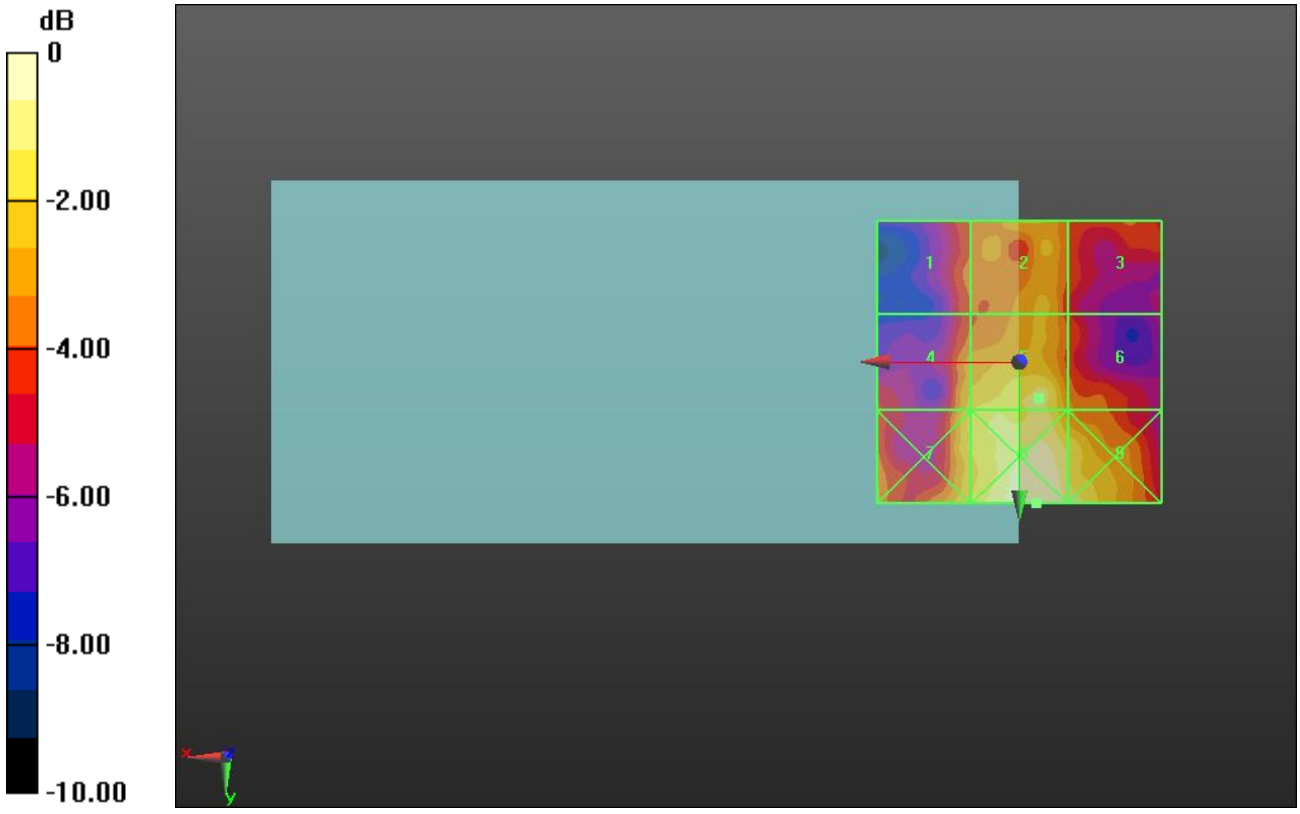
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2422 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2422 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: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

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 6.482 V/m; Power Drift = -0.13 dB
Applied MIF = 0.12 dB
RF audio interference level = 14.03 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **11.51 dBV/m**	Grid 2 **M4** **12.7 dBV/m**	Grid 3 **M4** **11.3 dBV/m**
Grid 4 **M4** **13.01 dBV/m**	Grid 5 **M4** **14.03 dBV/m**	Grid 6 **M4** **12.19 dBV/m**
Grid 7 **M4** **13.39 dBV/m**	Grid 8 **M4** **15.13 dBV/m**	Grid 9 **M4** **14.43 dBV/m**



0 dB = 5.708 V/m = 15.13 dBV/m

HAC-RF Emission

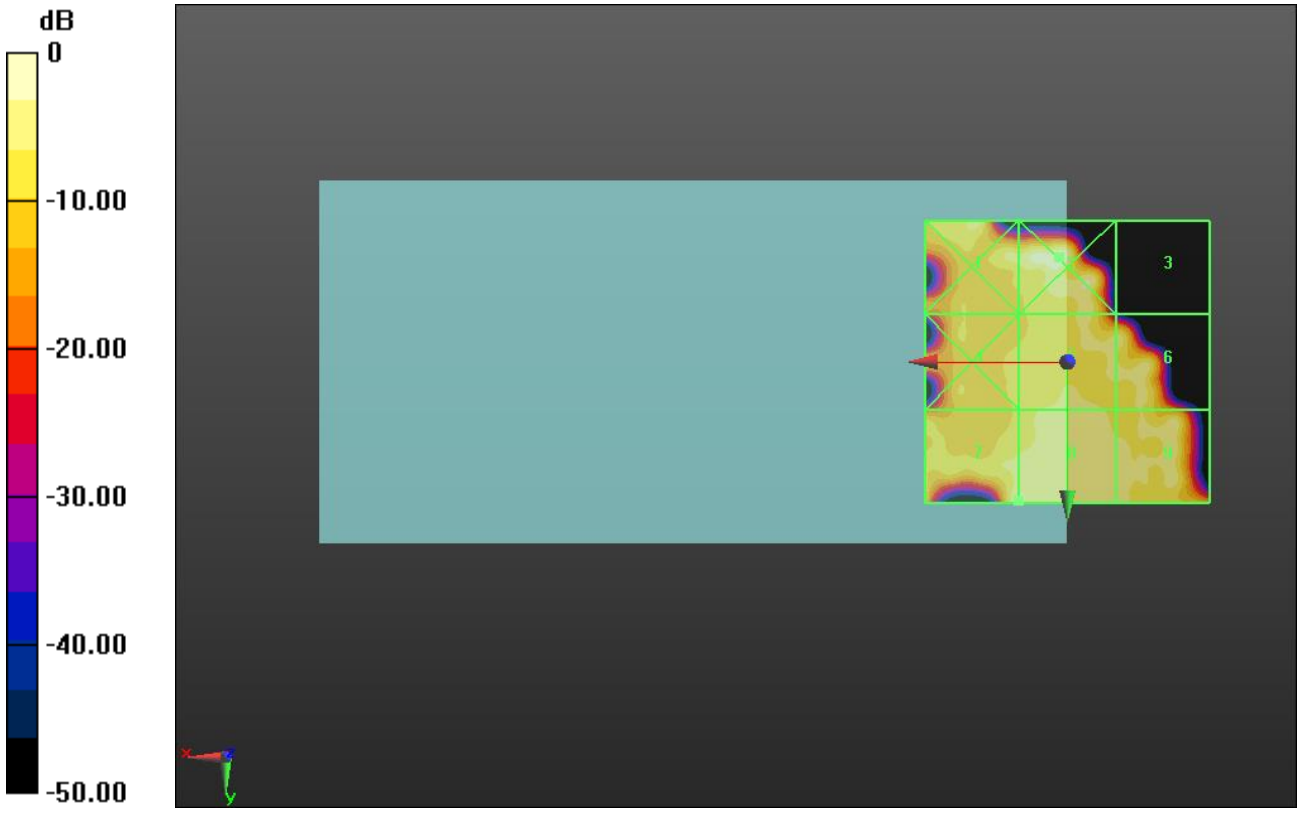
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: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

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 6.454 V/m; Power Drift = 0.46 dB
Applied MIF = 0.12 dB
RF audio interference level = 17.04 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.63 dBV/m**	Grid 2 **M4** **19.81 dBV/m**	Grid 3 **M4** **-16.03 dBV/m**
Grid 4 **M4** **10.85 dBV/m**	Grid 5 **M4** **15.12 dBV/m**	Grid 6 **M4** **15.3 dBV/m**
Grid 7 **M4** **17.04 dBV/m**	Grid 8 **M4** **17.04 dBV/m**	Grid 9 **M4** **16.05 dBV/m**



0 dB = 9.778 V/m = 19.81 dBV/m

HAC-RF Emission

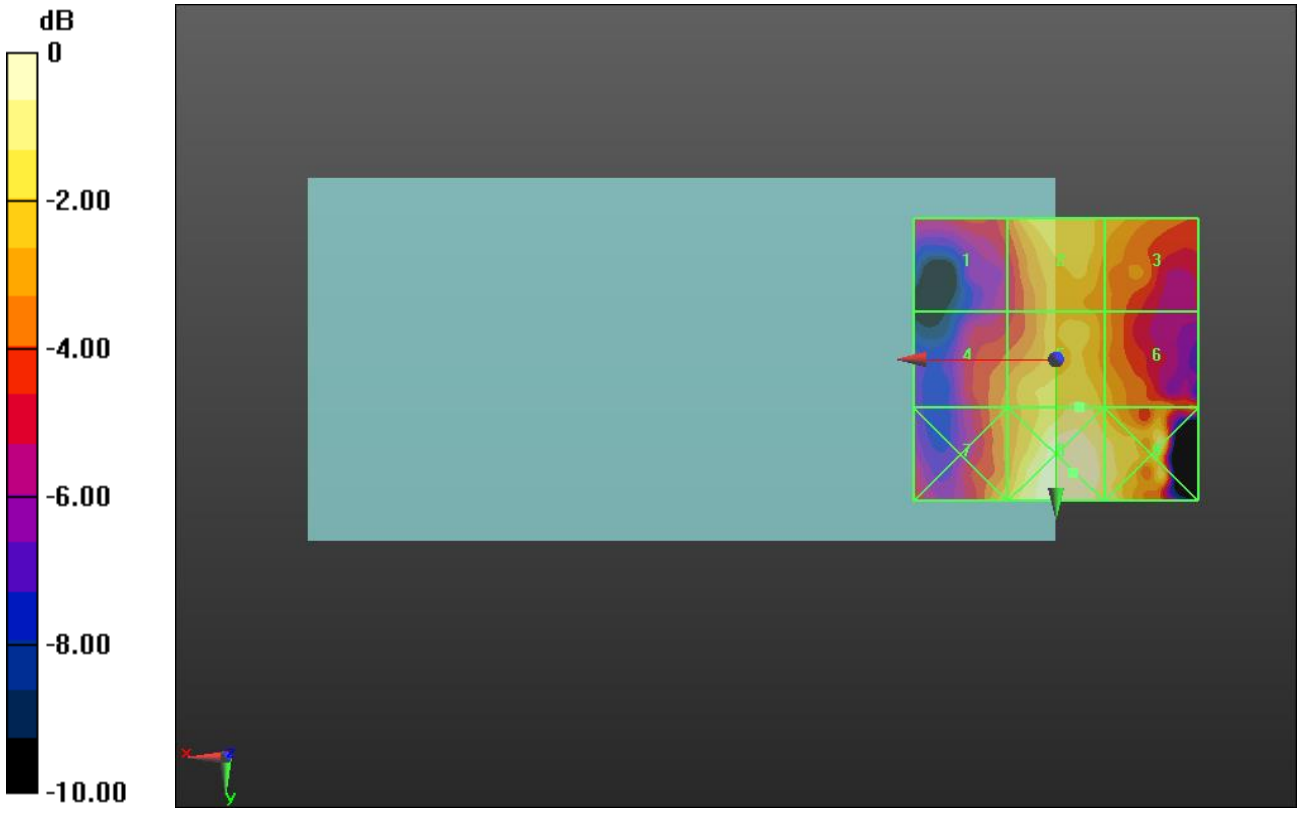
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2452 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: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

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 6.721 V/m; Power Drift = -0.38 dB
Applied MIF = 0.12 dB
RF audio interference level = 14.12 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **11.31 dBV/m**	Grid 2 **M4** **13.89 dBV/m**	Grid 3 **M4** **13.15 dBV/m**
Grid 4 **M4** **12.21 dBV/m**	Grid 5 **M4** **14.12 dBV/m**	Grid 6 **M4** **13.11 dBV/m**
Grid 7 **M4** **13.3 dBV/m**	Grid 8 **M4** **15.22 dBV/m**	Grid 9 **M4** **14.43 dBV/m**



0 dB = 5.771 V/m = 15.23 dBV/m

HAC-RF Emission

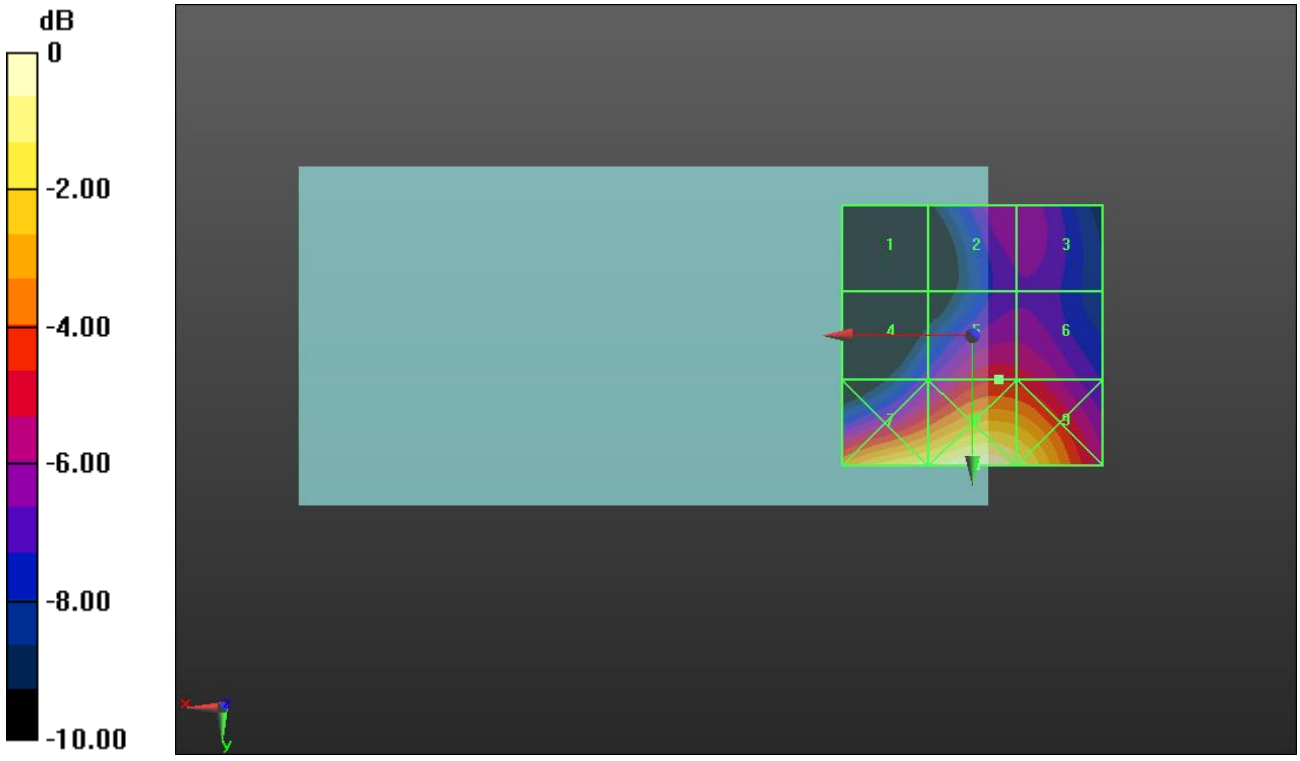
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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 = 19.65 V/m; Power Drift = -0.06 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.86 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.98 dBV/m**	Grid 2 **M4** **27.44 dBV/m**	Grid 3 **M4** **27.4 dBV/m**
Grid 4 **M4** **26.77 dBV/m**	Grid 5 **M4** **28.86 dBV/m**	Grid 6 **M4** **28.71 dBV/m**
Grid 7 **M3** **32.82 dBV/m**	Grid 8 **M3** **33.56 dBV/m**	Grid 9 **M3** **32.75 dBV/m**



0 dB = 47.62 V/m = 33.56 dBV/m

HAC-RF Emission

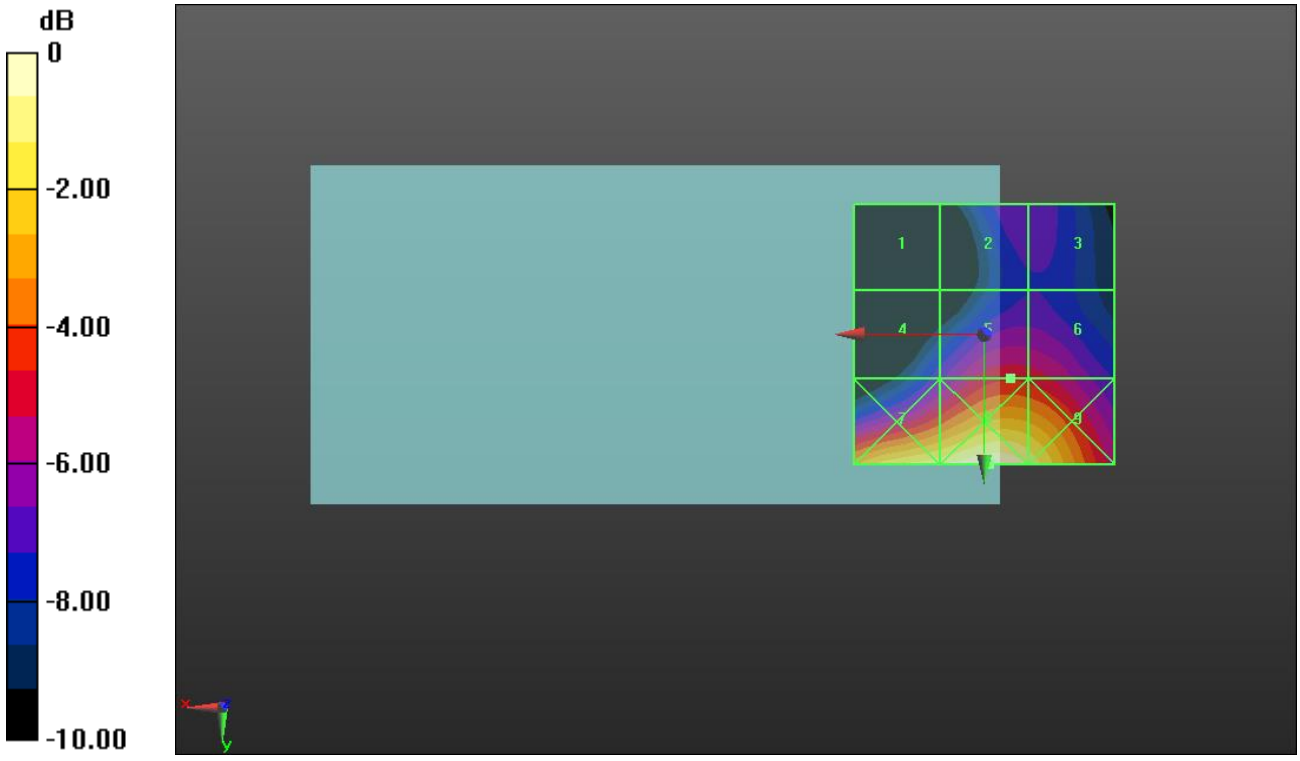
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- 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 = 19.65 V/m; Power Drift = -0.06 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.93 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.05 dBV/m**	Grid 2 **M4** **26.9 dBV/m**	Grid 3 **M4** **26.86 dBV/m**
Grid 4 **M4** **26.87 dBV/m**	Grid 5 **M4** **28.93 dBV/m**	Grid 6 **M4** **28.79 dBV/m**
Grid 7 **M3** **32.94 dBV/m**	Grid 8 **M3** **33.65 dBV/m**	Grid 9 **M3** **32.88 dBV/m**



0 dB = 48.13 V/m = 33.65 dBV/m

HAC-RF Emission

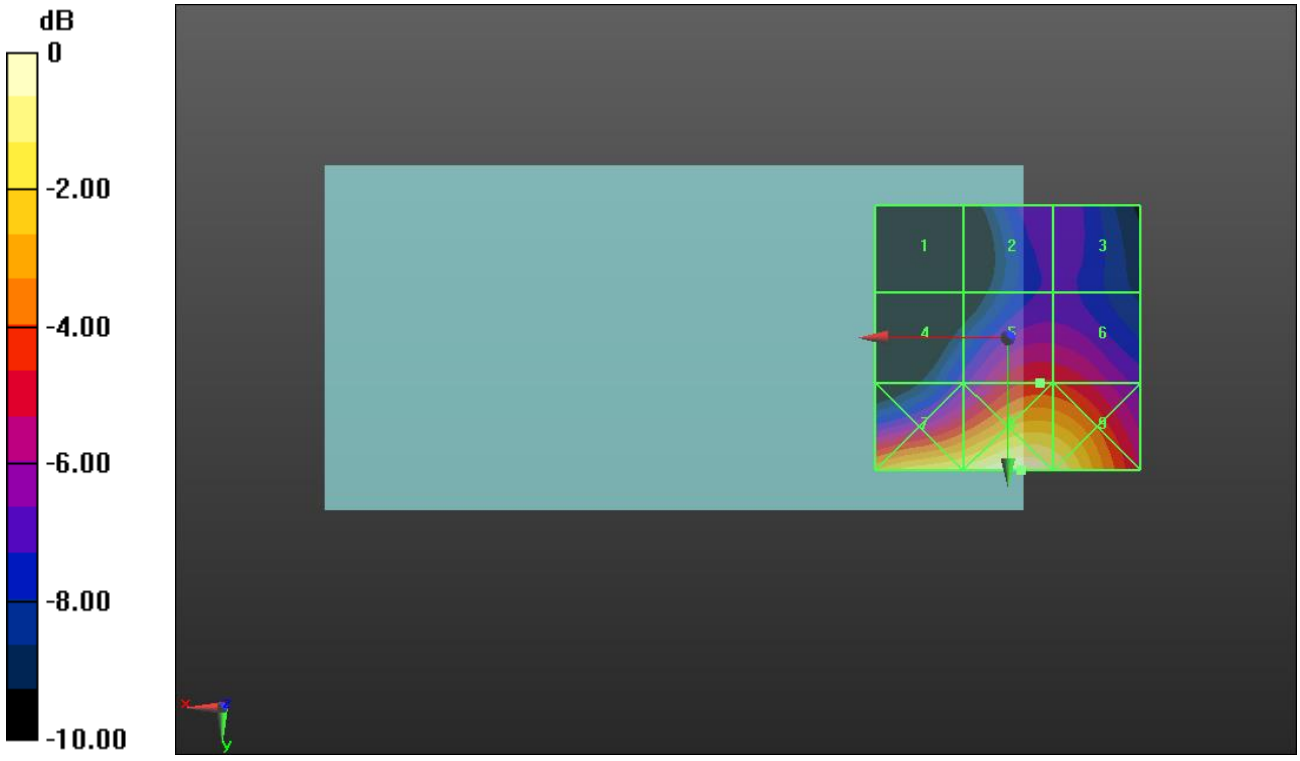
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: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

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 20.61 V/m; Power Drift = -0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.43 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.34 dBV/m**	Grid 2 **M4** **27.17 dBV/m**	Grid 3 **M4** **27.11 dBV/m**
Grid 4 **M4** **27.03 dBV/m**	Grid 5 **M4** **29.43 dBV/m**	Grid 6 **M4** **29.36 dBV/m**
Grid 7 **M3** **33.01 dBV/m**	Grid 8 **M3** **33.92 dBV/m**	Grid 9 **M3** **33.33 dBV/m**



0 dB = 49.68 V/m = 33.92 dBV/m

HAC-RF Emission

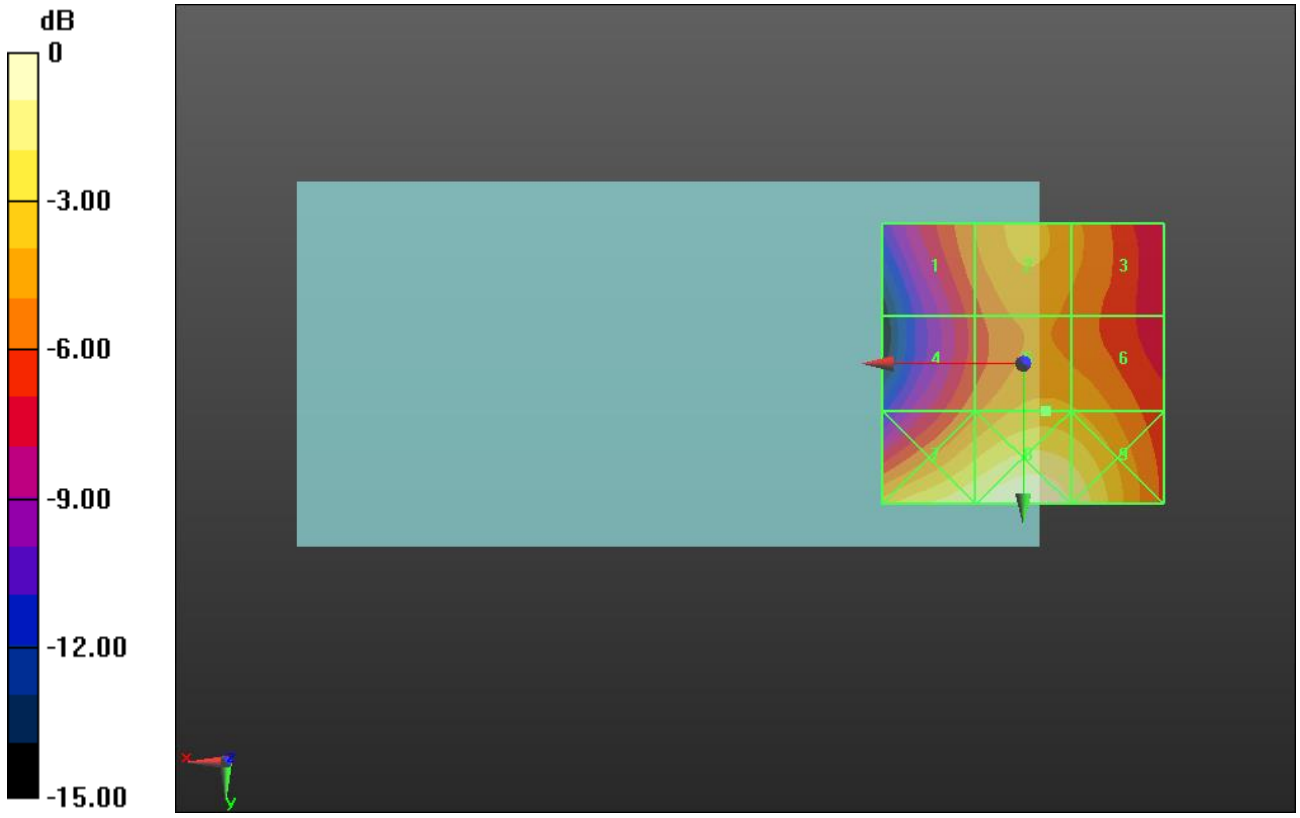
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377;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

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 24.18 V/m; Power Drift = -0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.84 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.43 dBV/m**	Grid 2 **M4** **24.61 dBV/m**	Grid 3 **M4** **23.8 dBV/m**
Grid 4 **M4** **23.18 dBV/m**	Grid 5 **M4** **24.84 dBV/m**	Grid 6 **M4** **24.57 dBV/m**
Grid 7 **M4** **27.55 dBV/m**	Grid 8 **M4** **28.37 dBV/m**	Grid 9 **M4** **27.38 dBV/m**



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

HAC-RF Emission

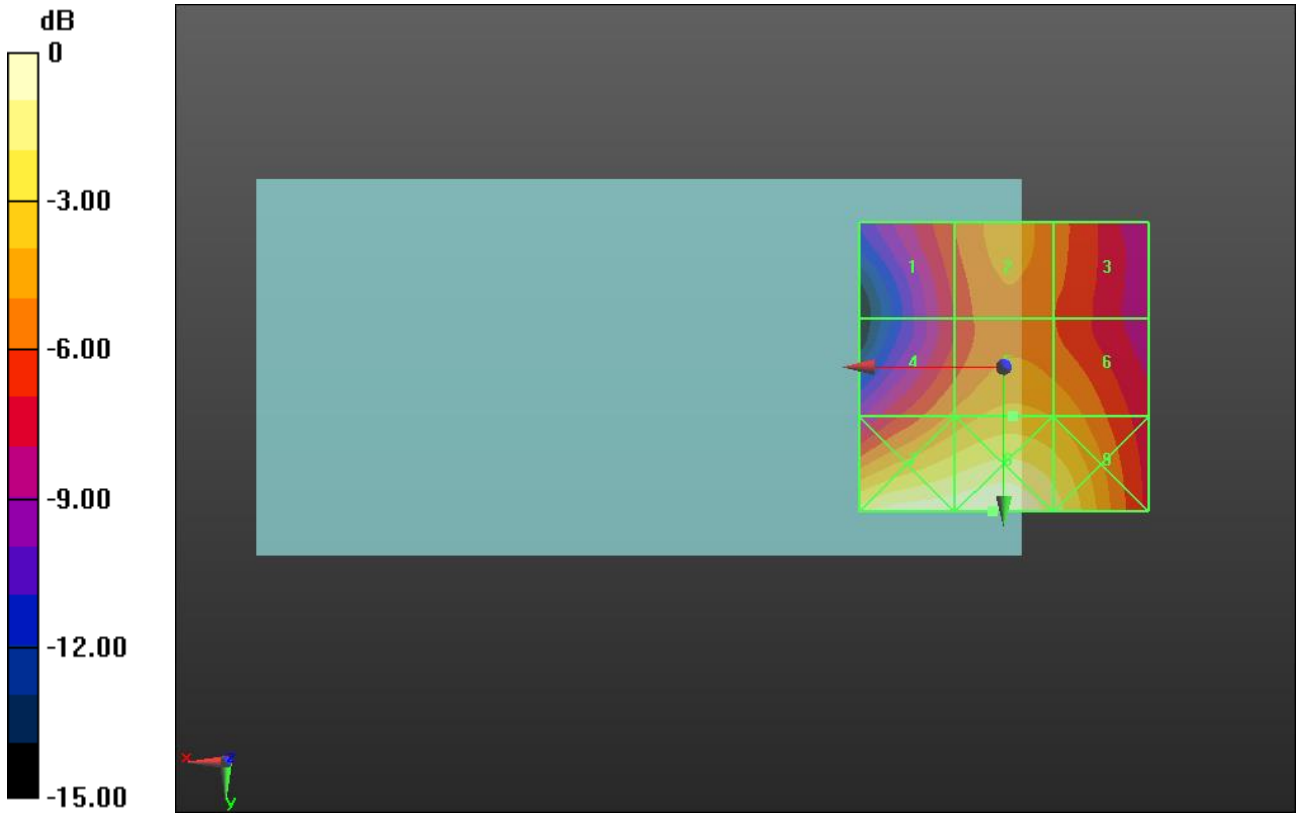
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 21.81 V/m; Power Drift = -0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.83 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.53 dBV/m**	Grid 2 **M4** **22.75 dBV/m**	Grid 3 **M4** **21.96 dBV/m**
Grid 4 **M4** **22.74 dBV/m**	Grid 5 **M4** **23.83 dBV/m**	Grid 6 **M4** **23.41 dBV/m**
Grid 7 **M4** **27.29 dBV/m**	Grid 8 **M4** **27.43 dBV/m**	Grid 9 **M4** **26 dBV/m**



0 dB = 23.53 V/m = 27.43 dBV/m

HAC-RF Emission

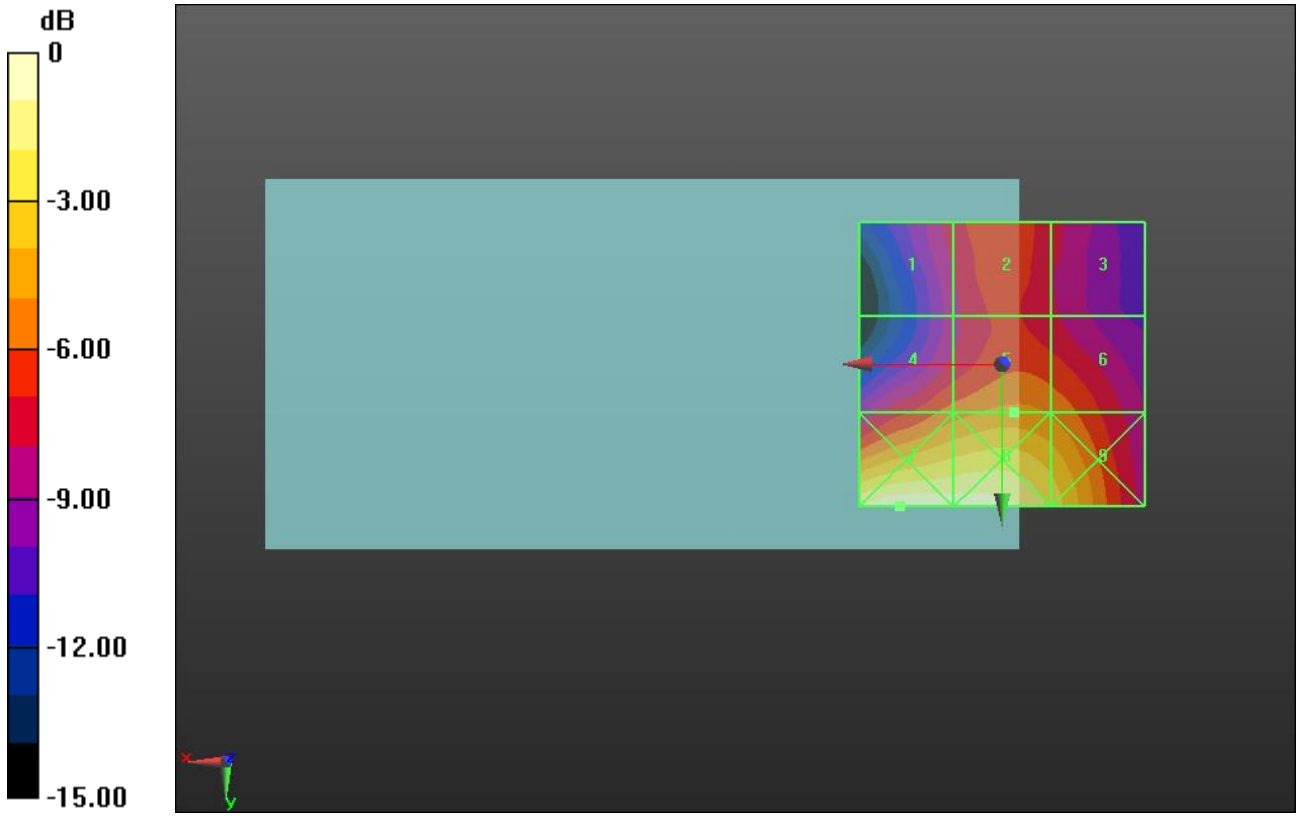
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 18.98 V/m; Power Drift = 0.08 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.56 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.75 dBV/m**	Grid 2 **M4** **20.78 dBV/m**	Grid 3 **M4** **19.66 dBV/m**
Grid 4 **M4** **21.74 dBV/m**	Grid 5 **M4** **22.56 dBV/m**	Grid 6 **M4** **22.09 dBV/m**
Grid 7 **M4** **27.2 dBV/m**	Grid 8 **M4** **26.93 dBV/m**	Grid 9 **M4** **24.93 dBV/m**



0 dB = 22.90 V/m = 27.20 dBV/m

HAC-RF Emission

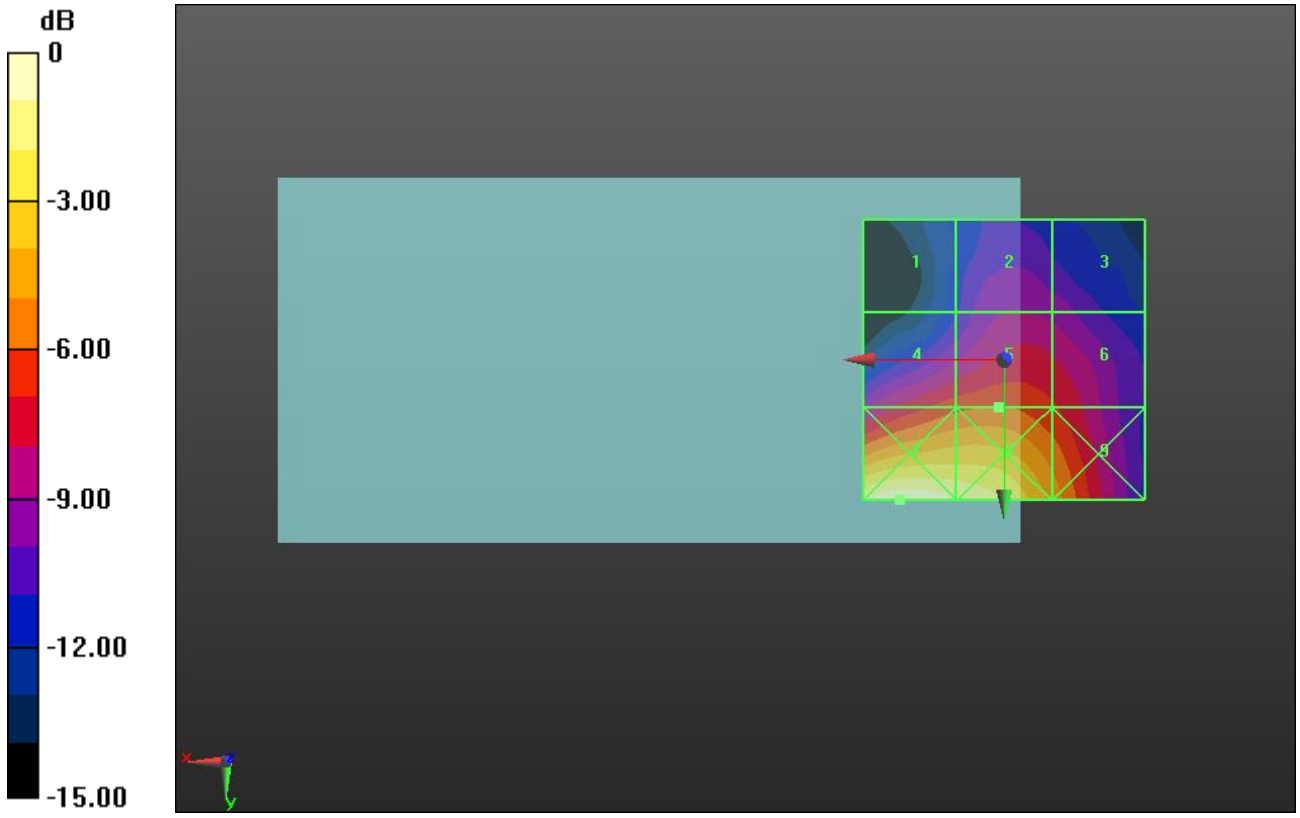
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4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

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 17.41 V/m; Power Drift = 0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 21.72 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.55 dBV/m**	Grid 2 **M4** **18.74 dBV/m**	Grid 3 **M4** **18.34 dBV/m**
Grid 4 **M4** **21.34 dBV/m**	Grid 5 **M4** **21.72 dBV/m**	Grid 6 **M4** **20.82 dBV/m**
Grid 7 **M4** **27.62 dBV/m**	Grid 8 **M4** **26.8 dBV/m**	Grid 9 **M4** **23.35 dBV/m**



0 dB = 24.05 V/m = 27.62 dBV/m

HAC-RF Emission

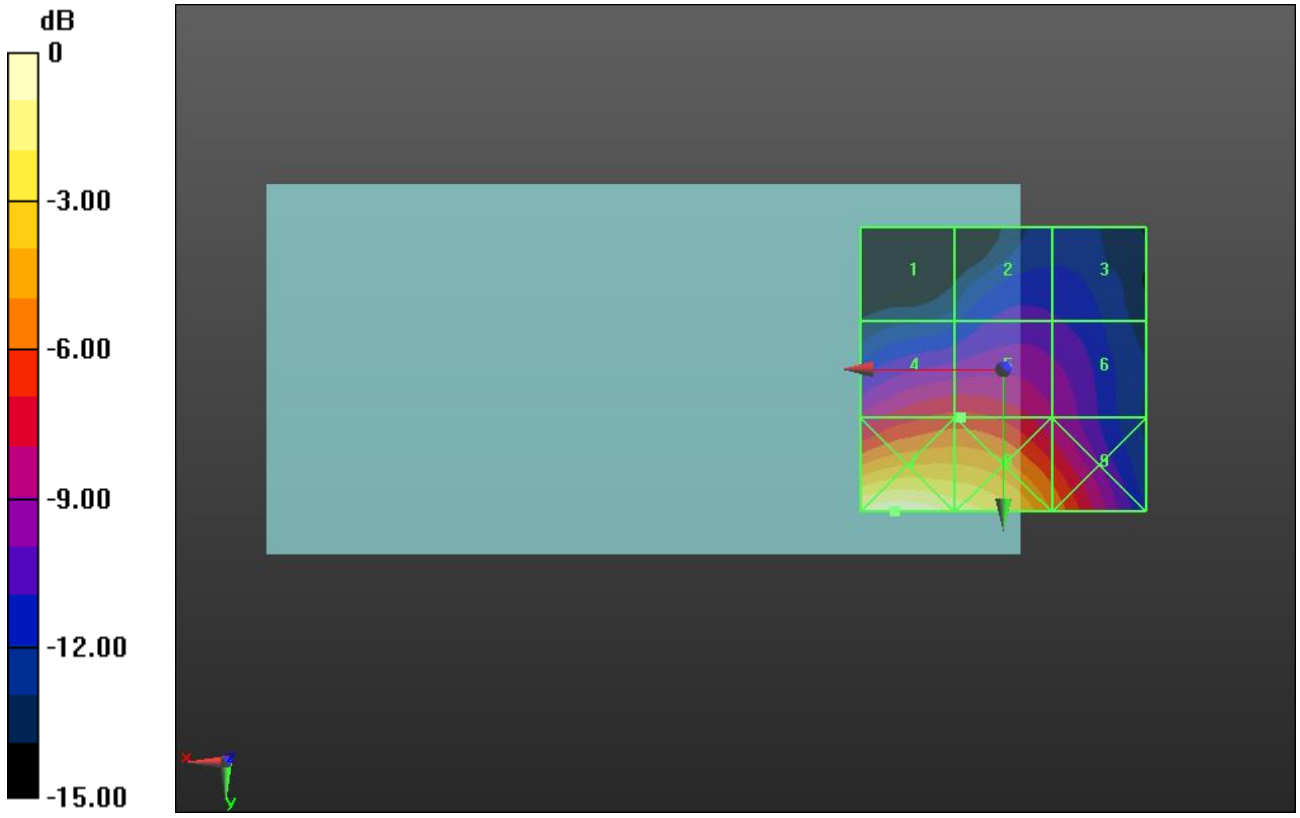
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377;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

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 14.21 V/m; Power Drift = -0.12 dB
Applied MIF = -1.44 dB
RF audio interference level = 21.28 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.65 dBV/m**	Grid 2 **M4** **17.34 dBV/m**	Grid 3 **M4** **17.11 dBV/m**
Grid 4 **M4** **21.27 dBV/m**	Grid 5 **M4** **21.28 dBV/m**	Grid 6 **M4** **19.16 dBV/m**
Grid 7 **M4** **27.91 dBV/m**	Grid 8 **M4** **26.74 dBV/m**	Grid 9 **M4** **22.92 dBV/m**



0 dB = 24.86 V/m = 27.91 dBV/m

HAC-RF Emission

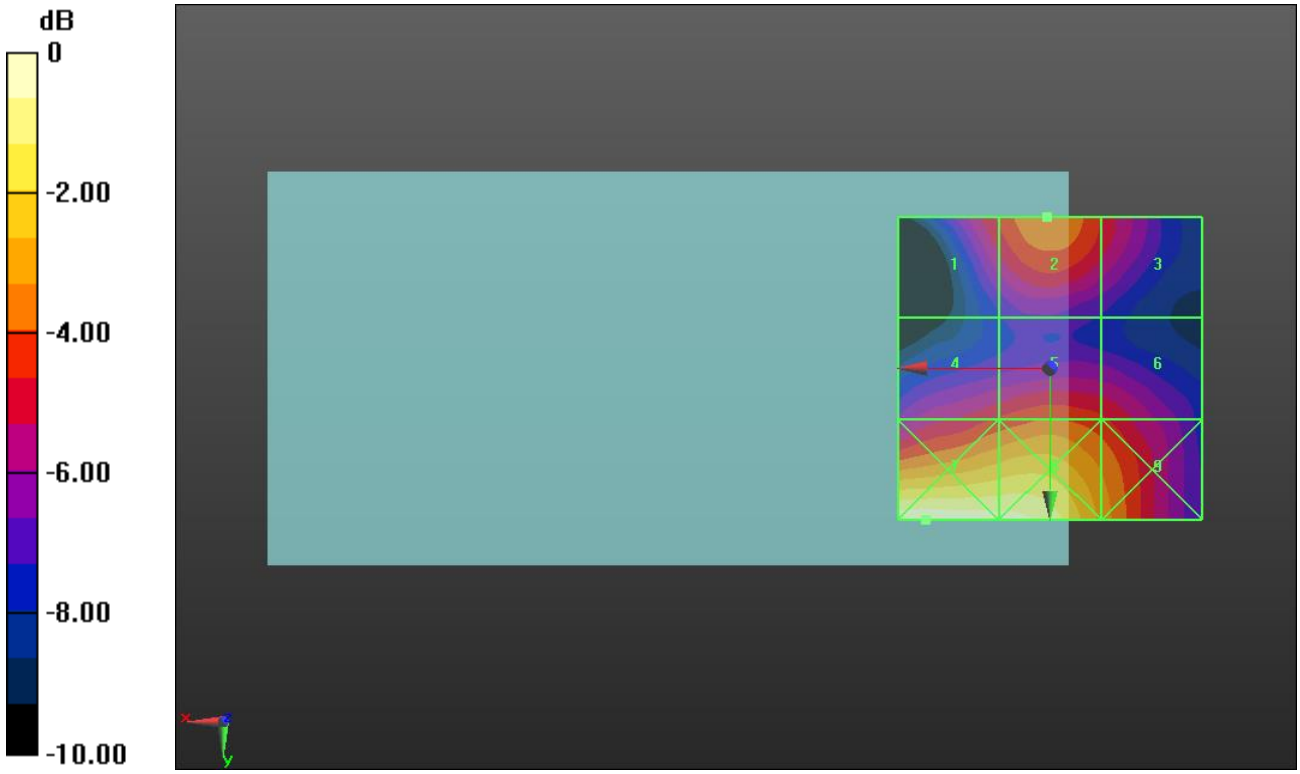
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 14.71 V/m; Power Drift = -0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 21.24 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.19 dBV/m**	Grid 2 **M4** **21.24 dBV/m**	Grid 3 **M4** **19.97 dBV/m**
Grid 4 **M4** **20.18 dBV/m**	Grid 5 **M4** **20.76 dBV/m**	Grid 6 **M4** **20.2 dBV/m**
Grid 7 **M4** **24.7 dBV/m**	Grid 8 **M4** **24.39 dBV/m**	Grid 9 **M4** **21.82 dBV/m**



0 dB = 17.18 V/m = 24.70 dBV/m

HAC-RF Emission

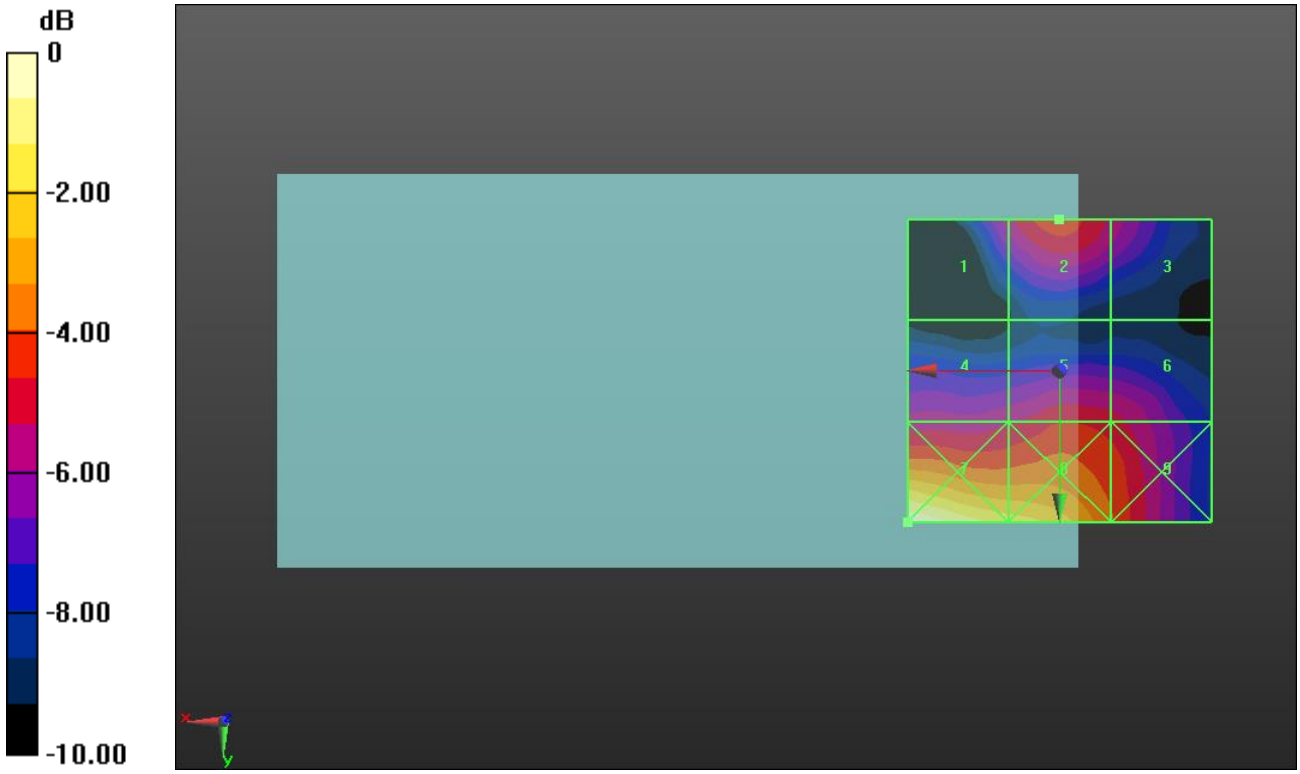
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 13.74 V/m; Power Drift = 0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.16 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.95 dBV/m**	Grid 2 **M4** **20.16 dBV/m**	Grid 3 **M4** **18.96 dBV/m**
Grid 4 **M4** **19.08 dBV/m**	Grid 5 **M4** **19.86 dBV/m**	Grid 6 **M4** **19.47 dBV/m**
Grid 7 **M4** **24.51 dBV/m**	Grid 8 **M4** **22.94 dBV/m**	Grid 9 **M4** **20.64 dBV/m**



0 dB = 16.80 V/m = 24.51 dBV/m

HAC-RF Emission

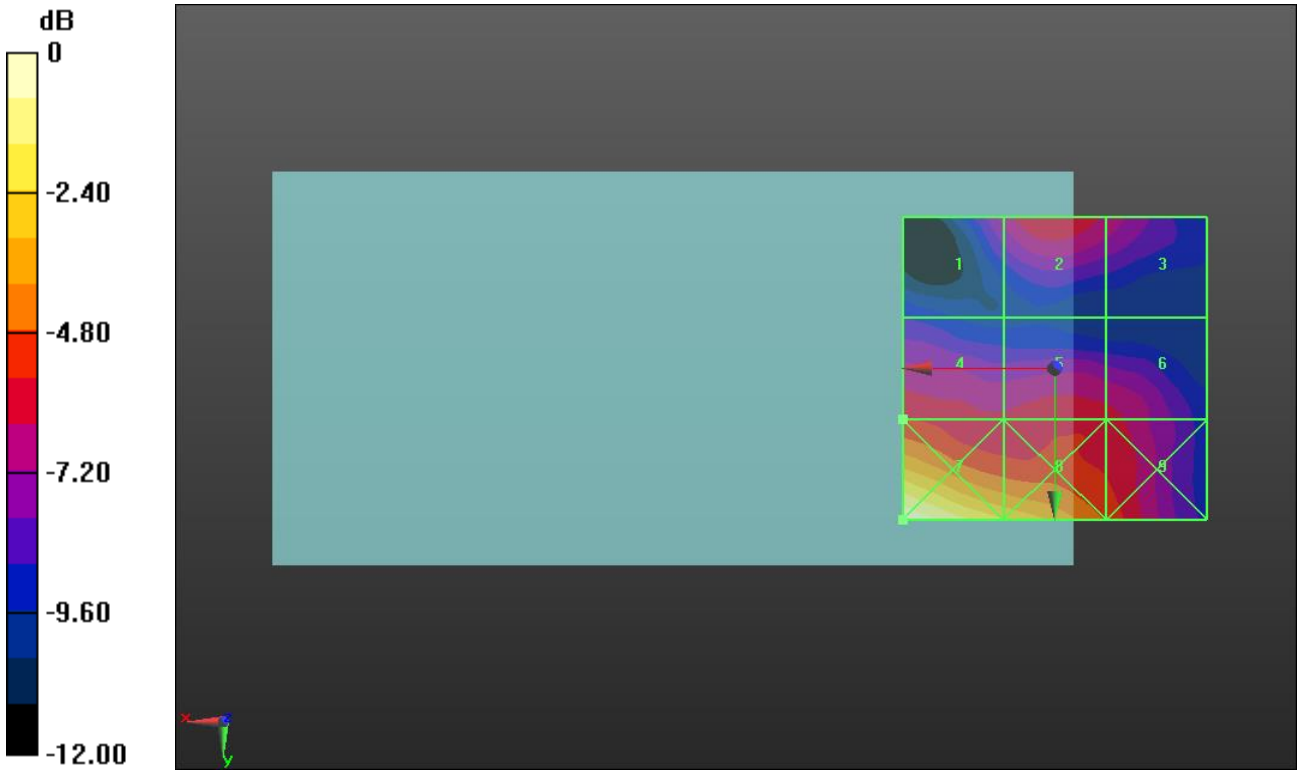
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 12.54 V/m; Power Drift = 0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 18.68 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.33 dBV/m**	Grid 2 **M4** **18.54 dBV/m**	Grid 3 **M4** **17.58 dBV/m**
Grid 4 **M4** **18.68 dBV/m**	Grid 5 **M4** **18.38 dBV/m**	Grid 6 **M4** **18.15 dBV/m**
Grid 7 **M4** **24.16 dBV/m**	Grid 8 **M4** **21.87 dBV/m**	Grid 9 **M4** **19.27 dBV/m**



0 dB = 16.15 V/m = 24.16 dBV/m

HAC-RF Emission

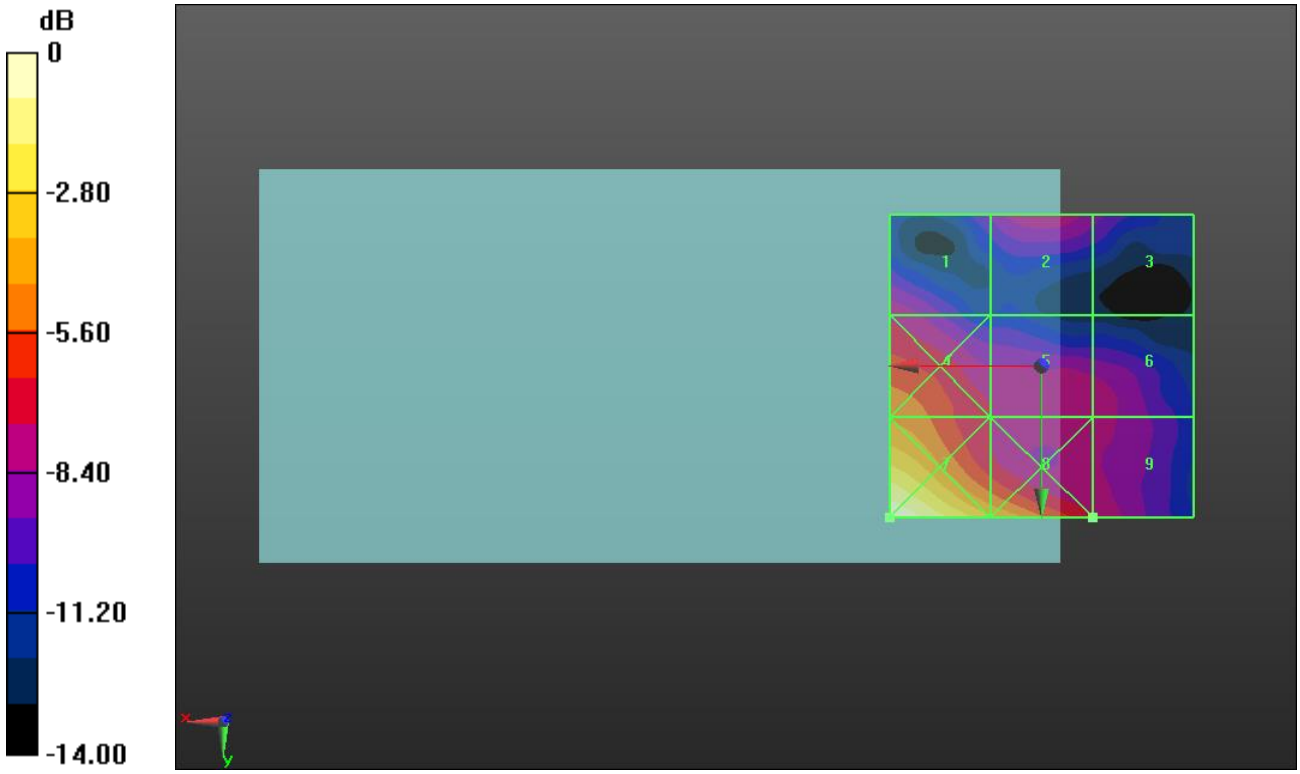
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 12.23 V/m; Power Drift = -0.12 dB
Applied MIF = -1.44 dB
RF audio interference level = 17.09 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.69 dBV/m**	Grid 2 **M4** **16.74 dBV/m**	Grid 3 **M4** **15.51 dBV/m**
Grid 4 **M4** **19.55 dBV/m**	Grid 5 **M4** **16.92 dBV/m**	Grid 6 **M4** **16.58 dBV/m**
Grid 7 **M4** **24.34 dBV/m**	Grid 8 **M4** **20.93 dBV/m**	Grid 9 **M4** **17.09 dBV/m**



0 dB = 16.49 V/m = 24.34 dBV/m

HAC-RF Emission

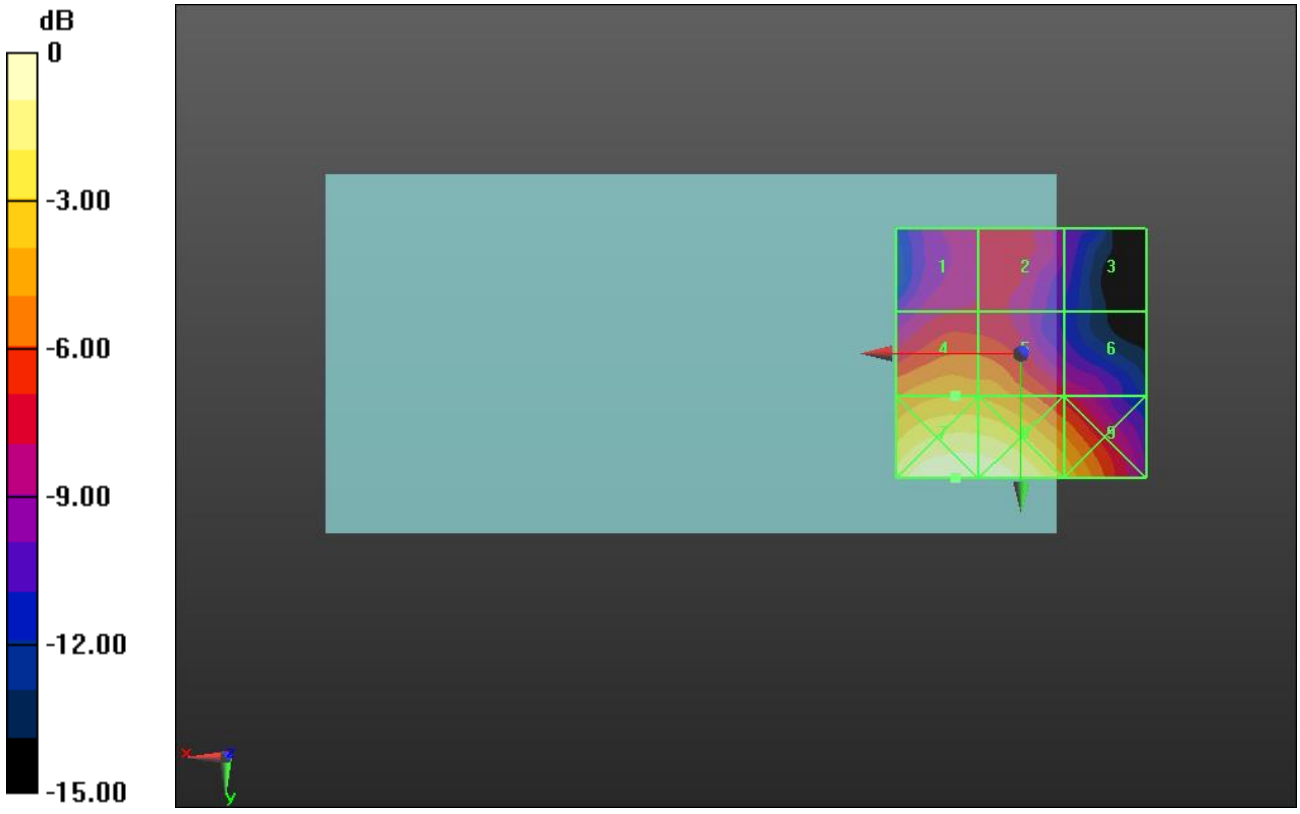
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2417 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2417 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4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

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 9.077 V/m; Power Drift = 0.17 dB
Applied MIF = -2.02 dB
RF audio interference level = 18.78 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.01 dBV/m**	Grid 2 **M4** **15.29 dBV/m**	Grid 3 **M4** **12.99 dBV/m**
Grid 4 **M4** **18.78 dBV/m**	Grid 5 **M4** **18.66 dBV/m**	Grid 6 **M4** **15.3 dBV/m**
Grid 7 **M4** **22.76 dBV/m**	Grid 8 **M4** **22.63 dBV/m**	Grid 9 **M4** **19.63 dBV/m**



0 dB = 13.73 V/m = 22.75 dBV/m

HAC-RF Emission

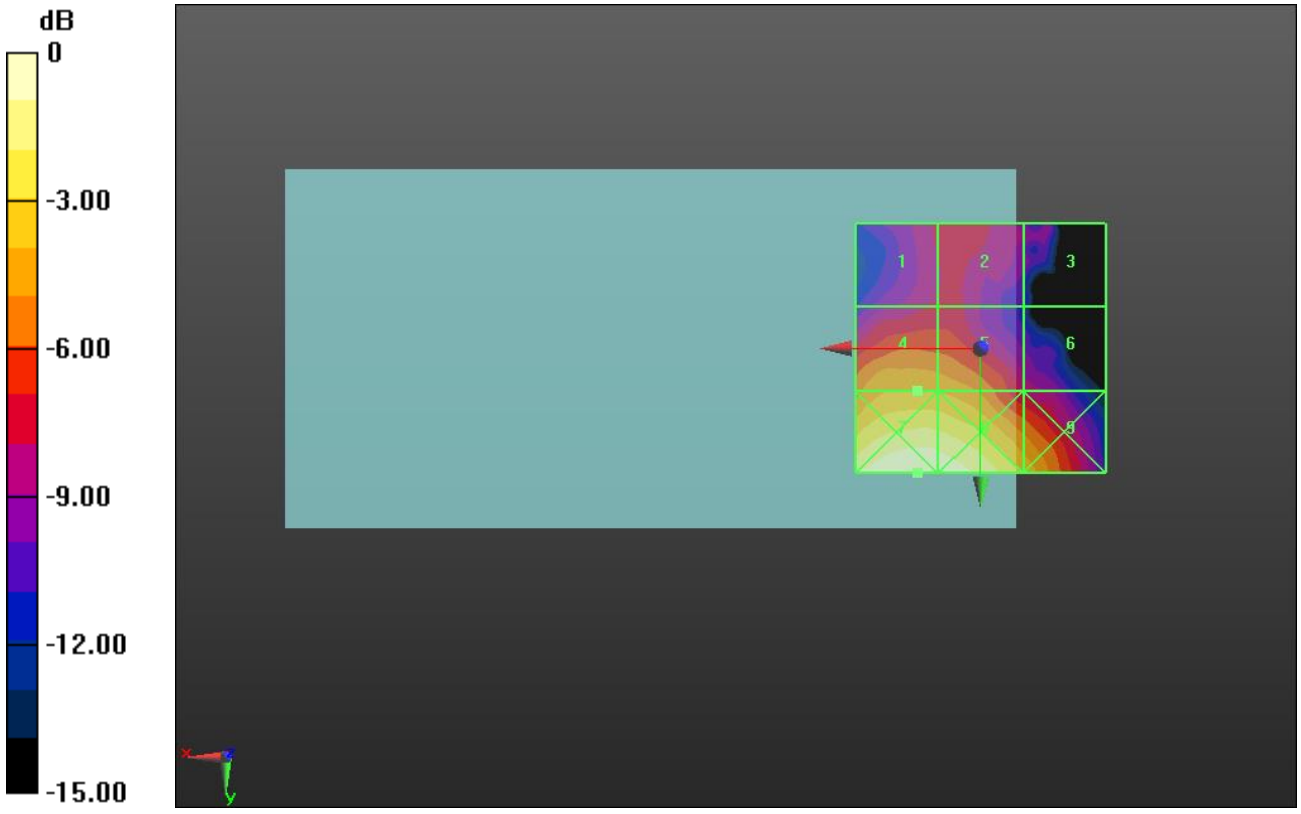
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4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

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 6.972 V/m; Power Drift = -0.04 dB
Applied MIF = -2.02 dB
RF audio interference level = 16.12 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **12.3 dBV/m**	Grid 2 **M4** **12.54 dBV/m**	Grid 3 **M4** **11.02 dBV/m**
Grid 4 **M4** **16.12 dBV/m**	Grid 5 **M4** **15.98 dBV/m**	Grid 6 **M4** **12.07 dBV/m**
Grid 7 **M4** **20.03 dBV/m**	Grid 8 **M4** **19.88 dBV/m**	Grid 9 **M4** **16.95 dBV/m**



0 dB = 10.04 V/m = 20.03 dBV/m

HAC-RF Emission

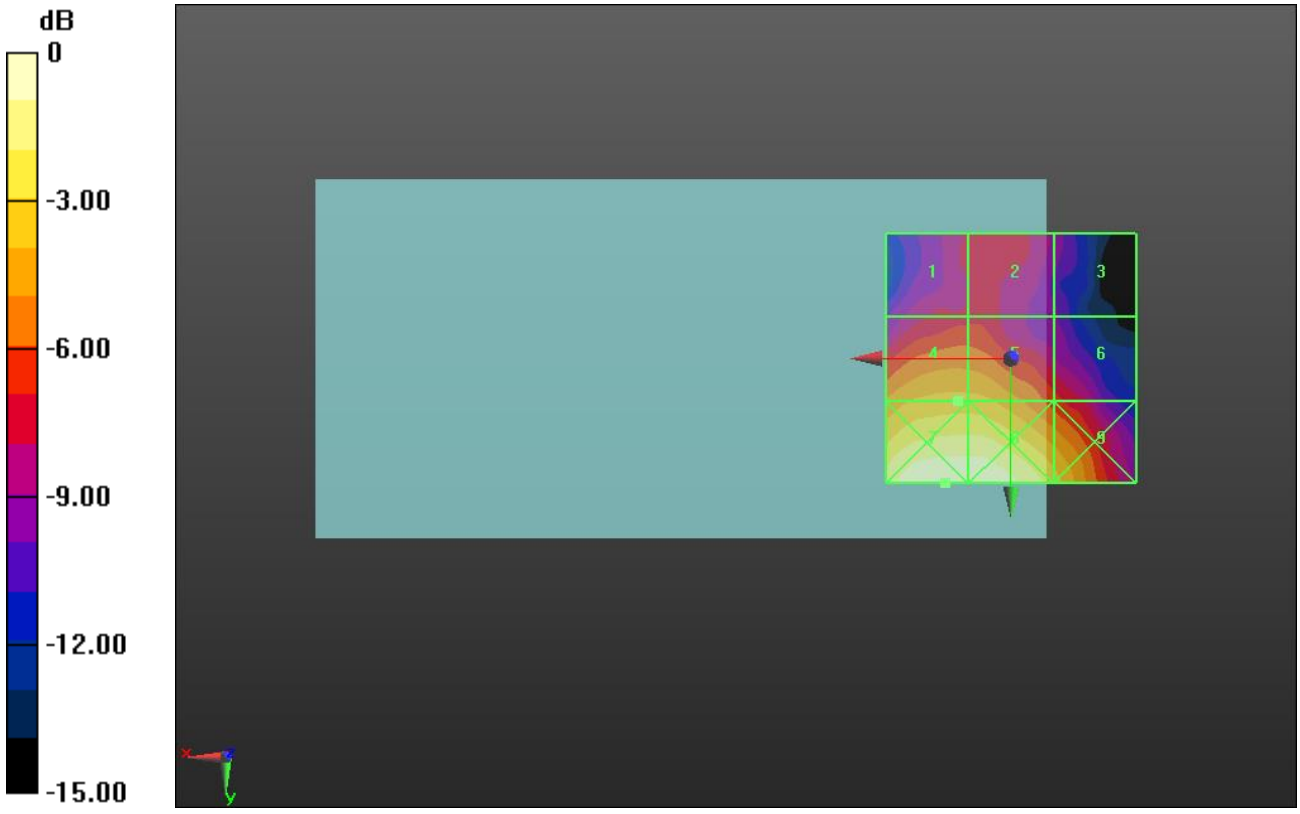
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4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

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 8.431 V/m; Power Drift = -0.03 dB
Applied MIF = -2.02 dB
RF audio interference level = 17.20 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **13.31 dBV/m**	Grid 2 **M4** **13.75 dBV/m**	Grid 3 **M4** **11.49 dBV/m**
Grid 4 **M4** **17.2 dBV/m**	Grid 5 **M4** **17.18 dBV/m**	Grid 6 **M4** **14.32 dBV/m**
Grid 7 **M4** **20.77 dBV/m**	Grid 8 **M4** **20.72 dBV/m**	Grid 9 **M4** **18.32 dBV/m**



0 dB = 10.93 V/m = 20.77 dBV/m

HAC-RF Emission

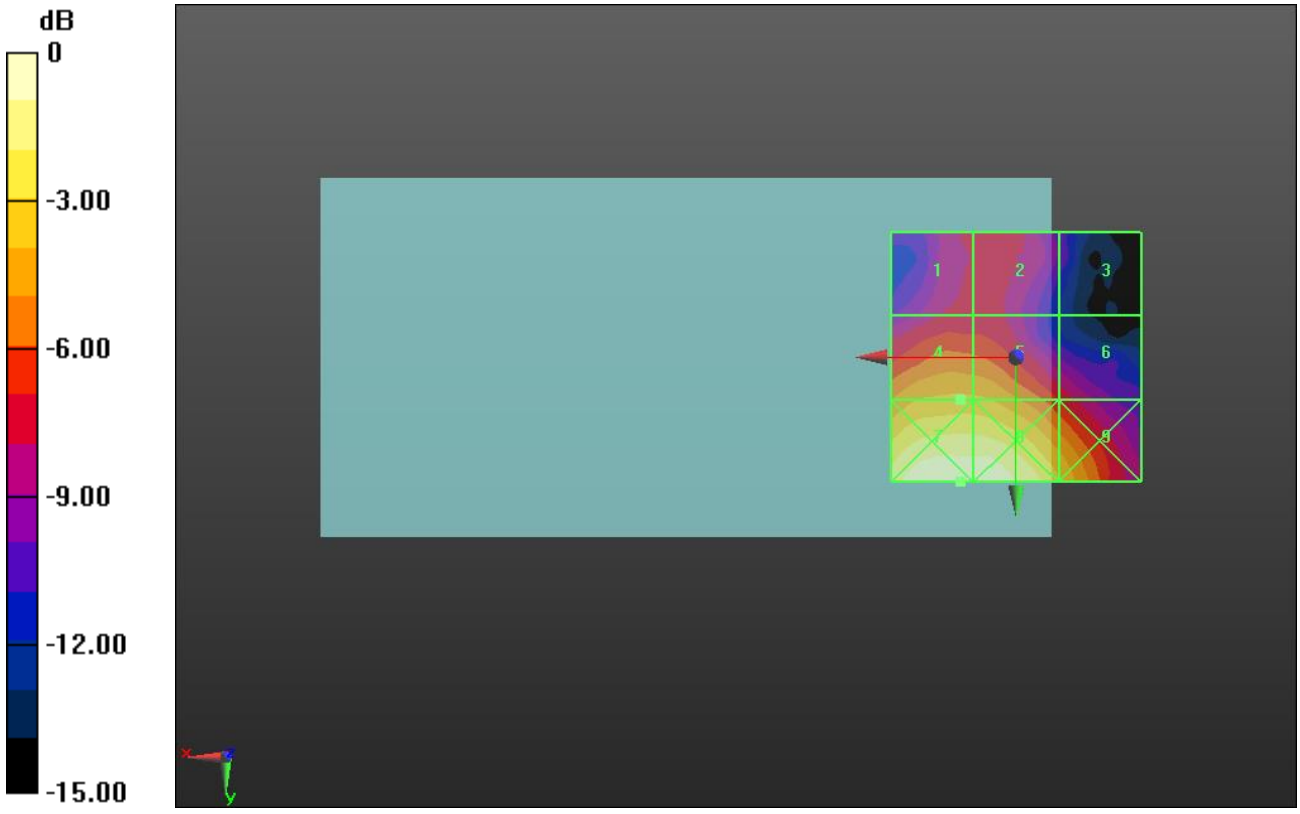
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2422 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2422 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: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

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 8.286 V/m; Power Drift = -0.27 dB
Applied MIF = 0.12 dB
RF audio interference level = 19.51 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.69 dBV/m**	Grid 2 **M4** **16 dBV/m**	Grid 3 **M4** **13.14 dBV/m**
Grid 4 **M4** **19.51 dBV/m**	Grid 5 **M4** **19.45 dBV/m**	Grid 6 **M4** **16.27 dBV/m**
Grid 7 **M4** **23.19 dBV/m**	Grid 8 **M4** **23.13 dBV/m**	Grid 9 **M4** **20.31 dBV/m**



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

HAC-RF Emission

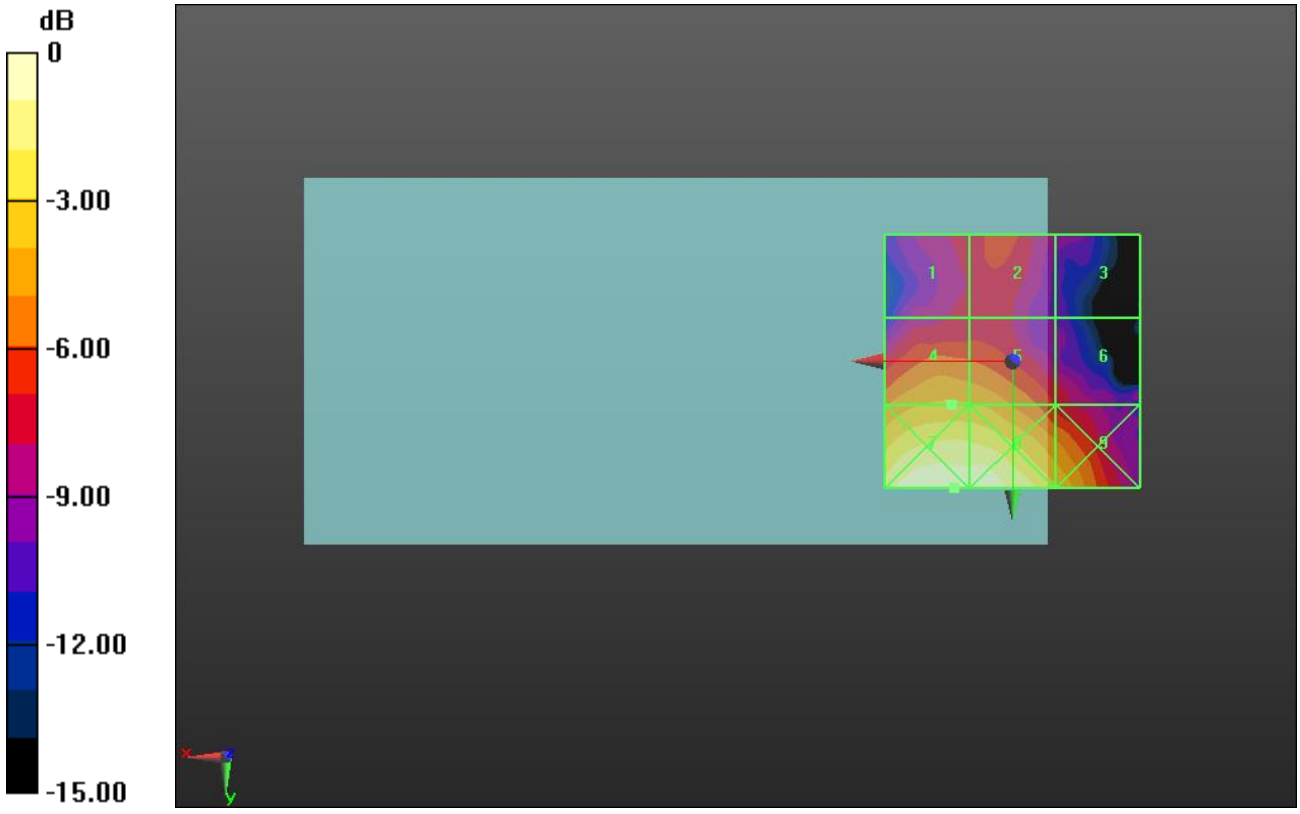
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: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

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 6.696 V/m; Power Drift = -0.28 dB
Applied MIF = 0.12 dB
RF audio interference level = 17.57 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.02 dBV/m**	Grid 2 **M4** **14.7 dBV/m**	Grid 3 **M4** **12.43 dBV/m**
Grid 4 **M4** **17.57 dBV/m**	Grid 5 **M4** **17.48 dBV/m**	Grid 6 **M4** **14.19 dBV/m**
Grid 7 **M4** **21.38 dBV/m**	Grid 8 **M4** **21.27 dBV/m**	Grid 9 **M4** **18.56 dBV/m**



0 dB = 11.72 V/m = 21.38 dBV/m

HAC-RF Emission

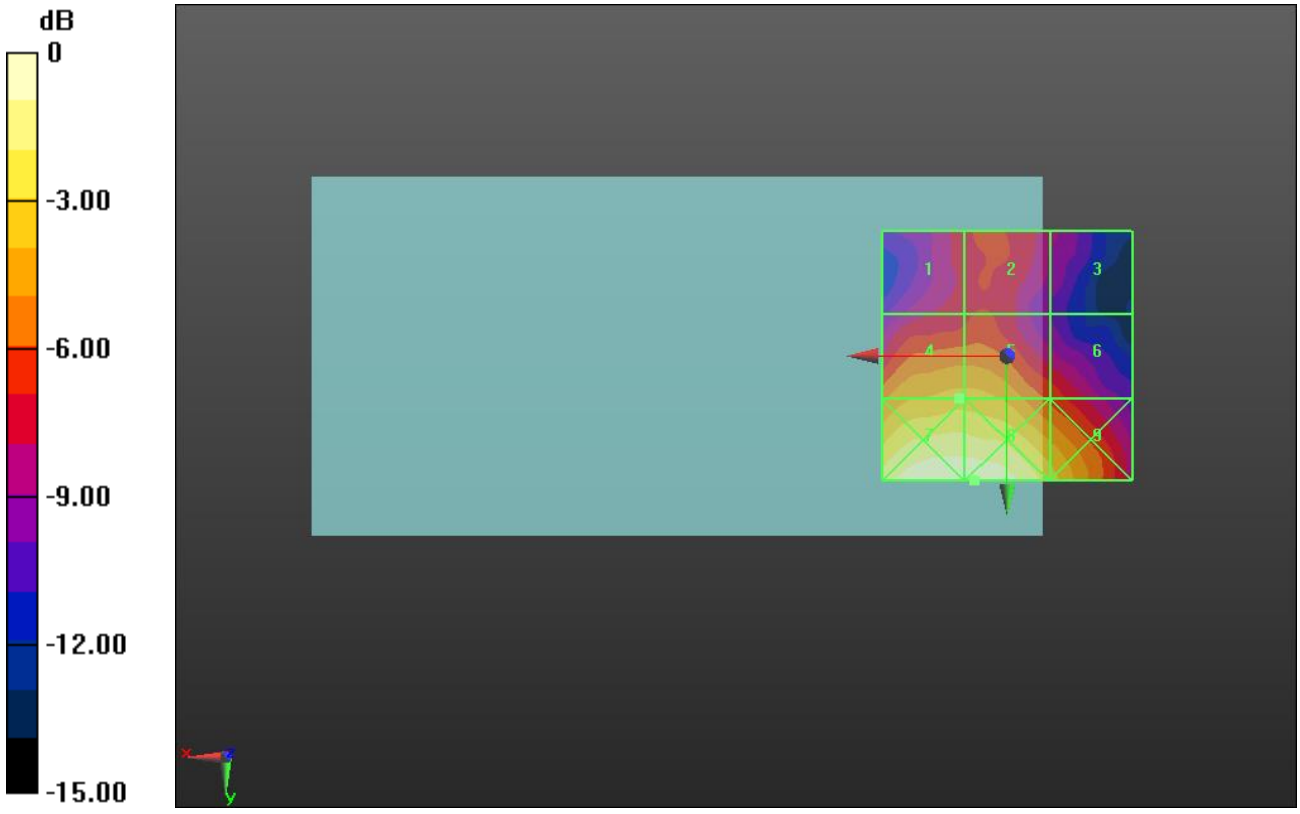
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2452 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: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

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 8.417 V/m; Power Drift = -0.03 dB
Applied MIF = 0.12 dB
RF audio interference level = 19.30 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.57 dBV/m**	Grid 2 **M4** **16.14 dBV/m**	Grid 3 **M4** **14.36 dBV/m**
Grid 4 **M4** **19.3 dBV/m**	Grid 5 **M4** **19.3 dBV/m**	Grid 6 **M4** **16.59 dBV/m**
Grid 7 **M4** **22.76 dBV/m**	Grid 8 **M4** **22.81 dBV/m**	Grid 9 **M4** **20.33 dBV/m**



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

HAC-RF Emission

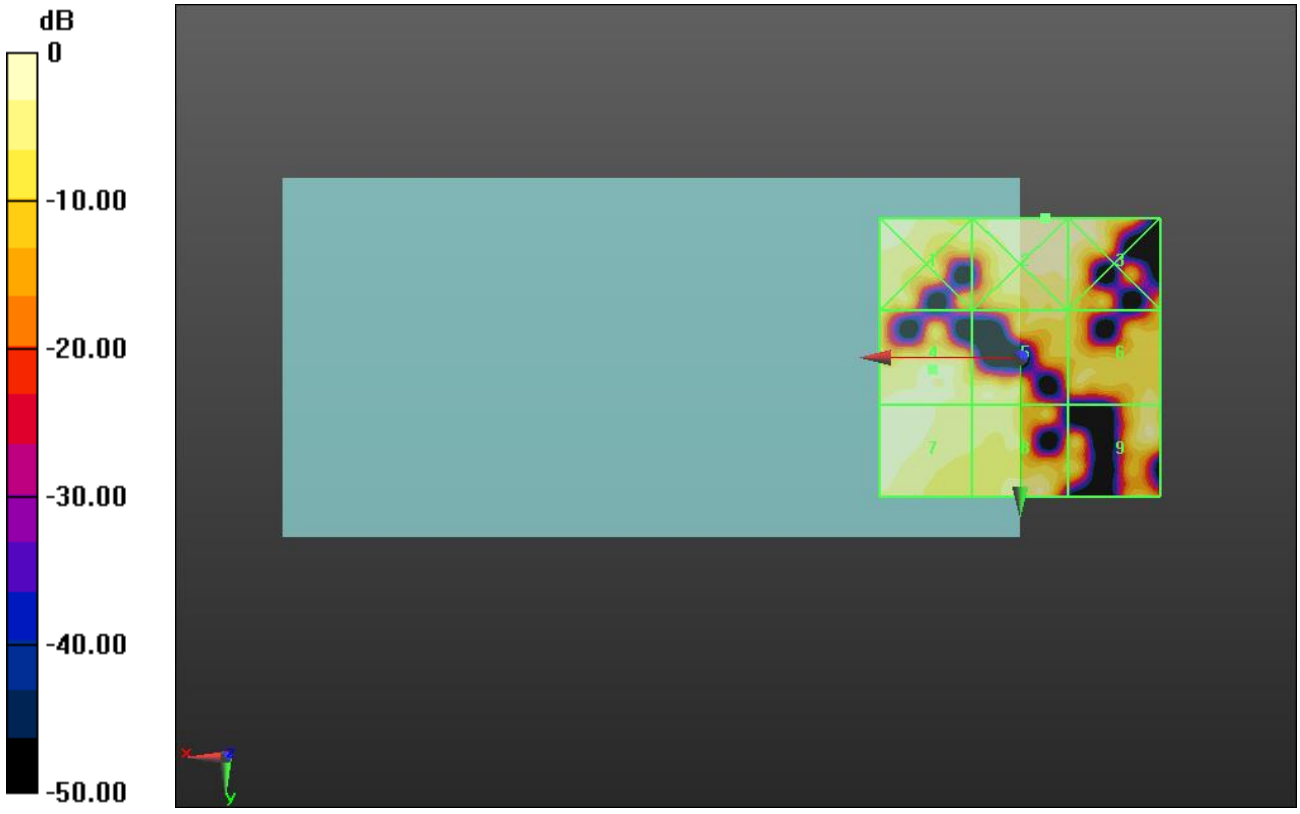
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5200 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5200 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377;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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 40/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 2.419 V/m; Power Drift = -1.92 dB
Applied MIF = -5.82 dB
RF audio interference level = 6.09 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **6.57 dBV/m**	Grid 2 **M4** **8.05 dBV/m**	Grid 3 **M4** **7.91 dBV/m**
Grid 4 **M4** **6.09 dBV/m**	Grid 5 **M4** **5.11 dBV/m**	Grid 6 **M4** **3.52 dBV/m**
Grid 7 **M4** **6 dBV/m**	Grid 8 **M4** **5.23 dBV/m**	Grid 9 **M4** **5.45 dBV/m**



0 dB = 2.525 V/m = 8.05 dBV/m

HAC-RF Emission

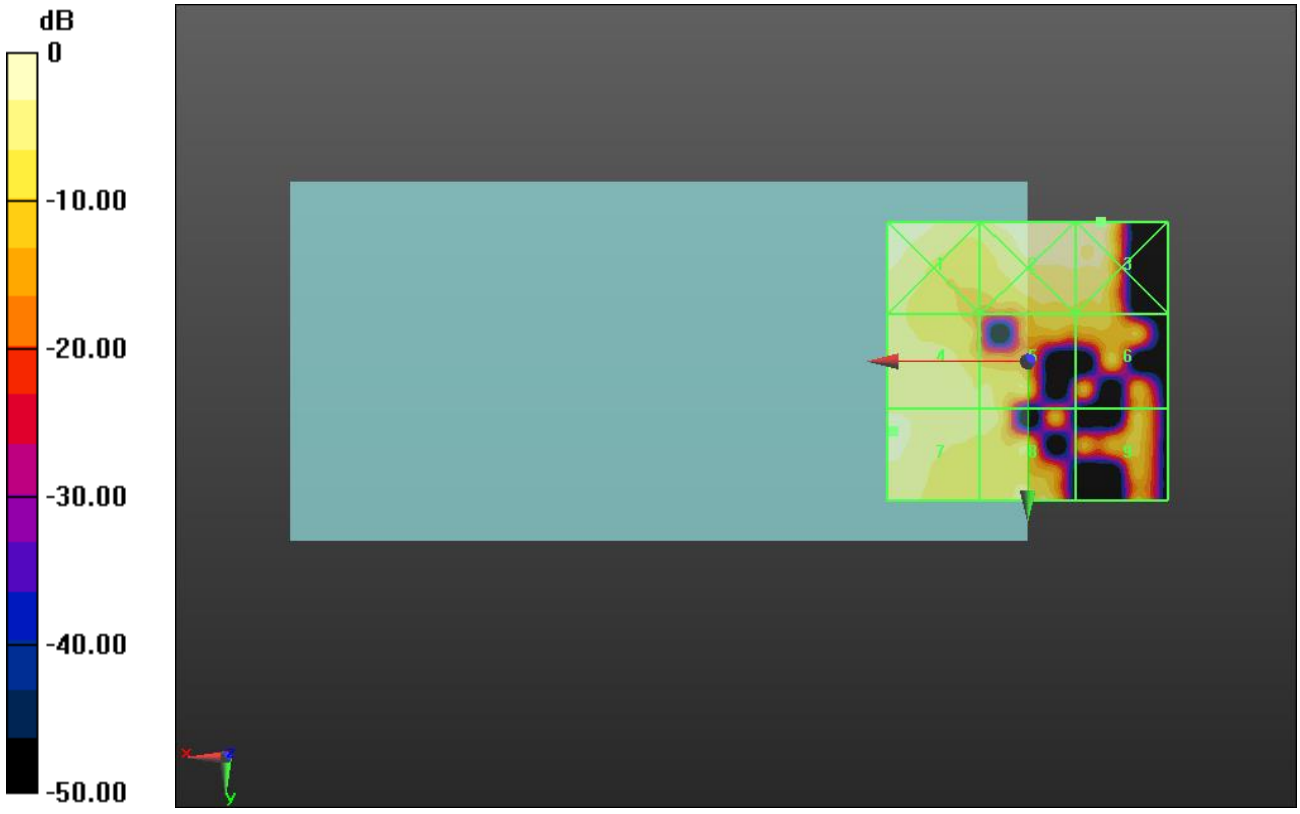
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5220 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5220 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377;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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 44/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 1.645 V/m; Power Drift = 2.50 dB
Applied MIF = -5.82 dB
RF audio interference level = 6.50 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **7.98 dBV/m**	Grid 2 **M4** **8.97 dBV/m**	Grid 3 **M4** **9.48 dBV/m**
Grid 4 **M4** **5.93 dBV/m**	Grid 5 **M4** **3.97 dBV/m**	Grid 6 **M4** **2.21 dBV/m**
Grid 7 **M4** **6.5 dBV/m**	Grid 8 **M4** **4.45 dBV/m**	Grid 9 **M4** **1.93 dBV/m**



0 dB = 2.978 V/m = 9.48 dBV/m

HAC-RF Emission

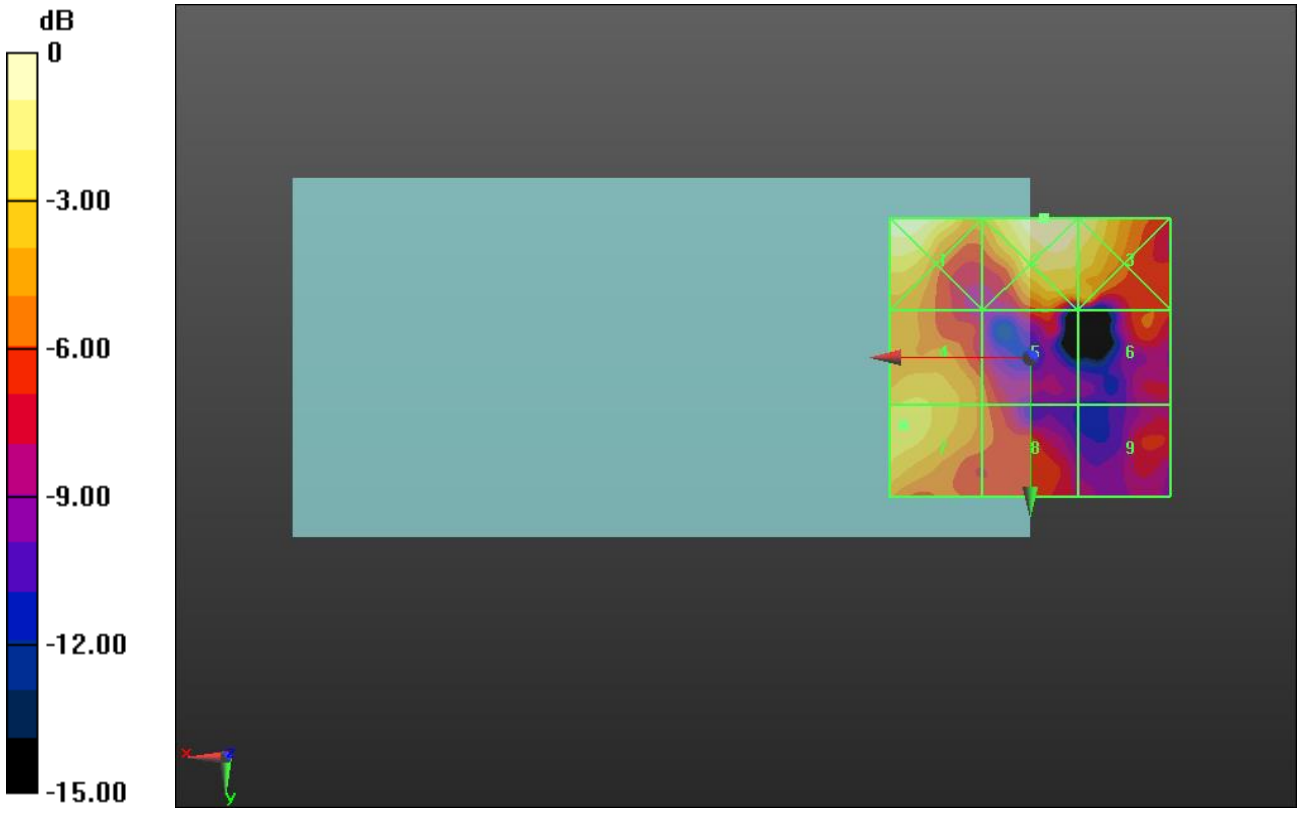
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5240 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5240 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377;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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 48/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 2.071 V/m; Power Drift = 0.79 dB
Applied MIF = -5.82 dB
RF audio interference level = 6.66 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **9.11 dBV/m**	Grid 2 **M4** **9.18 dBV/m**	Grid 3 **M4** **8.62 dBV/m**
Grid 4 **M4** **6.41 dBV/m**	Grid 5 **M4** **3.73 dBV/m**	Grid 6 **M4** **3.38 dBV/m**
Grid 7 **M4** **6.66 dBV/m**	Grid 8 **M4** **3.86 dBV/m**	Grid 9 **M4** **2.37 dBV/m**



0 dB = 2.878 V/m = 9.18 dBV/m

HAC-RF Emission

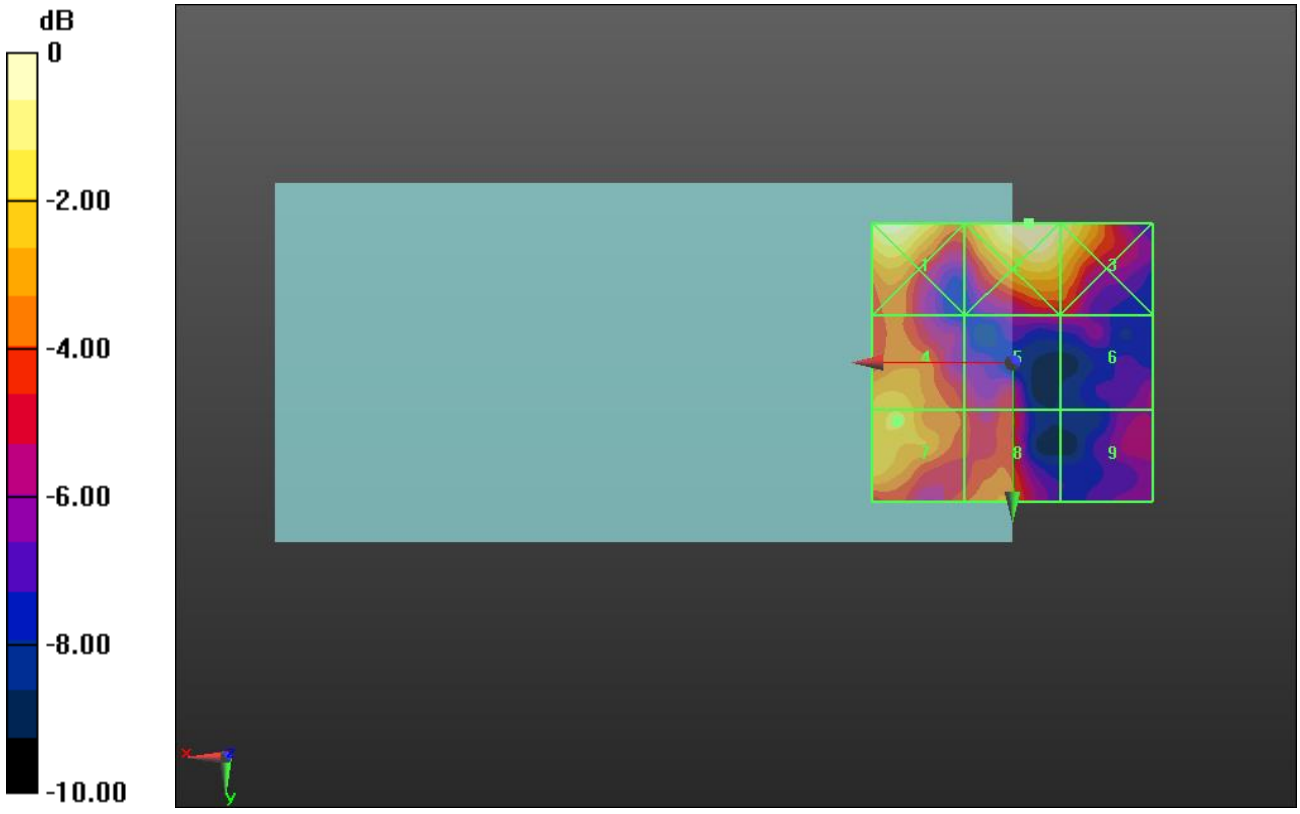
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5260 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5260 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377;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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 52/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 1.964 V/m; Power Drift = -2.34 dB
Applied MIF = -5.82 dB
RF audio interference level = 7.35 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **9 dBV/m**	Grid 2 **M4** **9.19 dBV/m**	Grid 3 **M4** **8.63 dBV/m**
Grid 4 **M4** **7.16 dBV/m**	Grid 5 **M4** **4.62 dBV/m**	Grid 6 **M4** **3.78 dBV/m**
Grid 7 **M4** **7.35 dBV/m**	Grid 8 **M4** **6.01 dBV/m**	Grid 9 **M4** **3.71 dBV/m**



0 dB = 2.880 V/m = 9.19 dBV/m

HAC-RF Emission

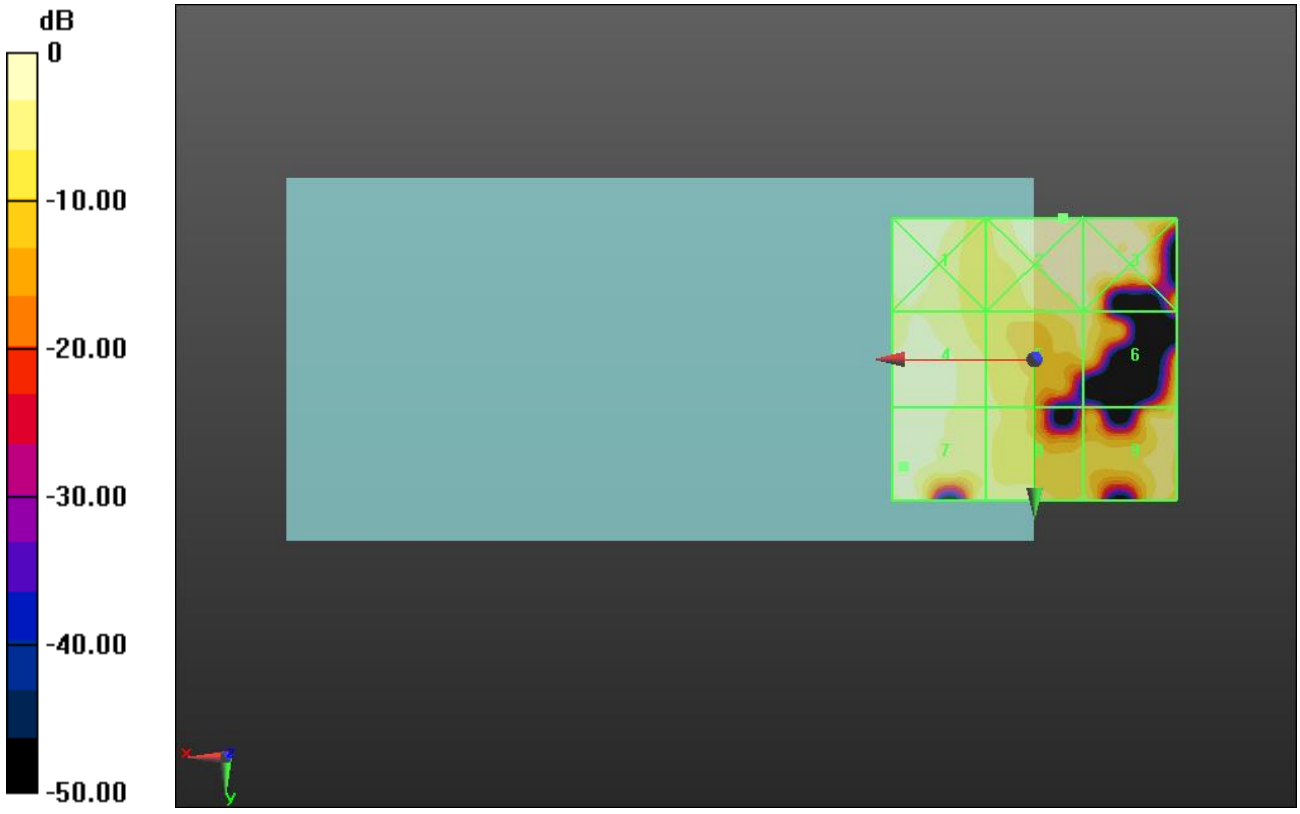
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5280 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5280 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377;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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 56/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 1.526 V/m; Power Drift = -1.67 dB
Applied MIF = -5.82 dB
RF audio interference level = 7.59 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **8.7 dBV/m**	Grid 2 **M4** **8.83 dBV/m**	Grid 3 **M4** **8.19 dBV/m**
Grid 4 **M4** **6.88 dBV/m**	Grid 5 **M4** **5.35 dBV/m**	Grid 6 **M4** **5.35 dBV/m**
Grid 7 **M4** **7.59 dBV/m**	Grid 8 **M4** **5.18 dBV/m**	Grid 9 **M4** **3.7 dBV/m**



0 dB = 2.763 V/m = 8.83 dBV/m

HAC-RF Emission

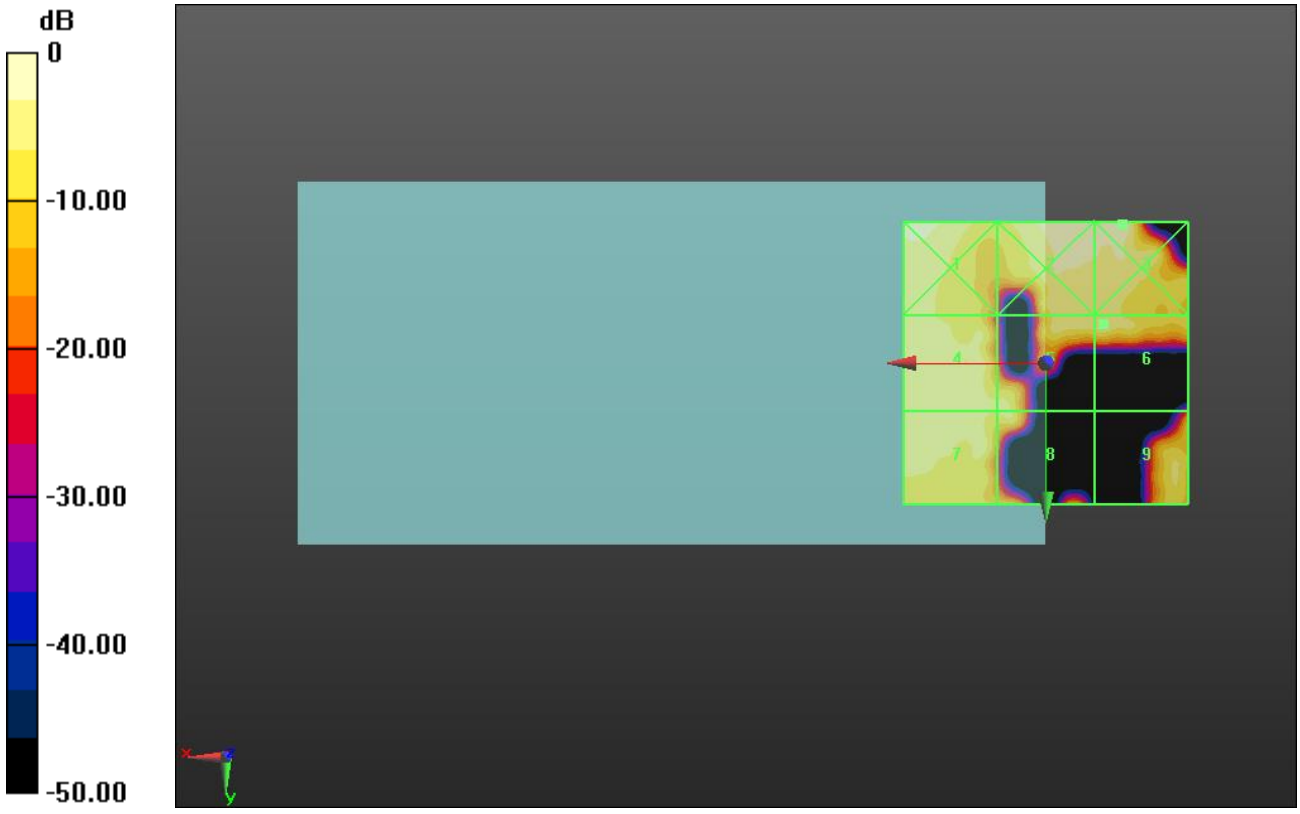
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5300 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5300 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377;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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 60/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 1.931 V/m; Power Drift = 0.17 dB
Applied MIF = -5.82 dB
RF audio interference level = 8.14 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **9.39 dBV/m**	Grid 2 **M4** **10.48 dBV/m**	Grid 3 **M4** **11.84 dBV/m**
Grid 4 **M4** **6.99 dBV/m**	Grid 5 **M4** **7.83 dBV/m**	Grid 6 **M4** **8.14 dBV/m**
Grid 7 **M4** **7.18 dBV/m**	Grid 8 **M4** **6.42 dBV/m**	Grid 9 **M4** **5.55 dBV/m**



0 dB = 3.907 V/m = 11.84 dBV/m

HAC-RF Emission

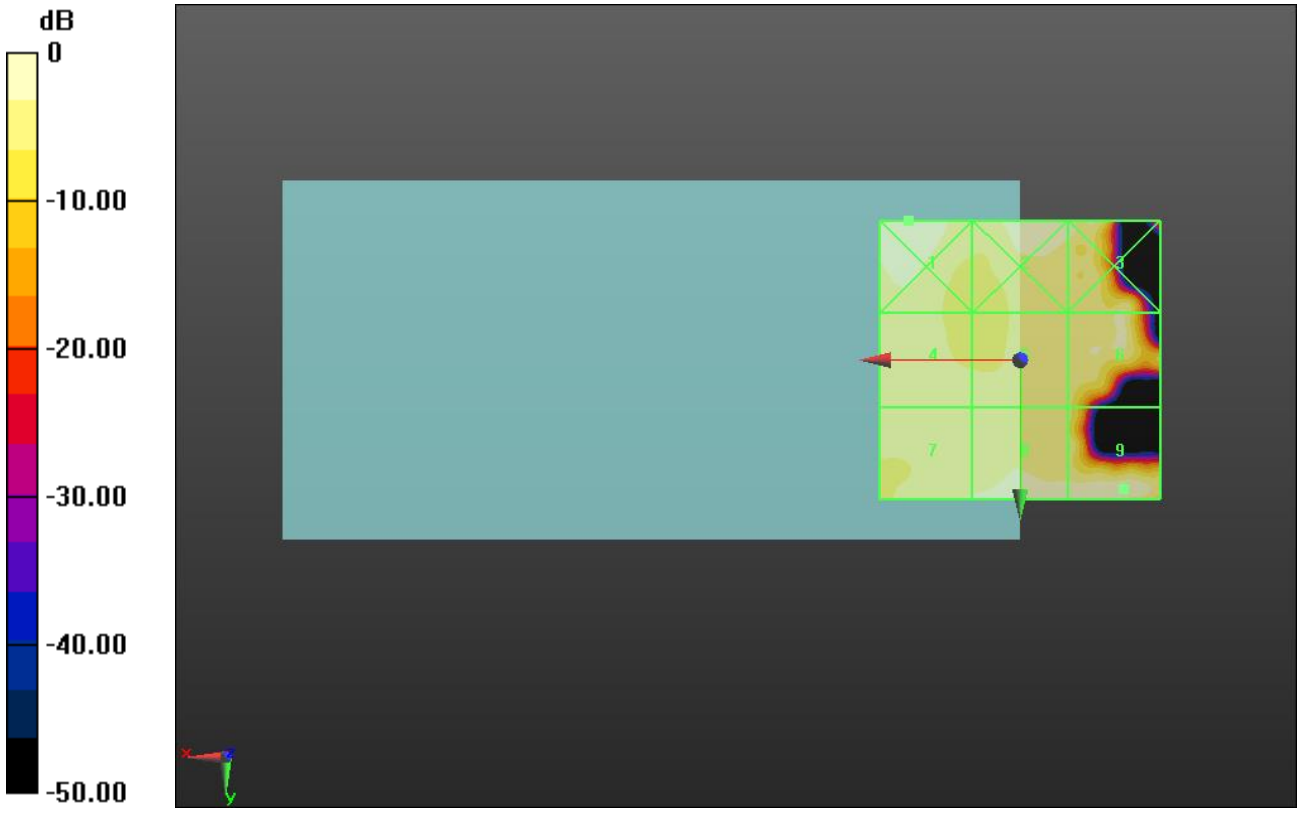
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5520 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5520 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377;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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 104/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 3.265 V/m; Power Drift = 0.22 dB
Applied MIF = -5.82 dB
RF audio interference level = 8.58 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **9.09 dBV/m**	Grid 2 **M4** **8.24 dBV/m**	Grid 3 **M4** **7.67 dBV/m**
Grid 4 **M4** **5.5 dBV/m**	Grid 5 **M4** **5.56 dBV/m**	Grid 6 **M4** **6.86 dBV/m**
Grid 7 **M4** **5.98 dBV/m**	Grid 8 **M4** **7.35 dBV/m**	Grid 9 **M4** **8.58 dBV/m**



0 dB = 2.849 V/m = 9.09 dBV/m

HAC-RF Emission

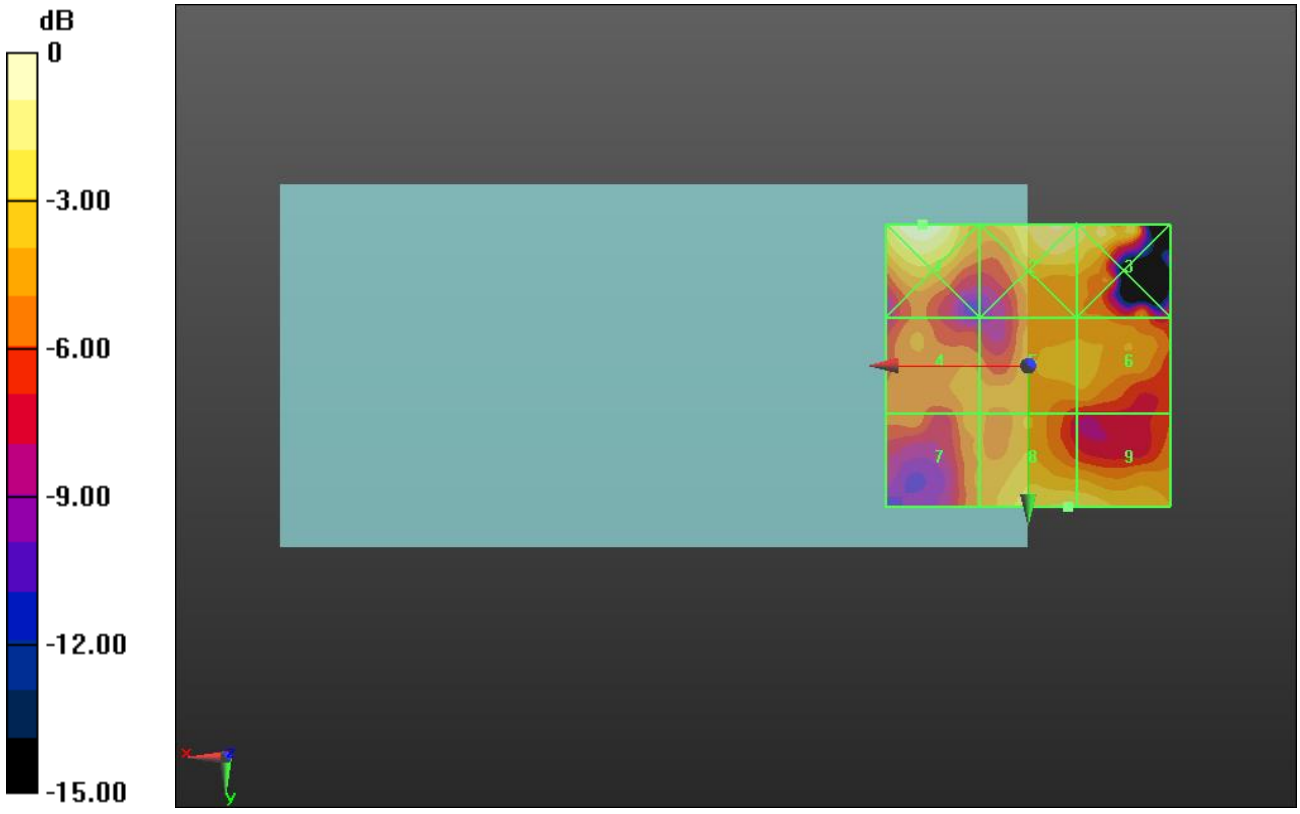
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5620 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5620 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377;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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 124/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 2.959 V/m; Power Drift = 1.30 dB
Applied MIF = -5.82 dB
RF audio interference level = 7.60 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **9.32 dBV/m**	Grid 2 **M4** **8.47 dBV/m**	Grid 3 **M4** **7.86 dBV/m**
Grid 4 **M4** **4.87 dBV/m**	Grid 5 **M4** **5.84 dBV/m**	Grid 6 **M4** **5.84 dBV/m**
Grid 7 **M4** **4.97 dBV/m**	Grid 8 **M4** **7.6 dBV/m**	Grid 9 **M4** **7.54 dBV/m**



0 dB = 2.923 V/m = 9.32 dBV/m

HAC-RF Emission

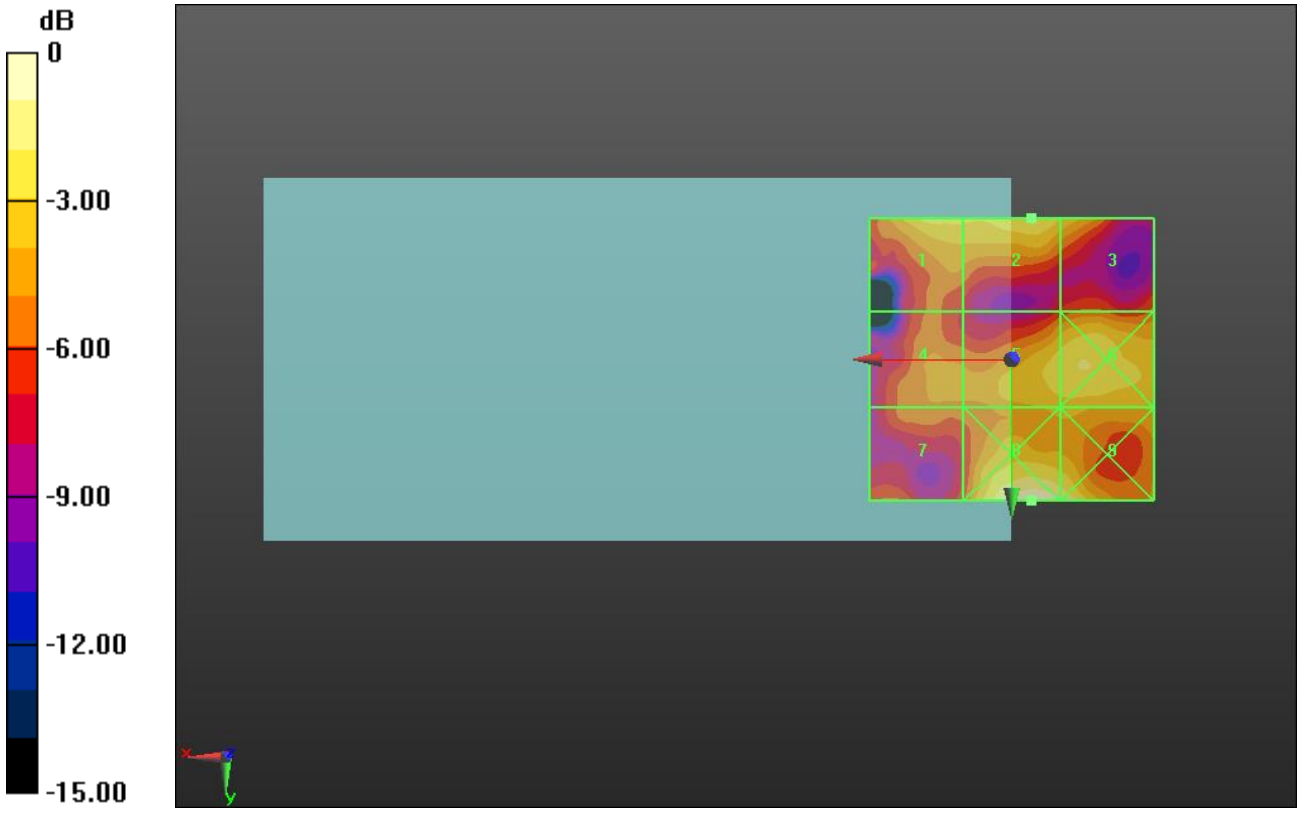
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5720 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5720 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377;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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 144/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 4.781 V/m; Power Drift = -0.23 dB
Applied MIF = -5.82 dB
RF audio interference level = 8.73 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **8.06 dBV/m**	Grid 2 **M4** **8.73 dBV/m**	Grid 3 **M4** **7.81 dBV/m**
Grid 4 **M4** **6.16 dBV/m**	Grid 5 **M4** **8.2 dBV/m**	Grid 6 **M4** **8.61 dBV/m**
Grid 7 **M4** **5.46 dBV/m**	Grid 8 **M4** **10.56 dBV/m**	Grid 9 **M4** **9.74 dBV/m**



0 dB = 3.374 V/m = 10.56 dBV/m

HAC-RF Emission

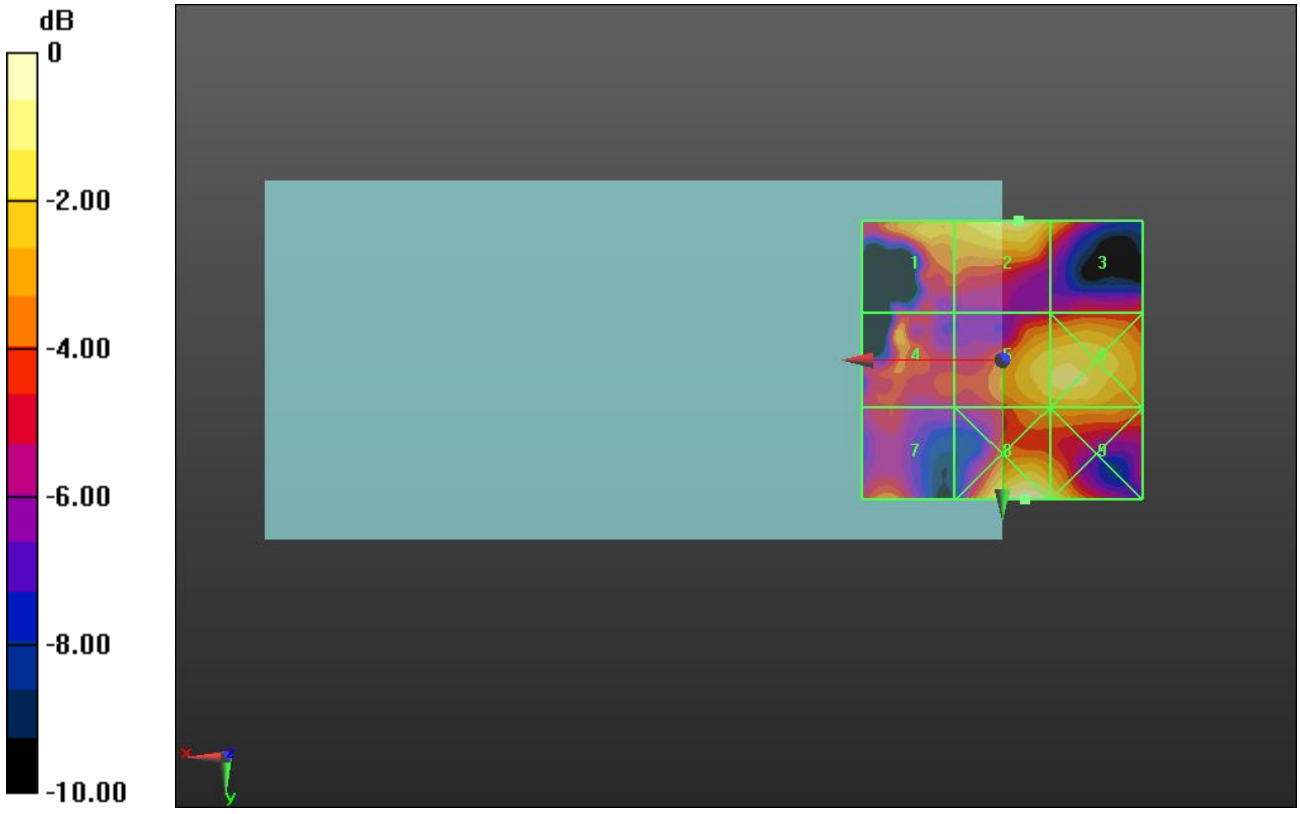
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5745 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377;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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 149/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 5.341 V/m; Power Drift = -0.47 dB
Applied MIF = -5.82 dB
RF audio interference level = 8.96 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **7.62 dBV/m**	Grid 2 **M4** **8.96 dBV/m**	Grid 3 **M4** **7.64 dBV/m**
Grid 4 **M4** **7.13 dBV/m**	Grid 5 **M4** **8.47 dBV/m**	Grid 6 **M4** **8.67 dBV/m**
Grid 7 **M4** **6.52 dBV/m**	Grid 8 **M4** **9.79 dBV/m**	Grid 9 **M4** **9.03 dBV/m**



0 dB = 3.088 V/m = 9.79 dBV/m

HAC-RF Emission

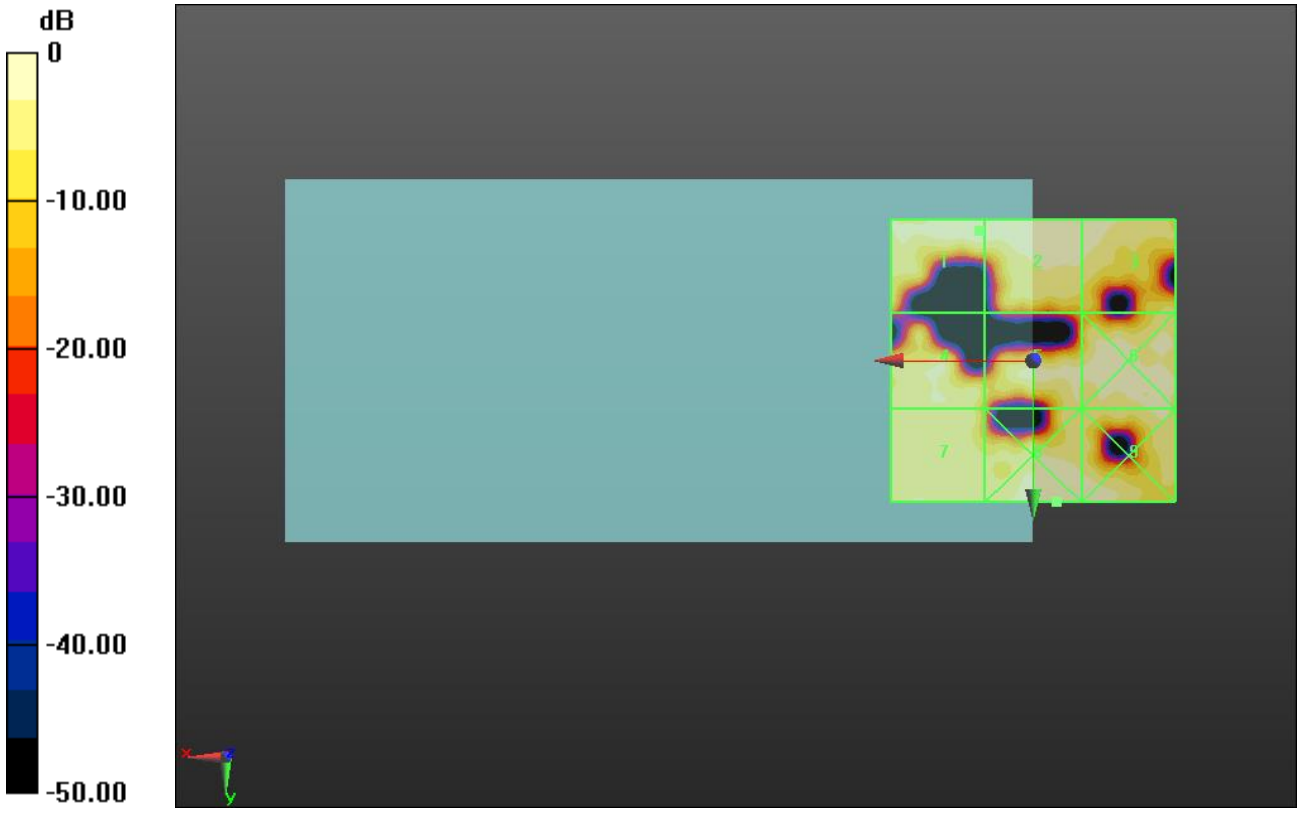
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5785 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377;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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 157/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 3.971 V/m; Power Drift = -0.91 dB
Applied MIF = -5.82 dB
RF audio interference level = 9.70 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **9.7 dBV/m**	Grid 2 **M4** **9.67 dBV/m**	Grid 3 **M4** **9.45 dBV/m**
Grid 4 **M4** **7.56 dBV/m**	Grid 5 **M4** **8.47 dBV/m**	Grid 6 **M4** **8.66 dBV/m**
Grid 7 **M4** **6.99 dBV/m**	Grid 8 **M4** **10.13 dBV/m**	Grid 9 **M4** **9.74 dBV/m**



0 dB = 3.211 V/m = 10.13 dBV/m

HAC-RF Emission

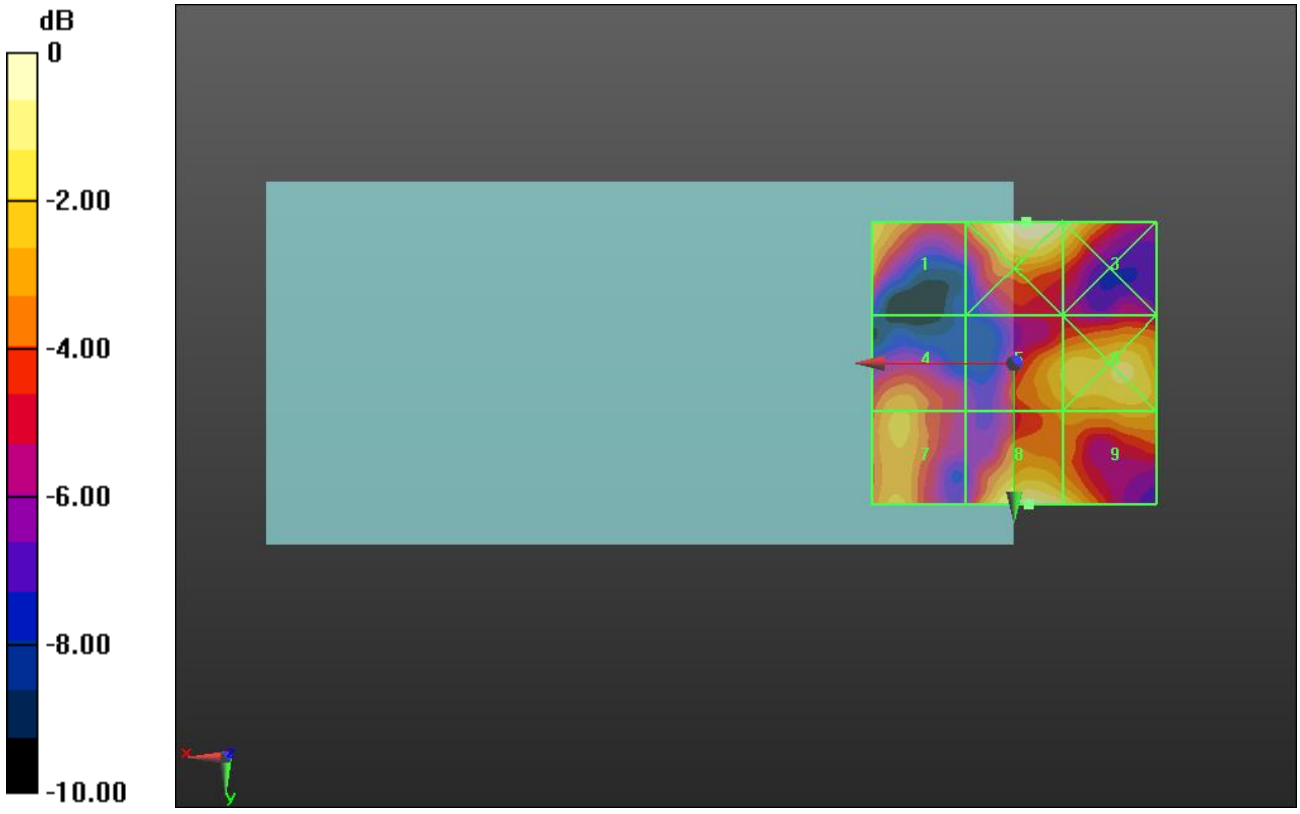
Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5825 MHz; Duty Cycle: 1:7.37564
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5825 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377;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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 165/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 4.780 V/m; Power Drift = -0.51 dB
Applied MIF = -5.82 dB
RF audio interference level = 10.77 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **8.89 dBV/m**	Grid 2 **M4** **10.89 dBV/m**	Grid 3 **M4** **10.22 dBV/m**
Grid 4 **M4** **8.3 dBV/m**	Grid 5 **M4** **9.04 dBV/m**	Grid 6 **M4** **9.79 dBV/m**
Grid 7 **M4** **8.59 dBV/m**	Grid 8 **M4** **10.77 dBV/m**	Grid 9 **M4** **9.96 dBV/m**



0 dB = 3.504 V/m = 10.89 dBV/m

HAC-RF Emission

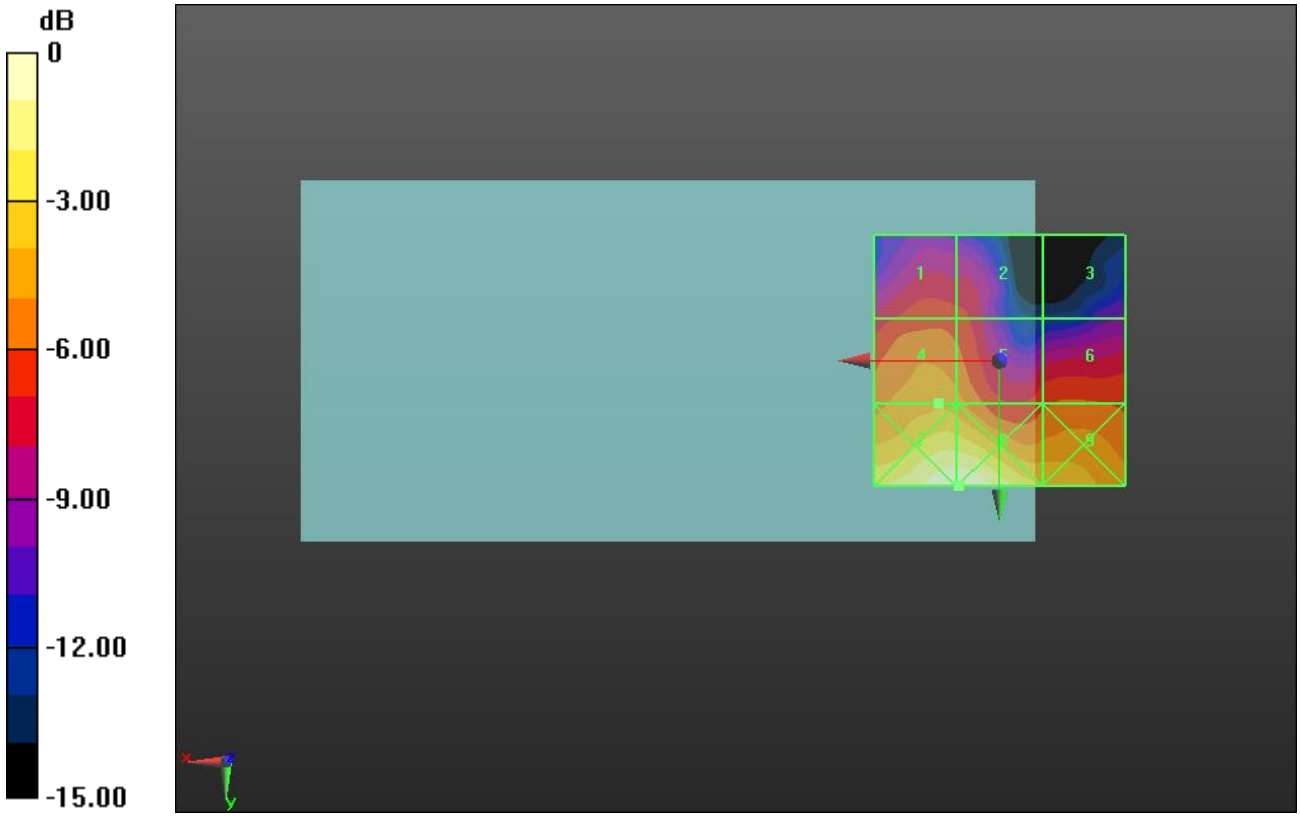
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377;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

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 5.652 V/m; Power Drift = -0.14 dB
Applied MIF = -1.44 dB
RF audio interference level = 17.68 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.58 dBV/m**	Grid 2 **M4** **15.24 dBV/m**	Grid 3 **M4** **12.18 dBV/m**
Grid 4 **M4** **17.68 dBV/m**	Grid 5 **M4** **17.31 dBV/m**	Grid 6 **M4** **16.02 dBV/m**
Grid 7 **M4** **21.83 dBV/m**	Grid 8 **M4** **21.84 dBV/m**	Grid 9 **M4** **18.95 dBV/m**



0 dB = 12.36 V/m = 21.84 dBV/m

HAC-RF Emission

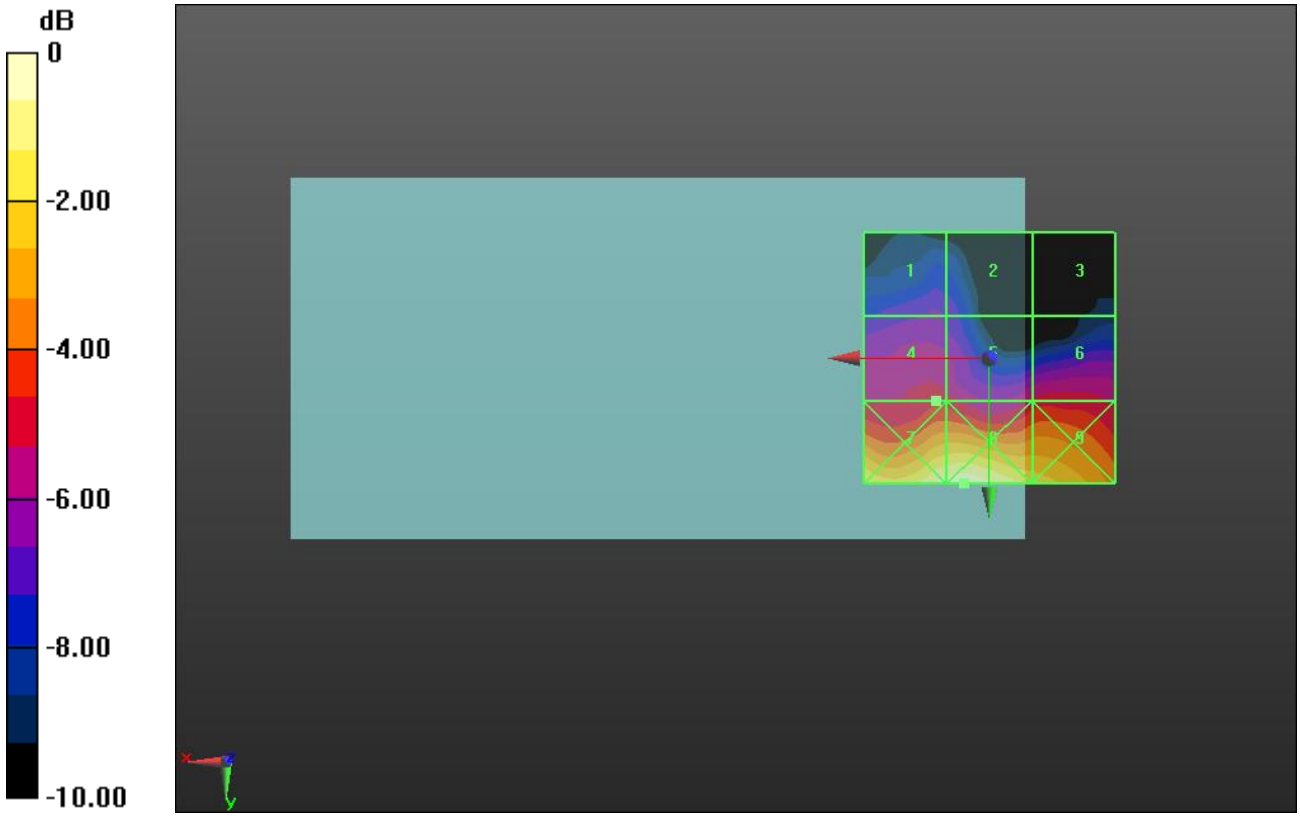
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 5.594 V/m; Power Drift = -0.12 dB
Applied MIF = -1.44 dB
RF audio interference level = 16.18 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.48 dBV/m**	Grid 2 **M4** **14.23 dBV/m**	Grid 3 **M4** **12.29 dBV/m**
Grid 4 **M4** **16.18 dBV/m**	Grid 5 **M4** **16.06 dBV/m**	Grid 6 **M4** **16.11 dBV/m**
Grid 7 **M4** **20.8 dBV/m**	Grid 8 **M4** **21 dBV/m**	Grid 9 **M4** **19.52 dBV/m**



0 dB = 11.22 V/m = 21.00 dBV/m

HAC-RF Emission

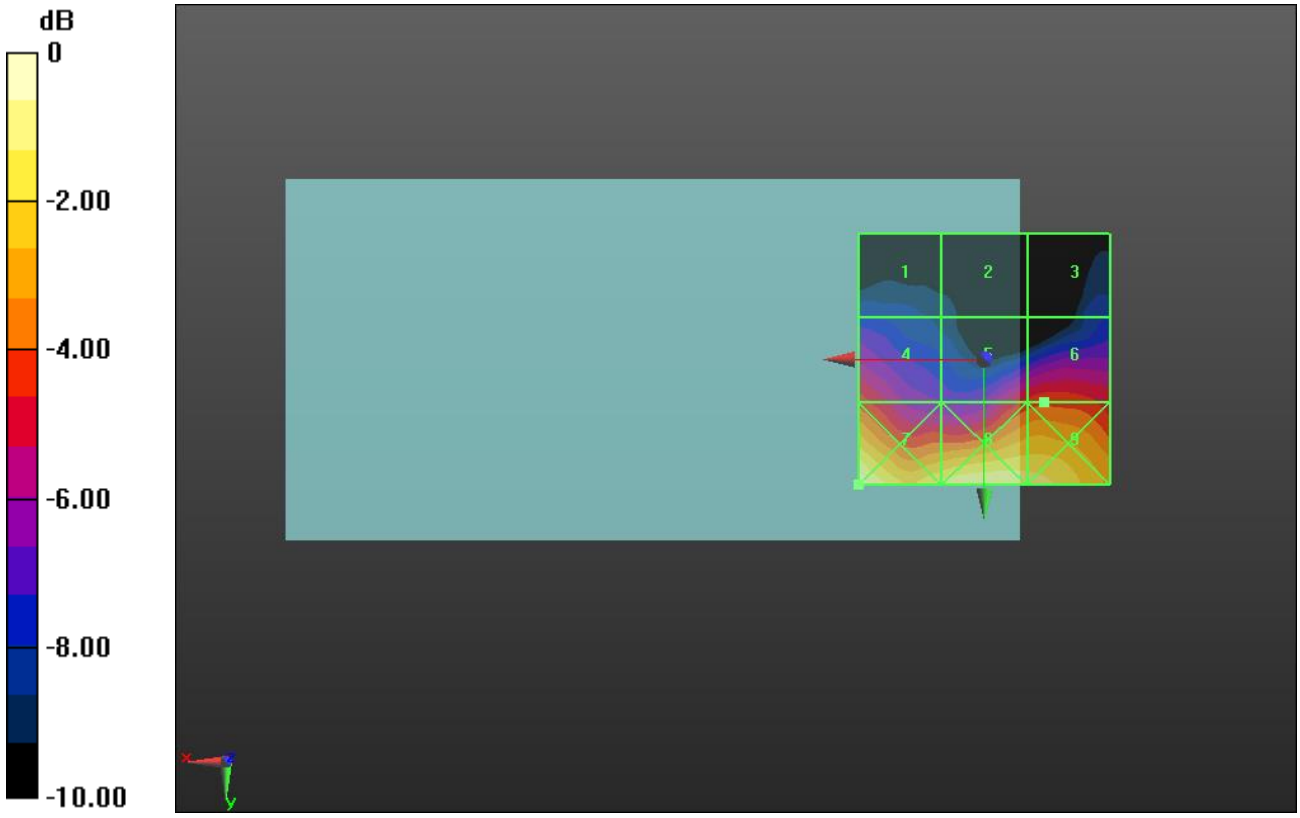
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 5.059 V/m; Power Drift = 0.52 dB
Applied MIF = -1.44 dB
RF audio interference level = 17.16 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **13.52 dBV/m**	Grid 2 **M4** **12.42 dBV/m**	Grid 3 **M4** **13.3 dBV/m**
Grid 4 **M4** **17.1 dBV/m**	Grid 5 **M4** **16.88 dBV/m**	Grid 6 **M4** **17.16 dBV/m**
Grid 7 **M4** **21.31 dBV/m**	Grid 8 **M4** **20.78 dBV/m**	Grid 9 **M4** **20.46 dBV/m**



0 dB = 11.63 V/m = 21.31 dBV/m

HAC-RF Emission

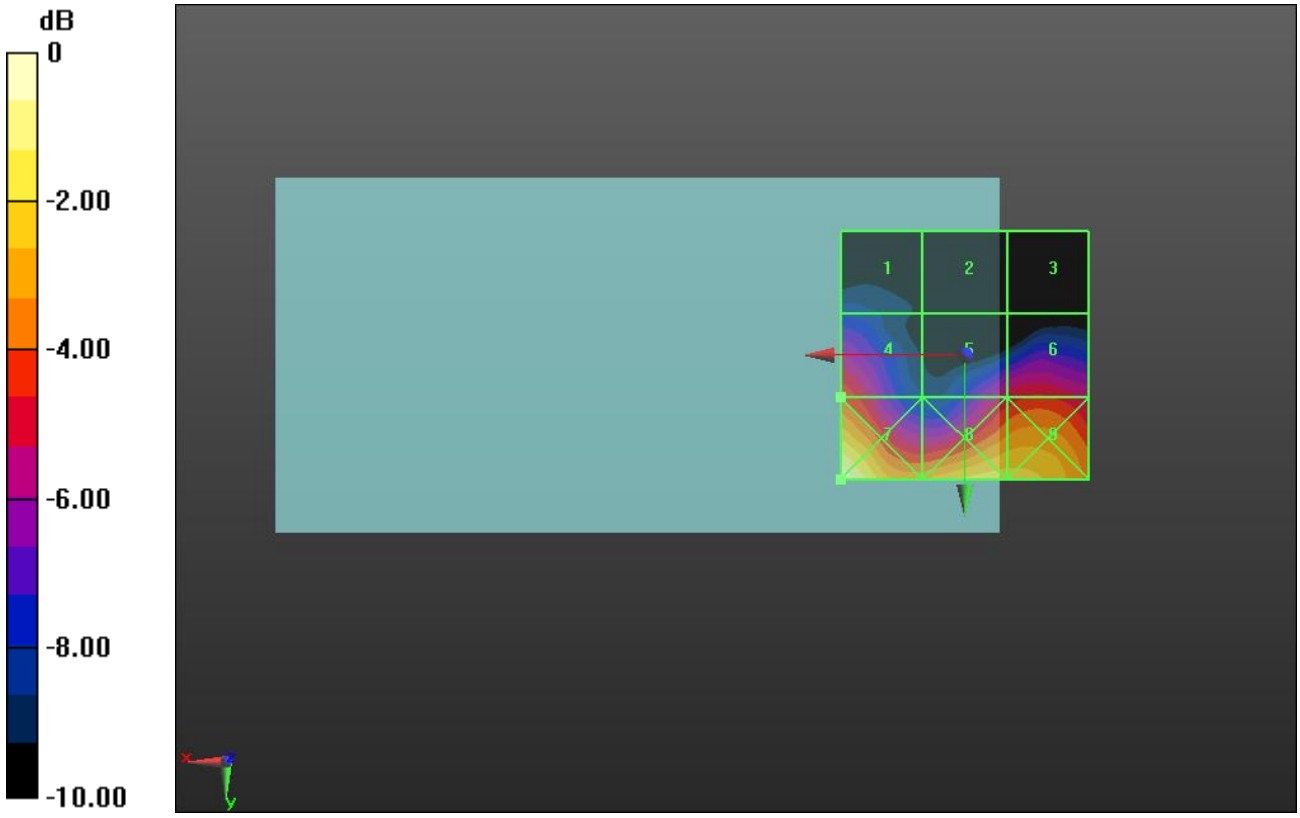
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 4.976 V/m; Power Drift = -0.66 dB
Applied MIF = -1.44 dB
RF audio interference level = 18.01 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **13.94 dBV/m**	Grid 2 **M4** **12.41 dBV/m**	Grid 3 **M4** **12.28 dBV/m**
Grid 4 **M4** **18.01 dBV/m**	Grid 5 **M4** **16.88 dBV/m**	Grid 6 **M4** **17.49 dBV/m**
Grid 7 **M4** **22.02 dBV/m**	Grid 8 **M4** **20.44 dBV/m**	Grid 9 **M4** **20.42 dBV/m**



0 dB = 12.62 V/m = 22.02 dBV/m

HAC-RF Emission

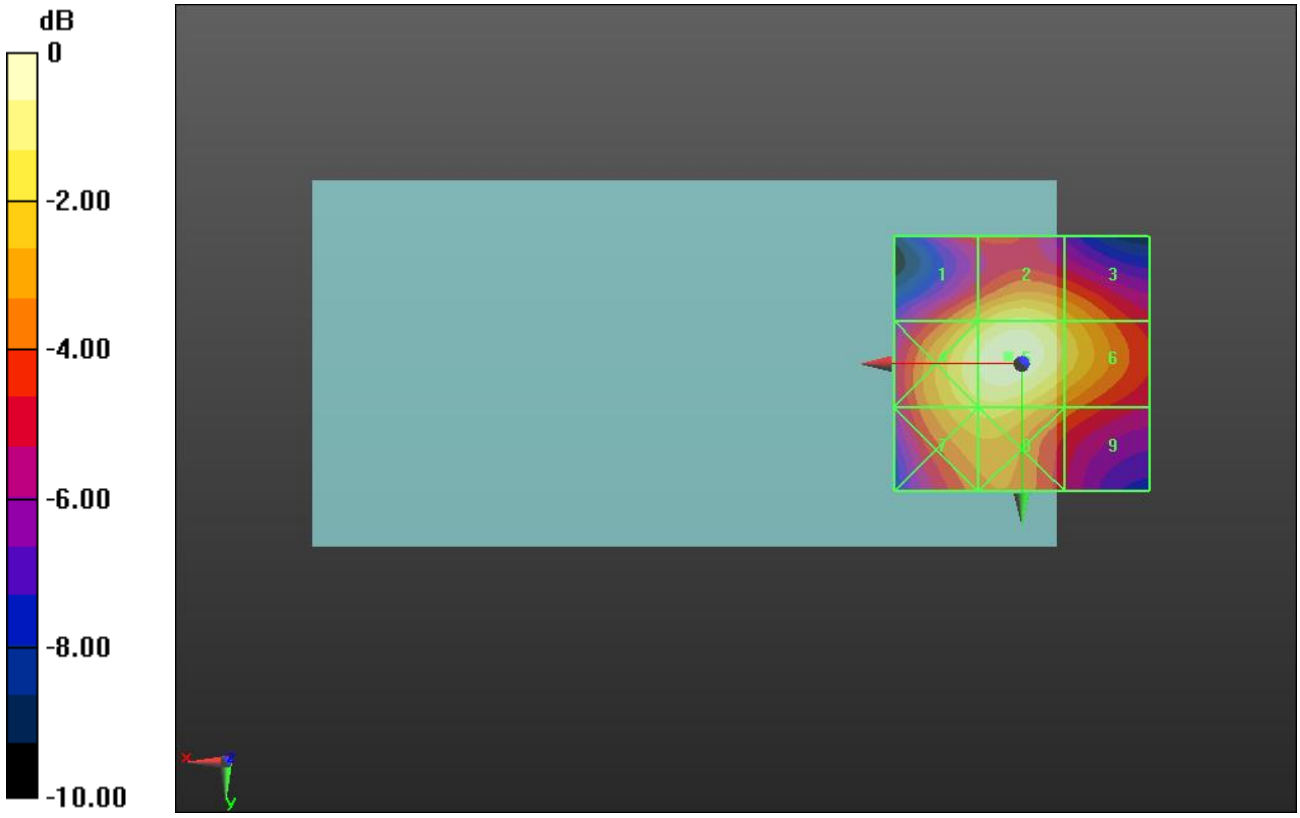
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 53.57 V/m; Power Drift = -0.00 dB
Applied MIF = -1.44 dB
RF audio interference level = 29.20 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.95 dBV/m**	Grid 2 **M4** **28.07 dBV/m**	Grid 3 **M4** **27.01 dBV/m**
Grid 4 **M4** **28.58 dBV/m**	Grid 5 **M4** **29.2 dBV/m**	Grid 6 **M4** **27.73 dBV/m**
Grid 7 **M4** **27.5 dBV/m**	Grid 8 **M4** **27.62 dBV/m**	Grid 9 **M4** **25.71 dBV/m**



0 dB = 28.83 V/m = 29.20 dBV/m

HAC-RF Emission

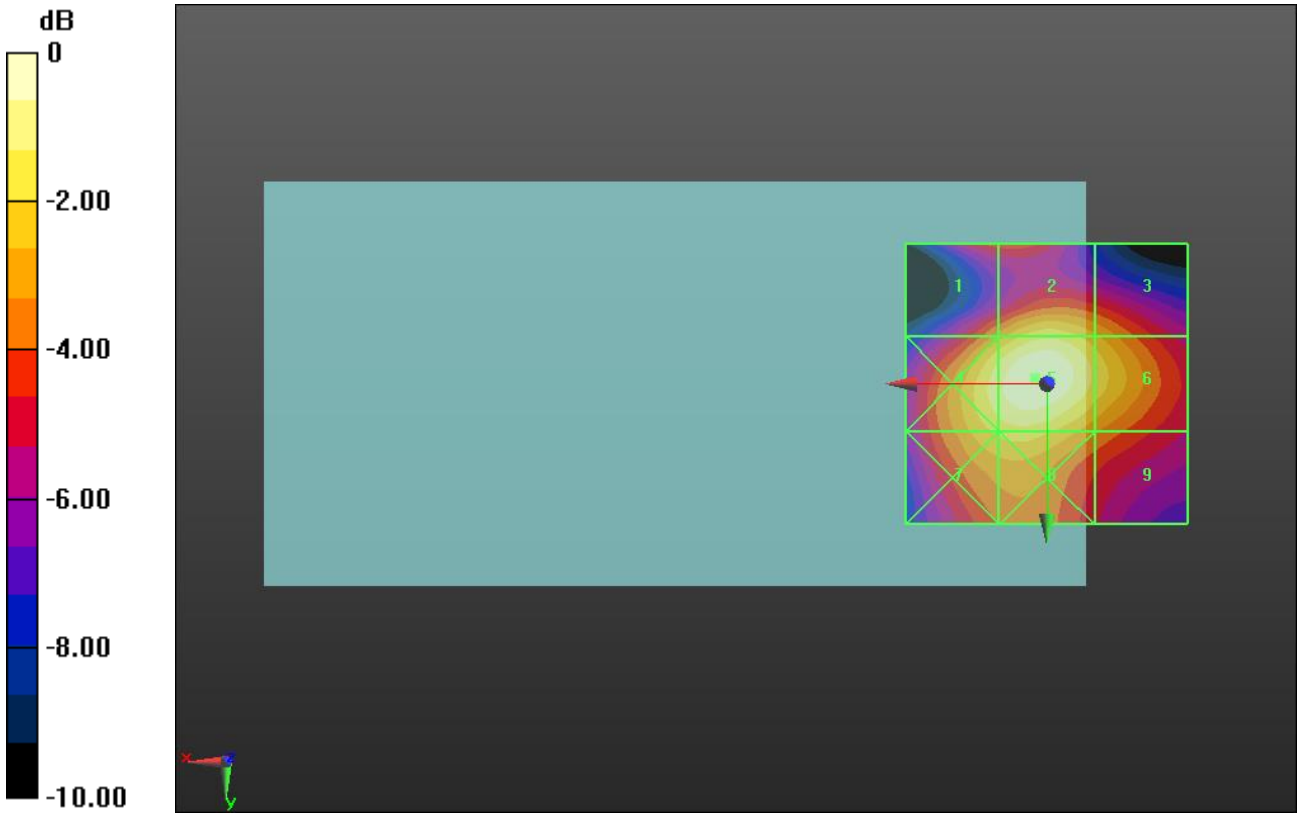
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 55.95 V/m; Power Drift = 0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 29.29 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.31 dBV/m**	Grid 2 **M4** **27.82 dBV/m**	Grid 3 **M4** **26.78 dBV/m**
Grid 4 **M4** **28.47 dBV/m**	Grid 5 **M4** **29.29 dBV/m**	Grid 6 **M4** **27.83 dBV/m**
Grid 7 **M4** **27.47 dBV/m**	Grid 8 **M4** **27.68 dBV/m**	Grid 9 **M4** **26.06 dBV/m**



0 dB = 29.13 V/m = 29.29 dBV/m

HAC-RF Emission

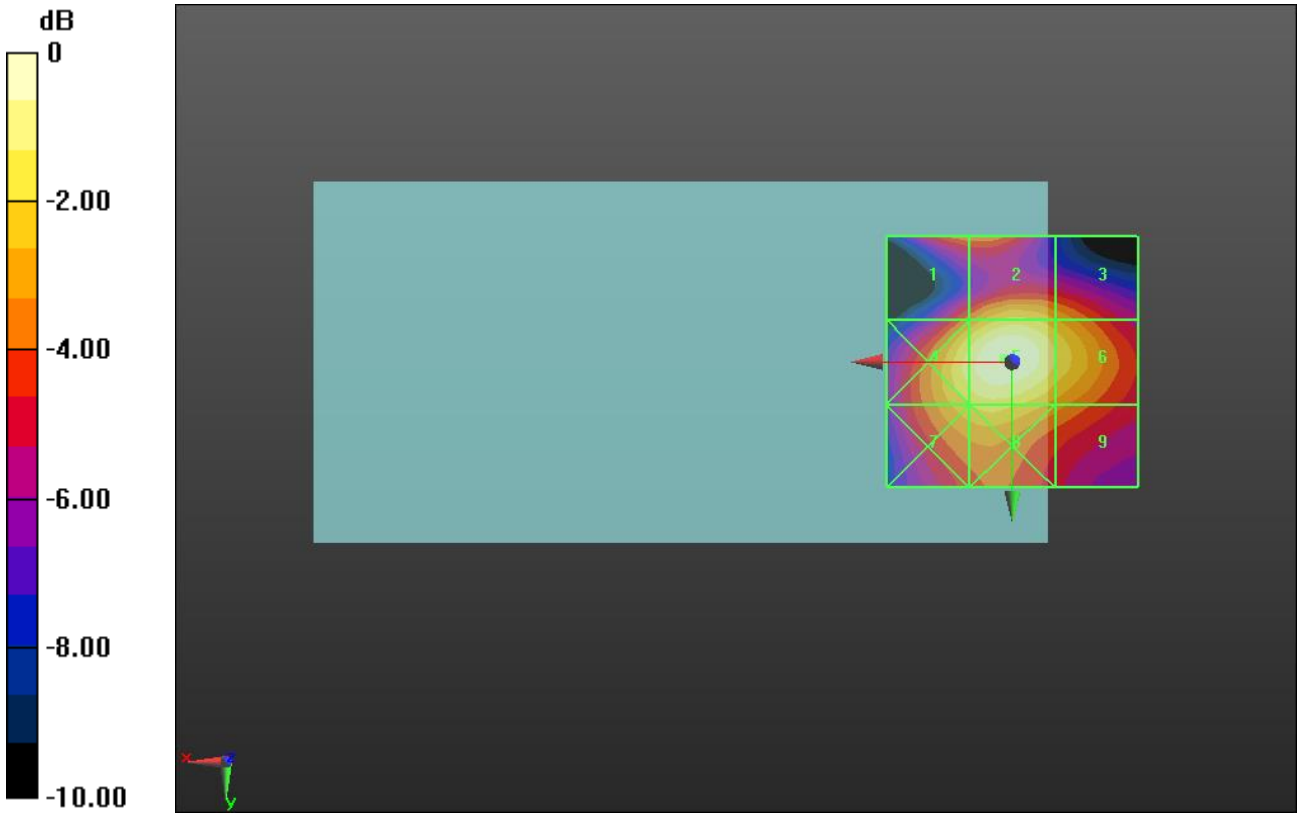
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 57.67 V/m; Power Drift = 0.06 dB
Applied MIF = -1.44 dB
RF audio interference level = 29.30 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.96 dBV/m**	Grid 2 **M4** **27.54 dBV/m**	Grid 3 **M4** **26.7 dBV/m**
Grid 4 **M4** **28.36 dBV/m**	Grid 5 **M4** **29.3 dBV/m**	Grid 6 **M4** **27.98 dBV/m**
Grid 7 **M4** **27.28 dBV/m**	Grid 8 **M4** **27.65 dBV/m**	Grid 9 **M4** **26.33 dBV/m**



0 dB = 29.16 V/m = 29.30 dBV/m

HAC-RF Emission

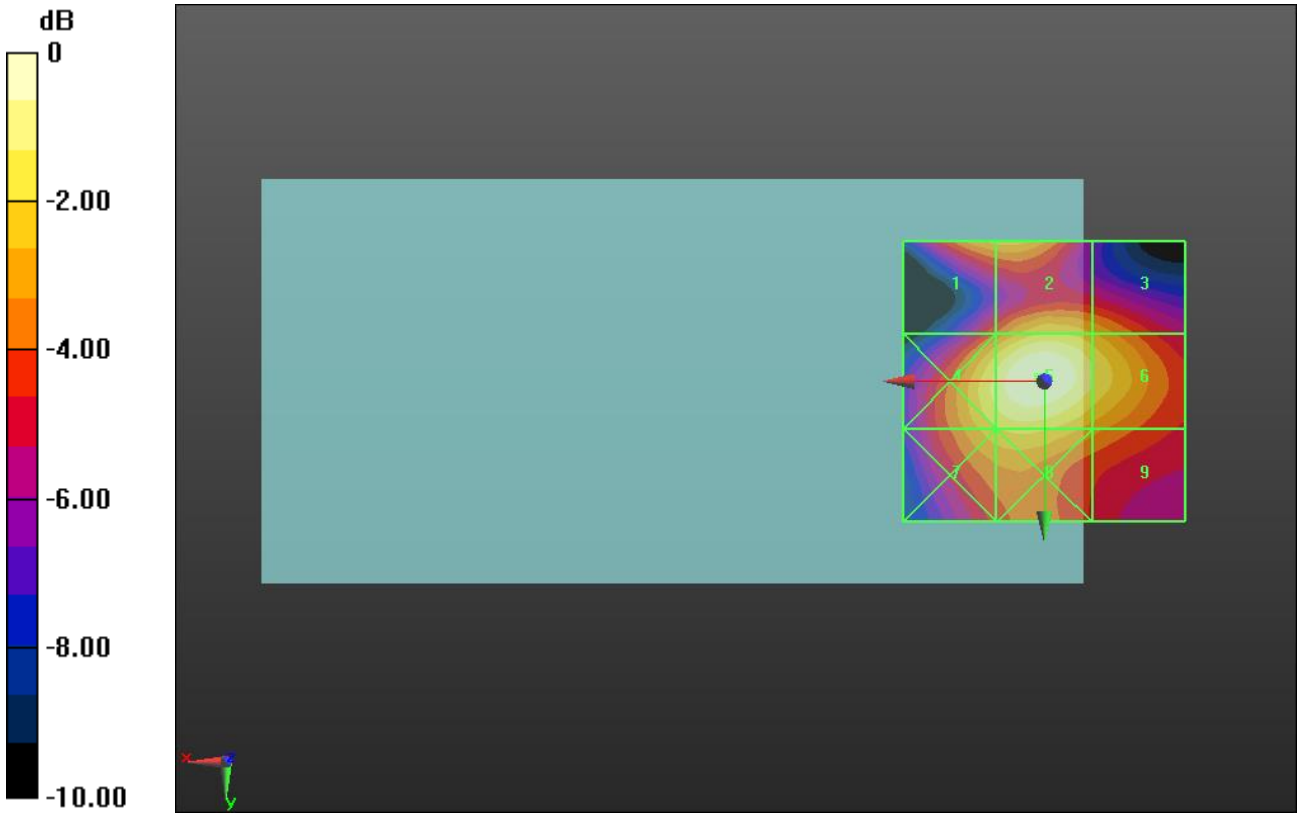
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 58.77 V/m; Power Drift = -0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 29.18 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.87 dBV/m**	Grid 2 **M4** **27.3 dBV/m**	Grid 3 **M4** **26.59 dBV/m**
Grid 4 **M4** **28.17 dBV/m**	Grid 5 **M4** **29.18 dBV/m**	Grid 6 **M4** **27.91 dBV/m**
Grid 7 **M4** **27.09 dBV/m**	Grid 8 **M4** **27.43 dBV/m**	Grid 9 **M4** **26.16 dBV/m**



0 dB = 28.78 V/m = 29.18 dBV/m

HAC-RF Emission

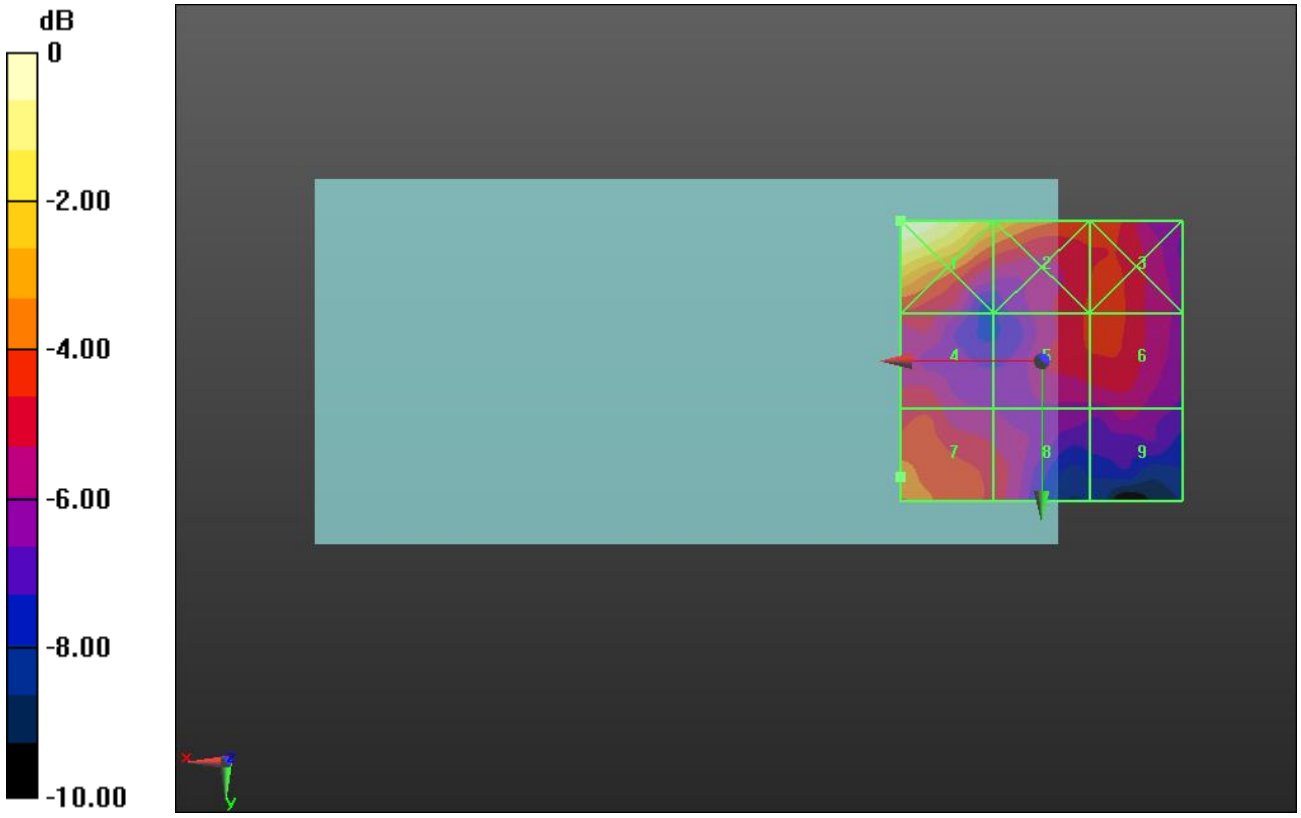
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 6.765 V/m; Power Drift = -0.23 dB
Applied MIF = -1.44 dB
RF audio interference level = 15.13 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.86 dBV/m**	Grid 2 **M4** **16.38 dBV/m**	Grid 3 **M4** **14.96 dBV/m**
Grid 4 **M4** **14.08 dBV/m**	Grid 5 **M4** **14.43 dBV/m**	Grid 6 **M4** **14.58 dBV/m**
Grid 7 **M4** **15.13 dBV/m**	Grid 8 **M4** **13.99 dBV/m**	Grid 9 **M4** **13.17 dBV/m**



0 dB = 8.775 V/m = 18.86 dBV/m

HAC-RF Emission

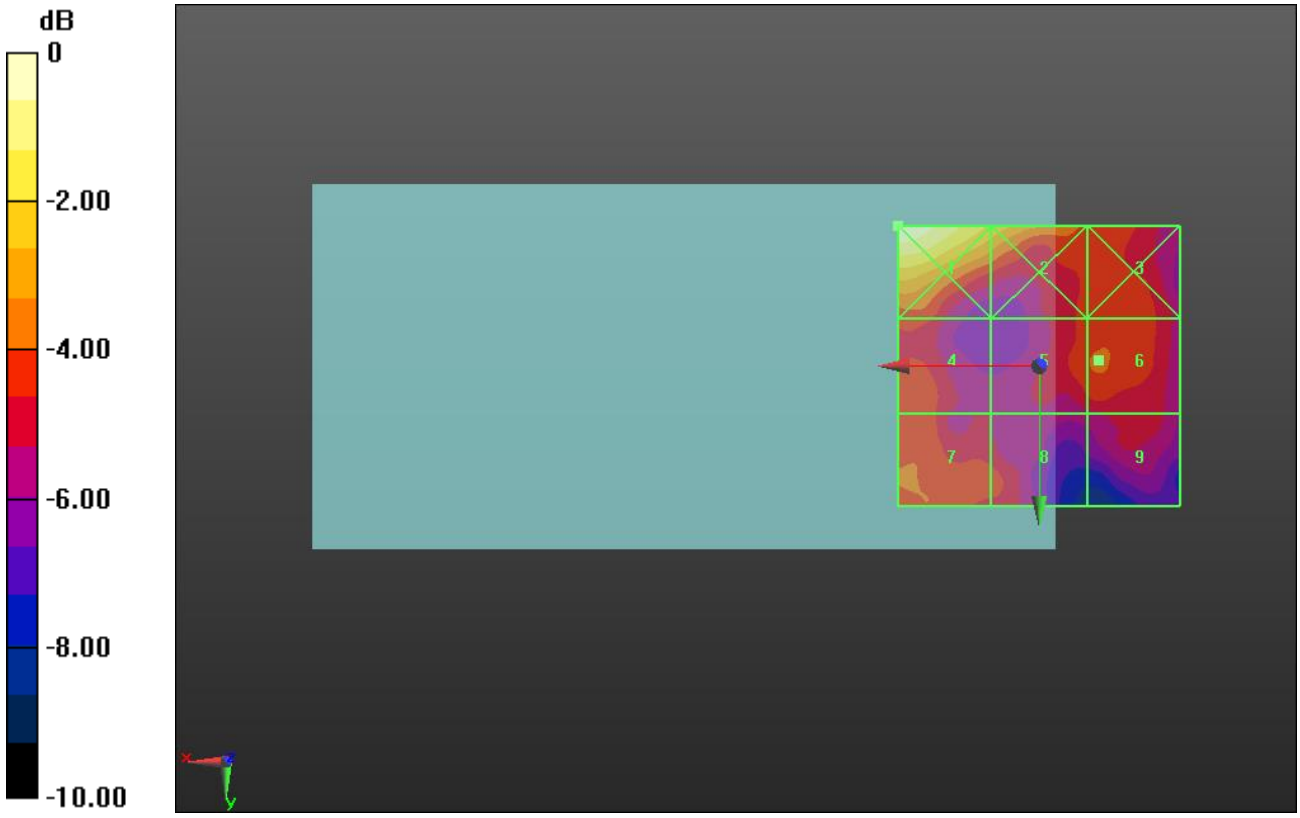
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 6.044 V/m; Power Drift = -0.06 dB
Applied MIF = -1.44 dB
RF audio interference level = 14.13 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.99 dBV/m**	Grid 2 **M4** **15.92 dBV/m**	Grid 3 **M4** **13.88 dBV/m**
Grid 4 **M4** **13.8 dBV/m**	Grid 5 **M4** **13.94 dBV/m**	Grid 6 **M4** **14.13 dBV/m**
Grid 7 **M4** **14.09 dBV/m**	Grid 8 **M4** **13.63 dBV/m**	Grid 9 **M4** **13.16 dBV/m**



0 dB = 7.937 V/m = 17.99 dBV/m

HAC-RF Emission

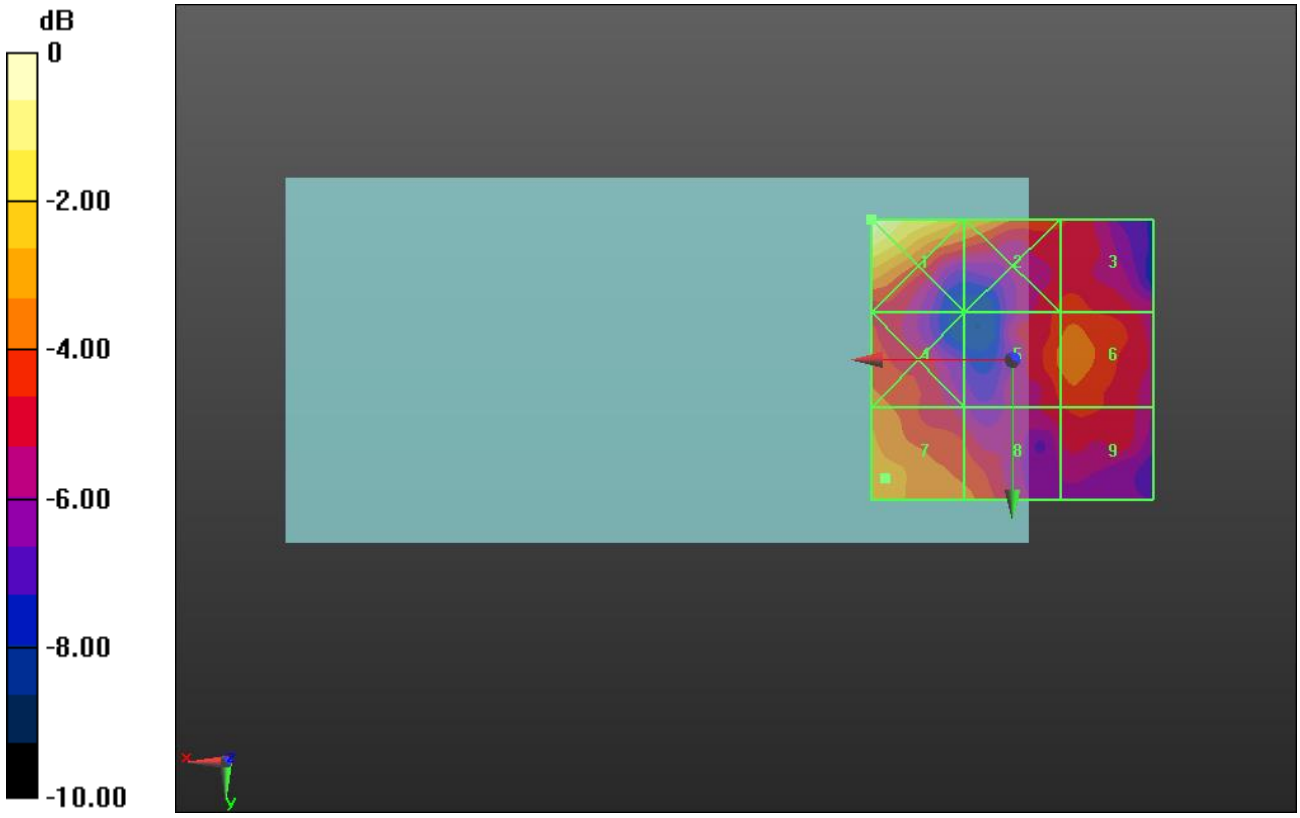
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 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 = 6.177 V/m; Power Drift = -0.44 dB
Applied MIF = -1.44 dB
RF audio interference level = 14.70 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.85 dBV/m**	Grid 2 **M4** **15.25 dBV/m**	Grid 3 **M4** **13.61 dBV/m**
Grid 4 **M4** **14.3 dBV/m**	Grid 5 **M4** **14.08 dBV/m**	Grid 6 **M4** **14.37 dBV/m**
Grid 7 **M4** **14.7 dBV/m**	Grid 8 **M4** **14.2 dBV/m**	Grid 9 **M4** **13.37 dBV/m**



0 dB = 7.810 V/m = 17.85 dBV/m

HAC-RF Emission

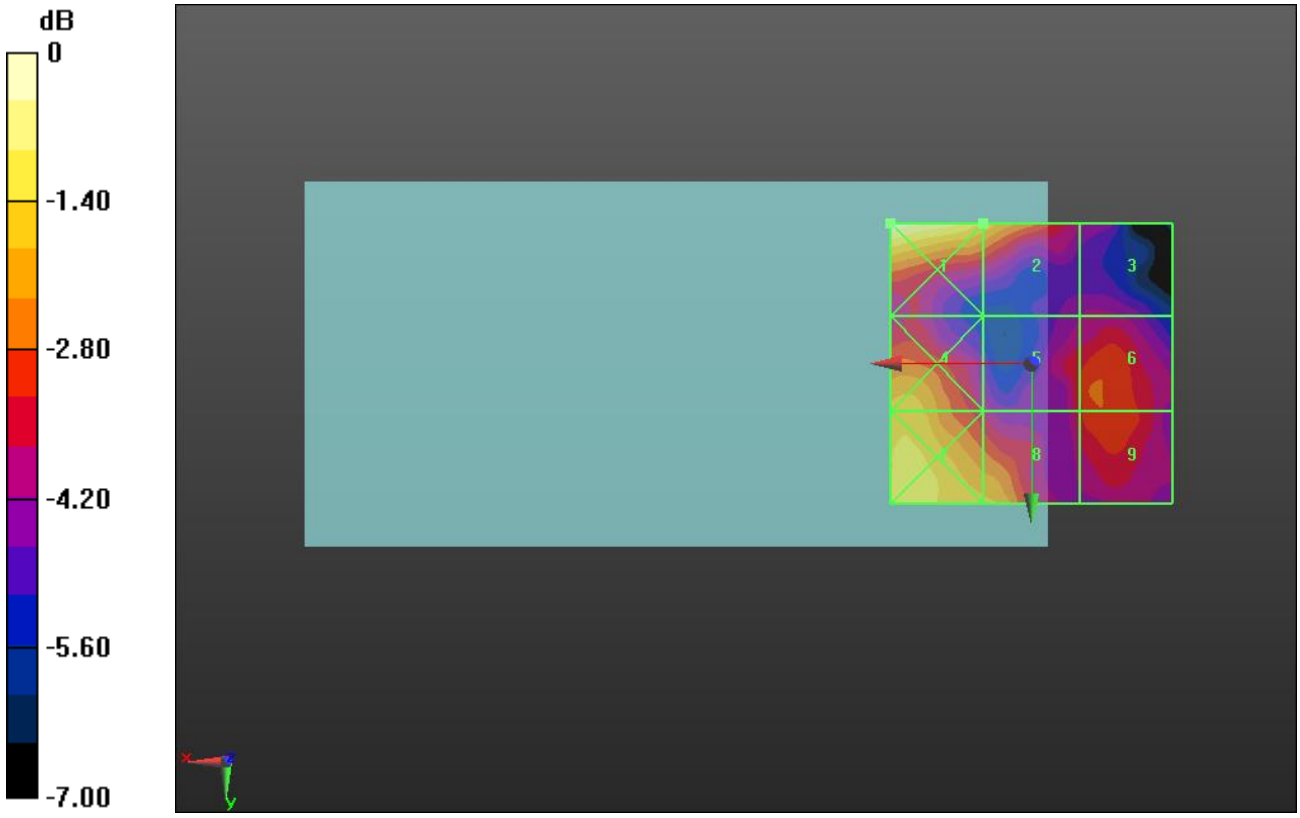
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; 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 = 5.392 V/m; Power Drift = -0.37 dB
Applied MIF = -1.44 dB
RF audio interference level = 15.28 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.71 dBV/m**	Grid 2 **M4** **15.28 dBV/m**	Grid 3 **M4** **12.75 dBV/m**
Grid 4 **M4** **15.11 dBV/m**	Grid 5 **M4** **13.51 dBV/m**	Grid 6 **M4** **14.01 dBV/m**
Grid 7 **M4** **15.69 dBV/m**	Grid 8 **M4** **14.97 dBV/m**	Grid 9 **M4** **13.9 dBV/m**



0 dB = 6.846 V/m = 16.71 dBV/m