HAC-RF Emission ANT 1

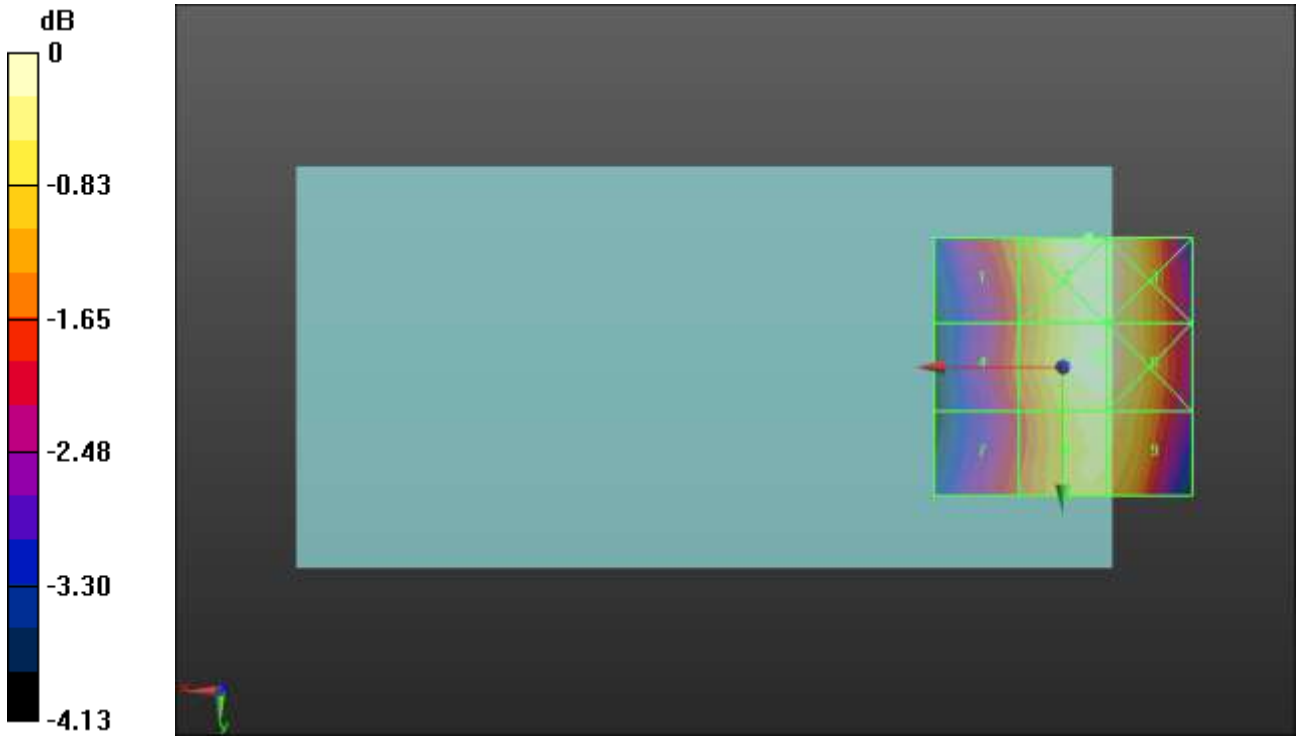
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 25.49 V/m; Power Drift = 0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.84 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.73 dBV/m**	Grid 2 **M4** **29.95 dBV/m**	Grid 3 **M4** **29.92 dBV/m**
Grid 4 **M4** **28.48 dBV/m**	Grid 5 **M4** **29.84 dBV/m**	Grid 6 **M4** **29.84 dBV/m**
Grid 7 **M4** **28.34 dBV/m**	Grid 8 **M4** **29.6 dBV/m**	Grid 9 **M4** **29.59 dBV/m**



0 dB = 31.43 V/m = 29.95 dBV/m

HAC-RF Emission ANT 1

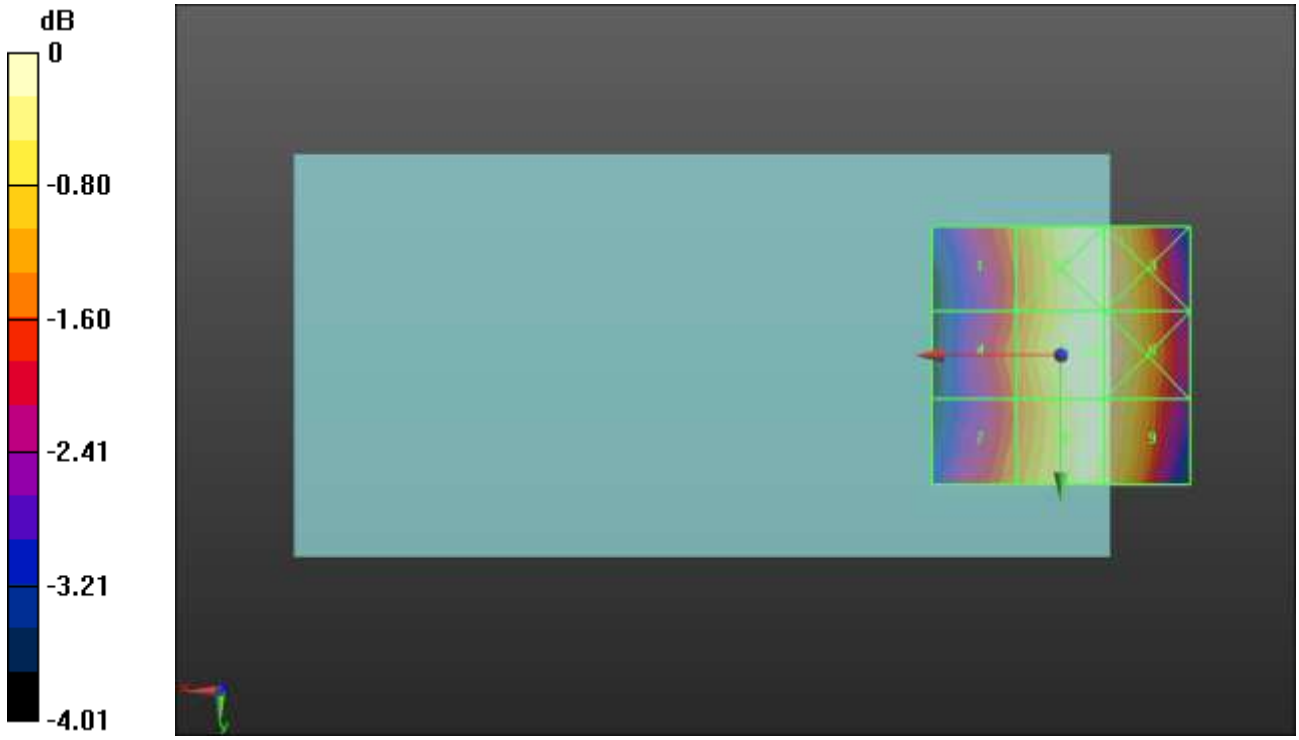
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 26.45 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.93 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.59 dBV/m**	Grid 2 **M4** **29.81 dBV/m**	Grid 3 **M4** **29.8 dBV/m**
Grid 4 **M4** **28.67 dBV/m**	Grid 5 **M4** **29.93 dBV/m**	Grid 6 **M4** **29.9 dBV/m**
Grid 7 **M4** **28.73 dBV/m**	Grid 8 **M4** **29.77 dBV/m**	Grid 9 **M4** **29.74 dBV/m**



0 dB = 31.38 V/m = 29.93 dBV/m

HAC-RF Emission ANT 1

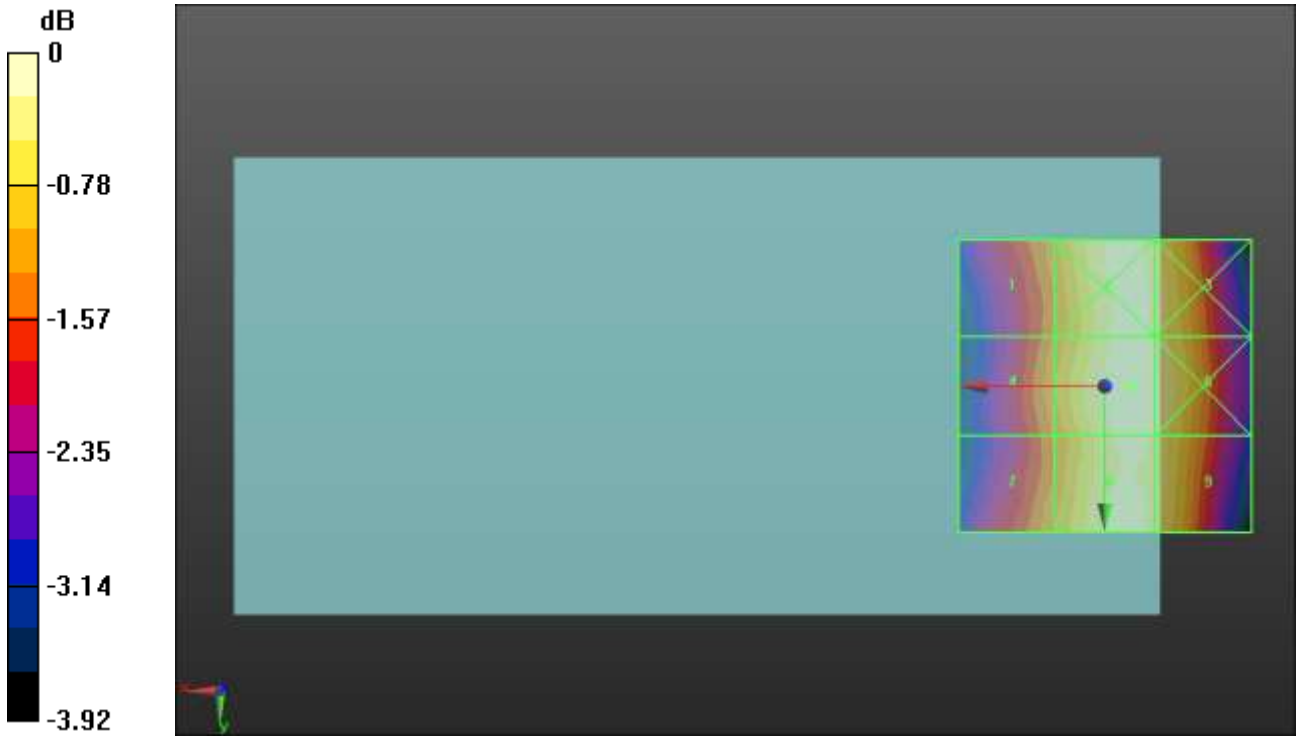
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 26.51 V/m; Power Drift = -0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.88 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.79 dBV/m**	Grid 2 **M4** **29.76 dBV/m**	Grid 3 **M4** **29.57 dBV/m**
Grid 4 **M4** **28.86 dBV/m**	Grid 5 **M4** **29.88 dBV/m**	Grid 6 **M4** **29.7 dBV/m**
Grid 7 **M4** **28.88 dBV/m**	Grid 8 **M4** **29.73 dBV/m**	Grid 9 **M4** **29.57 dBV/m**



0 dB = 31.20 V/m = 29.88 dBV/m

HAC-RF Emission ANT 1

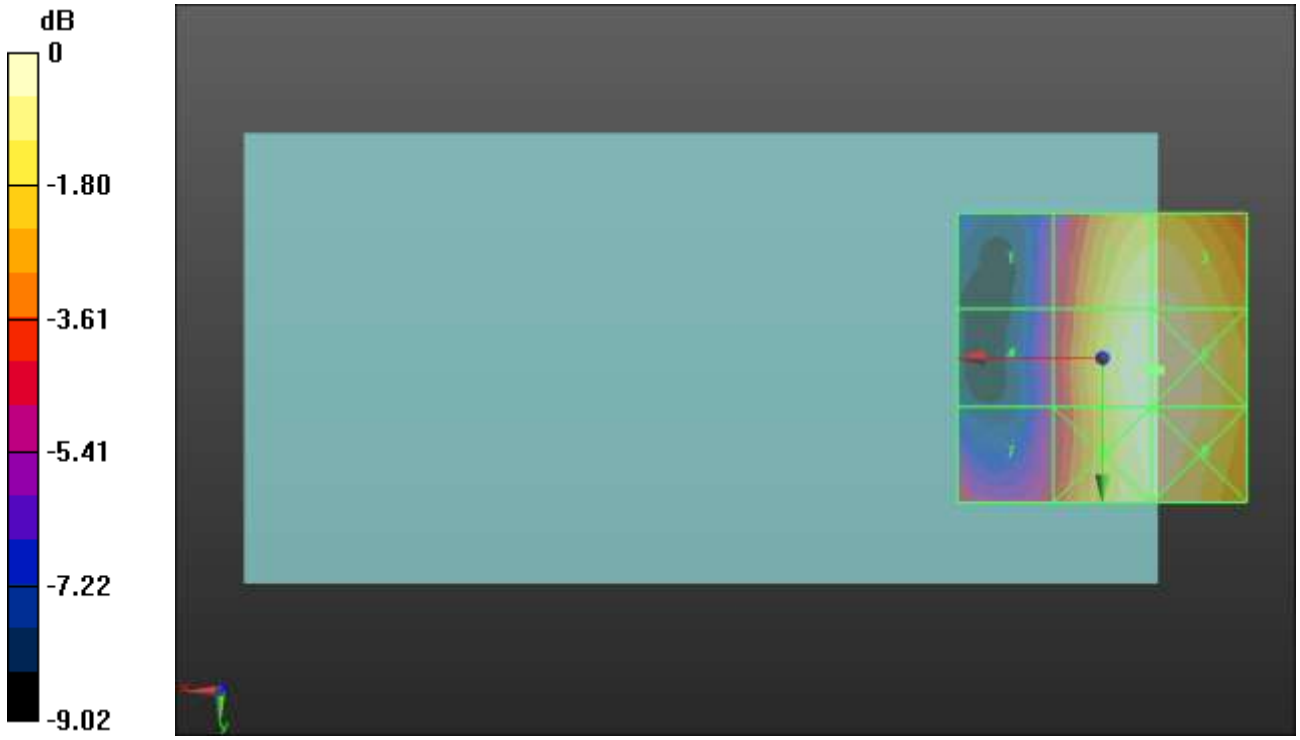
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

GSM1900 E-Field measurement/Voice_ch 512/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 18.66 V/m; Power Drift = 0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 27.83 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.84 dBV/m**	Grid 2 **M4** **27.47 dBV/m**	Grid 3 **M4** **27.49 dBV/m**
Grid 4 **M4** **23.02 dBV/m**	Grid 5 **M4** **27.83 dBV/m**	Grid 6 **M4** **27.85 dBV/m**
Grid 7 **M4** **23.84 dBV/m**	Grid 8 **M4** **27.66 dBV/m**	Grid 9 **M4** **27.7 dBV/m**



0 dB = 24.69 V/m = 27.85 dBV/m

HAC-RF Emission ANT 1

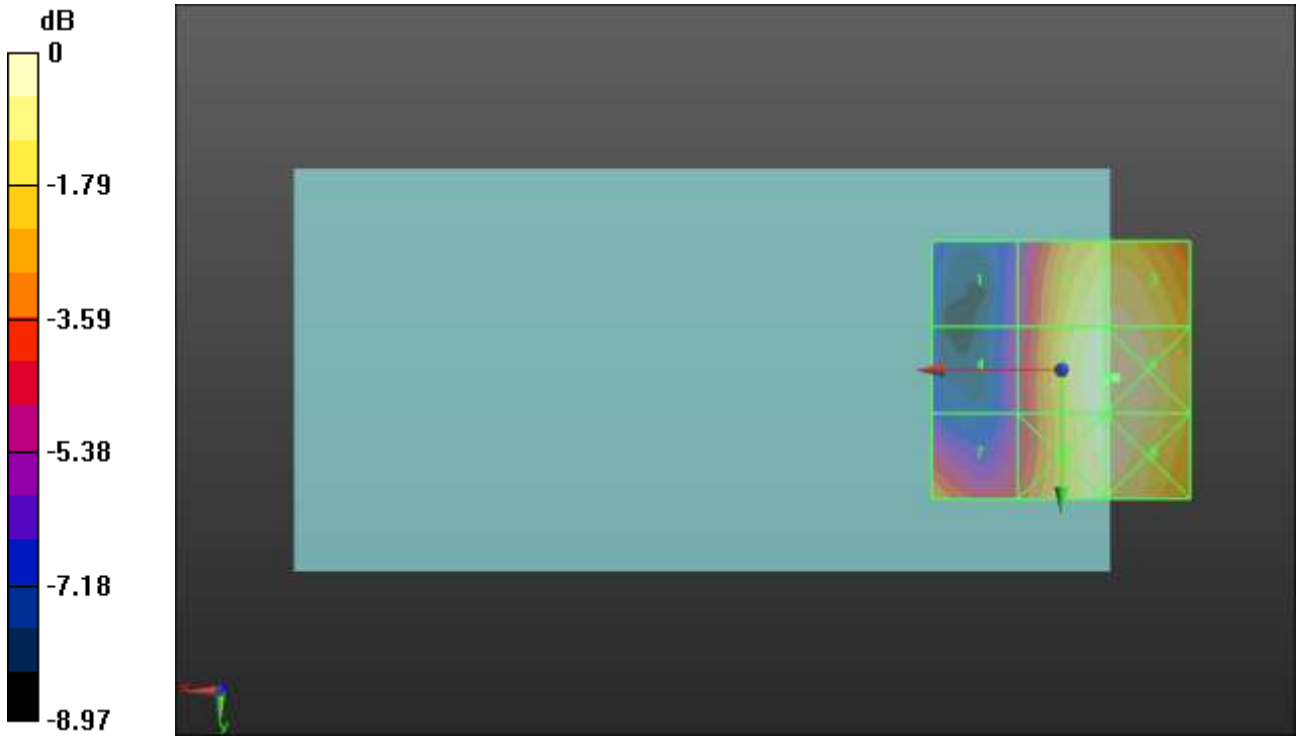
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 18.19 V/m; Power Drift = 0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 27.81 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.49 dBV/m**	Grid 2 **M4** **27.41 dBV/m**	Grid 3 **M4** **27.48 dBV/m**
Grid 4 **M4** **22.88 dBV/m**	Grid 5 **M4** **27.81 dBV/m**	Grid 6 **M4** **27.87 dBV/m**
Grid 7 **M4** **25.15 dBV/m**	Grid 8 **M4** **27.67 dBV/m**	Grid 9 **M4** **27.76 dBV/m**



0 dB = 24.74 V/m = 27.87 dBV/m

HAC-RF Emission ANT 1

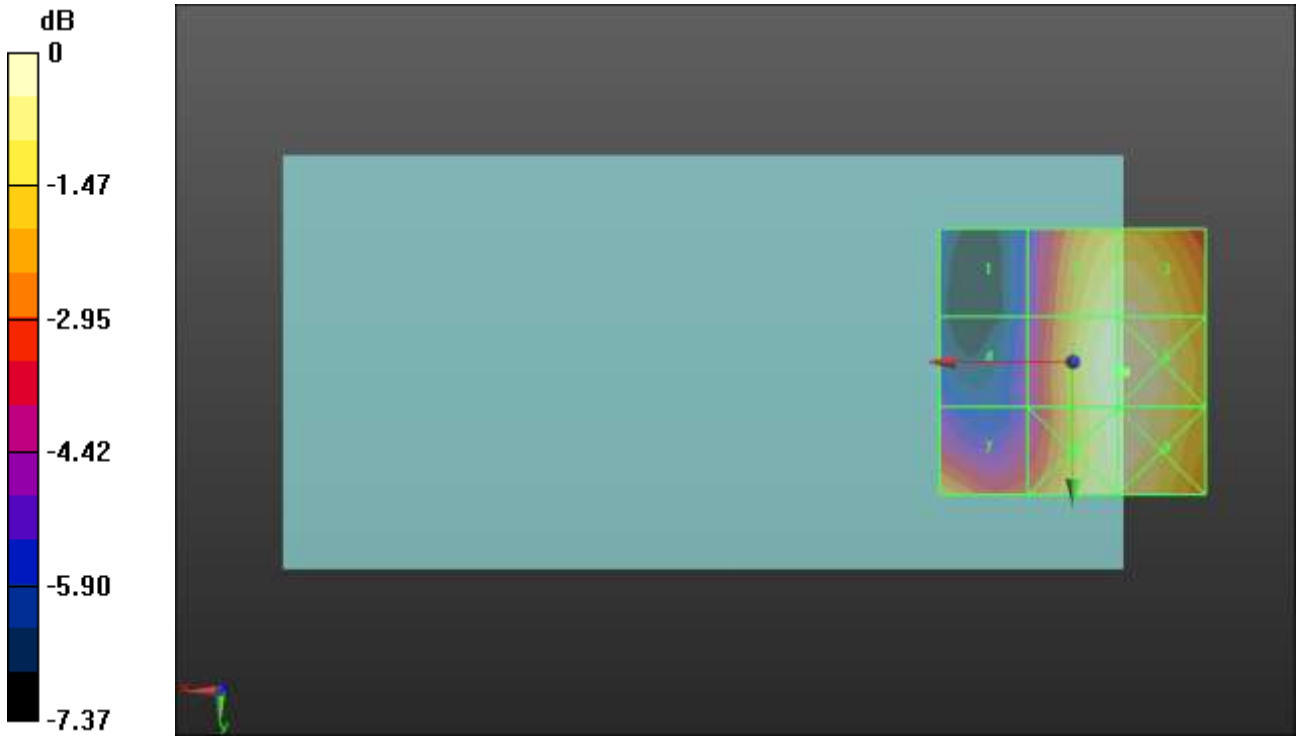
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 17.21 V/m; Power Drift = -0.06 dB
Applied MIF = 3.63 dB
RF audio interference level = 27.36 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.5 dBV/m**	Grid 2 **M4** **27 dBV/m**	Grid 3 **M4** **27.04 dBV/m**
Grid 4 **M4** **23.01 dBV/m**	Grid 5 **M4** **27.36 dBV/m**	Grid 6 **M4** **27.38 dBV/m**
Grid 7 **M4** **25.52 dBV/m**	Grid 8 **M4** **27.19 dBV/m**	Grid 9 **M4** **27.24 dBV/m**



0 dB = 23.40 V/m = 27.38 dBV/m

HAC-RF Emission ANT 1

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA BC0 E-Field measurement/RC1_SO3_Ch 1013/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 19.42 V/m; Power Drift = -0.06 dB
Applied MIF = 3.26 dB
RF audio interference level = 27.85 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.77 dBV/m**	Grid 2 **M4** **27.45 dBV/m**	Grid 3 **M4** **27.23 dBV/m**
Grid 4 **M4** **26.49 dBV/m**	Grid 5 **M4** **27.85 dBV/m**	Grid 6 **M4** **27.23 dBV/m**
Grid 7 **M4** **26.25 dBV/m**	Grid 8 **M4** **28.06 dBV/m**	Grid 9 **M4** **27.02 dBV/m**

0 dB = 25.31 V/m = 28.07 dBV/m

HAC-RF Emission ANT 1

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 831.99 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA 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 = 18.91 V/m; Power Drift = -0.11 dB
Applied MIF = 3.26 dB
RF audio interference level = 27.17 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.08 dBV/m**	Grid 2 **M4** **27.13 dBV/m**	Grid 3 **M4** **27.07 dBV/m**
Grid 4 **M4** **26.08 dBV/m**	Grid 5 **M4** **27.17 dBV/m**	Grid 6 **M4** **27.09 dBV/m**
Grid 7 **M4** **25.84 dBV/m**	Grid 8 **M4** **26.94 dBV/m**	Grid 9 **M4** **26.87 dBV/m**

0 dB = 22.83 V/m = 27.17 dBV/m

HAC-RF Emission ANT 1

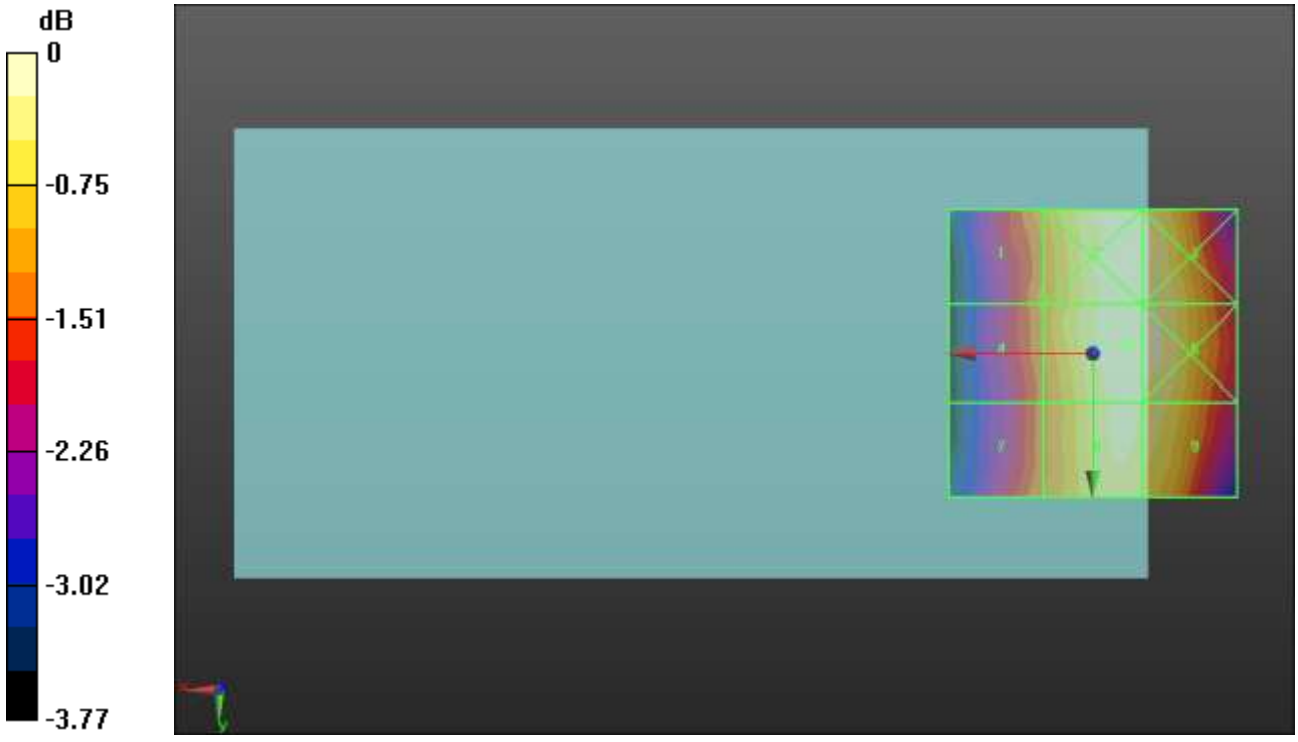
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA 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 = 17.75 V/m; Power Drift = -0.06 dB
Applied MIF = 3.26 dB
RF audio interference level = 26.81 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.82 dBV/m**	Grid 2 **M4** **26.72 dBV/m**	Grid 3 **M4** **26.67 dBV/m**
Grid 4 **M4** **25.66 dBV/m**	Grid 5 **M4** **26.81 dBV/m**	Grid 6 **M4** **26.77 dBV/m**
Grid 7 **M4** **25.63 dBV/m**	Grid 8 **M4** **26.64 dBV/m**	Grid 9 **M4** **26.57 dBV/m**



0 dB = 21.91 V/m = 26.81 dBV/m

HAC-RF Emission ANT 1

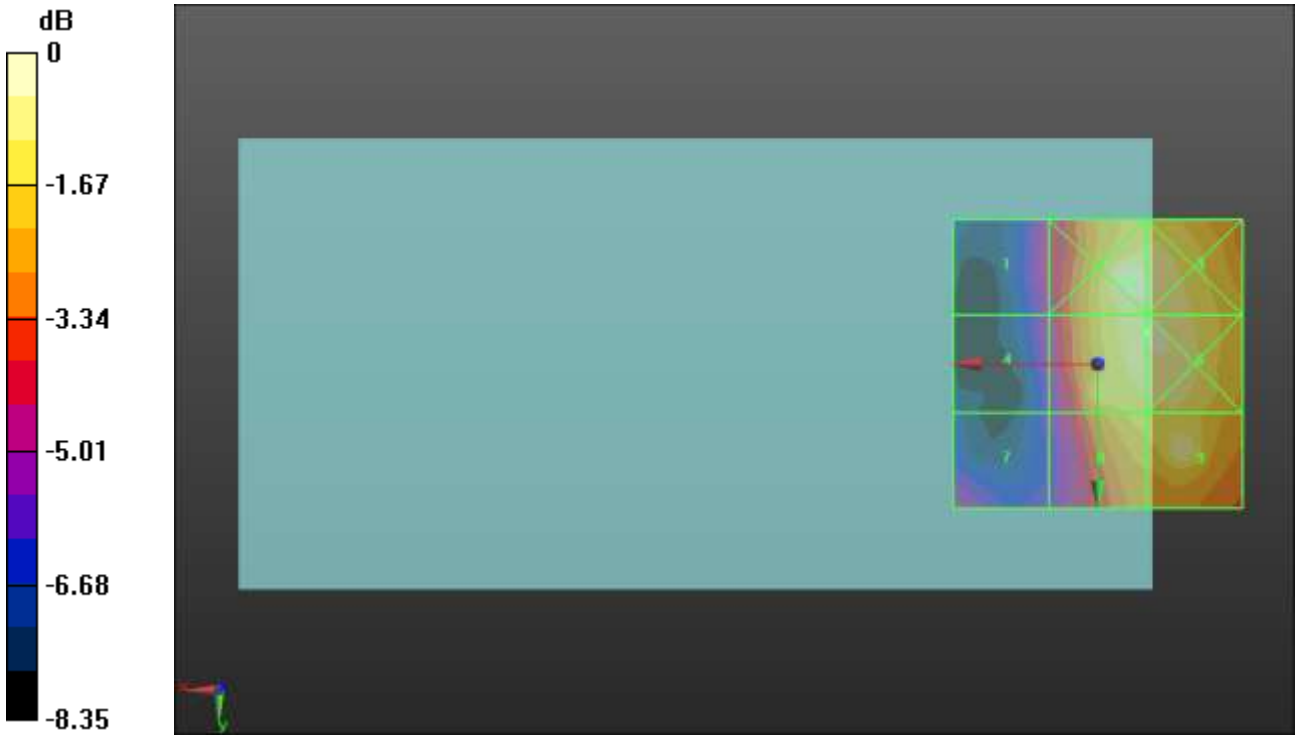
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA 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 = 12.07 V/m; Power Drift = -0.00 dB
Applied MIF = 3.26 dB
RF audio interference level = 24.67 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.7 dBV/m**	Grid 2 **M4** **25.2 dBV/m**	Grid 3 **M4** **24.71 dBV/m**
Grid 4 **M4** **20.36 dBV/m**	Grid 5 **M4** **24.67 dBV/m**	Grid 6 **M4** **24.73 dBV/m**
Grid 7 **M4** **20.73 dBV/m**	Grid 8 **M4** **23.85 dBV/m**	Grid 9 **M4** **24.63 dBV/m**



0 dB = 18.20 V/m = 25.20 dBV/m

HAC-RF Emission ANT 1

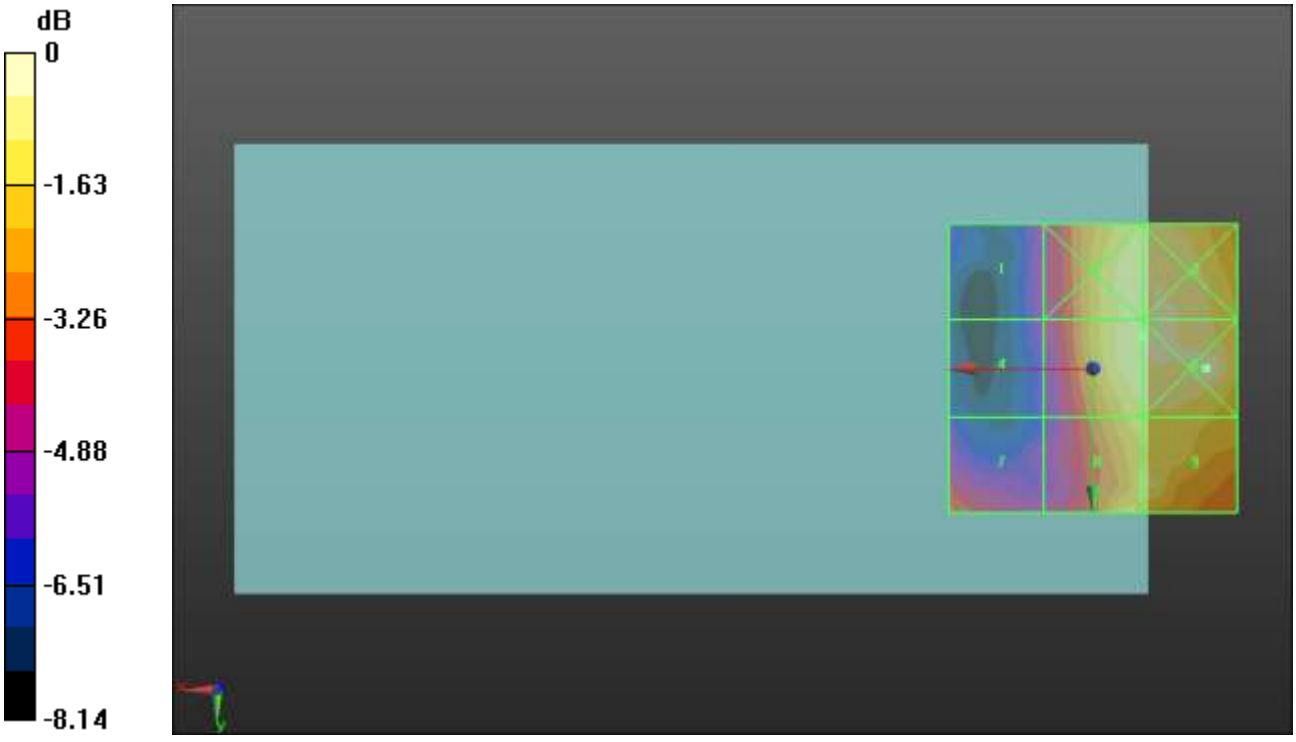
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA BC1 E-Field measurement/RC1_SO3_Ch 600/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 11.66 V/m; Power Drift = -0.08 dB
Applied MIF = 3.26 dB
RF audio interference level = 24.42 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.42 dBV/m**	Grid 2 **M4** **24.37 dBV/m**	Grid 3 **M4** **24.48 dBV/m**
Grid 4 **M4** **20.1 dBV/m**	Grid 5 **M4** **24.42 dBV/m**	Grid 6 **M4** **24.98 dBV/m**
Grid 7 **M4** **22 dBV/m**	Grid 8 **M4** **23.7 dBV/m**	Grid 9 **M4** **24.02 dBV/m**



0 dB = 17.73 V/m = 24.97 dBV/m

HAC-RF Emission ANT 1

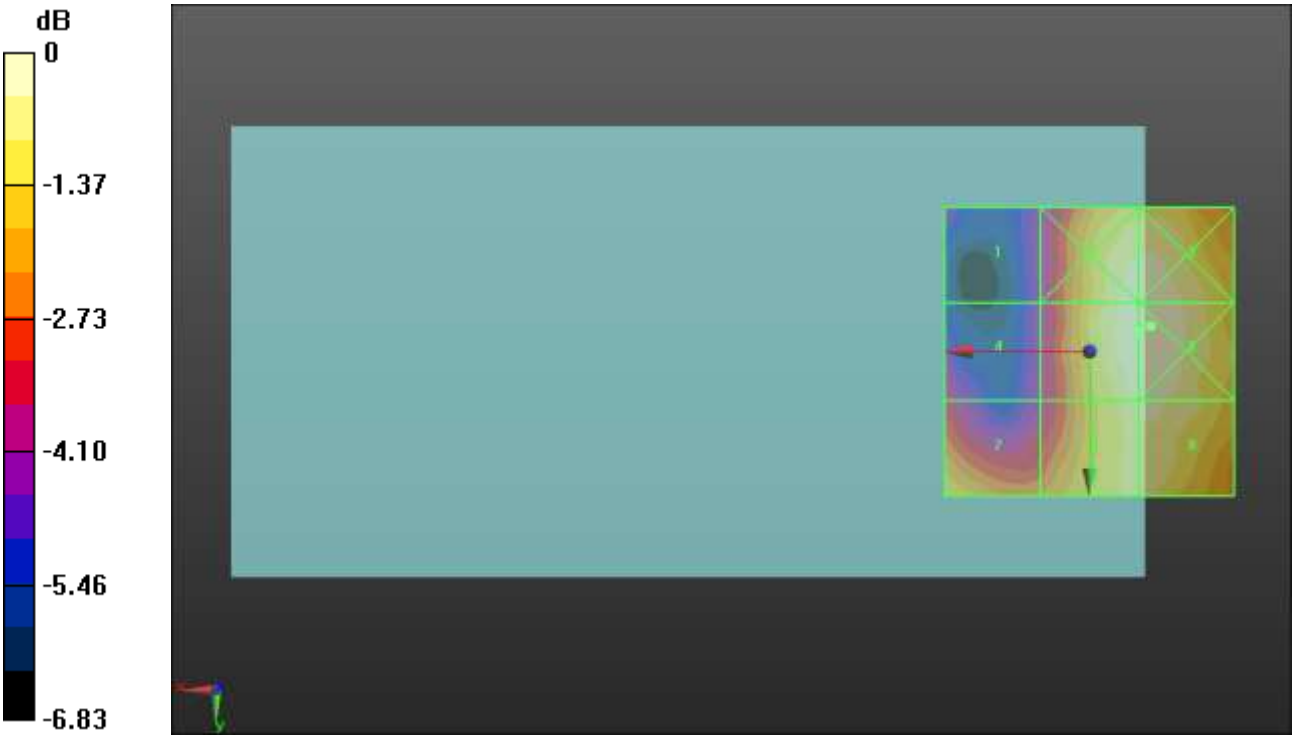
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA 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 = 10.89 V/m; Power Drift = -0.07 dB
Applied MIF = 3.26 dB
RF audio interference level = 23.44 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.45 dBV/m**	Grid 2 **M4** **23.41 dBV/m**	Grid 3 **M4** **23.46 dBV/m**
Grid 4 **M4** **20.04 dBV/m**	Grid 5 **M4** **23.44 dBV/m**	Grid 6 **M4** **23.49 dBV/m**
Grid 7 **M4** **22.23 dBV/m**	Grid 8 **M4** **23.14 dBV/m**	Grid 9 **M4** **23.24 dBV/m**



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

HAC-RF Emission ANT 1

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.3 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA BC10 E-Field measurement/RC1_SO3_ch 450/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 17.80 V/m; Power Drift = 0.04 dB
Applied MIF = 3.26 dB
RF audio interference level = 27.71 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.21 dBV/m**	Grid 2 **M4** **26.95 dBV/m**	Grid 3 **M4** **26.58 dBV/m**
Grid 4 **M4** **25.97 dBV/m**	Grid 5 **M4** **27.71 dBV/m**	Grid 6 **M4** **26.64 dBV/m**
Grid 7 **M4** **25.74 dBV/m**	Grid 8 **M4** **26.6 dBV/m**	Grid 9 **M4** **26.48 dBV/m**

0 dB = 24.28 V/m = 27.70 dBV/m

HAC-RF Emission ANT 1

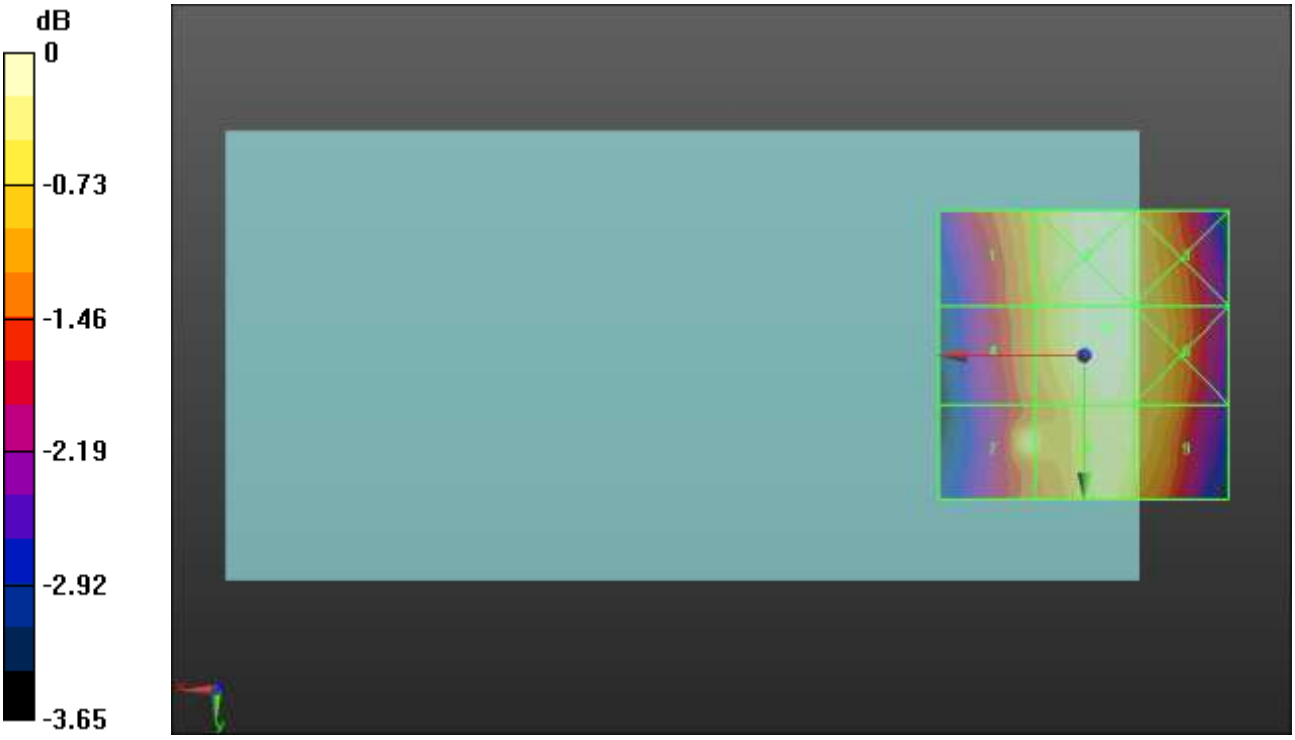
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA 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 = 18.38 V/m; Power Drift = 0.04 dB
Applied MIF = 3.26 dB
RF audio interference level = 27.01 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.28 dBV/m**	Grid 2 **M4** **26.99 dBV/m**	Grid 3 **M4** **26.74 dBV/m**
Grid 4 **M4** **26.08 dBV/m**	Grid 5 **M4** **27.01 dBV/m**	Grid 6 **M4** **26.74 dBV/m**
Grid 7 **M4** **26.74 dBV/m**	Grid 8 **M4** **26.75 dBV/m**	Grid 9 **M4** **26.56 dBV/m**



0 dB = 22.41 V/m = 27.01 dBV/m

HAC-RF Emission ANT 1

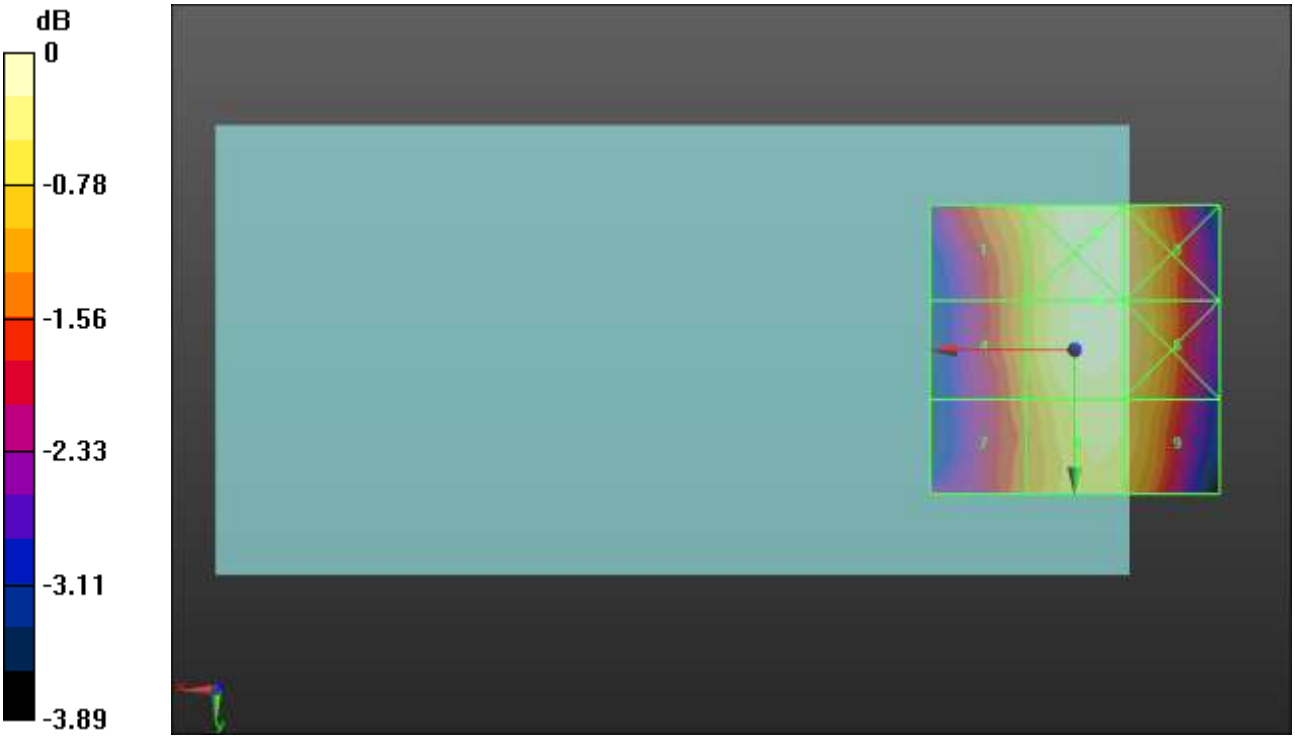
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 822.75 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA BC10 E-Field measurement/RC1_SO3_ch 670/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 19.06 V/m; Power Drift = -0.05 dB
Applied MIF = 3.26 dB
RF audio interference level = 27.32 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.73 dBV/m**	Grid 2 **M4** **27.4 dBV/m**	Grid 3 **M4** **27.2 dBV/m**
Grid 4 **M4** **26.43 dBV/m**	Grid 5 **M4** **27.32 dBV/m**	Grid 6 **M4** **27.19 dBV/m**
Grid 7 **M4** **26.2 dBV/m**	Grid 8 **M4** **27.07 dBV/m**	Grid 9 **M4** **26.91 dBV/m**



0 dB = 23.43 V/m = 27.40 dBV/m

HAC-RF Emission ANT 1

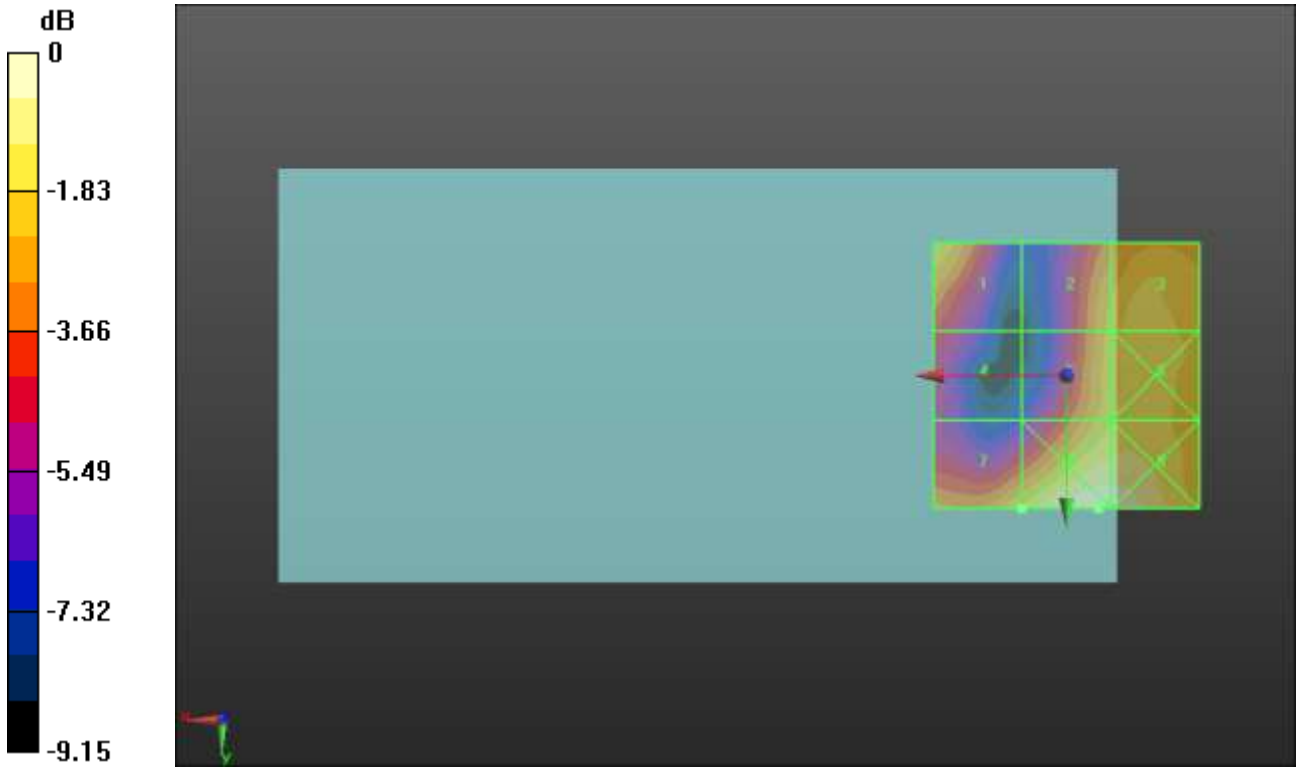
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 14.34 V/m; Power Drift = -0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 21.07 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.05 dBV/m**	Grid 2 **M4** **20.51 dBV/m**	Grid 3 **M4** **21.07 dBV/m**
Grid 4 **M4** **18.43 dBV/m**	Grid 5 **M4** **20.81 dBV/m**	Grid 6 **M4** **21.31 dBV/m**
Grid 7 **M4** **21.07 dBV/m**	Grid 8 **M4** **22.68 dBV/m**	Grid 9 **M4** **22.63 dBV/m**



0 dB = 13.61 V/m = 22.68 dBV/m

HAC-RF Emission ANT 1

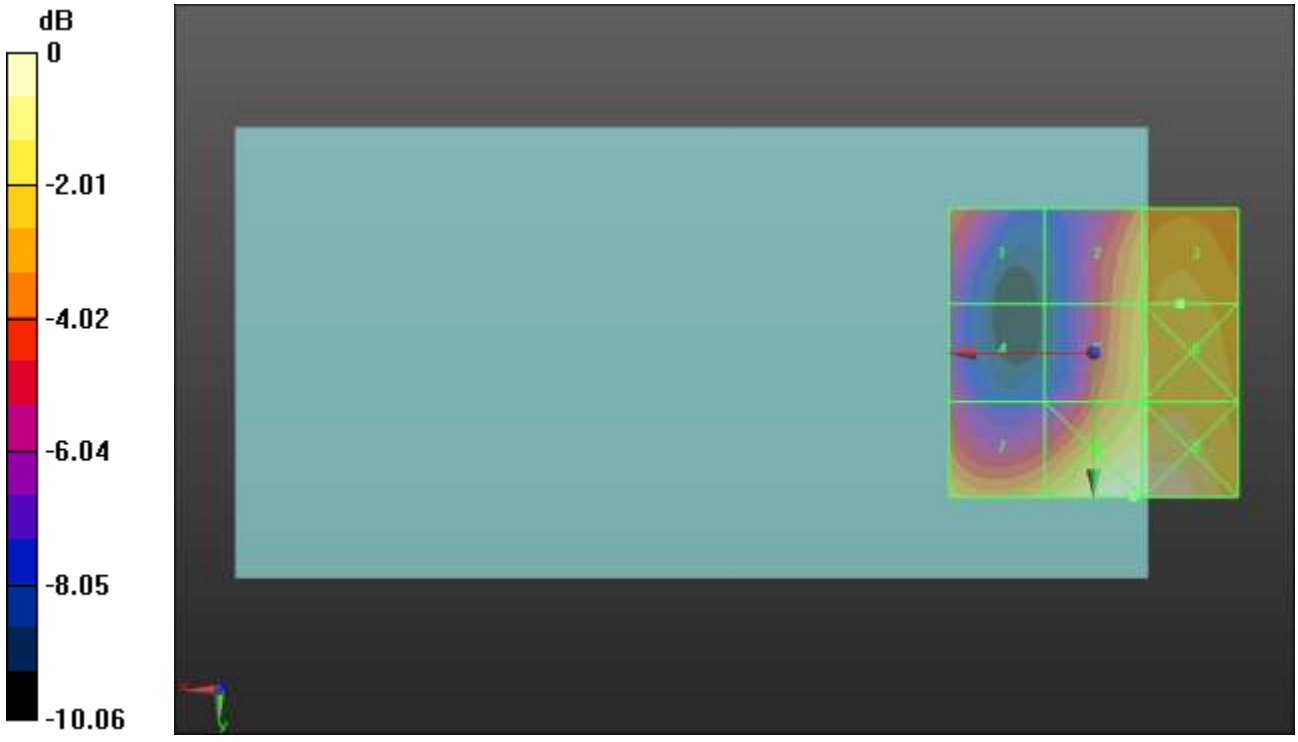
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_ch 40185/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 10.02 V/m; Power Drift = -0.11 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.66 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.63 dBV/m**	Grid 2 **M4** **20.05 dBV/m**	Grid 3 **M4** **20.66 dBV/m**
Grid 4 **M4** **17.13 dBV/m**	Grid 5 **M4** **20.51 dBV/m**	Grid 6 **M4** **20.98 dBV/m**
Grid 7 **M4** **20.41 dBV/m**	Grid 8 **M4** **22.39 dBV/m**	Grid 9 **M4** **22.37 dBV/m**



0 dB = 13.16 V/m = 22.39 dBV/m

HAC-RF Emission ANT 1

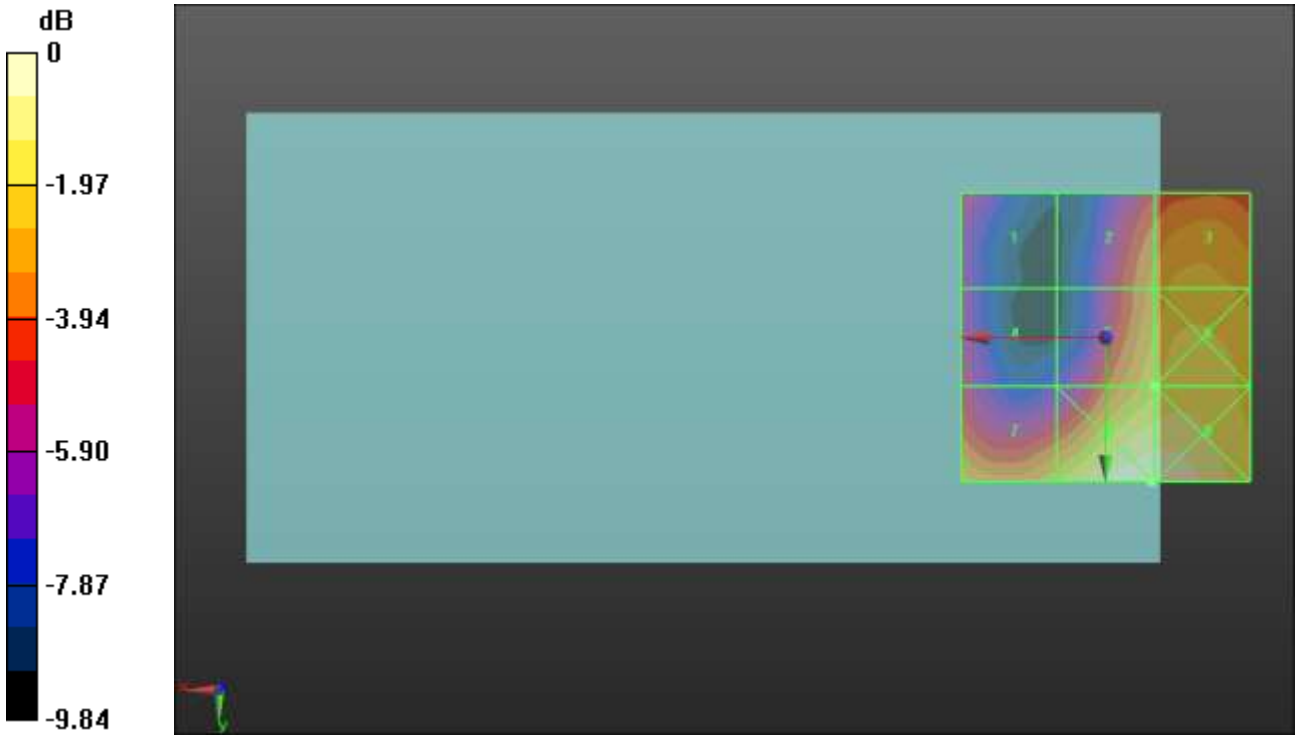
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 8.985 V/m; Power Drift = -0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.23 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.97 dBV/m**	Grid 2 **M4** **19.24 dBV/m**	Grid 3 **M4** **19.93 dBV/m**
Grid 4 **M4** **17.34 dBV/m**	Grid 5 **M4** **20.23 dBV/m**	Grid 6 **M4** **20.71 dBV/m**
Grid 7 **M4** **20.21 dBV/m**	Grid 8 **M4** **22.24 dBV/m**	Grid 9 **M4** **22.24 dBV/m**



0 dB = 12.94 V/m = 22.24 dBV/m

HAC-RF Emission ANT 1

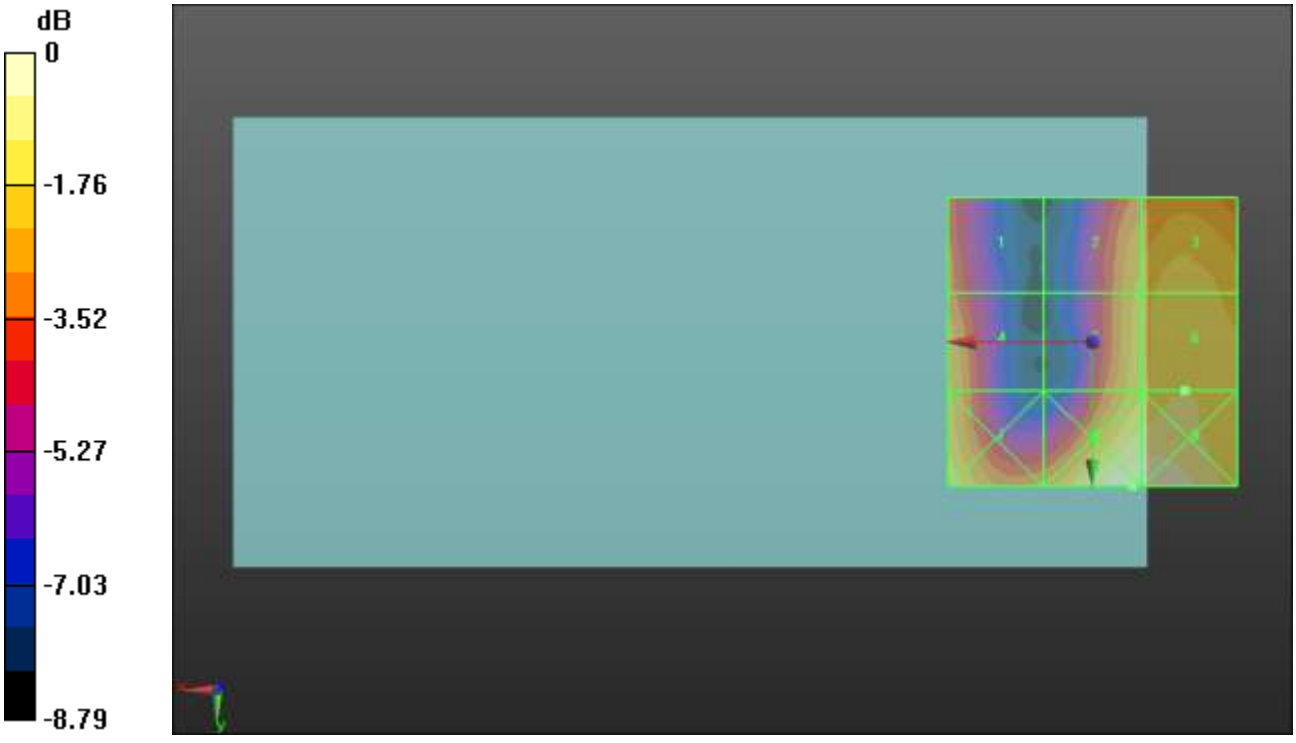
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 8.958 V/m; Power Drift = 0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.88 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.03 dBV/m**	Grid 2 **M4** **19.93 dBV/m**	Grid 3 **M4** **20.62 dBV/m**
Grid 4 **M4** **19.82 dBV/m**	Grid 5 **M4** **20.24 dBV/m**	Grid 6 **M4** **20.88 dBV/m**
Grid 7 **M4** **20.9 dBV/m**	Grid 8 **M4** **22.04 dBV/m**	Grid 9 **M4** **22.02 dBV/m**



0 dB = 12.65 V/m = 22.04 dBV/m

HAC-RF Emission ANT 1

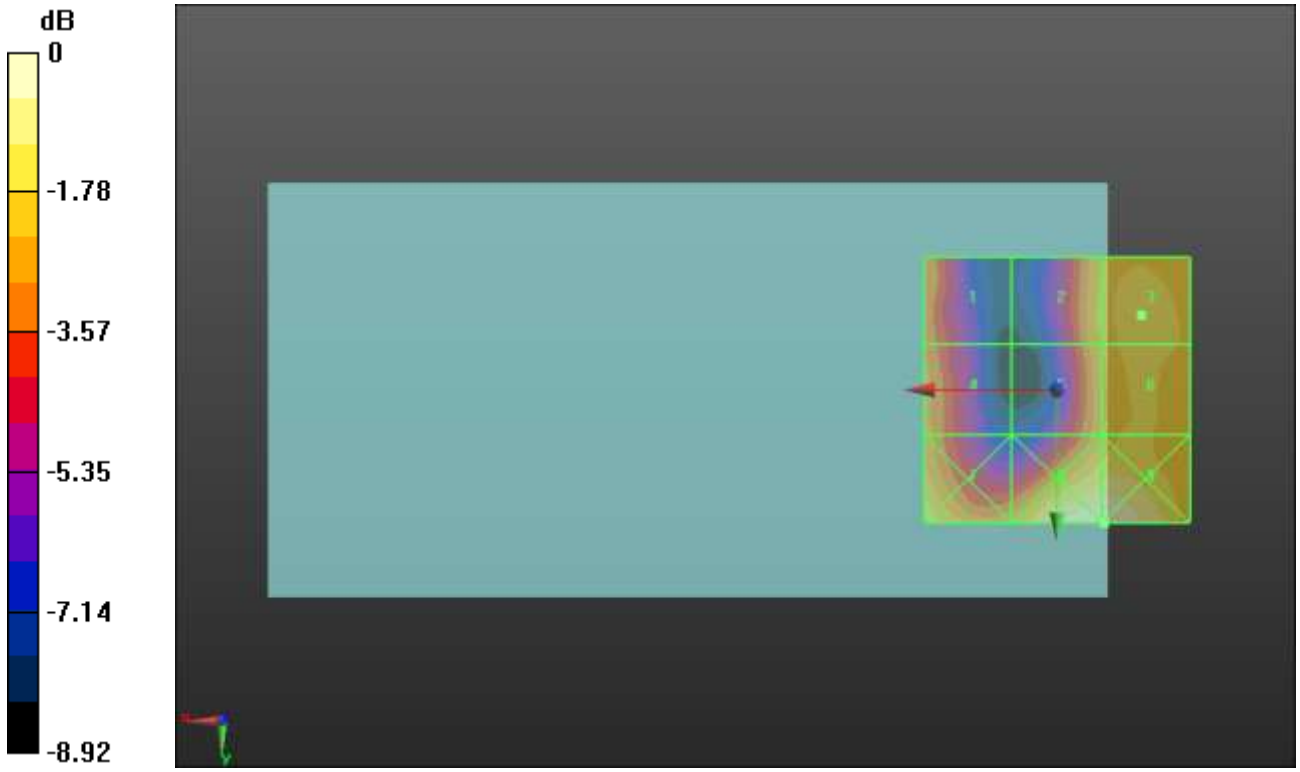
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_ch 41490/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 6.848 V/m; Power Drift = -0.12 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.29 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.78 dBV/m**	Grid 2 **M4** **18.46 dBV/m**	Grid 3 **M4** **19.29 dBV/m**
Grid 4 **M4** **18.09 dBV/m**	Grid 5 **M4** **18.29 dBV/m**	Grid 6 **M4** **19.21 dBV/m**
Grid 7 **M4** **19.31 dBV/m**	Grid 8 **M4** **20.62 dBV/m**	Grid 9 **M4** **20.63 dBV/m**



0 dB = 10.75 V/m = 20.63 dBV/m

HAC-RF Emission ANT 1

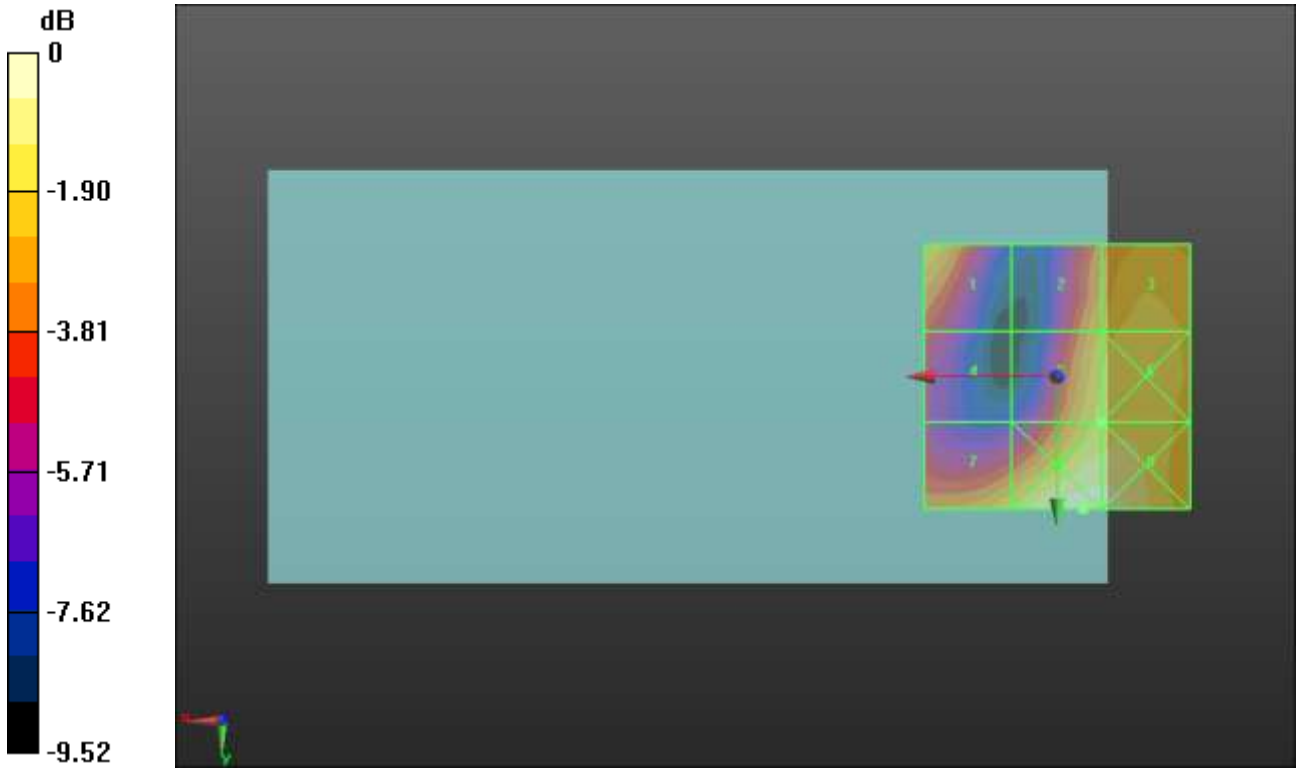
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement 2/LTE TDD_16QAM_RB 1/49_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 = 12.64 V/m; Power Drift = 0.07 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.63 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.51 dBV/m**	Grid 2 **M4** **19.85 dBV/m**	Grid 3 **M4** **20.62 dBV/m**
Grid 4 **M4** **17.98 dBV/m**	Grid 5 **M4** **20.63 dBV/m**	Grid 6 **M4** **20.93 dBV/m**
Grid 7 **M4** **20.62 dBV/m**	Grid 8 **M4** **22.28 dBV/m**	Grid 9 **M4** **22.09 dBV/m**



0 dB = 13.00 V/m = 22.28 dBV/m

HAC-RF Emission ANT 1

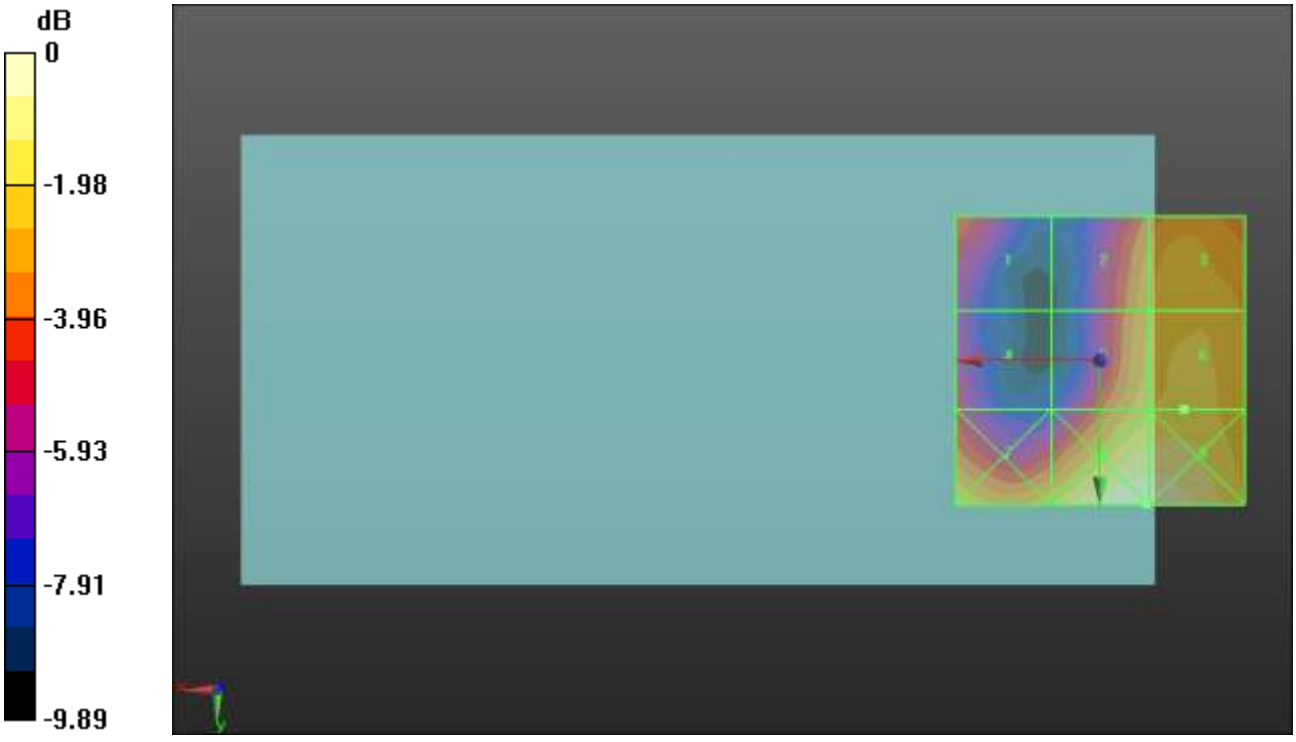
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement 2/LTE TDD_16QAM_RB 1/49_ch 40185/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 9.045 V/m; Power Drift = 0.20 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.20 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.81 dBV/m**	Grid 2 **M4** **19.11 dBV/m**	Grid 3 **M4** **19.83 dBV/m**
Grid 4 **M4** **17.16 dBV/m**	Grid 5 **M4** **19.78 dBV/m**	Grid 6 **M4** **20.2 dBV/m**
Grid 7 **M4** **20.25 dBV/m**	Grid 8 **M4** **21.82 dBV/m**	Grid 9 **M4** **21.82 dBV/m**



0 dB = 12.33 V/m = 21.82 dBV/m

HAC-RF Emission ANT 1

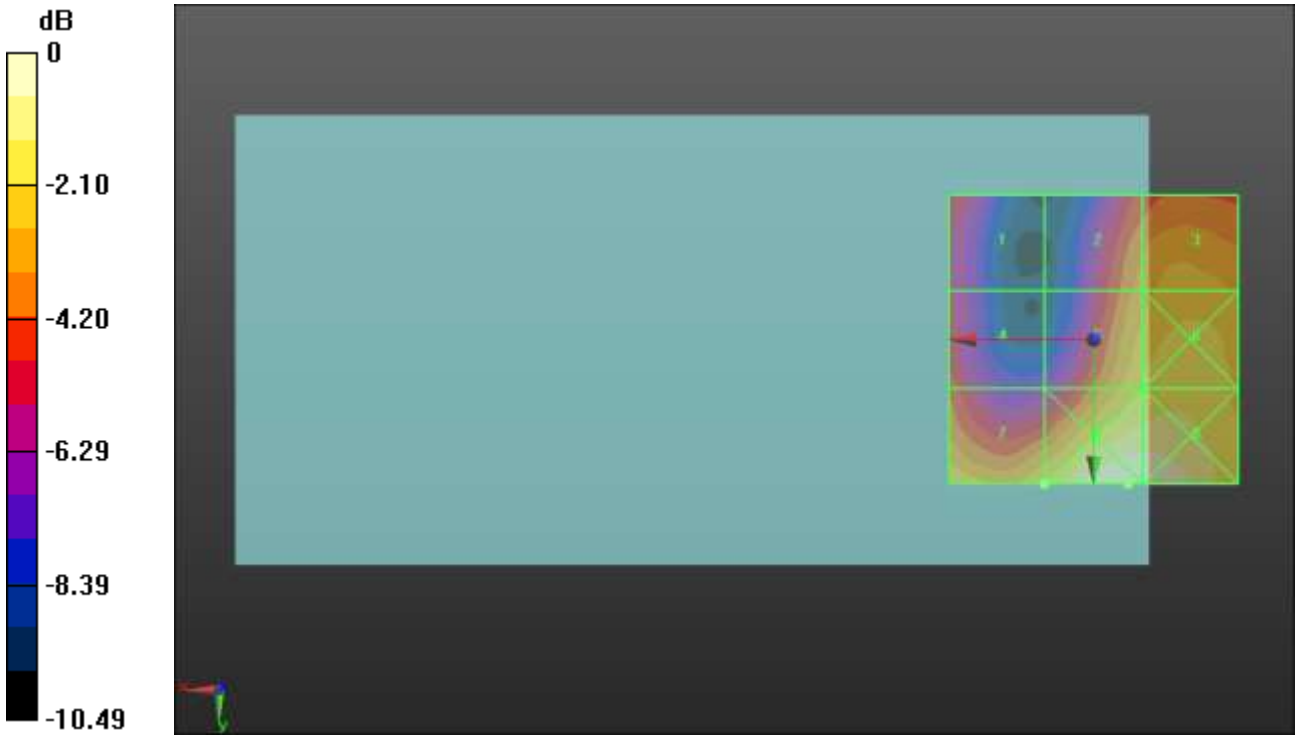
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement 2/LTE TDD_16QAM_RB 1/49_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 = 8.760 V/m; Power Drift = -0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.92 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.98 dBV/m**	Grid 2 **M4** **18.77 dBV/m**	Grid 3 **M4** **19.47 dBV/m**
Grid 4 **M4** **17.57 dBV/m**	Grid 5 **M4** **19.89 dBV/m**	Grid 6 **M4** **20.27 dBV/m**
Grid 7 **M4** **19.92 dBV/m**	Grid 8 **M4** **21.89 dBV/m**	Grid 9 **M4** **21.82 dBV/m**



0 dB = 12.43 V/m = 21.89 dBV/m

HAC-RF Emission ANT 1

Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement 2/LTE TDD_16QAM_RB 1/49_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 = 8.737 V/m; Power Drift = -0.12 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.57 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.94 dBV/m**	Grid 2 **M4** **19.67 dBV/m**	Grid 3 **M4** **20.25 dBV/m**
Grid 4 **M4** **19.52 dBV/m**	Grid 5 **M4** **19.99 dBV/m**	Grid 6 **M4** **20.57 dBV/m**
Grid 7 **M4** **20.57 dBV/m**	Grid 8 **M4** **21.85 dBV/m**	Grid 9 **M4** **21.85 dBV/m**

0 dB = 12.38 V/m = 21.85 dBV/m

HAC-RF Emission ANT 1

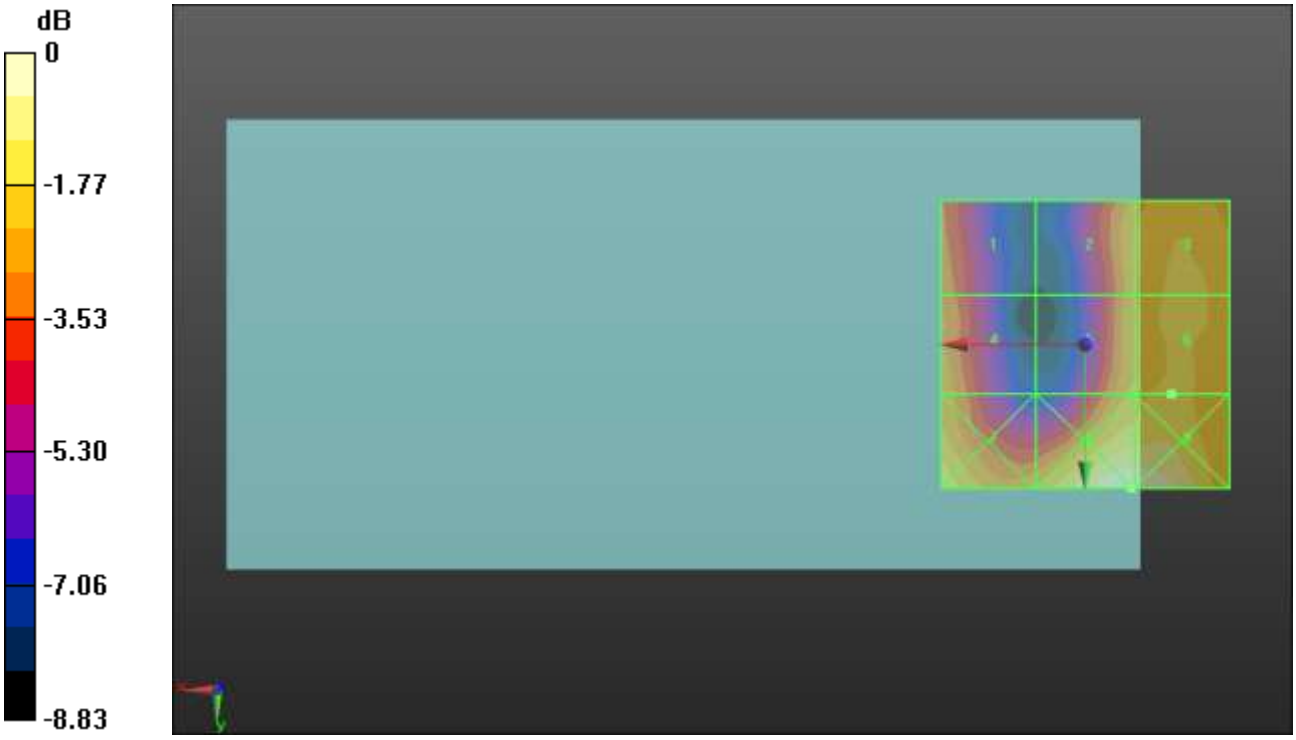
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement 2/LTE TDD_16QAM_RB 1/49_ch 41490/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 6.848 V/m; Power Drift = -0.12 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.22 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.76 dBV/m**	Grid 2 **M4** **18.34 dBV/m**	Grid 3 **M4** **19.17 dBV/m**
Grid 4 **M4** **18.23 dBV/m**	Grid 5 **M4** **18.65 dBV/m**	Grid 6 **M4** **19.22 dBV/m**
Grid 7 **M4** **19.59 dBV/m**	Grid 8 **M4** **20.76 dBV/m**	Grid 9 **M4** **20.76 dBV/m**



0 dB = 10.92 V/m = 20.76 dBV/m

HAC-RF Emission ANT 2

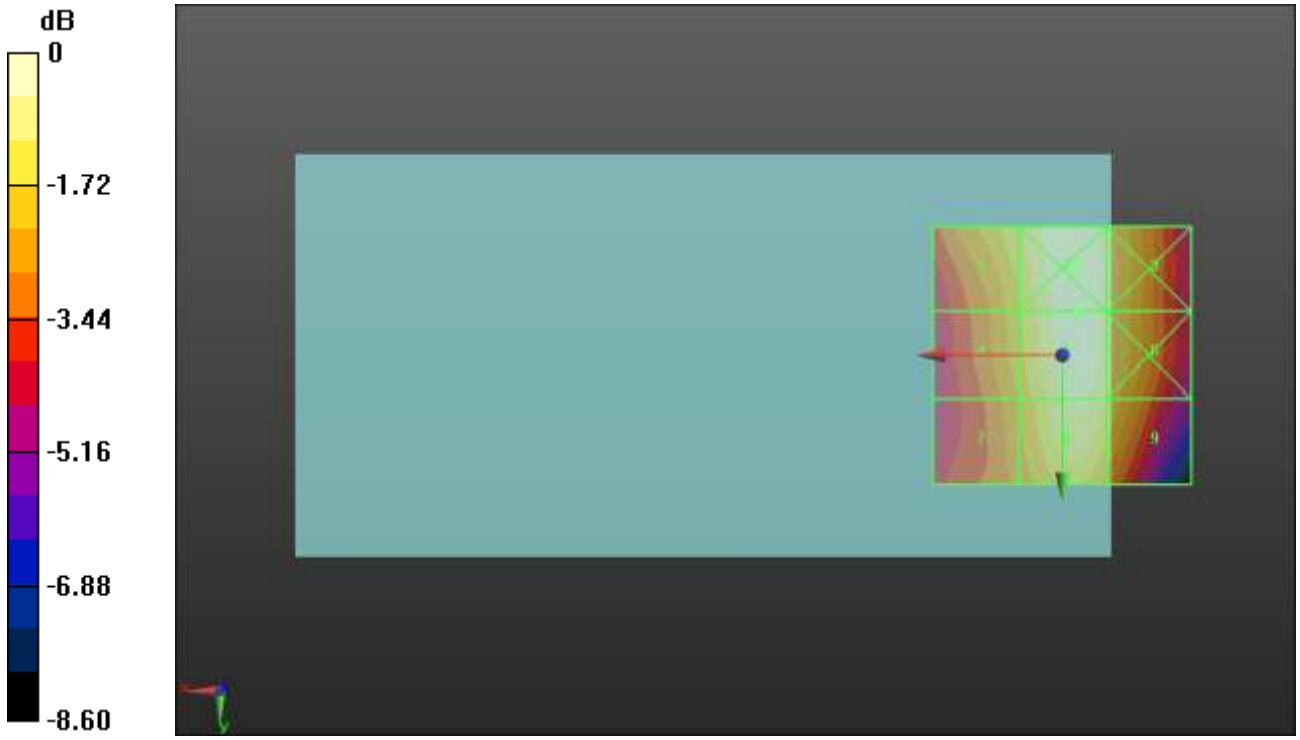
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 39.94 V/m; Power Drift = -0.05 dB
Applied MIF = 3.63 dB
RF audio interference level = 32.07 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **31.02 dBV/m**	Grid 2 **M4** **32.23 dBV/m**	Grid 3 **M4** **31.58 dBV/m**
Grid 4 **M4** **30.4 dBV/m**	Grid 5 **M4** **32.07 dBV/m**	Grid 6 **M4** **31.48 dBV/m**
Grid 7 **M4** **29.97 dBV/m**	Grid 8 **M4** **31.74 dBV/m**	Grid 9 **M4** **31.1 dBV/m**



0 dB = 40.86 V/m = 32.23 dBV/m

HAC-RF Emission ANT 2

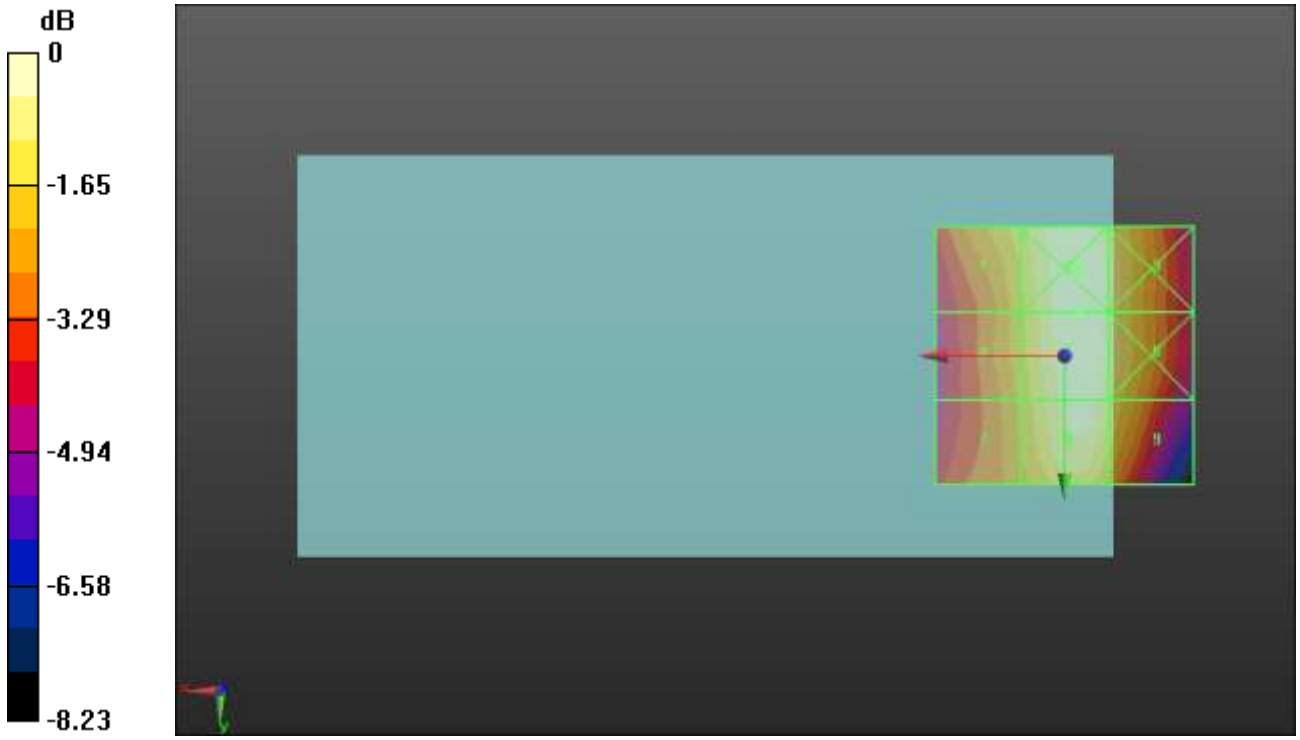
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 43.10 V/m; Power Drift = -0.06 dB
Applied MIF = 3.63 dB
RF audio interference level = 32.57 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **31.39 dBV/m**	Grid 2 **M4** **32.66 dBV/m**	Grid 3 **M4** **32 dBV/m**
Grid 4 **M4** **30.87 dBV/m**	Grid 5 **M4** **32.57 dBV/m**	Grid 6 **M4** **31.99 dBV/m**
Grid 7 **M4** **30.61 dBV/m**	Grid 8 **M4** **32.39 dBV/m**	Grid 9 **M4** **31.69 dBV/m**



0 dB = 42.94 V/m = 32.66 dBV/m

HAC-RF Emission ANT 2

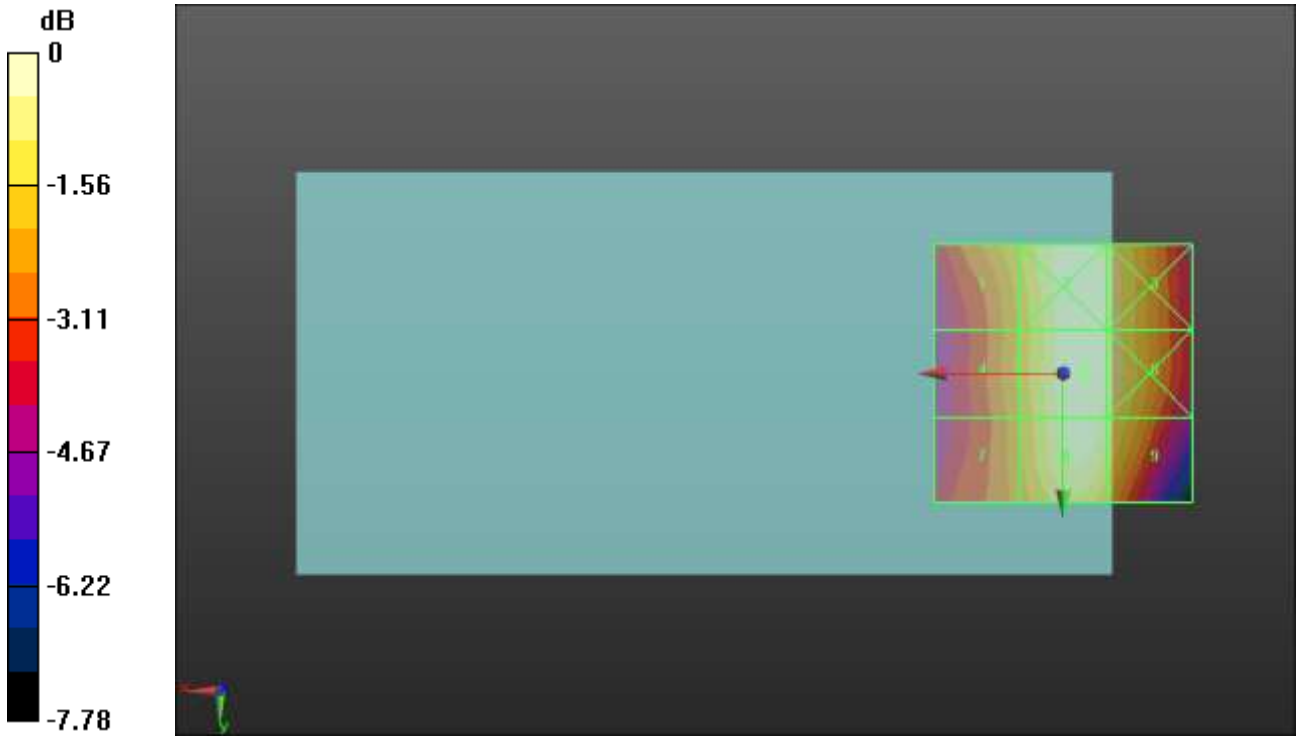
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 45.26 V/m; Power Drift = 0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 33.12 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **31.62 dBV/m**	Grid 2 **M4** **33.05 dBV/m**	Grid 3 **M4** **32.57 dBV/m**
Grid 4 **M4** **31.22 dBV/m**	Grid 5 **M4** **33.12 dBV/m**	Grid 6 **M4** **32.61 dBV/m**
Grid 7 **M4** **31.01 dBV/m**	Grid 8 **M4** **33.01 dBV/m**	Grid 9 **M4** **32.39 dBV/m**



0 dB = 45.30 V/m = 33.12 dBV/m

HAC-RF Emission ANT 2

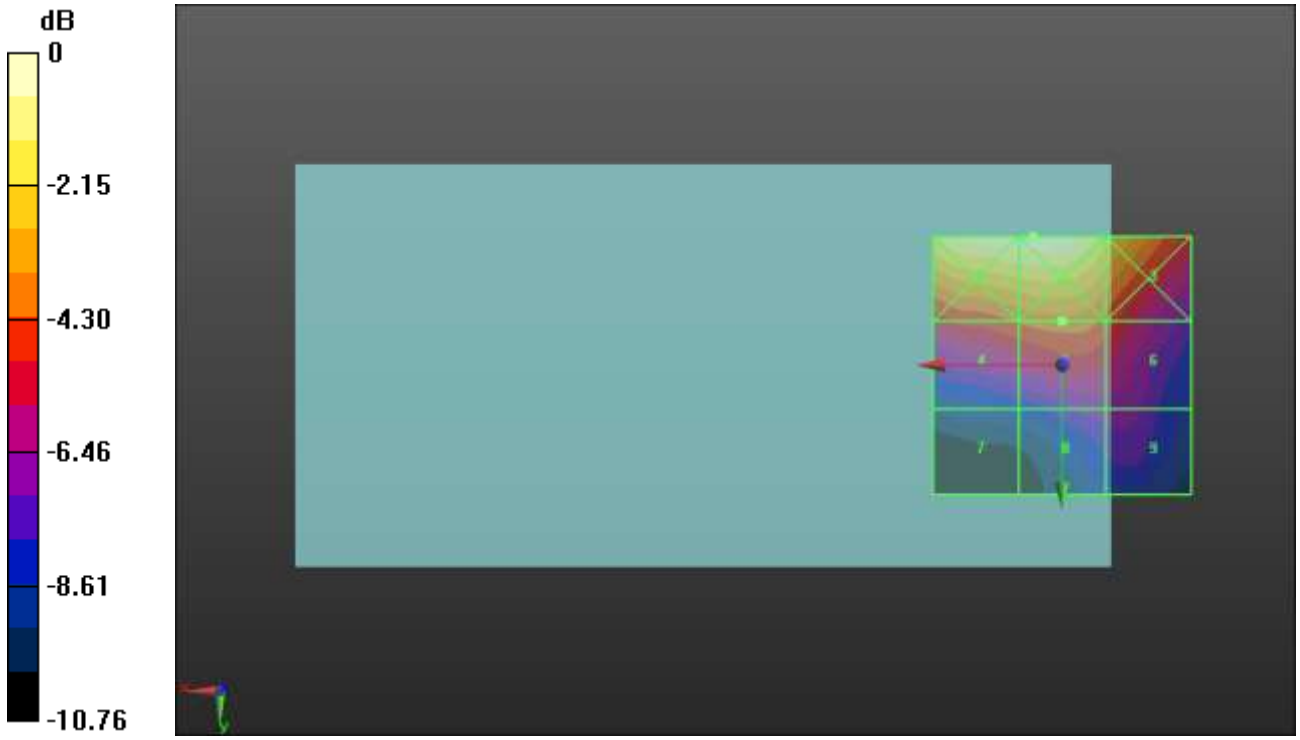
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 19.67 V/m; Power Drift = -0.05 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.43 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **32.14 dBV/m**	Grid 2 **M3** **32.23 dBV/m**	Grid 3 **M3** **30.57 dBV/m**
Grid 4 **M4** **28.03 dBV/m**	Grid 5 **M4** **28.43 dBV/m**	Grid 6 **M4** **27.64 dBV/m**
Grid 7 **M4** **23.76 dBV/m**	Grid 8 **M4** **25.51 dBV/m**	Grid 9 **M4** **25.51 dBV/m**



0 dB = 40.89 V/m = 32.23 dBV/m

HAC-RF Emission ANT 2

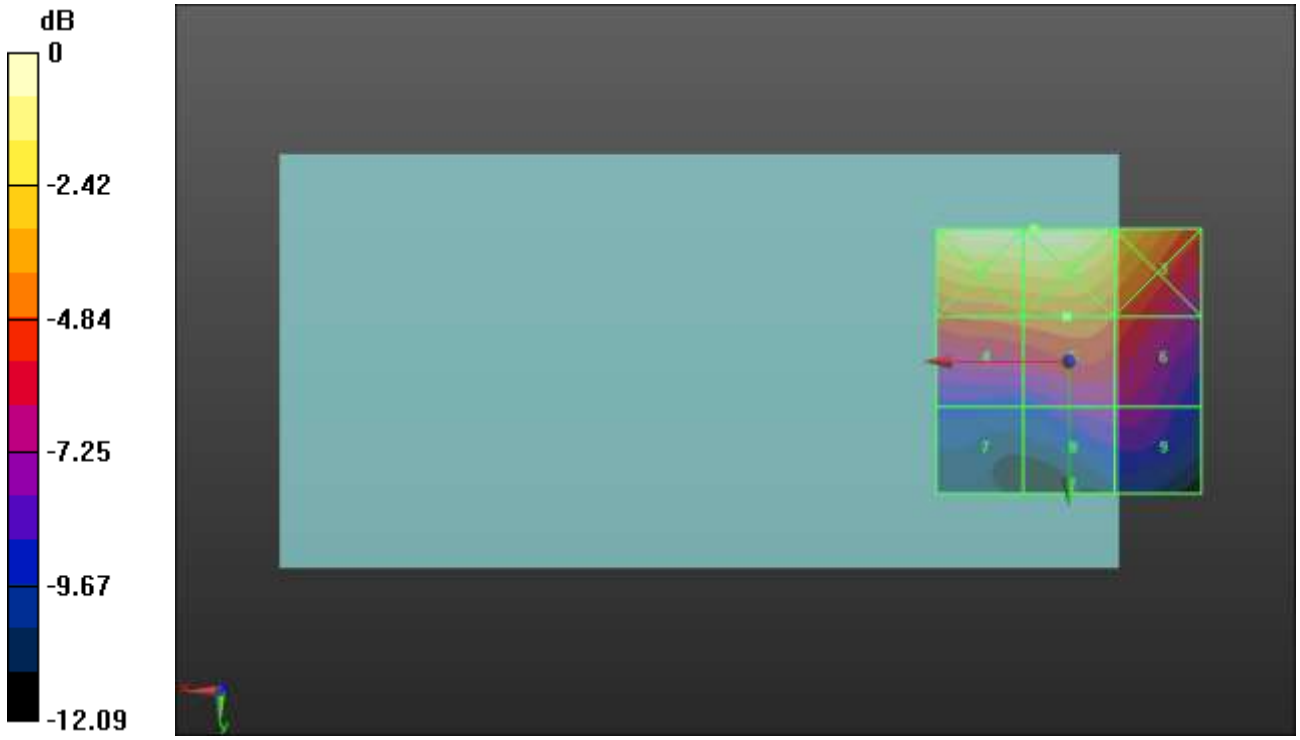
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 18.41 V/m; Power Drift = -0.07 dB
Applied MIF = 3.63 dB
RF audio interference level = 27.75 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **31.73 dBV/m**	Grid 2 **M3** **31.75 dBV/m**	Grid 3 **M4** **29.97 dBV/m**
Grid 4 **M4** **27.41 dBV/m**	Grid 5 **M4** **27.75 dBV/m**	Grid 6 **M4** **26.92 dBV/m**
Grid 7 **M4** **22.67 dBV/m**	Grid 8 **M4** **24.44 dBV/m**	Grid 9 **M4** **24.44 dBV/m**



0 dB = 38.70 V/m = 31.75 dBV/m

HAC-RF Emission ANT 2

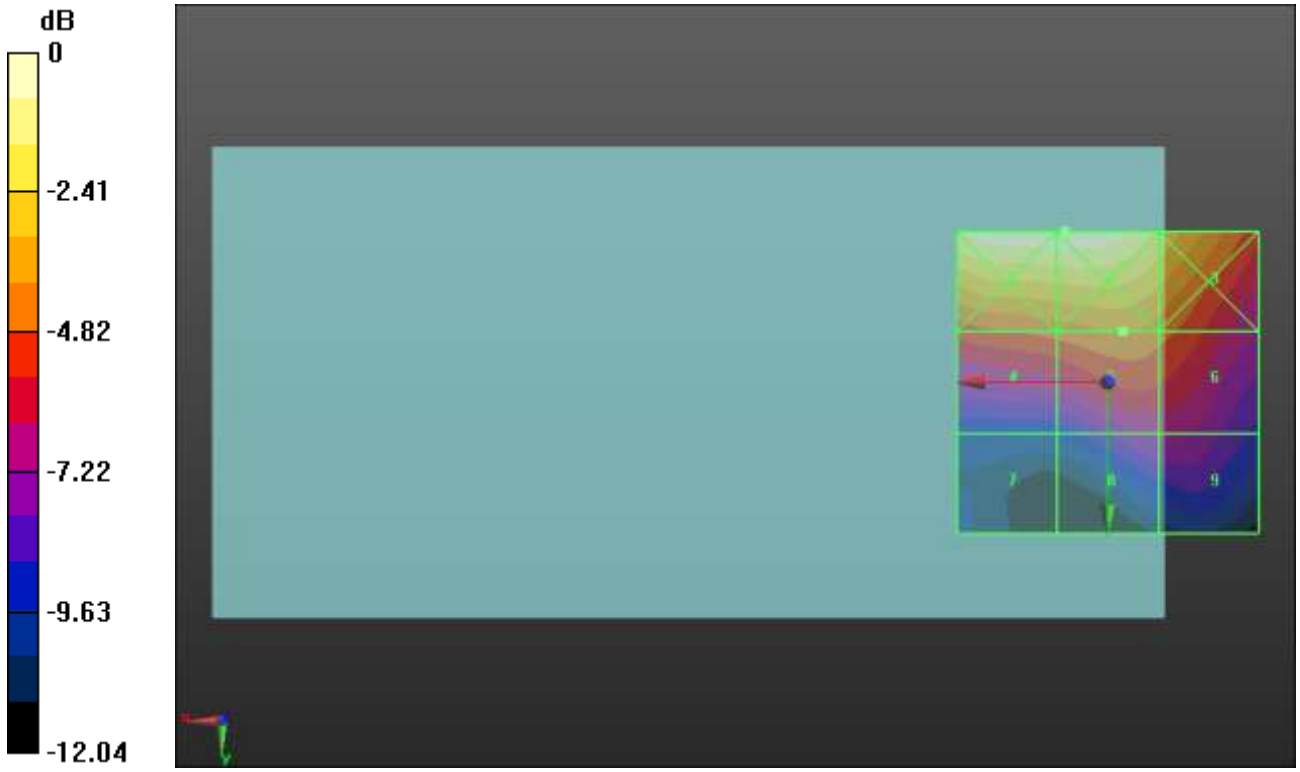
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 17.62 V/m; Power Drift = -0.20 dB
Applied MIF = 3.63 dB
RF audio interference level = 27.33 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **31.27 dBV/m**	Grid 2 **M3** **31.28 dBV/m**	Grid 3 **M4** **29.64 dBV/m**
Grid 4 **M4** **26.81 dBV/m**	Grid 5 **M4** **27.33 dBV/m**	Grid 6 **M4** **26.87 dBV/m**
Grid 7 **M4** **21.97 dBV/m**	Grid 8 **M4** **24.26 dBV/m**	Grid 9 **M4** **24.3 dBV/m**



0 dB = 36.62 V/m = 31.27 dBV/m

HAC-RF Emission ANT 2

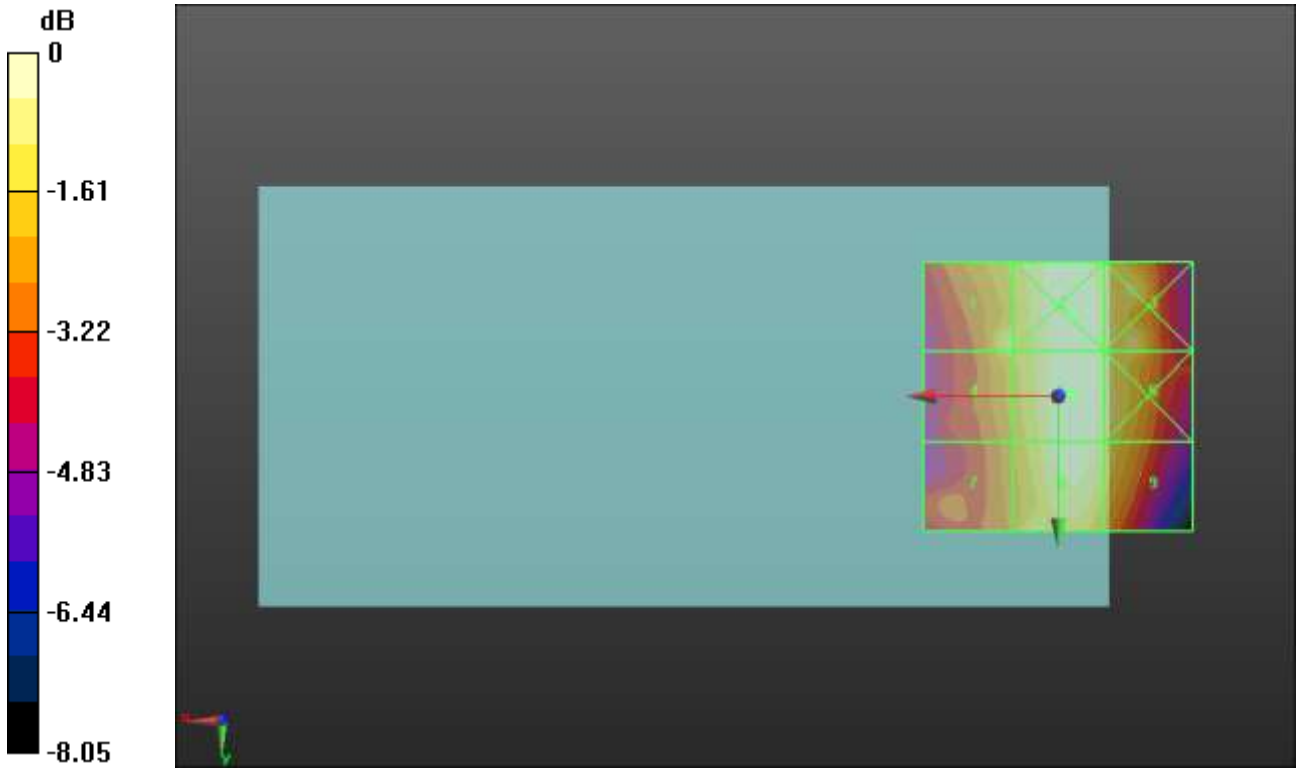
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA 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 = 50.16 V/m; Power Drift = -0.03 dB
Applied MIF = 3.26 dB
RF audio interference level = 33.26 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **32.34 dBV/m**	Grid 2 **M4** **33.31 dBV/m**	Grid 3 **M4** **32.6 dBV/m**
Grid 4 **M4** **32.12 dBV/m**	Grid 5 **M4** **33.26 dBV/m**	Grid 6 **M4** **32.66 dBV/m**
Grid 7 **M4** **31.11 dBV/m**	Grid 8 **M4** **33.11 dBV/m**	Grid 9 **M4** **32.38 dBV/m**



0 dB = 46.29 V/m = 33.31 dBV/m

HAC-RF Emission ANT 2

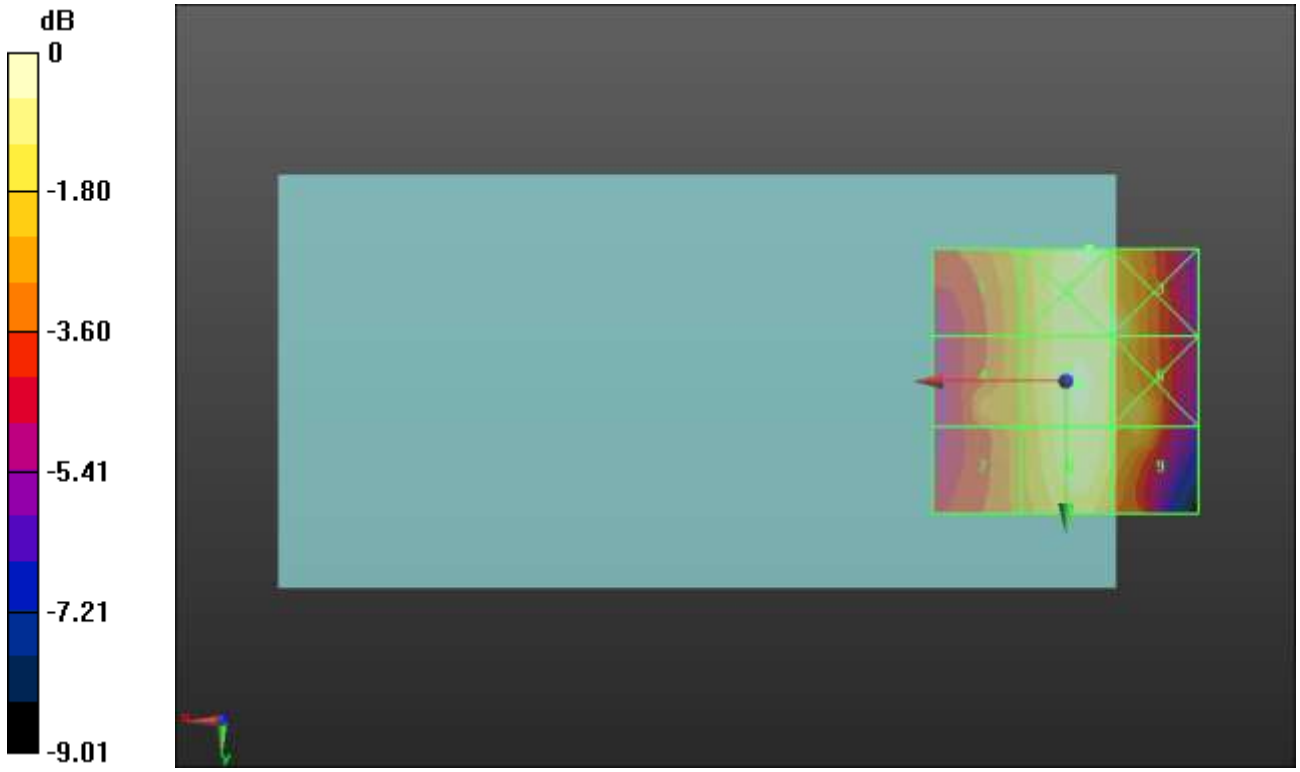
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 831.99 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA 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 = 52.92 V/m; Power Drift = -0.06 dB
Applied MIF = 3.26 dB
RF audio interference level = 33.60 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **32.04 dBV/m**	Grid 2 **M4** **34.11 dBV/m**	Grid 3 **M4** **33.7 dBV/m**
Grid 4 **M4** **31.81 dBV/m**	Grid 5 **M4** **33.6 dBV/m**	Grid 6 **M4** **33.5 dBV/m**
Grid 7 **M4** **31.6 dBV/m**	Grid 8 **M4** **33.47 dBV/m**	Grid 9 **M4** **32.66 dBV/m**



0 dB = 50.73 V/m = 34.11 dBV/m

HAC-RF Emission ANT 2

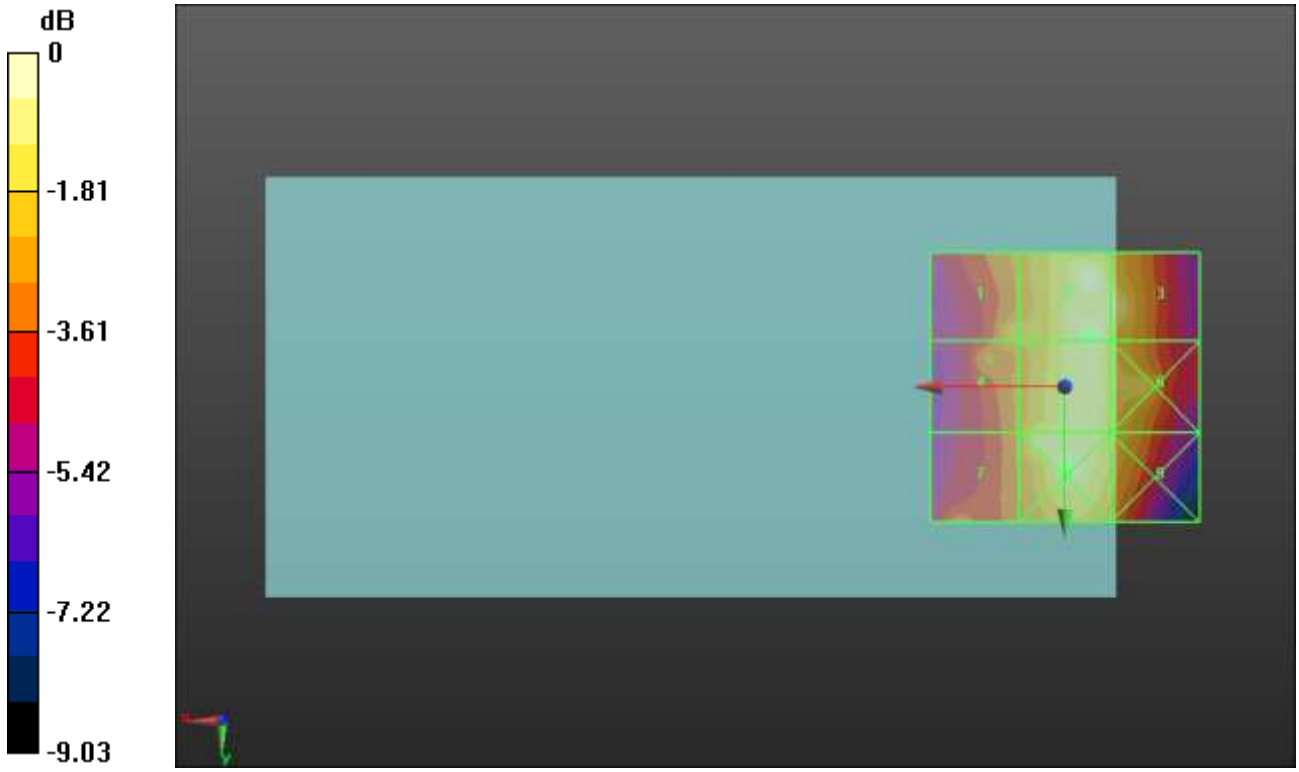
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA 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 = 51.90 V/m; Power Drift = 0.02 dB
Applied MIF = 3.26 dB
RF audio interference level = 34.23 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **32.2 dBV/m**	Grid 2 **M4** **34.23 dBV/m**	Grid 3 **M4** **33.58 dBV/m**
Grid 4 **M4** **32.03 dBV/m**	Grid 5 **M4** **34.01 dBV/m**	Grid 6 **M4** **32.91 dBV/m**
Grid 7 **M4** **31.59 dBV/m**	Grid 8 **M4** **34.3 dBV/m**	Grid 9 **M4** **32.72 dBV/m**



0 dB = 51.87 V/m = 34.30 dBV/m

HAC-RF Emission ANT 2

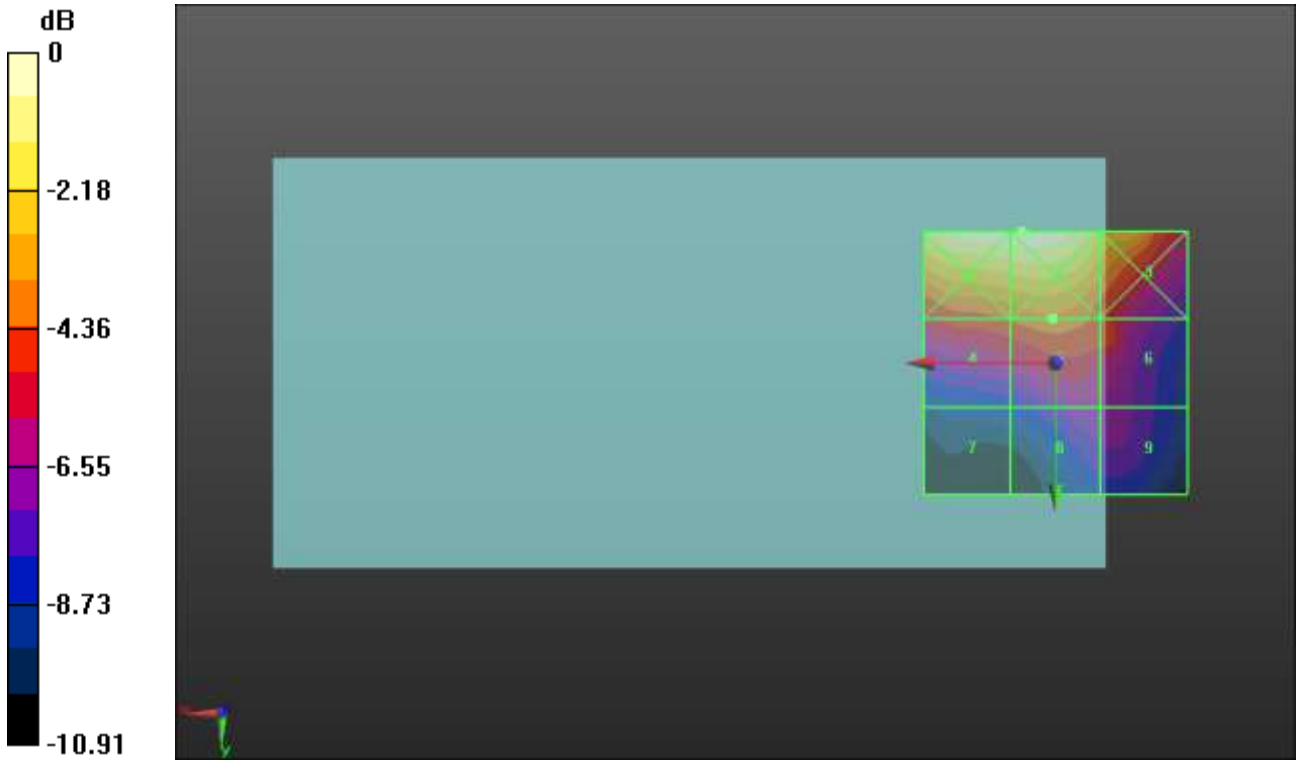
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA 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 = 20.94 V/m; Power Drift = -0.04 dB
Applied MIF = 3.26 dB
RF audio interference level = 28.01 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **31.76 dBV/m**	Grid 2 **M3** **31.8 dBV/m**	Grid 3 **M4** **29.8 dBV/m**
Grid 4 **M4** **27.54 dBV/m**	Grid 5 **M4** **28.01 dBV/m**	Grid 6 **M4** **27.43 dBV/m**
Grid 7 **M4** **23.35 dBV/m**	Grid 8 **M4** **25.2 dBV/m**	Grid 9 **M4** **25.2 dBV/m**



0 dB = 38.89 V/m = 31.80 dBV/m

HAC-RF Emission ANT 2

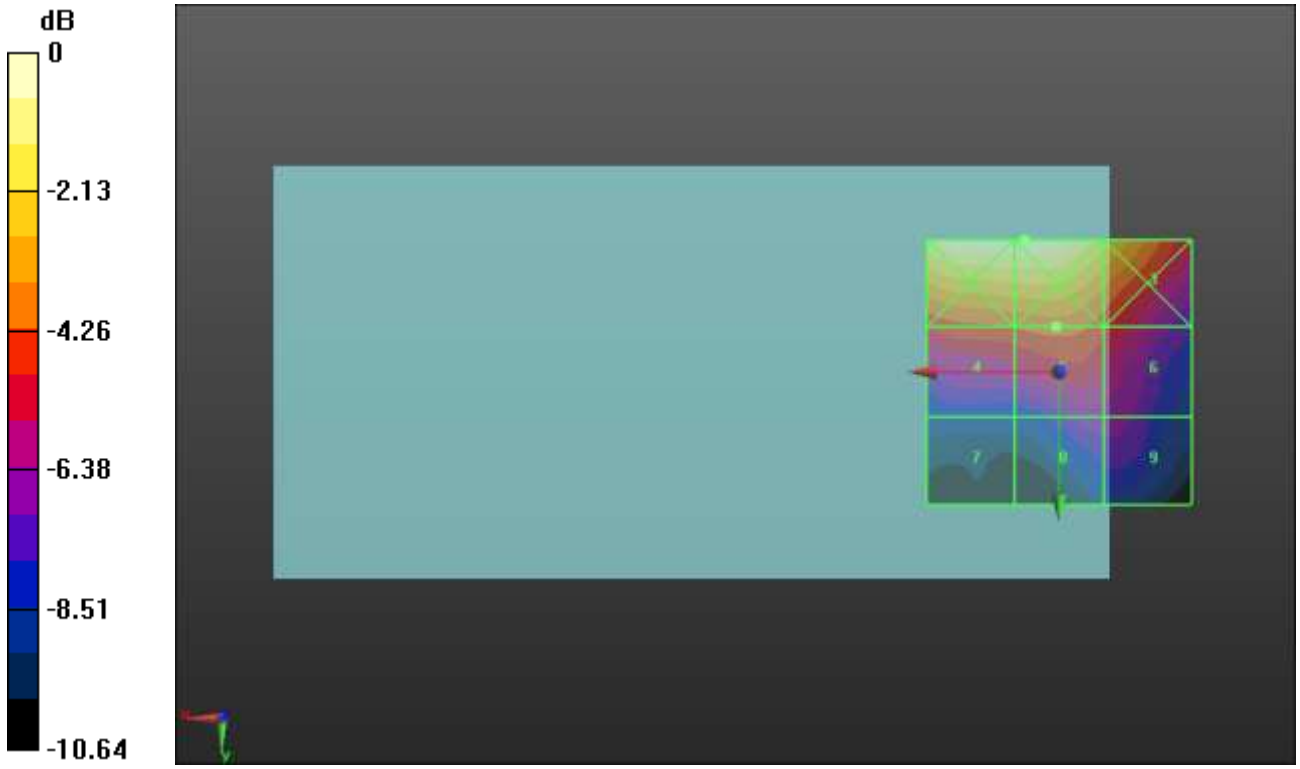
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA 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 = 19.81 V/m; Power Drift = -0.06 dB
Applied MIF = 3.26 dB
RF audio interference level = 27.58 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **31.47 dBV/m**	Grid 2 **M3** **31.49 dBV/m**	Grid 3 **M4** **29.66 dBV/m**
Grid 4 **M4** **27.26 dBV/m**	Grid 5 **M4** **27.58 dBV/m**	Grid 6 **M4** **26.75 dBV/m**
Grid 7 **M4** **23.06 dBV/m**	Grid 8 **M4** **24.85 dBV/m**	Grid 9 **M4** **24.84 dBV/m**



0 dB = 37.53 V/m = 31.49 dBV/m

HAC-RF Emission ANT 2

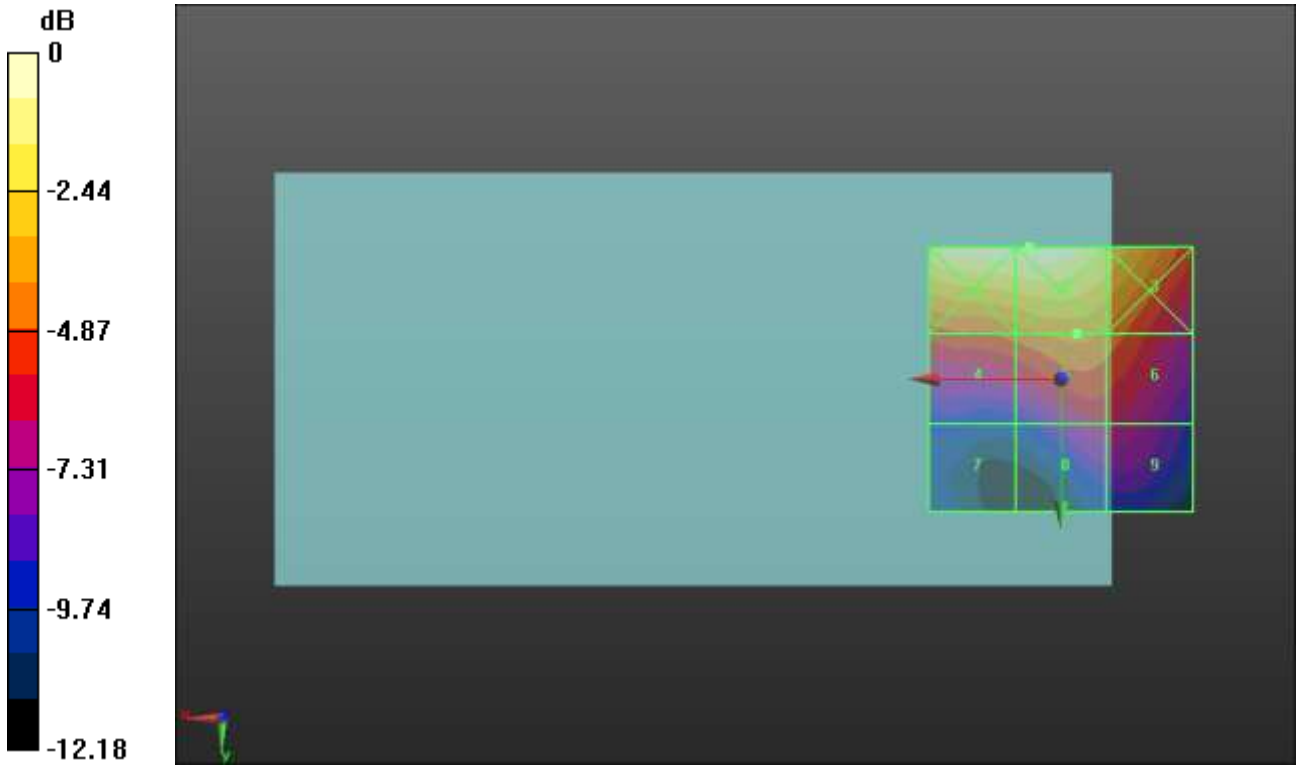
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA 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 = 19.18 V/m; Power Drift = -0.04 dB
Applied MIF = 3.26 dB
RF audio interference level = 27.34 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **31.05 dBV/m**	Grid 2 **M3** **31.1 dBV/m**	Grid 3 **M4** **29.57 dBV/m**
Grid 4 **M4** **26.6 dBV/m**	Grid 5 **M4** **27.34 dBV/m**	Grid 6 **M4** **26.88 dBV/m**
Grid 7 **M4** **21.8 dBV/m**	Grid 8 **M4** **24.49 dBV/m**	Grid 9 **M4** **24.49 dBV/m**



0 dB = 35.90 V/m = 31.10 dBV/m

HAC-RF Emission ANT 2

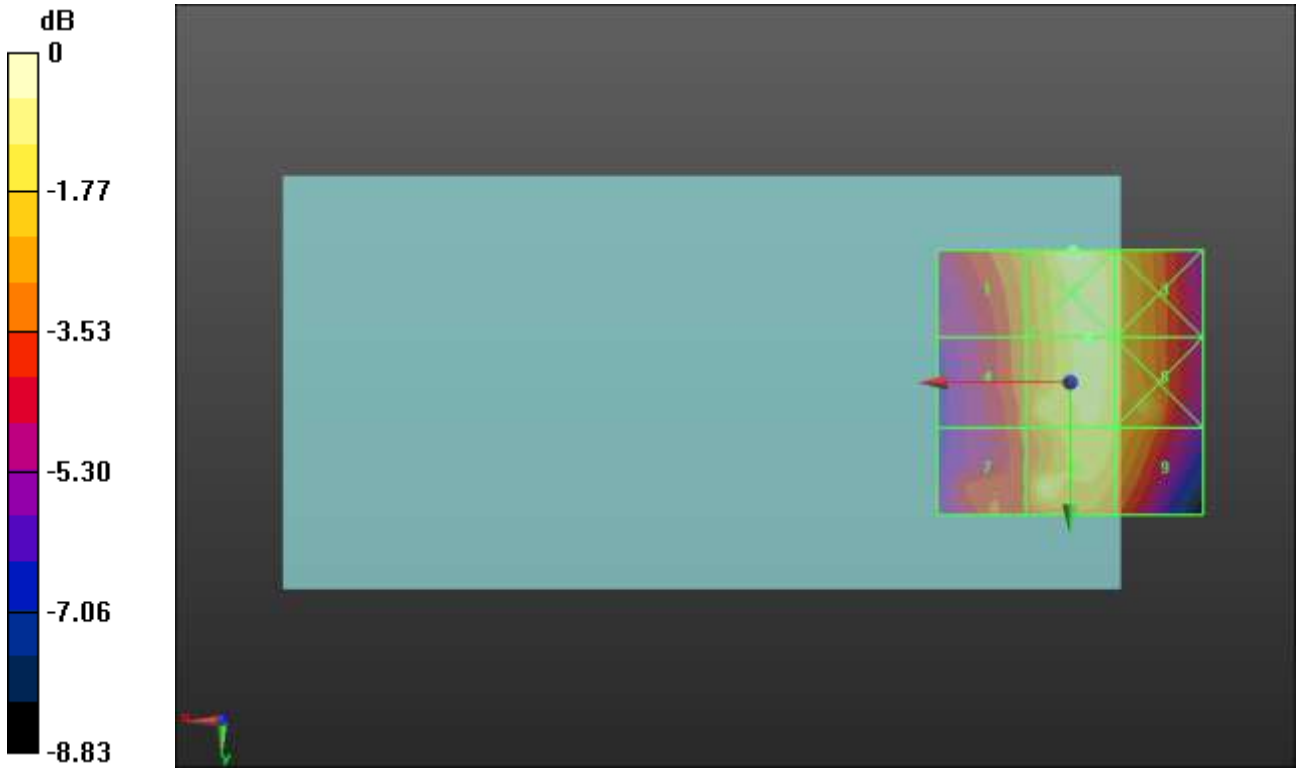
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.3 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7331)

CDMA 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 = 47.01 V/m; Power Drift = -0.15 dB
Applied MIF = 3.26 dB
RF audio interference level = 32.75 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **31.28 dBV/m**	Grid 2 **M4** **33.67 dBV/m**	Grid 3 **M4** **32.28 dBV/m**
Grid 4 **M4** **30.72 dBV/m**	Grid 5 **M4** **32.75 dBV/m**	Grid 6 **M4** **32.25 dBV/m**
Grid 7 **M4** **30.42 dBV/m**	Grid 8 **M4** **32.72 dBV/m**	Grid 9 **M4** **31.94 dBV/m**



0 dB = 48.24 V/m = 33.67 dBV/m

HAC-RF Emission ANT 2

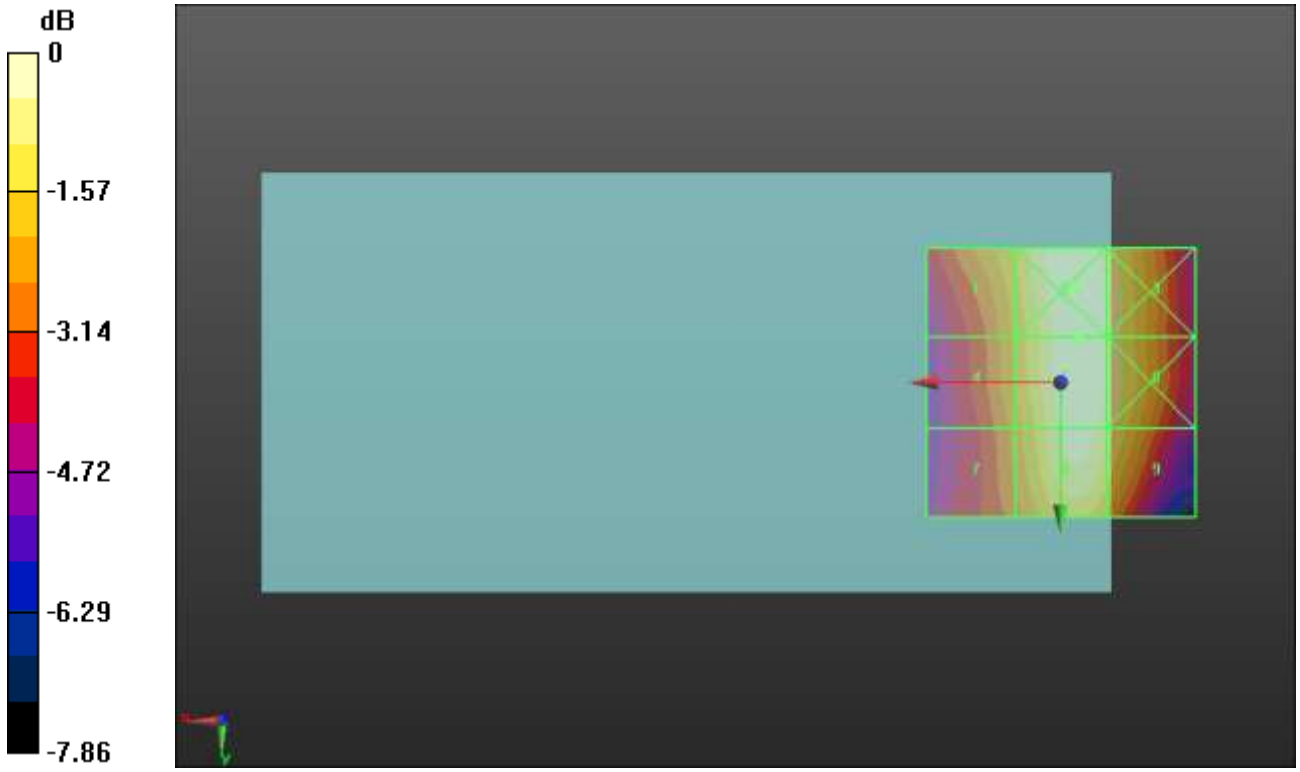
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.11 (7437)

CDMA 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 = 47.54 V/m; Power Drift = -0.01 dB
Applied MIF = 3.26 dB
RF audio interference level = 32.91 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **31.45 dBV/m**	Grid 2 **M4** **32.94 dBV/m**	Grid 3 **M4** **32.42 dBV/m**
Grid 4 **M4** **30.94 dBV/m**	Grid 5 **M4** **32.91 dBV/m**	Grid 6 **M4** **32.42 dBV/m**
Grid 7 **M4** **30.58 dBV/m**	Grid 8 **M4** **32.68 dBV/m**	Grid 9 **M4** **32.16 dBV/m**



0 dB = 44.37 V/m = 32.94 dBV/m

HAC-RF Emission ANT 2

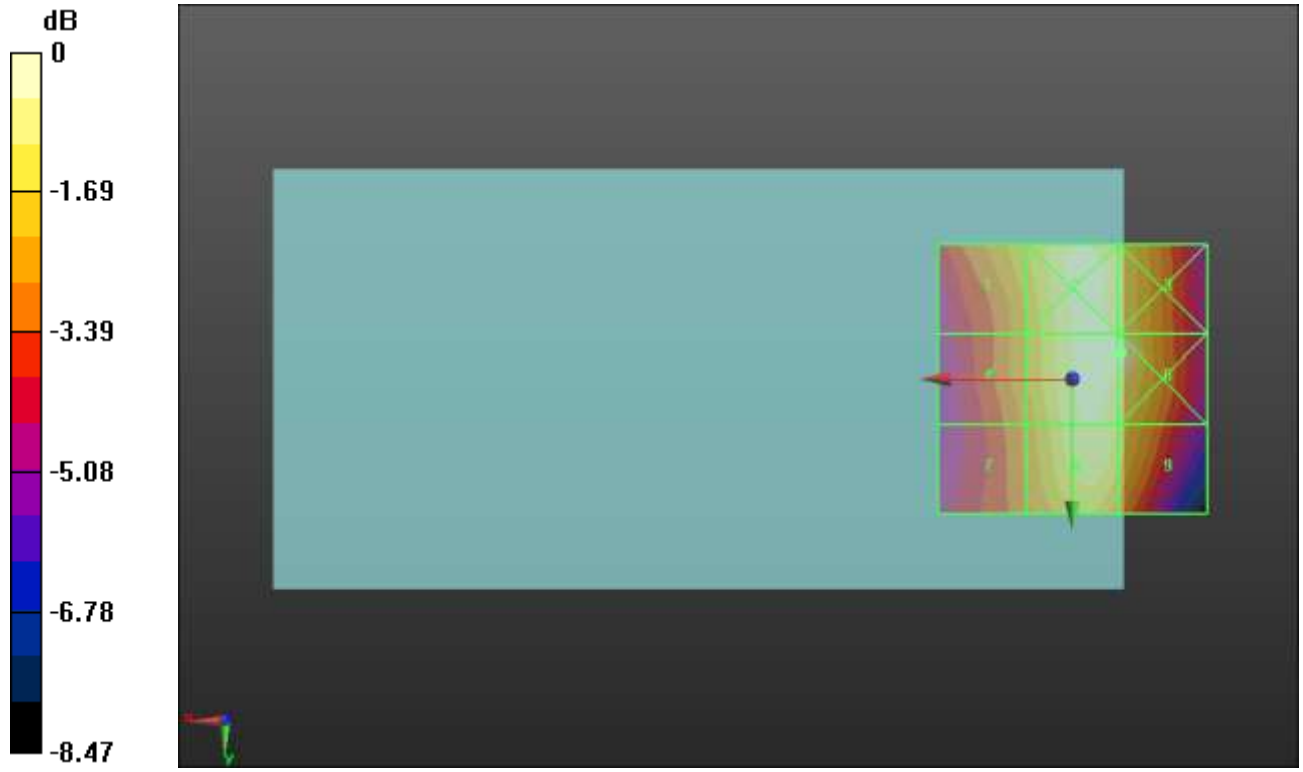
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 822.75 MHz; Duty Cycle: 1:17.7419
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA 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 = 48.81 V/m; Power Drift = 0.04 dB
Applied MIF = 3.26 dB
RF audio interference level = 33.44 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **31.74 dBV/m**	Grid 2 **M4** **33.14 dBV/m**	Grid 3 **M4** **32.73 dBV/m**
Grid 4 **M4** **31.27 dBV/m**	Grid 5 **M4** **33.44 dBV/m**	Grid 6 **M4** **33.47 dBV/m**
Grid 7 **M4** **30.9 dBV/m**	Grid 8 **M4** **32.92 dBV/m**	Grid 9 **M4** **32.26 dBV/m**



0 dB = 47.14 V/m = 33.47 dBV/m

HAC-RF Emission ANT 2

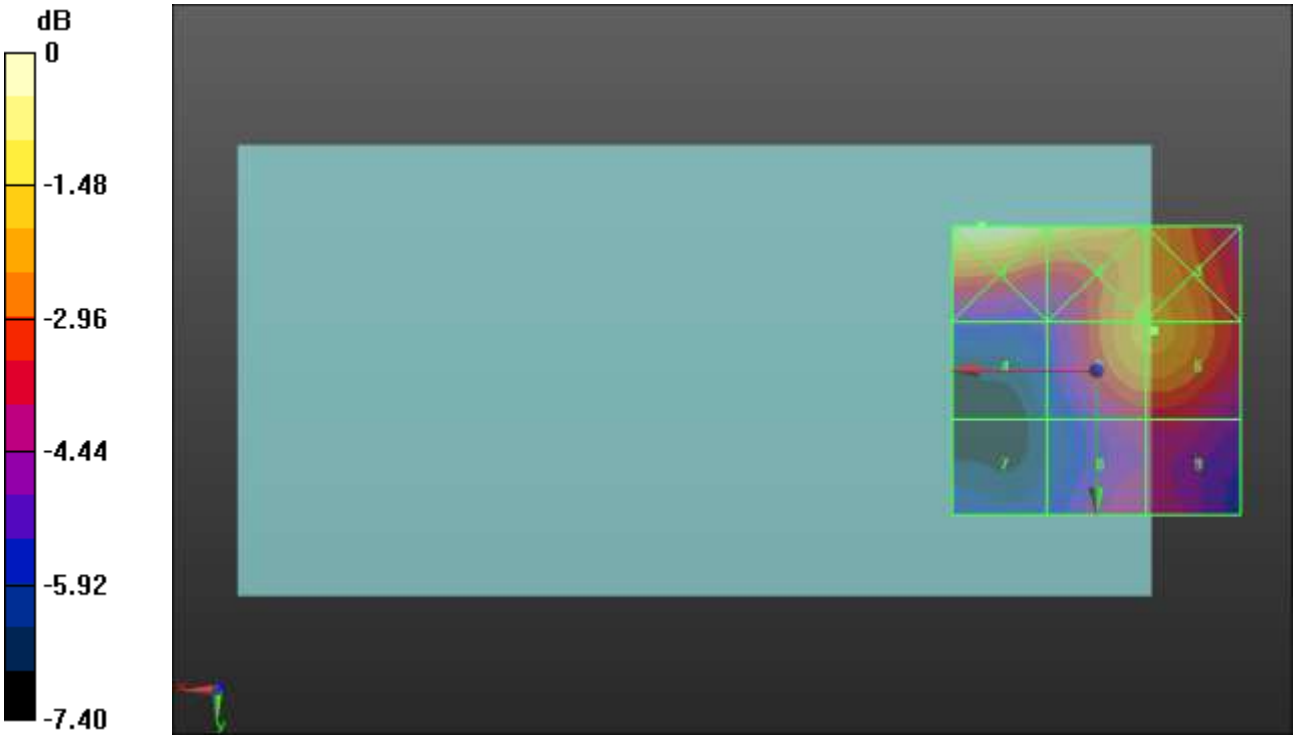
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_ch 39750/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 34.18 V/m; Power Drift = -0.13 dB
Applied MIF = -1.44 dB
RF audio interference level = 27.08 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.88 dBV/m**	Grid 2 **M4** **28.07 dBV/m**	Grid 3 **M4** **27.05 dBV/m**
Grid 4 **M4** **23.83 dBV/m**	Grid 5 **M4** **27.06 dBV/m**	Grid 6 **M4** **27.08 dBV/m**
Grid 7 **M4** **23.24 dBV/m**	Grid 8 **M4** **25.01 dBV/m**	Grid 9 **M4** **25.09 dBV/m**



0 dB = 27.78 V/m = 28.87 dBV/m

HAC-RF Emission ANT 2

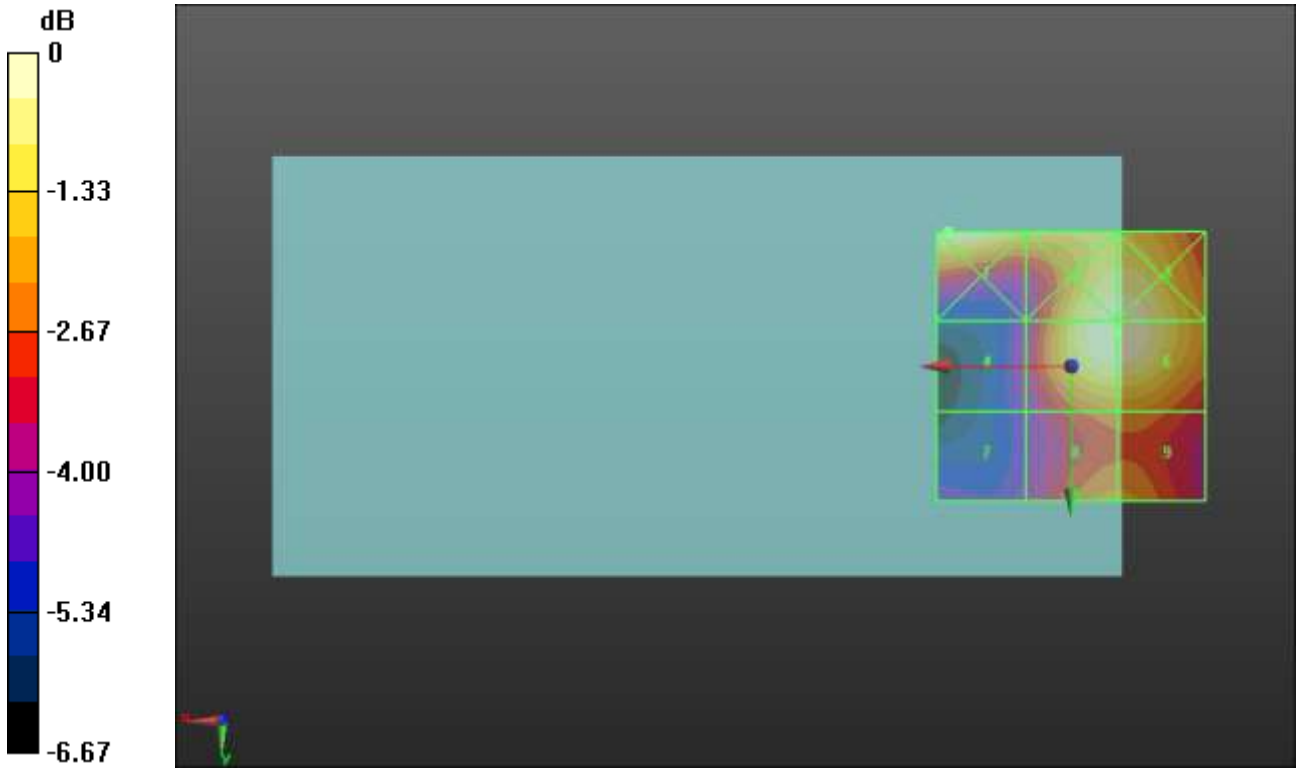
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 61.85 V/m; Power Drift = 0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 28.11 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.11 dBV/m**	Grid 2 **M4** **28.02 dBV/m**	Grid 3 **M4** **28.02 dBV/m**
Grid 4 **M4** **24.32 dBV/m**	Grid 5 **M4** **28.11 dBV/m**	Grid 6 **M4** **28.11 dBV/m**
Grid 7 **M4** **23.98 dBV/m**	Grid 8 **M4** **26.1 dBV/m**	Grid 9 **M4** **26.1 dBV/m**



0 dB = 25.44 V/m = 28.11 dBV/m

HAC-RF Emission ANT 2

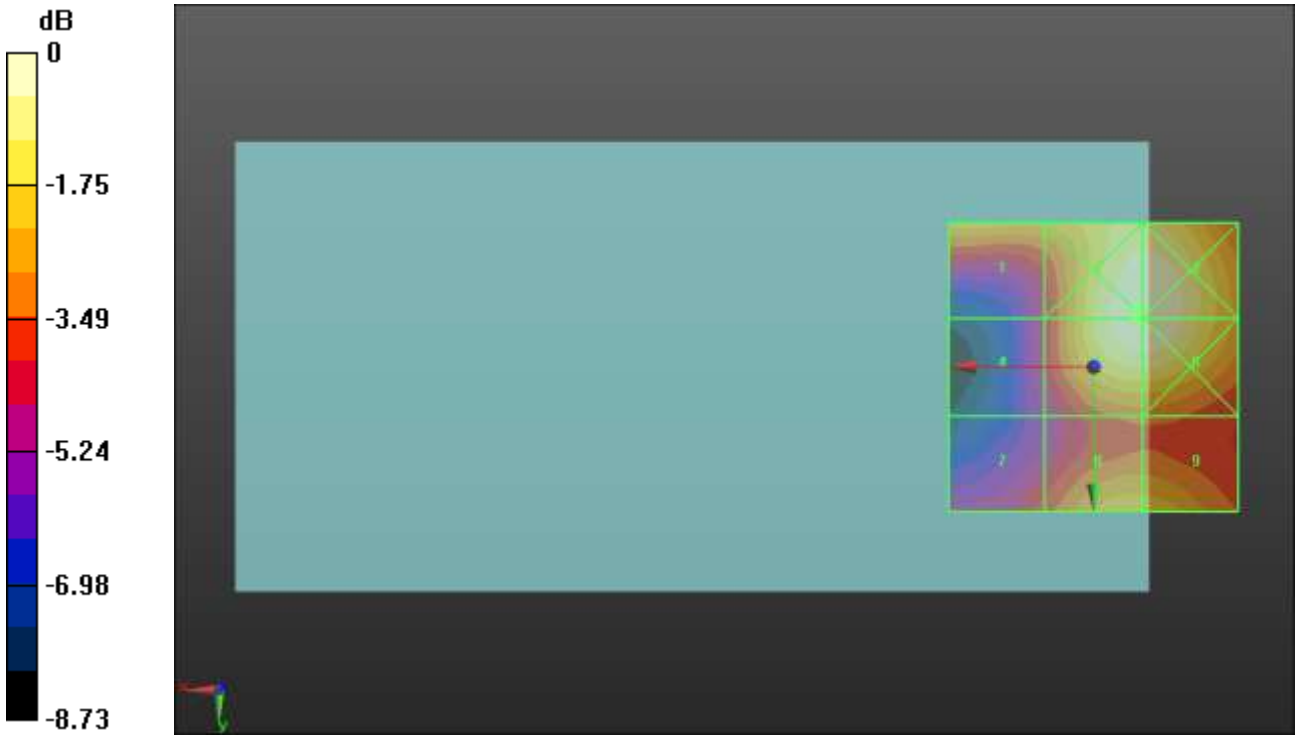
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 45.29 V/m; Power Drift = -0.09 dB
Applied MIF = -1.44 dB
RF audio interference level = 29.67 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.73 dBV/m**	Grid 2 **M4** **29.68 dBV/m**	Grid 3 **M4** **29.68 dBV/m**
Grid 4 **M4** **25.26 dBV/m**	Grid 5 **M4** **29.67 dBV/m**	Grid 6 **M4** **29.66 dBV/m**
Grid 7 **M4** **25.94 dBV/m**	Grid 8 **M4** **27.88 dBV/m**	Grid 9 **M4** **27.84 dBV/m**



0 dB = 30.49 V/m = 29.68 dBV/m

HAC-RF Emission ANT 2

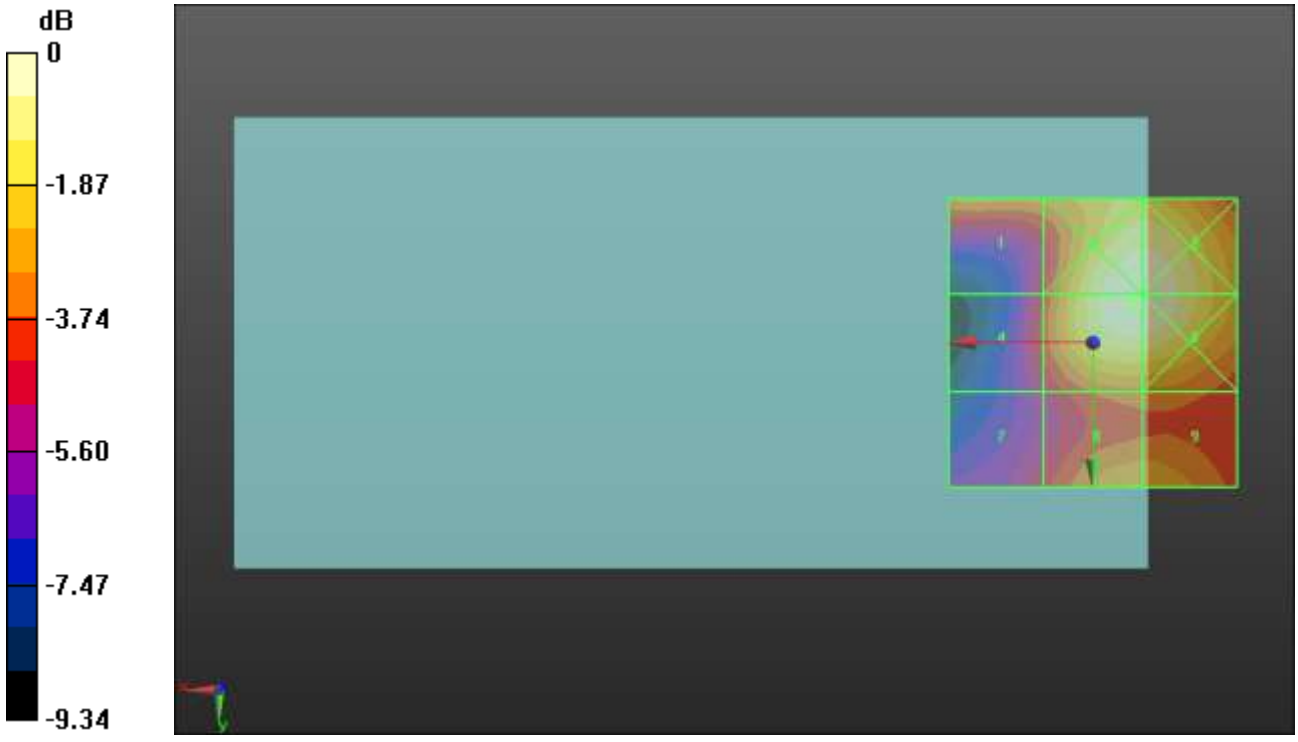
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 49.47 V/m; Power Drift = -0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 29.77 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.04 dBV/m**	Grid 2 **M4** **29.75 dBV/m**	Grid 3 **M4** **29.72 dBV/m**
Grid 4 **M4** **25.77 dBV/m**	Grid 5 **M4** **29.77 dBV/m**	Grid 6 **M4** **29.74 dBV/m**
Grid 7 **M4** **25.25 dBV/m**	Grid 8 **M4** **27.36 dBV/m**	Grid 9 **M4** **27.33 dBV/m**



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

HAC-RF Emission ANT 2

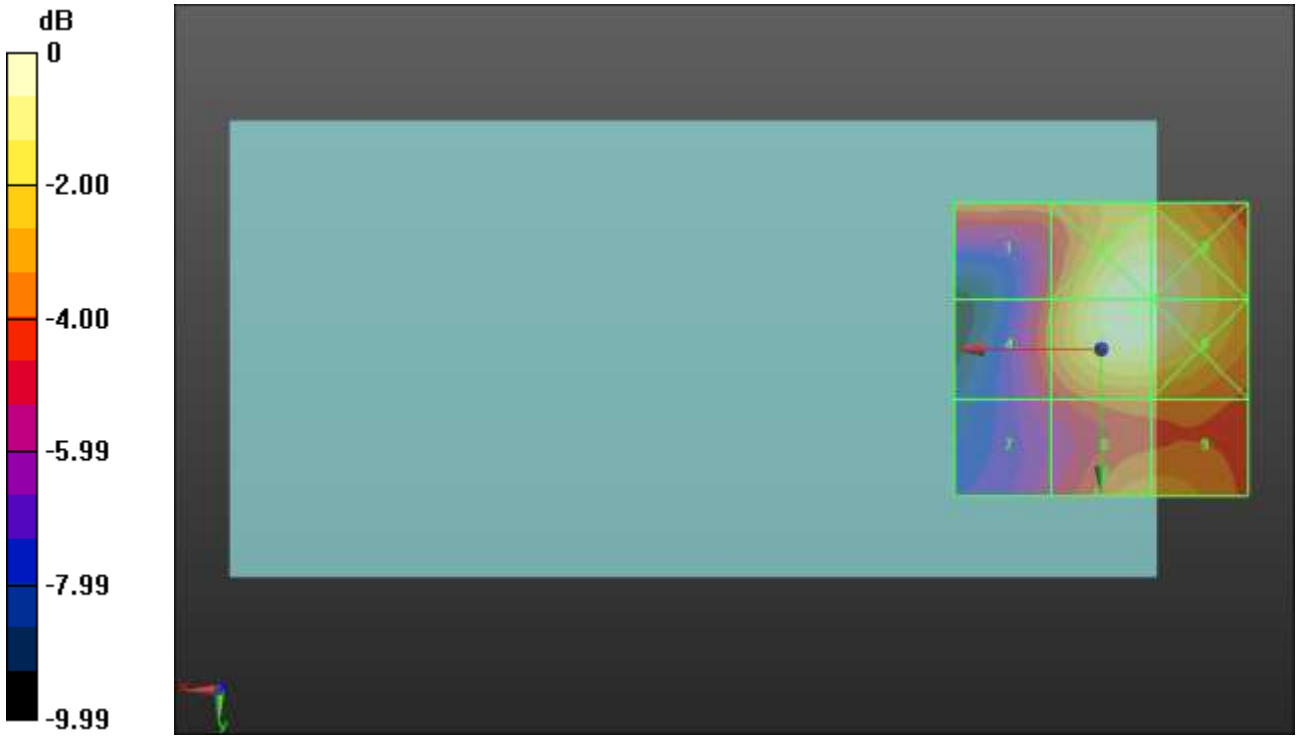
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_ch 41490/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 53.68 V/m; Power Drift = -0.09 dB
Applied MIF = -1.44 dB
RF audio interference level = 30.10 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **26.8 dBV/m**	Grid 2 **M3** **30.06 dBV/m**	Grid 3 **M4** **29.97 dBV/m**
Grid 4 **M4** **26.57 dBV/m**	Grid 5 **M3** **30.1 dBV/m**	Grid 6 **M4** **29.99 dBV/m**
Grid 7 **M4** **25.05 dBV/m**	Grid 8 **M4** **27.21 dBV/m**	Grid 9 **M4** **27.21 dBV/m**



0 dB = 31.97 V/m = 30.09 dBV/m

HAC-RF Emission ANT 3

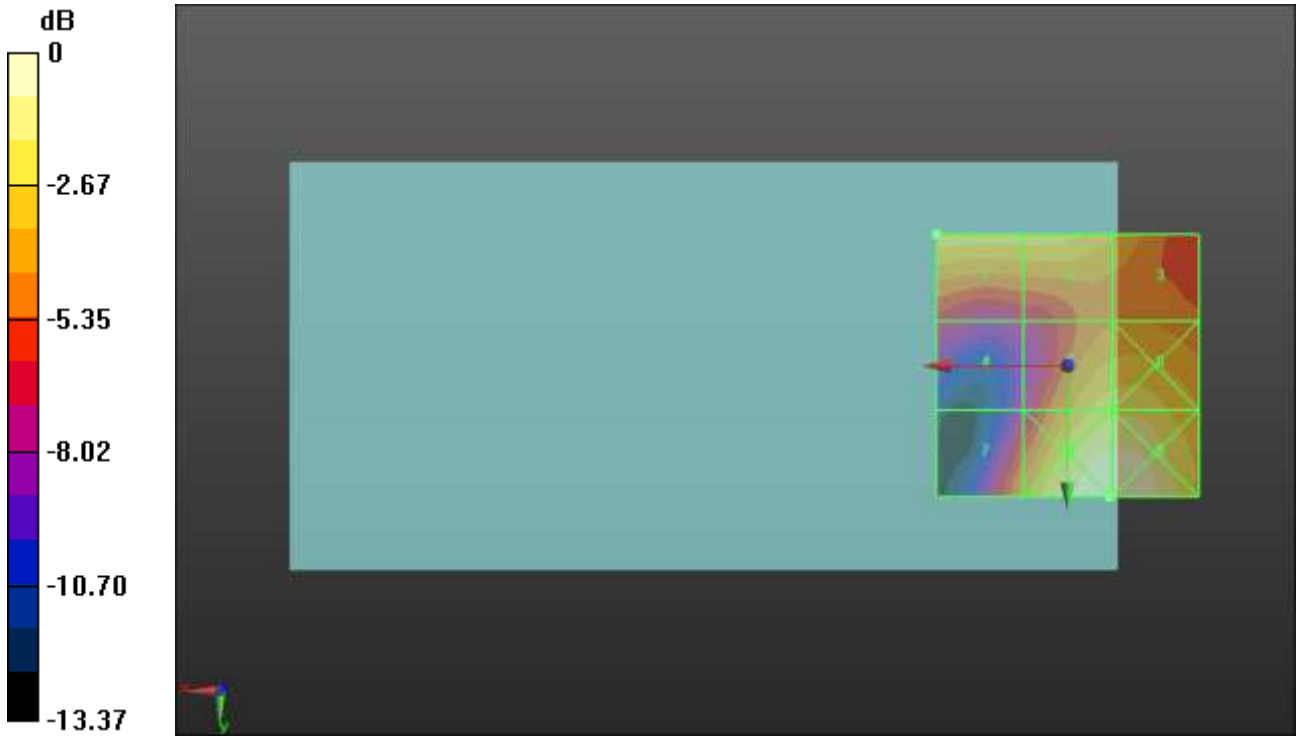
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

GSM1900 E-Field measurement/Voice_ch 512/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 13.45 V/m; Power Drift = 0.12 dB
Applied MIF = 3.63 dB
RF audio interference level = 27.30 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.3 dBV/m**	Grid 2 **M4** **27.16 dBV/m**	Grid 3 **M4** **25.86 dBV/m**
Grid 4 **M4** **22.84 dBV/m**	Grid 5 **M4** **27.27 dBV/m**	Grid 6 **M4** **27.4 dBV/m**
Grid 7 **M4** **25.4 dBV/m**	Grid 8 **M4** **29.33 dBV/m**	Grid 9 **M4** **29.33 dBV/m**



0 dB = 29.28 V/m = 29.33 dBV/m

HAC-RF Emission ANT 3

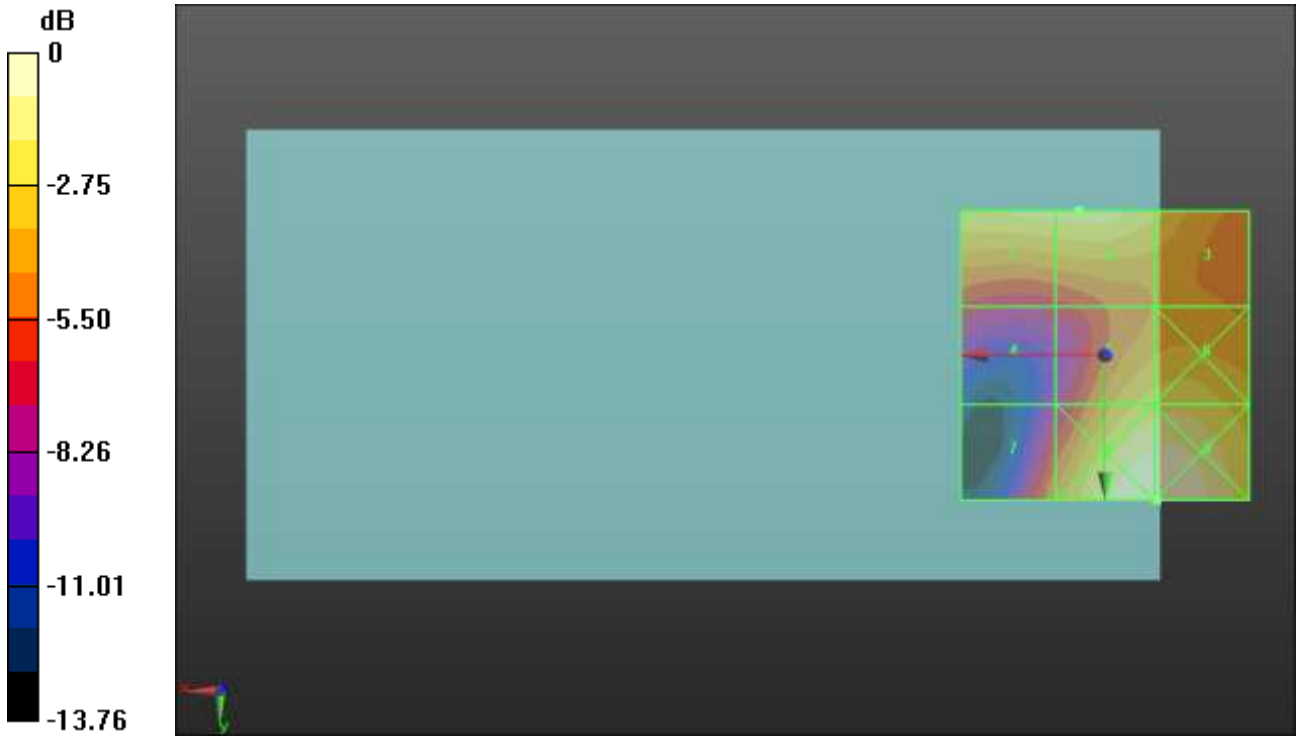
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 12.72 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 27.96 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.82 dBV/m**	Grid 2 **M4** **27.96 dBV/m**	Grid 3 **M4** **26.8 dBV/m**
Grid 4 **M4** **22.85 dBV/m**	Grid 5 **M4** **26.95 dBV/m**	Grid 6 **M4** **27.15 dBV/m**
Grid 7 **M4** **24.94 dBV/m**	Grid 8 **M4** **29.18 dBV/m**	Grid 9 **M4** **29.18 dBV/m**



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

HAC-RF Emission ANT 3

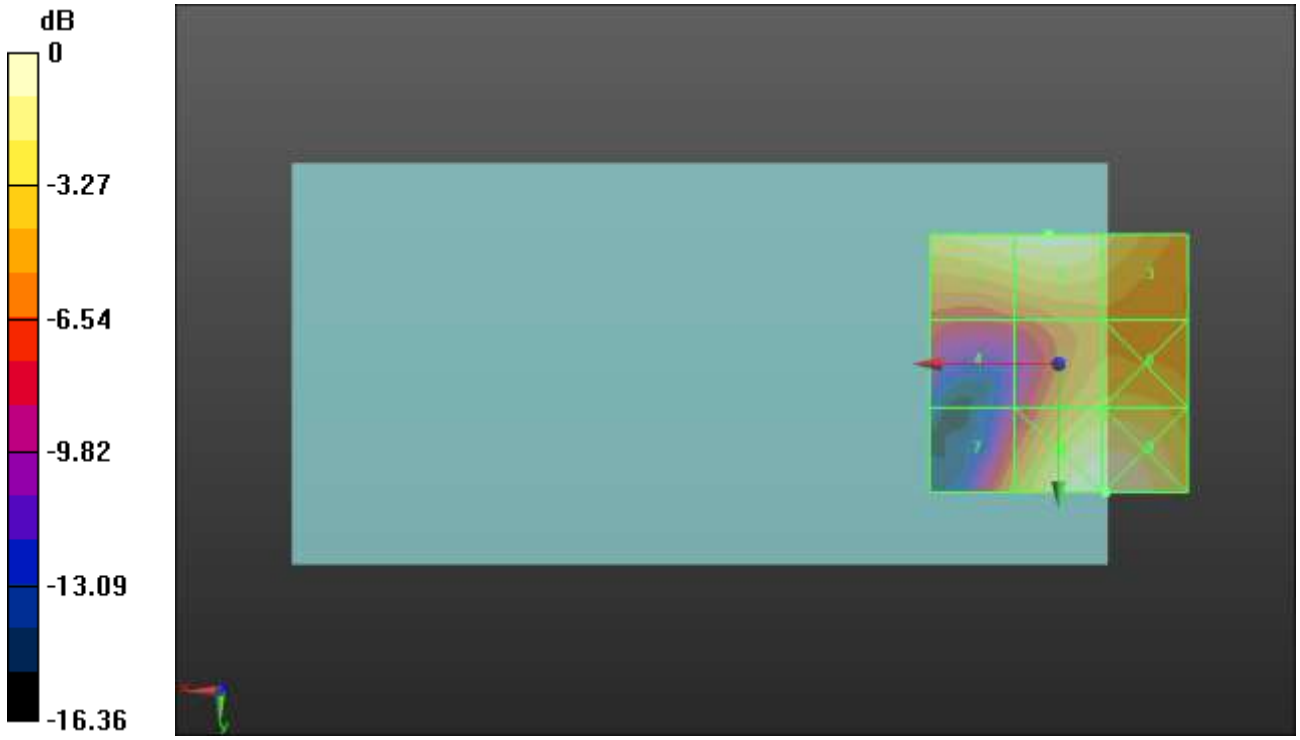
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 11.39 V/m; Power Drift = 0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.23 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.92 dBV/m**	Grid 2 **M4** **28.23 dBV/m**	Grid 3 **M4** **27.21 dBV/m**
Grid 4 **M4** **21.88 dBV/m**	Grid 5 **M4** **25.9 dBV/m**	Grid 6 **M4** **26.11 dBV/m**
Grid 7 **M4** **24.29 dBV/m**	Grid 8 **M4** **28.74 dBV/m**	Grid 9 **M4** **28.74 dBV/m**



0 dB = 27.36 V/m = 28.74 dBV/m

HAC-RF Emission ANT 3

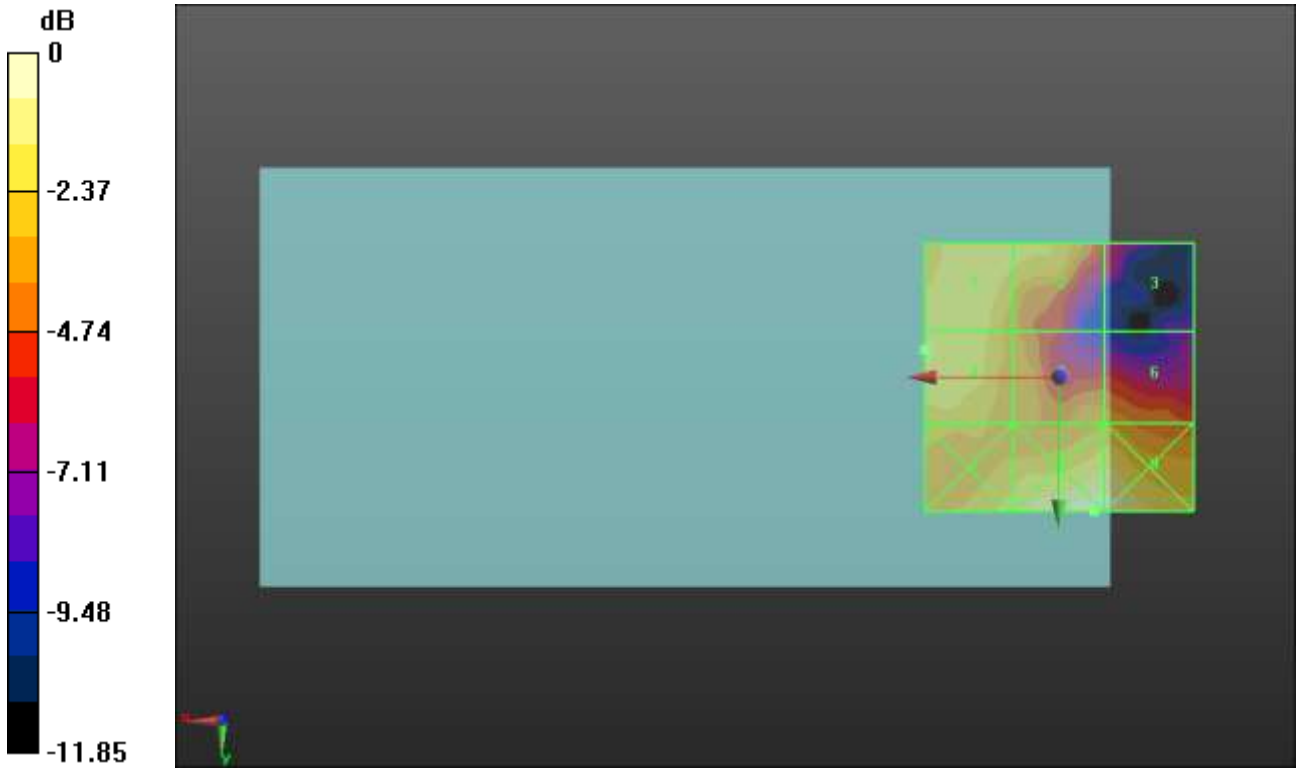
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 8.129 V/m; Power Drift = 0.06 dB
Applied MIF = -1.44 dB
RF audio interference level = 15.39 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.01 dBV/m**	Grid 2 **M4** **14.67 dBV/m**	Grid 3 **M4** **11.12 dBV/m**
Grid 4 **M4** **15.39 dBV/m**	Grid 5 **M4** **13.48 dBV/m**	Grid 6 **M4** **13.48 dBV/m**
Grid 7 **M4** **14.84 dBV/m**	Grid 8 **M4** **16.77 dBV/m**	Grid 9 **M4** **16.63 dBV/m**



0 dB = 6.892 V/m = 16.77 dBV/m

HAC-RF Emission ANT 3

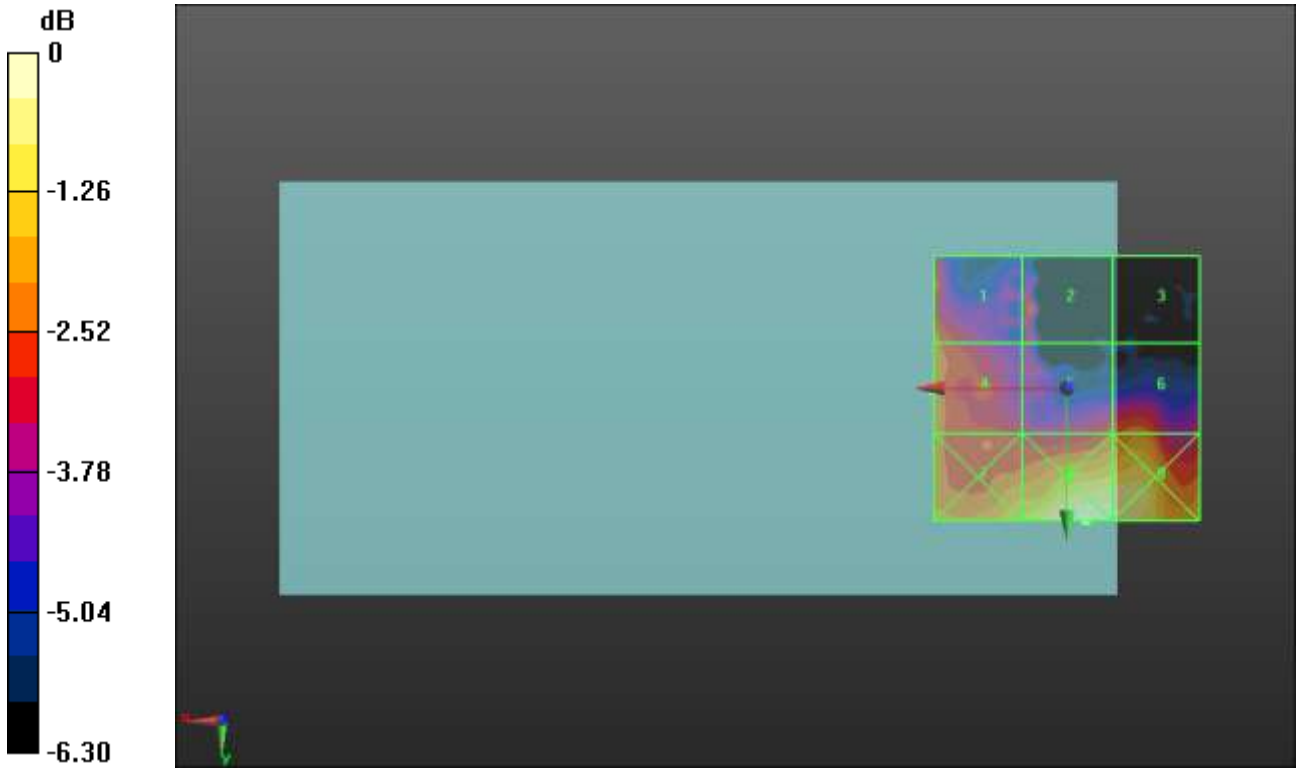
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_ch 40185/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 9.029 V/m; Power Drift = 0.09 dB
Applied MIF = -1.44 dB
RF audio interference level = 14.54 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.35 dBV/m**	Grid 2 **M4** **14.19 dBV/m**	Grid 3 **M4** **12.94 dBV/m**
Grid 4 **M4** **14.54 dBV/m**	Grid 5 **M4** **14.01 dBV/m**	Grid 6 **M4** **14.43 dBV/m**
Grid 7 **M4** **15.55 dBV/m**	Grid 8 **M4** **16.62 dBV/m**	Grid 9 **M4** **16.32 dBV/m**



0 dB = 6.779 V/m = 16.62 dBV/m

HAC-RF Emission ANT 3

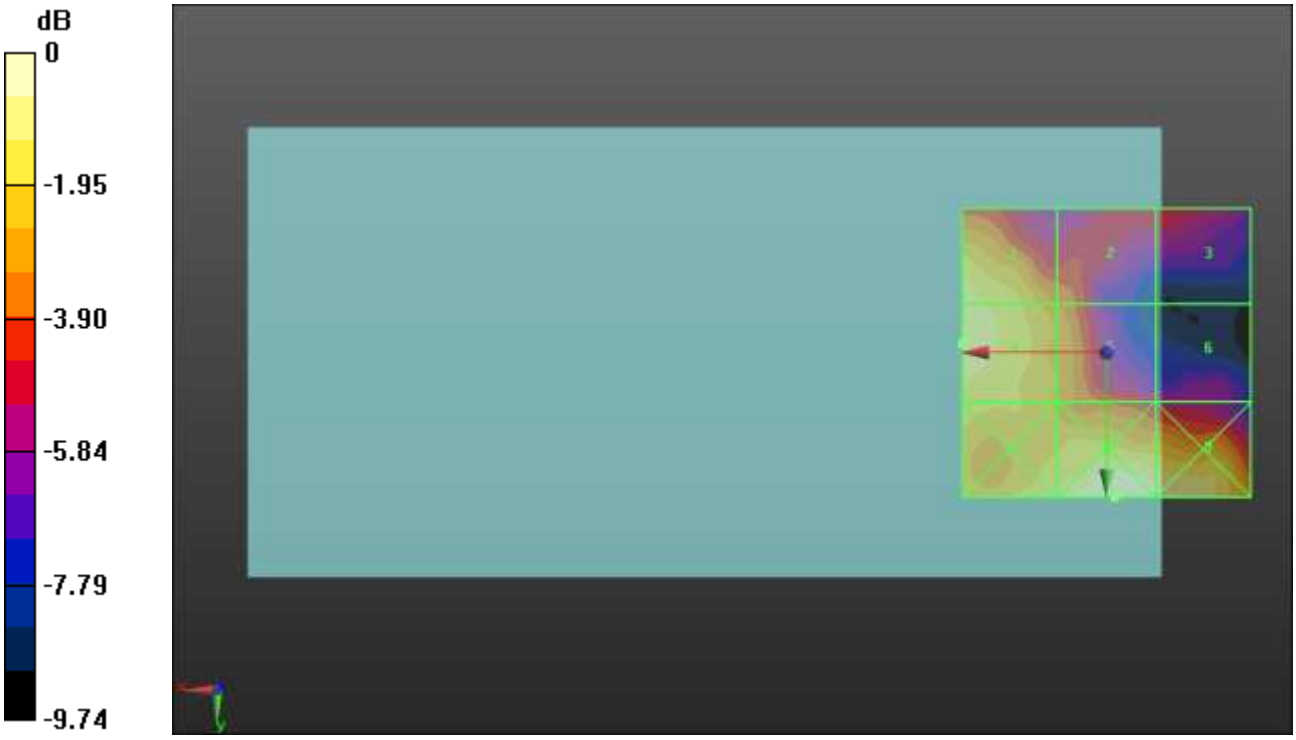
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 5.324 V/m; Power Drift = -0.08 dB
Applied MIF = -1.44 dB
RF audio interference level = 15.80 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.45 dBV/m**	Grid 2 **M4** **13.07 dBV/m**	Grid 3 **M4** **11.68 dBV/m**
Grid 4 **M4** **15.8 dBV/m**	Grid 5 **M4** **13.68 dBV/m**	Grid 6 **M4** **11.03 dBV/m**
Grid 7 **M4** **15.36 dBV/m**	Grid 8 **M4** **16.33 dBV/m**	Grid 9 **M4** **15.96 dBV/m**



0 dB = 6.551 V/m = 16.33 dBV/m

HAC-RF Emission ANT 3

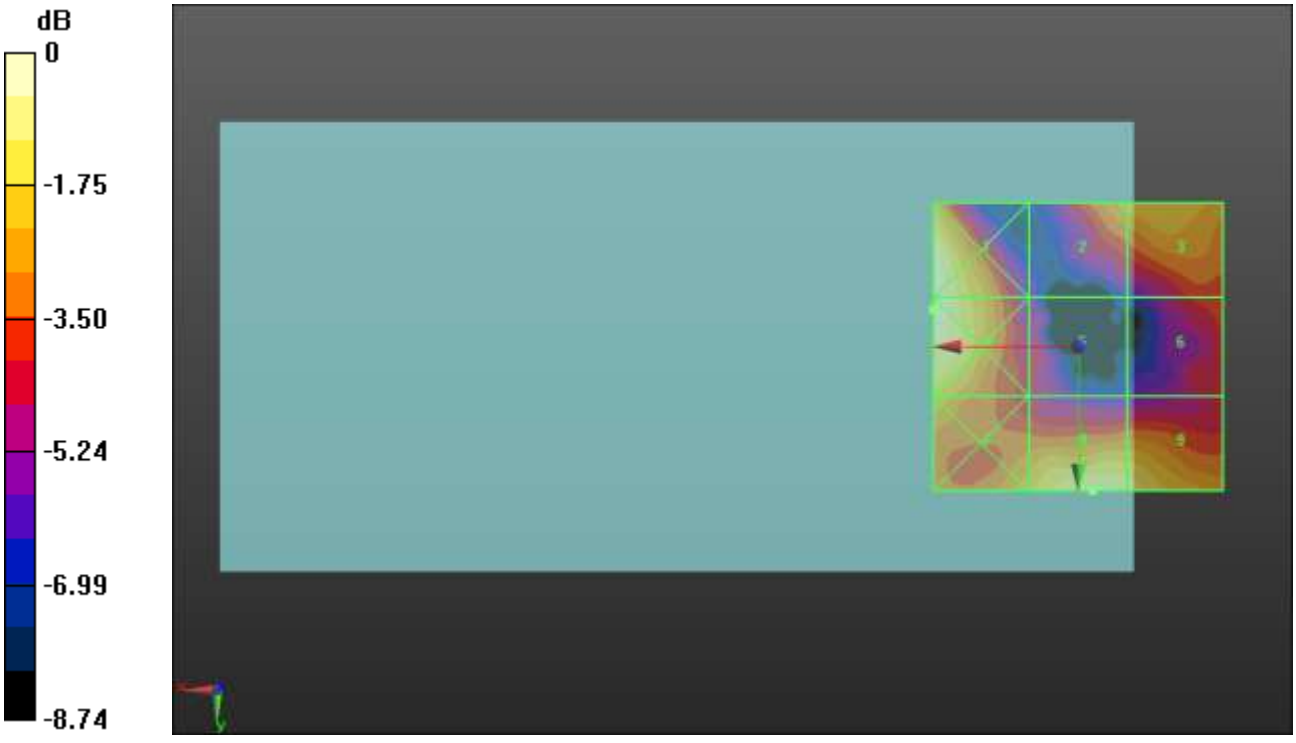
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 3.722 V/m; Power Drift = 0.12 dB
Applied MIF = -1.44 dB
RF audio interference level = 16.49 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.81 dBV/m**	Grid 2 **M4** **14.83 dBV/m**	Grid 3 **M4** **15.07 dBV/m**
Grid 4 **M4** **16.84 dBV/m**	Grid 5 **M4** **12.41 dBV/m**	Grid 6 **M4** **13.04 dBV/m**
Grid 7 **M4** **15.14 dBV/m**	Grid 8 **M4** **16.49 dBV/m**	Grid 9 **M4** **16.12 dBV/m**



0 dB = 6.948 V/m = 16.84 dBV/m

HAC-RF Emission ANT 3

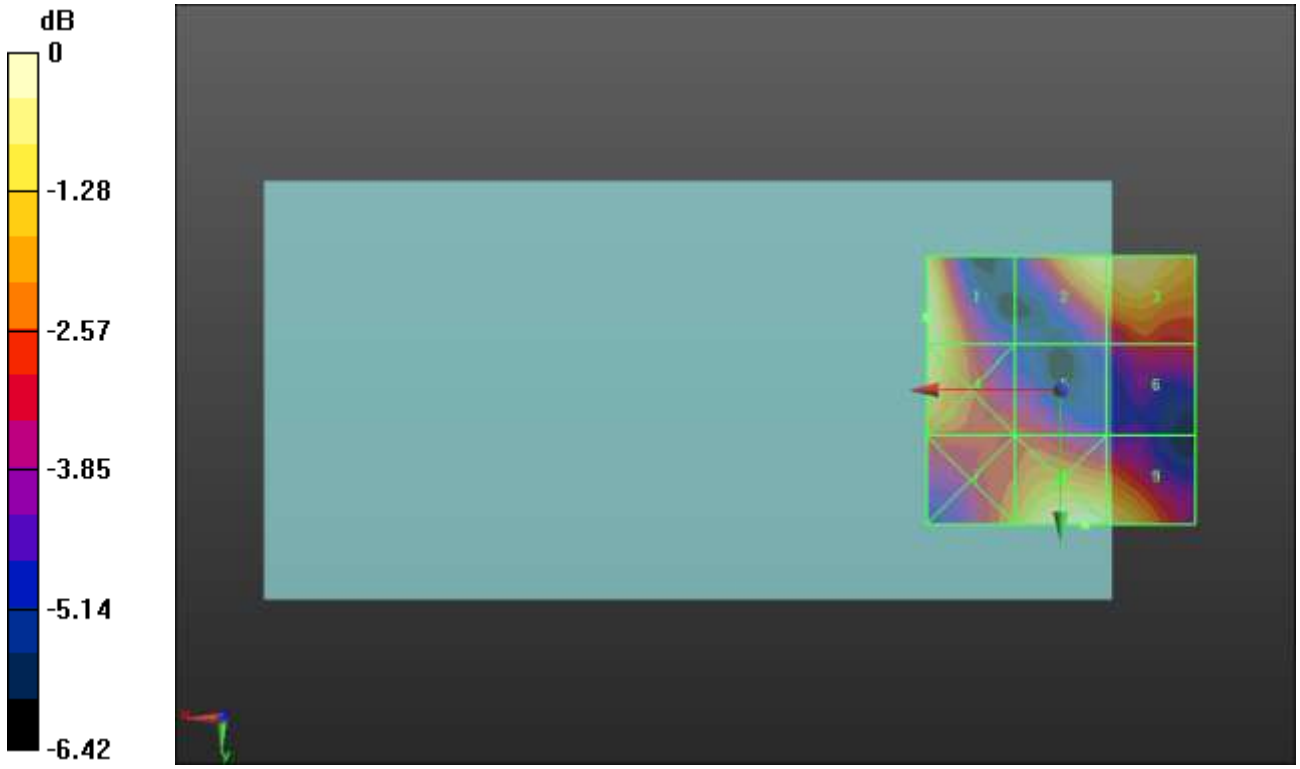
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_ch 41490/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 5.285 V/m; Power Drift = -0.19 dB
Applied MIF = -1.44 dB
RF audio interference level = 17.03 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.03 dBV/m**	Grid 2 **M4** **16.73 dBV/m**	Grid 3 **M4** **16.86 dBV/m**
Grid 4 **M4** **16.9 dBV/m**	Grid 5 **M4** **14.34 dBV/m**	Grid 6 **M4** **14.23 dBV/m**
Grid 7 **M4** **15.47 dBV/m**	Grid 8 **M4** **17.2 dBV/m**	Grid 9 **M4** **16.89 dBV/m**



0 dB = 7.241 V/m = 17.20 dBV/m

HAC-RF Emission ANT 3

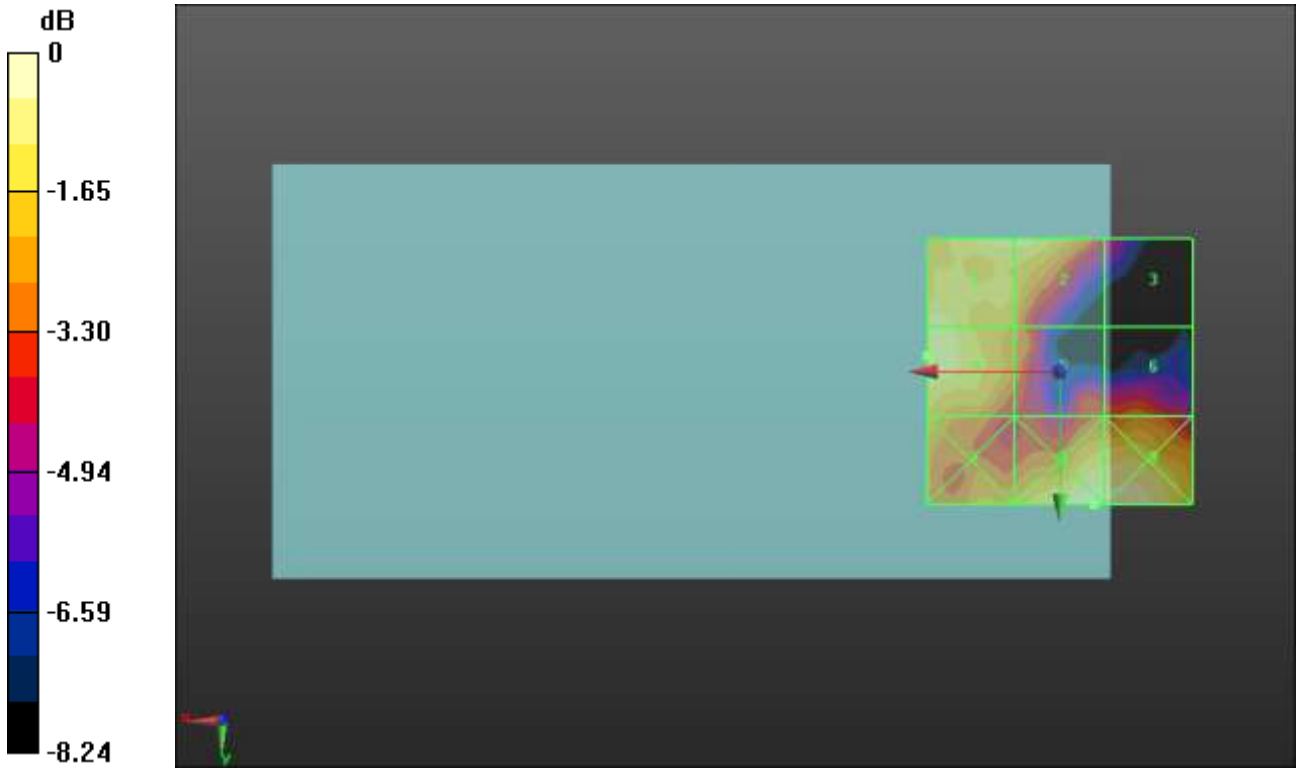
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement 2/LTE TDD_16QAM_RB 1/49_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 = 8.035 V/m; Power Drift = 0.14 dB
Applied MIF = -1.44 dB
RF audio interference level = 15.14 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.97 dBV/m**	Grid 2 **M4** **14.96 dBV/m**	Grid 3 **M4** **11.49 dBV/m**
Grid 4 **M4** **15.14 dBV/m**	Grid 5 **M4** **13.26 dBV/m**	Grid 6 **M4** **12.8 dBV/m**
Grid 7 **M4** **14.03 dBV/m**	Grid 8 **M4** **15.68 dBV/m**	Grid 9 **M4** **15.64 dBV/m**



0 dB = 6.084 V/m = 15.68 dBV/m

HAC-RF Emission ANT 3

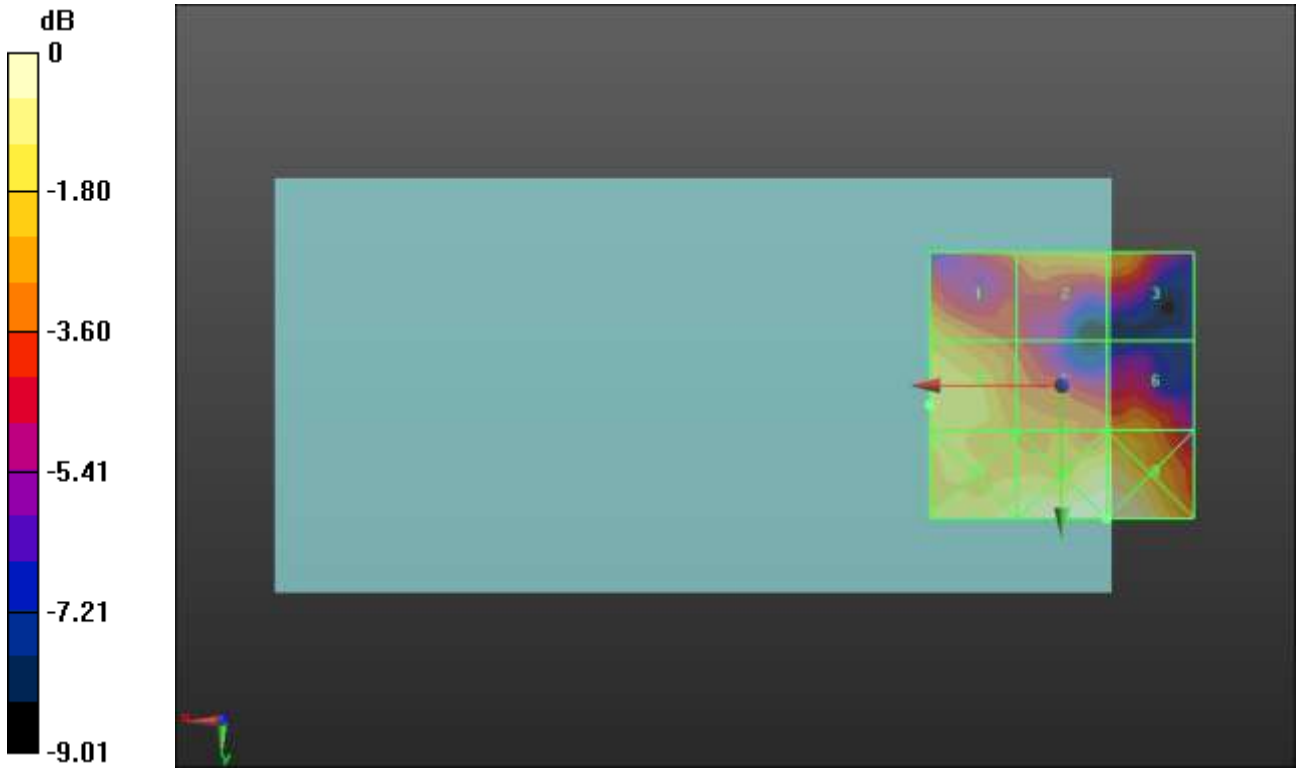
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement 2/LTE TDD_16QAM_RB 1/49_ch 40185/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 9.001 V/m; Power Drift = -0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 15.22 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.55 dBV/m**	Grid 2 **M4** **14.32 dBV/m**	Grid 3 **M4** **14.1 dBV/m**
Grid 4 **M4** **15.22 dBV/m**	Grid 5 **M4** **13.87 dBV/m**	Grid 6 **M4** **13.75 dBV/m**
Grid 7 **M4** **15.46 dBV/m**	Grid 8 **M4** **16.32 dBV/m**	Grid 9 **M4** **16.32 dBV/m**



0 dB = 6.546 V/m = 16.32 dBV/m

HAC-RF Emission ANT 3

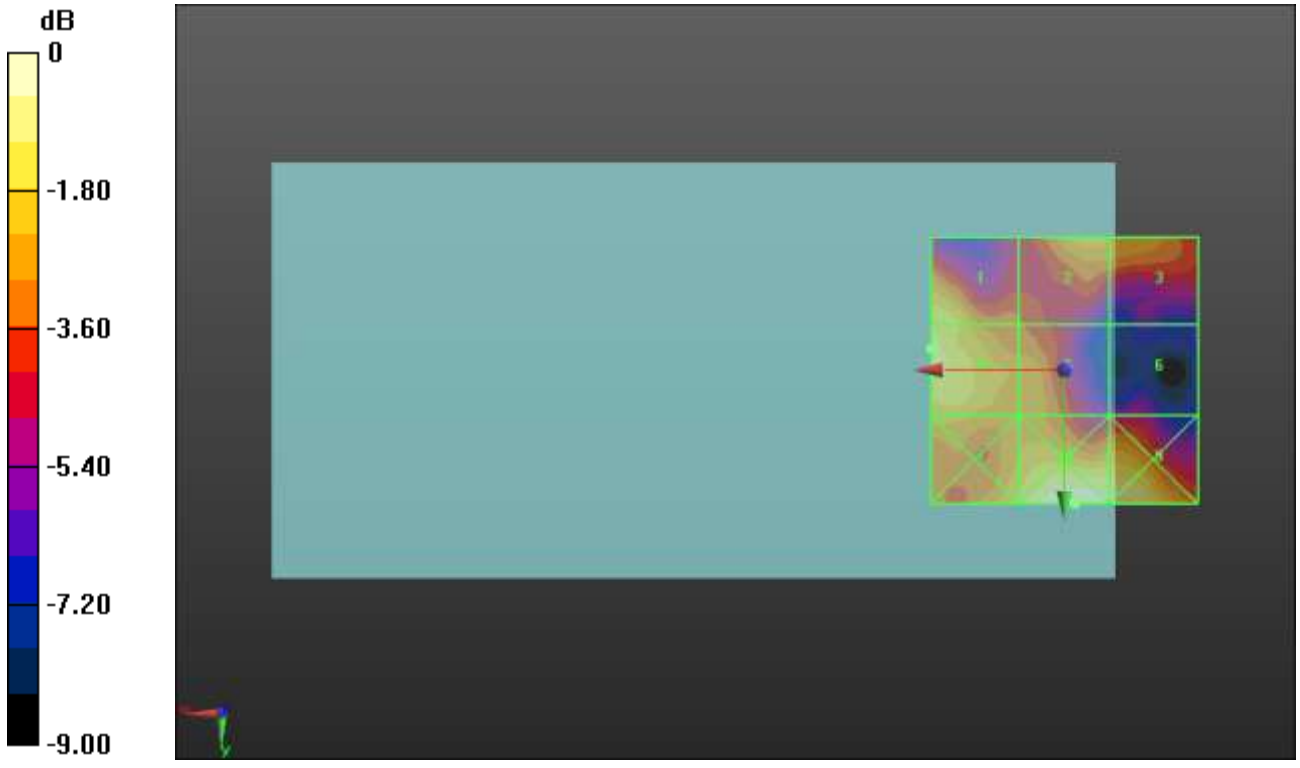
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement 2/LTE TDD_16QAM_RB 1/49_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 = 6.855 V/m; Power Drift = 0.07 dB
Applied MIF = -1.44 dB
RF audio interference level = 15.87 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.6 dBV/m**	Grid 2 **M4** **14.82 dBV/m**	Grid 3 **M4** **14.46 dBV/m**
Grid 4 **M4** **15.87 dBV/m**	Grid 5 **M4** **14.4 dBV/m**	Grid 6 **M4** **11.8 dBV/m**
Grid 7 **M4** **15.44 dBV/m**	Grid 8 **M4** **16.89 dBV/m**	Grid 9 **M4** **16.5 dBV/m**



0 dB = 6.994 V/m = 16.89 dBV/m

HAC-RF Emission ANT 3

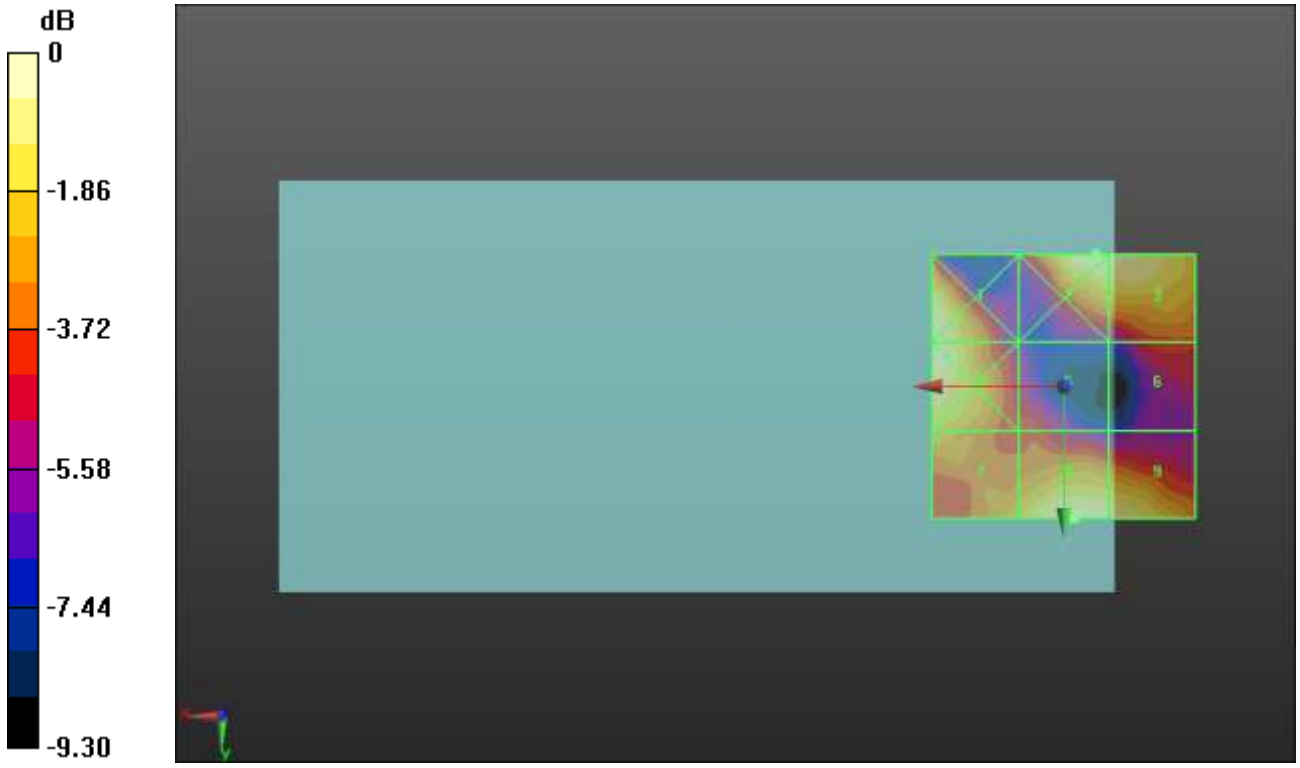
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement 2/LTE TDD_16QAM_RB 1/49_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 = 5.099 V/m; Power Drift = 0.11 dB
Applied MIF = -1.44 dB
RF audio interference level = 16.64 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.65 dBV/m**	Grid 2 **M4** **16.86 dBV/m**	Grid 3 **M4** **16.48 dBV/m**
Grid 4 **M4** **16.67 dBV/m**	Grid 5 **M4** **12.83 dBV/m**	Grid 6 **M4** **13.01 dBV/m**
Grid 7 **M4** **15.02 dBV/m**	Grid 8 **M4** **16.64 dBV/m**	Grid 9 **M4** **16.33 dBV/m**



0 dB = 6.965 V/m = 16.86 dBV/m

HAC-RF Emission ANT 3

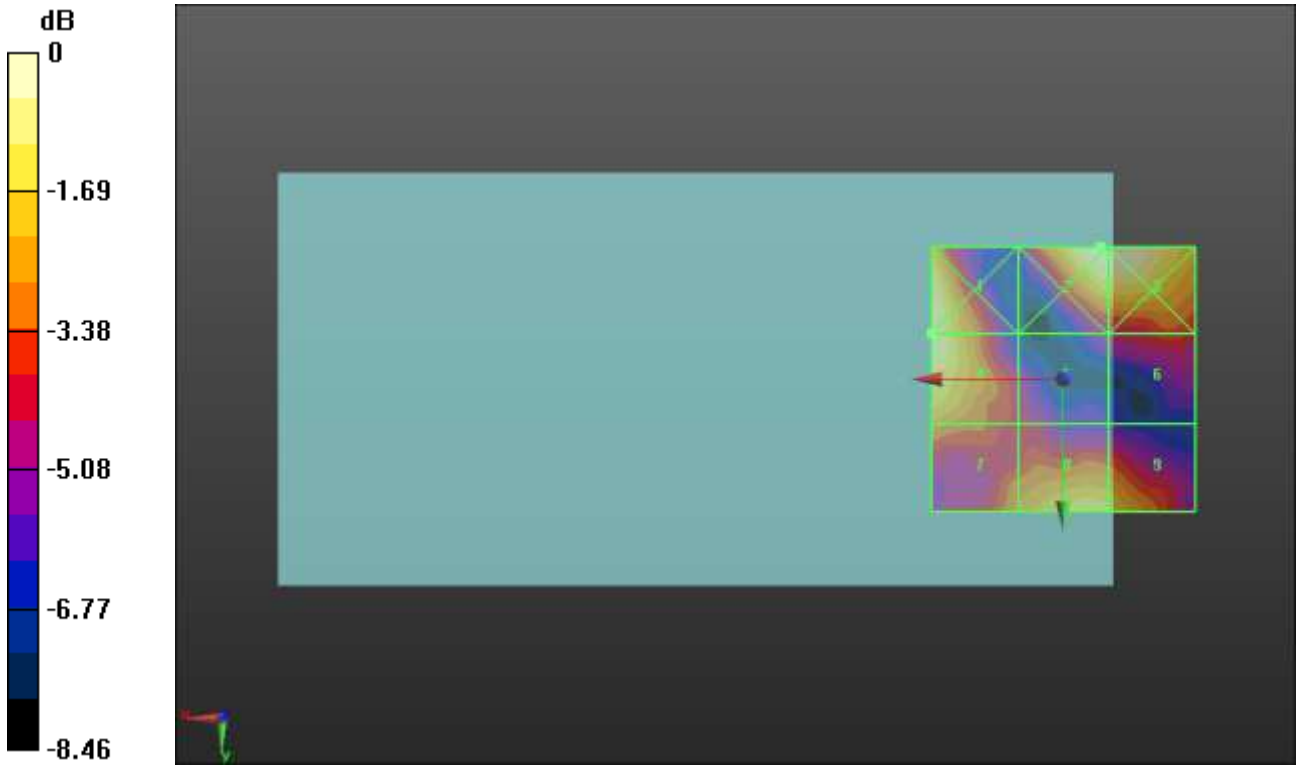
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement 2/LTE TDD_16QAM_RB 1/49_ch 41490/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 5.414 V/m; Power Drift = -0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 17.70 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.71 dBV/m**	Grid 2 **M4** **17.87 dBV/m**	Grid 3 **M4** **17.86 dBV/m**
Grid 4 **M4** **17.7 dBV/m**	Grid 5 **M4** **13.66 dBV/m**	Grid 6 **M4** **14.24 dBV/m**
Grid 7 **M4** **15.52 dBV/m**	Grid 8 **M4** **16.75 dBV/m**	Grid 9 **M4** **16.34 dBV/m**



0 dB = 7.825 V/m = 17.87 dBV/m

HAC-RF Emission ANT 3

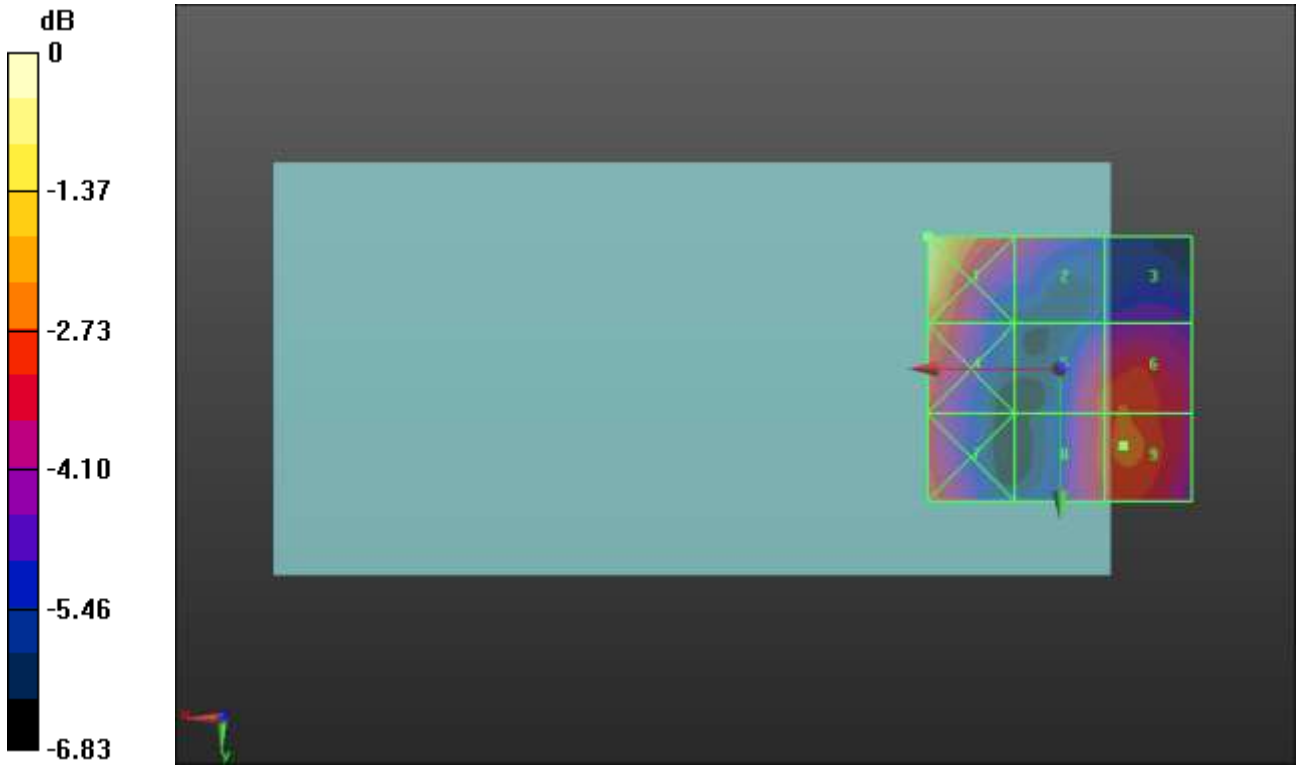
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2417 MHz; Duty Cycle: 1:2.29087
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 10.13 V/m; Power Drift = -0.20 dB
Applied MIF = -2.02 dB
RF audio interference level = 17.16 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.73 dBV/m**	Grid 2 **M4** **16.37 dBV/m**	Grid 3 **M4** **15.25 dBV/m**
Grid 4 **M4** **17.13 dBV/m**	Grid 5 **M4** **16.77 dBV/m**	Grid 6 **M4** **17.05 dBV/m**
Grid 7 **M4** **17.04 dBV/m**	Grid 8 **M4** **16.81 dBV/m**	Grid 9 **M4** **17.16 dBV/m**



0 dB = 9.698 V/m = 19.73 dBV/m

HAC-RF Emission ANT 3

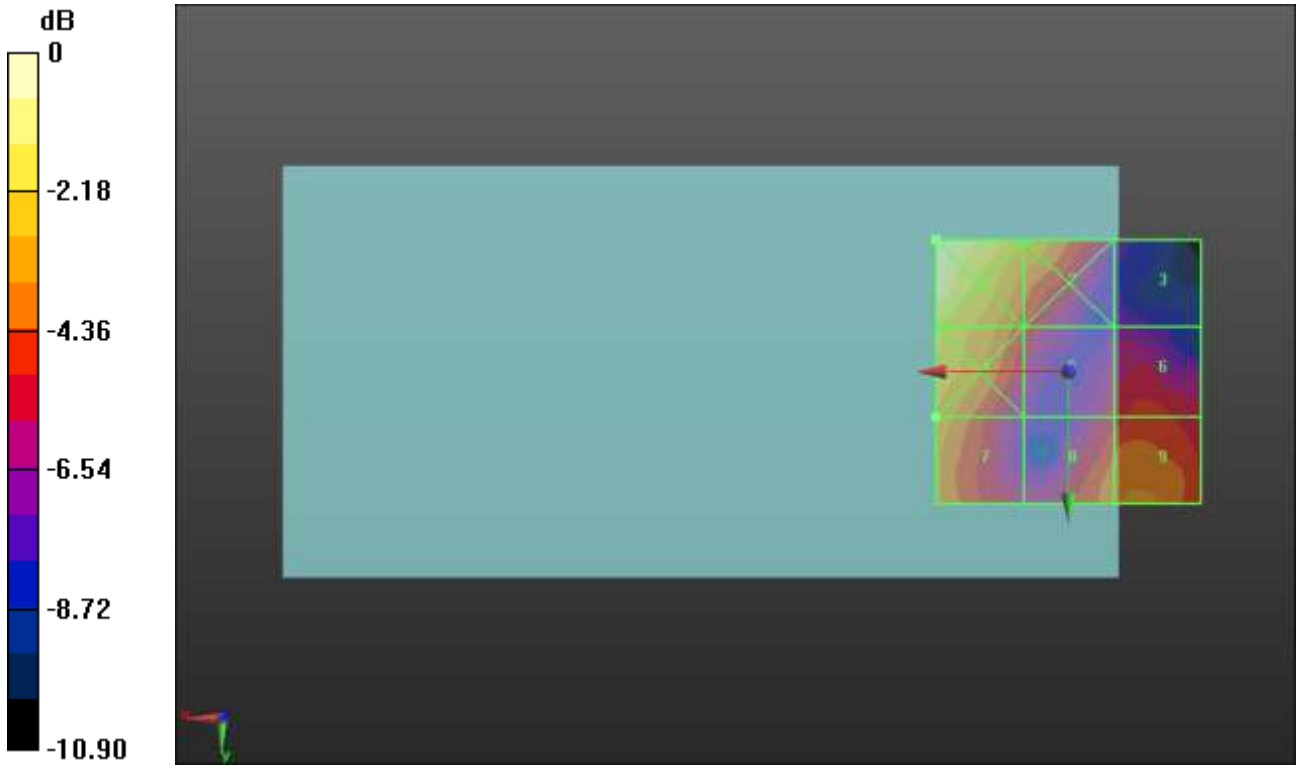
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29087
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 8.978 V/m; Power Drift = -0.34 dB
Applied MIF = -2.02 dB
RF audio interference level = 17.37 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.41 dBV/m**	Grid 2 **M4** **17.82 dBV/m**	Grid 3 **M4** **13.33 dBV/m**
Grid 4 **M4** **18.37 dBV/m**	Grid 5 **M4** **15.58 dBV/m**	Grid 6 **M4** **15.67 dBV/m**
Grid 7 **M4** **17.37 dBV/m**	Grid 8 **M4** **16.58 dBV/m**	Grid 9 **M4** **16.98 dBV/m**



0 dB = 10.48 V/m = 20.41 dBV/m

HAC-RF Emission ANT 3

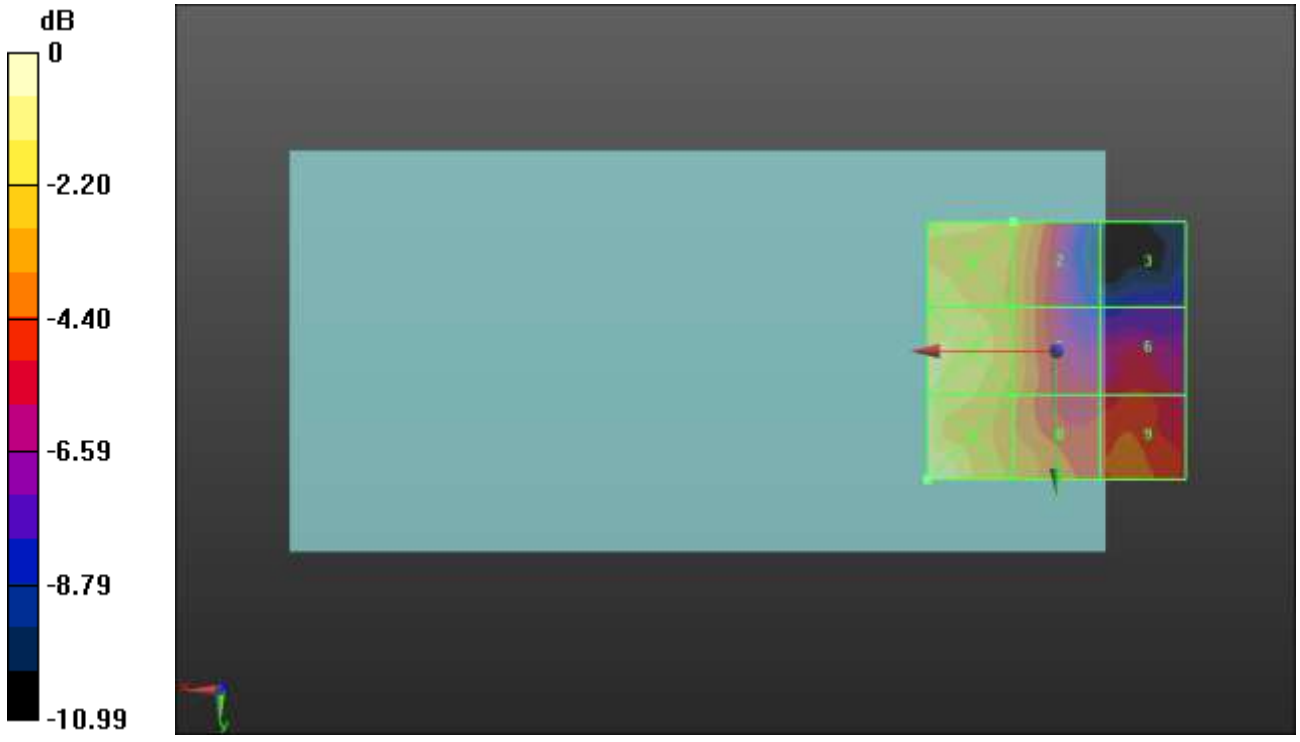
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:2.29087
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 11.91 V/m; Power Drift = -2.71 dB
Applied MIF = -2.02 dB
RF audio interference level = 17.11 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.11 dBV/m**	Grid 2 **M4** **17.11 dBV/m**	Grid 3 **M4** **11.99 dBV/m**
Grid 4 **M4** **18.58 dBV/m**	Grid 5 **M4** **16.73 dBV/m**	Grid 6 **M4** **14.86 dBV/m**
Grid 7 **M4** **19.73 dBV/m**	Grid 8 **M4** **16.62 dBV/m**	Grid 9 **M4** **15.69 dBV/m**



0 dB = 9.698 V/m = 19.73 dBV/m

HAC-RF Emission ANT 3

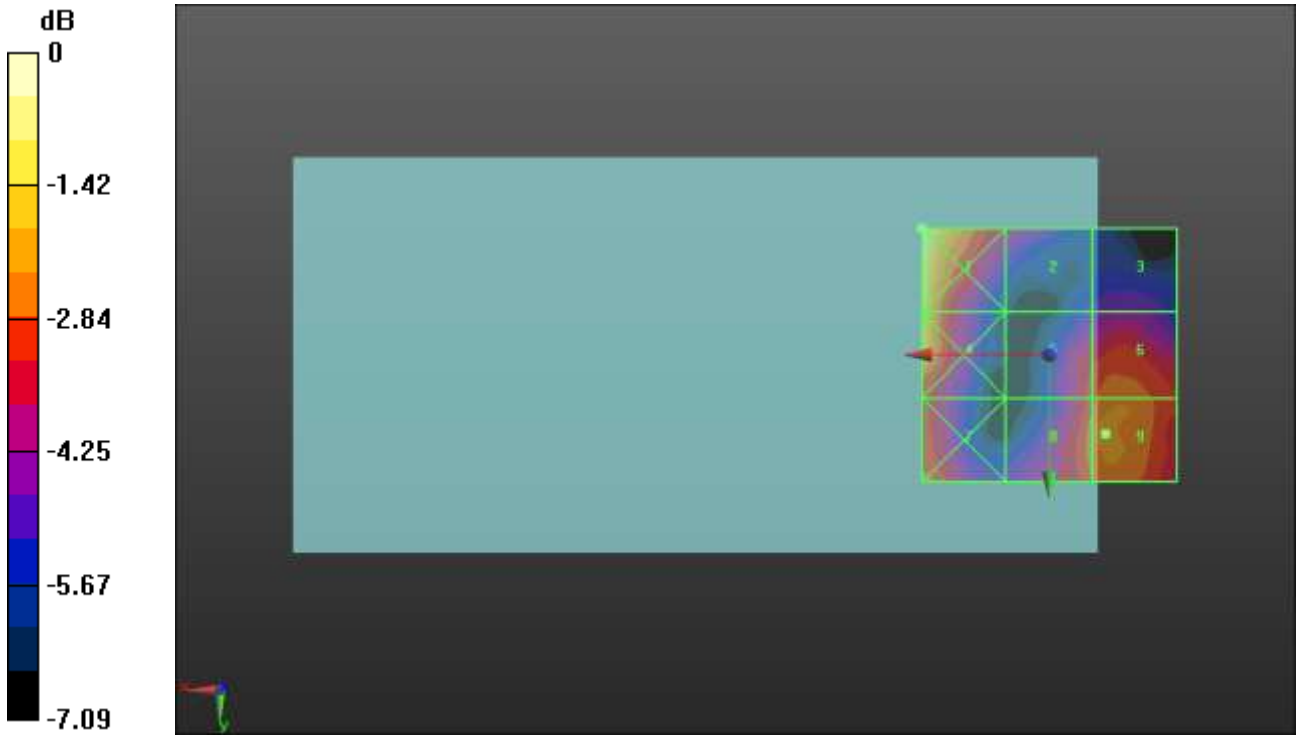
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2422 MHz; Duty Cycle: 1:12.5893
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11b 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 = 9.221 V/m; Power Drift = -0.50 dB
Applied MIF = 0.12 dB
RF audio interference level = 18.91 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.01 dBV/m**	Grid 2 **M4** **17.17 dBV/m**	Grid 3 **M4** **16.43 dBV/m**
Grid 4 **M4** **20.27 dBV/m**	Grid 5 **M4** **18.03 dBV/m**	Grid 6 **M4** **18.57 dBV/m**
Grid 7 **M4** **18.47 dBV/m**	Grid 8 **M4** **18.52 dBV/m**	Grid 9 **M4** **18.91 dBV/m**



0 dB = 11.23 V/m = 21.01 dBV/m

HAC-RF Emission ANT 3

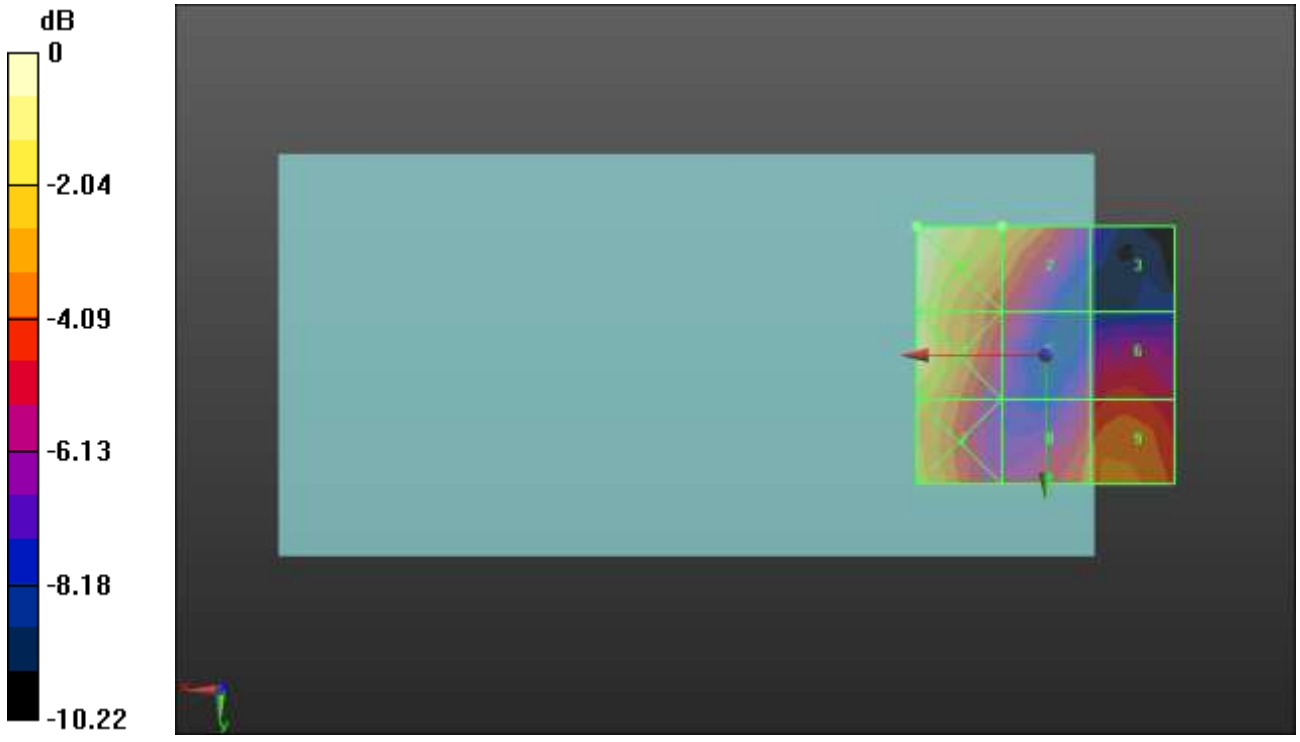
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5893
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11b 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 = 7.772 V/m; Power Drift = -0.51 dB
Applied MIF = 0.12 dB
RF audio interference level = 18.53 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.19 dBV/m**	Grid 2 **M4** **18.53 dBV/m**	Grid 3 **M4** **14.57 dBV/m**
Grid 4 **M4** **20.67 dBV/m**	Grid 5 **M4** **16.39 dBV/m**	Grid 6 **M4** **16.78 dBV/m**
Grid 7 **M4** **18.76 dBV/m**	Grid 8 **M4** **17.47 dBV/m**	Grid 9 **M4** **18.12 dBV/m**



0 dB = 11.47 V/m = 21.19 dBV/m

HAC-RF Emission ANT 3

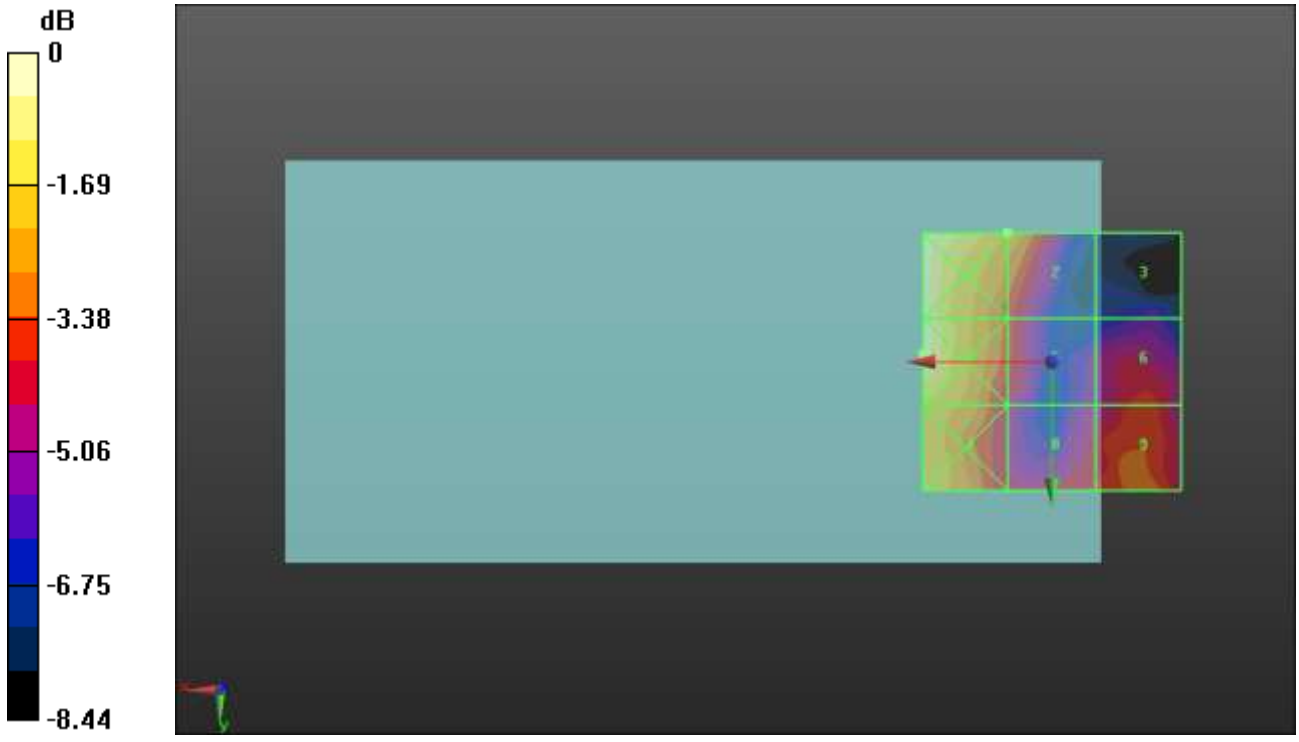
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:12.5893
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11b 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 = 7.308 V/m; Power Drift = -0.42 dB
Applied MIF = 0.12 dB
RF audio interference level = 17.79 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.97 dBV/m**	Grid 2 **M4** **17.79 dBV/m**	Grid 3 **M4** **14.23 dBV/m**
Grid 4 **M4** **20.12 dBV/m**	Grid 5 **M4** **16.47 dBV/m**	Grid 6 **M4** **16.4 dBV/m**
Grid 7 **M4** **18.68 dBV/m**	Grid 8 **M4** **16.33 dBV/m**	Grid 9 **M4** **17.09 dBV/m**



0 dB = 10.13 V/m = 20.11 dBV/m

HAC-RF Emission ANT4

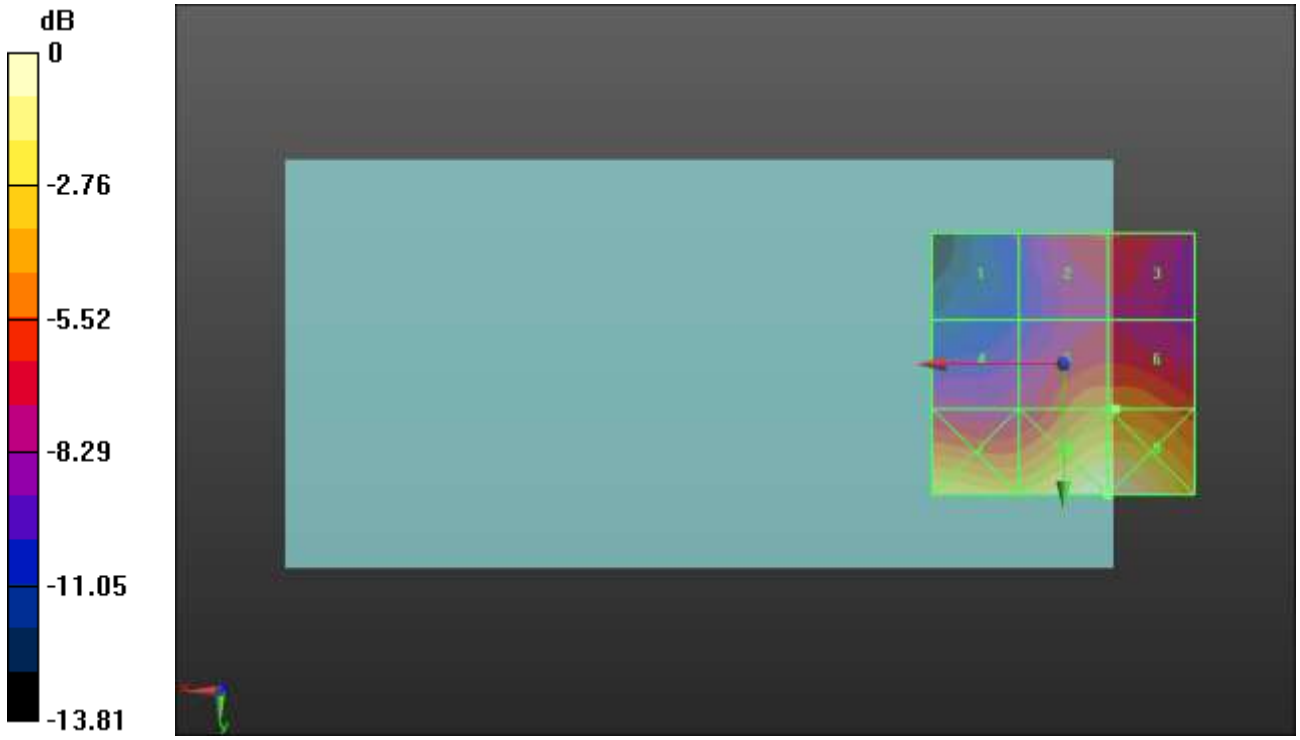
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 12.20 V/m; Power Drift = -0.11 dB
Applied MIF = 3.63 dB
RF audio interference level = 25.36 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.1 dBV/m**	Grid 2 **M4** **23.5 dBV/m**	Grid 3 **M4** **23.46 dBV/m**
Grid 4 **M4** **22.08 dBV/m**	Grid 5 **M4** **25.32 dBV/m**	Grid 6 **M4** **25.36 dBV/m**
Grid 7 **M4** **28.17 dBV/m**	Grid 8 **M4** **29.74 dBV/m**	Grid 9 **M4** **29.74 dBV/m**



0 dB = 30.70 V/m = 29.74 dBV/m

HAC-RF Emission ANT4

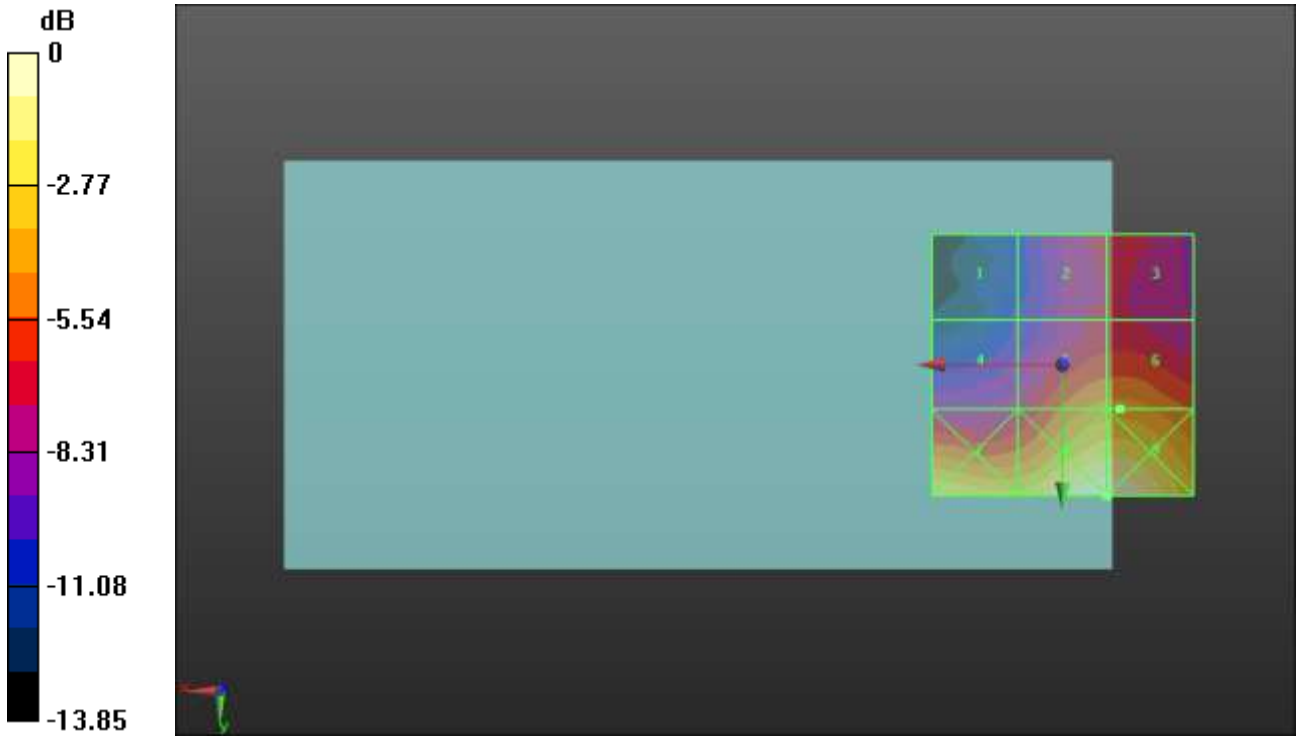
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 11.99 V/m; Power Drift = -0.06 dB
Applied MIF = 3.63 dB
RF audio interference level = 25.35 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.55 dBV/m**	Grid 2 **M4** **22.74 dBV/m**	Grid 3 **M4** **22.8 dBV/m**
Grid 4 **M4** **21.95 dBV/m**	Grid 5 **M4** **25.29 dBV/m**	Grid 6 **M4** **25.35 dBV/m**
Grid 7 **M4** **27.93 dBV/m**	Grid 8 **M4** **29.45 dBV/m**	Grid 9 **M4** **29.45 dBV/m**



0 dB = 29.70 V/m = 29.46 dBV/m

HAC-RF Emission ANT4

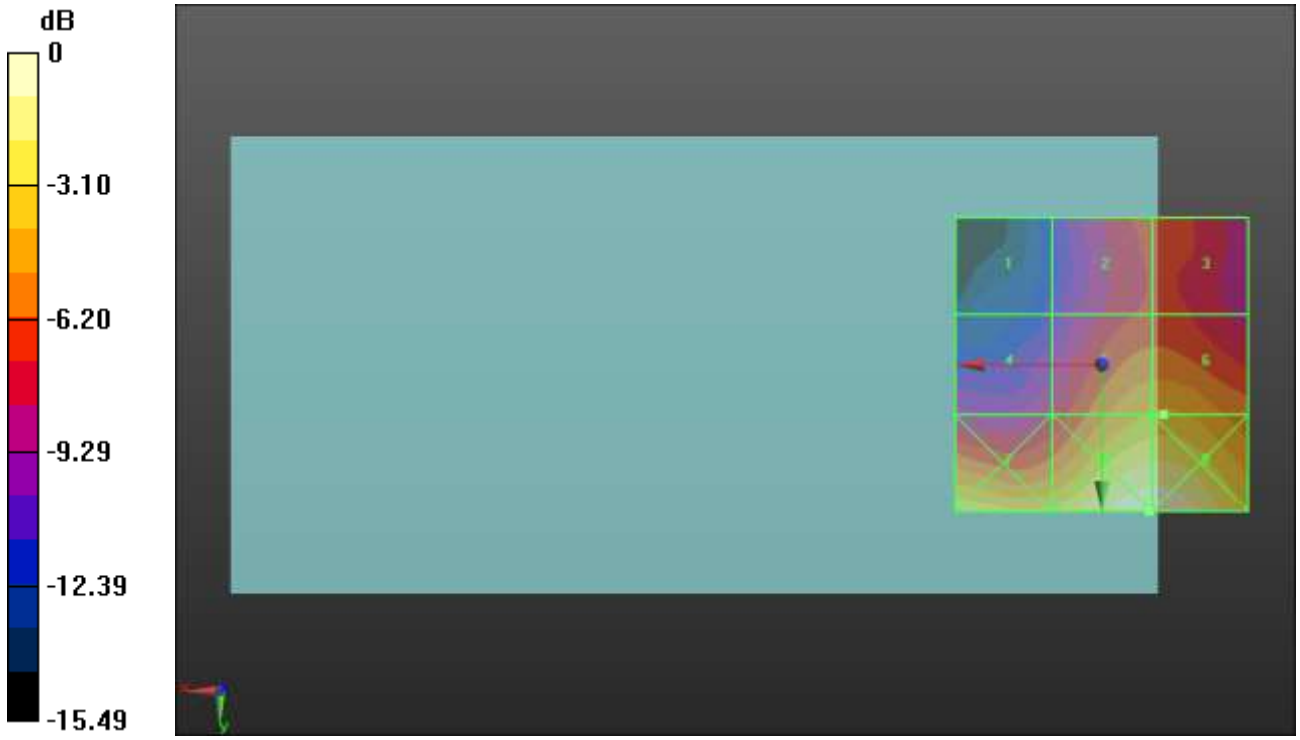
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 13.02 V/m; Power Drift = -0.10 dB
Applied MIF = 3.63 dB
RF audio interference level = 26.12 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.19 dBV/m**	Grid 2 **M4** **23.08 dBV/m**	Grid 3 **M4** **23.11 dBV/m**
Grid 4 **M4** **21.92 dBV/m**	Grid 5 **M4** **26.05 dBV/m**	Grid 6 **M4** **26.12 dBV/m**
Grid 7 **M4** **27.85 dBV/m**	Grid 8 **M3** **30.02 dBV/m**	Grid 9 **M3** **30.02 dBV/m**



0 dB = 31.68 V/m = 30.02 dBV/m

HAC-RF Emission ANT4

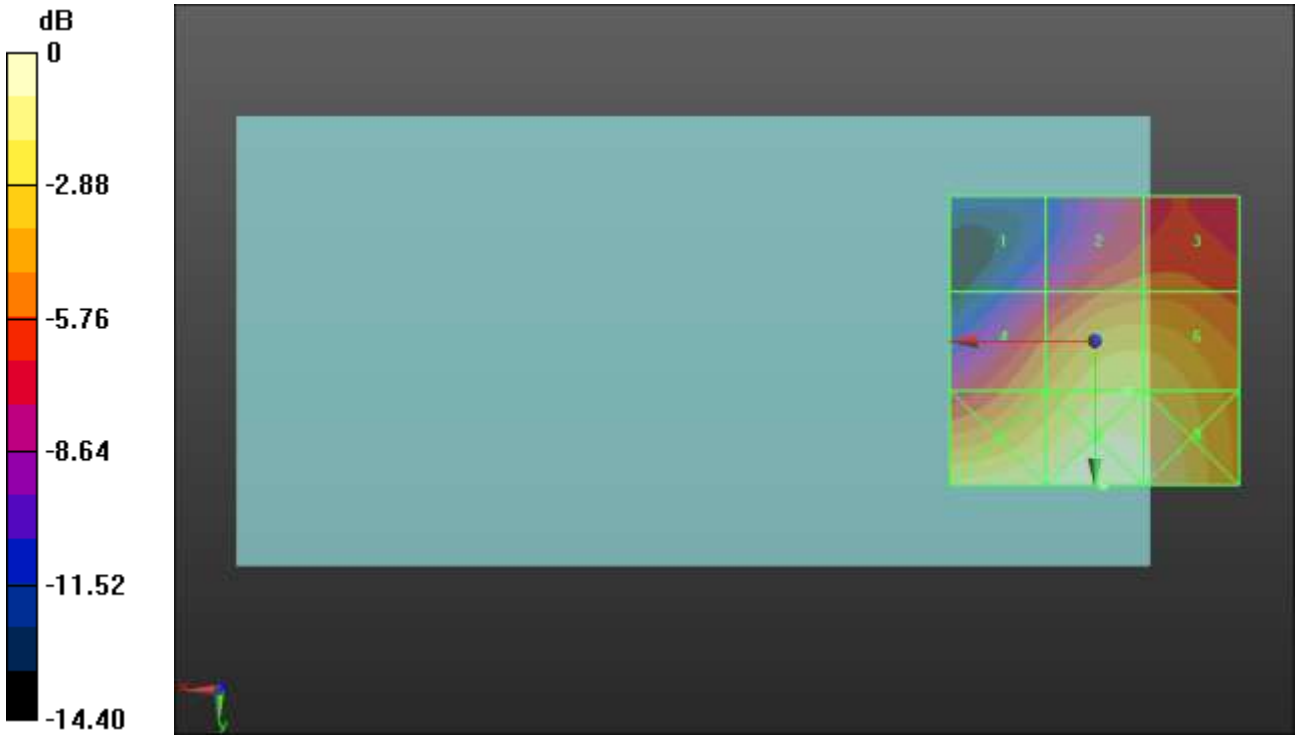
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 30.84 V/m; Power Drift = 0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 27.93 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.49 dBV/m**	Grid 2 **M4** **24.63 dBV/m**	Grid 3 **M4** **24.68 dBV/m**
Grid 4 **M4** **25.92 dBV/m**	Grid 5 **M4** **27.93 dBV/m**	Grid 6 **M4** **27.85 dBV/m**
Grid 7 **M4** **29.15 dBV/m**	Grid 8 **M4** **29.77 dBV/m**	Grid 9 **M4** **29.26 dBV/m**



0 dB = 30.81 V/m = 29.77 dBV/m

HAC-RF Emission ANT4

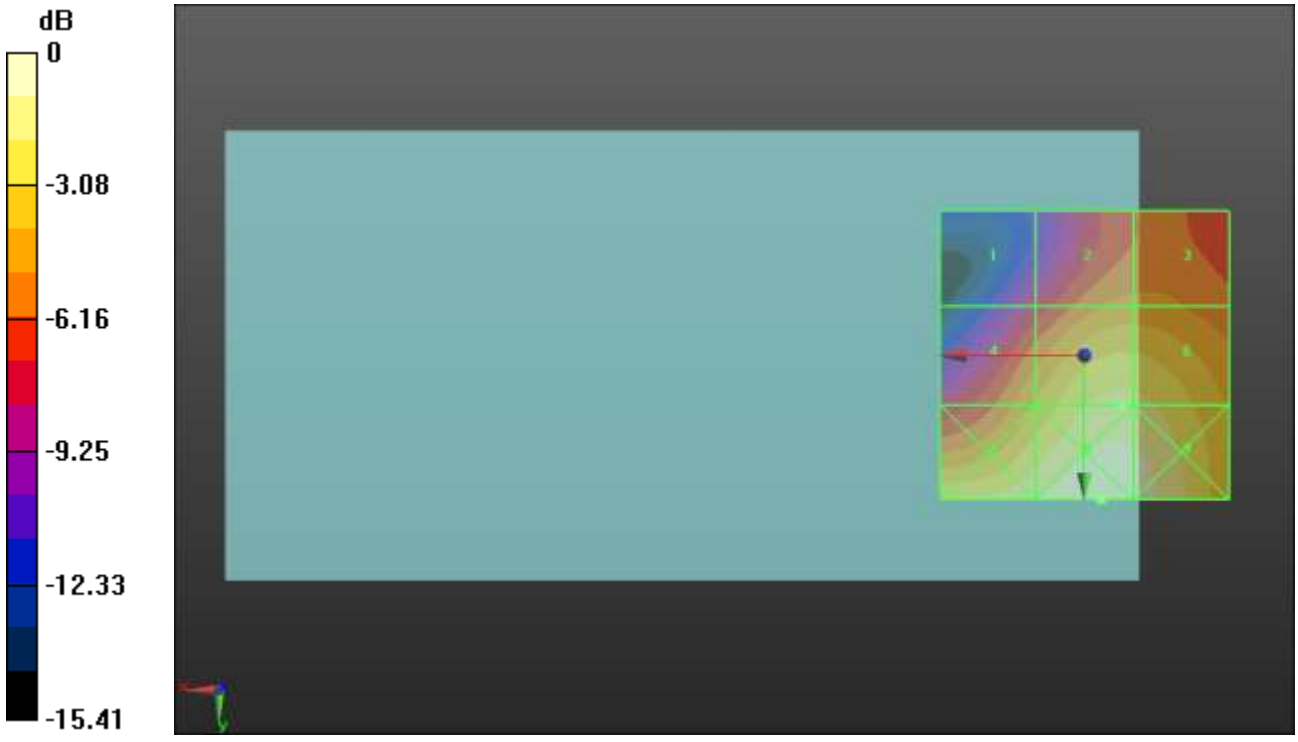
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 37.06 V/m; Power Drift = -0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 29.54 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.3 dBV/m**	Grid 2 **M4** **26.55 dBV/m**	Grid 3 **M4** **26.57 dBV/m**
Grid 4 **M4** **27.27 dBV/m**	Grid 5 **M4** **29.54 dBV/m**	Grid 6 **M4** **29.48 dBV/m**
Grid 7 **M3** **30.31 dBV/m**	Grid 8 **M3** **31.27 dBV/m**	Grid 9 **M3** **30.87 dBV/m**



0 dB = 36.61 V/m = 31.27 dBV/m

HAC-RF Emission ANT4

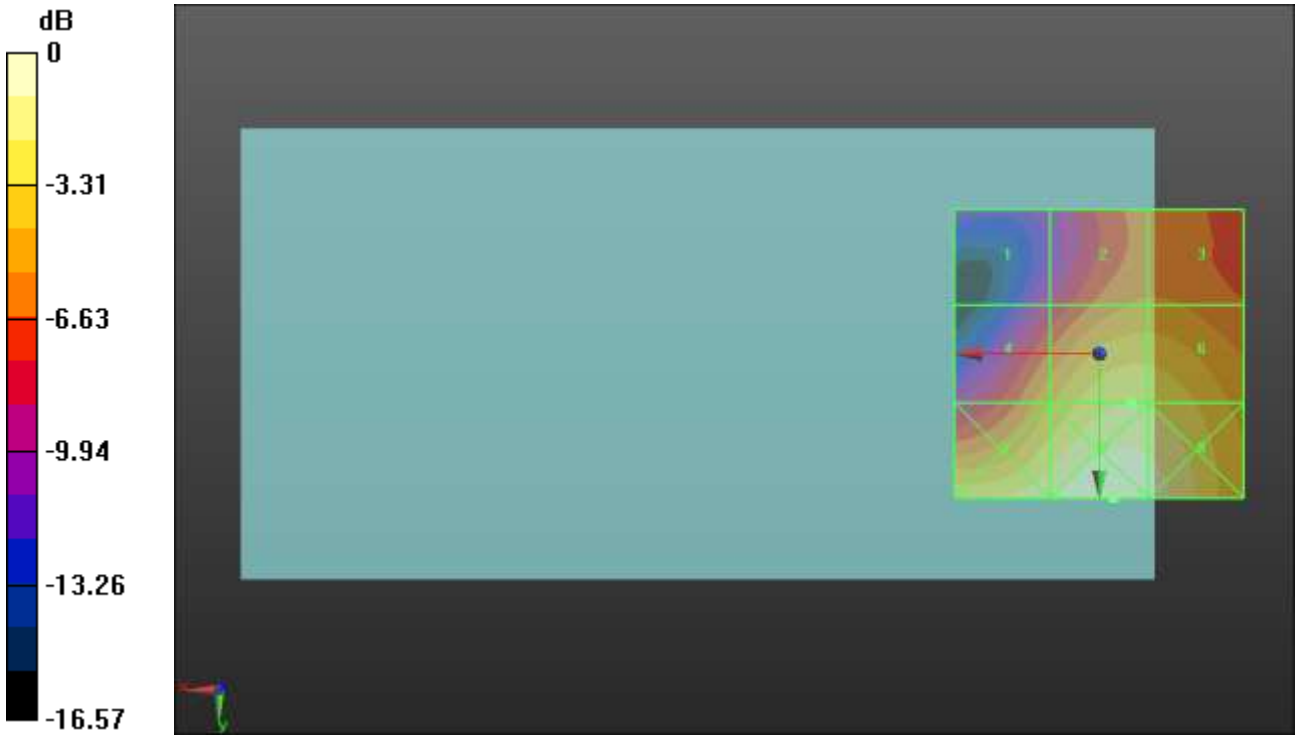
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 31.34 V/m; Power Drift = -0.08 dB
Applied MIF = -1.44 dB
RF audio interference level = 28.38 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.54 dBV/m**	Grid 2 **M4** **25.22 dBV/m**	Grid 3 **M4** **25.23 dBV/m**
Grid 4 **M4** **26.05 dBV/m**	Grid 5 **M4** **28.38 dBV/m**	Grid 6 **M4** **28.26 dBV/m**
Grid 7 **M4** **29.51 dBV/m**	Grid 8 **M3** **30.53 dBV/m**	Grid 9 **M3** **30.03 dBV/m**



0 dB = 33.60 V/m = 30.53 dBV/m

HAC-RF Emission ANT4

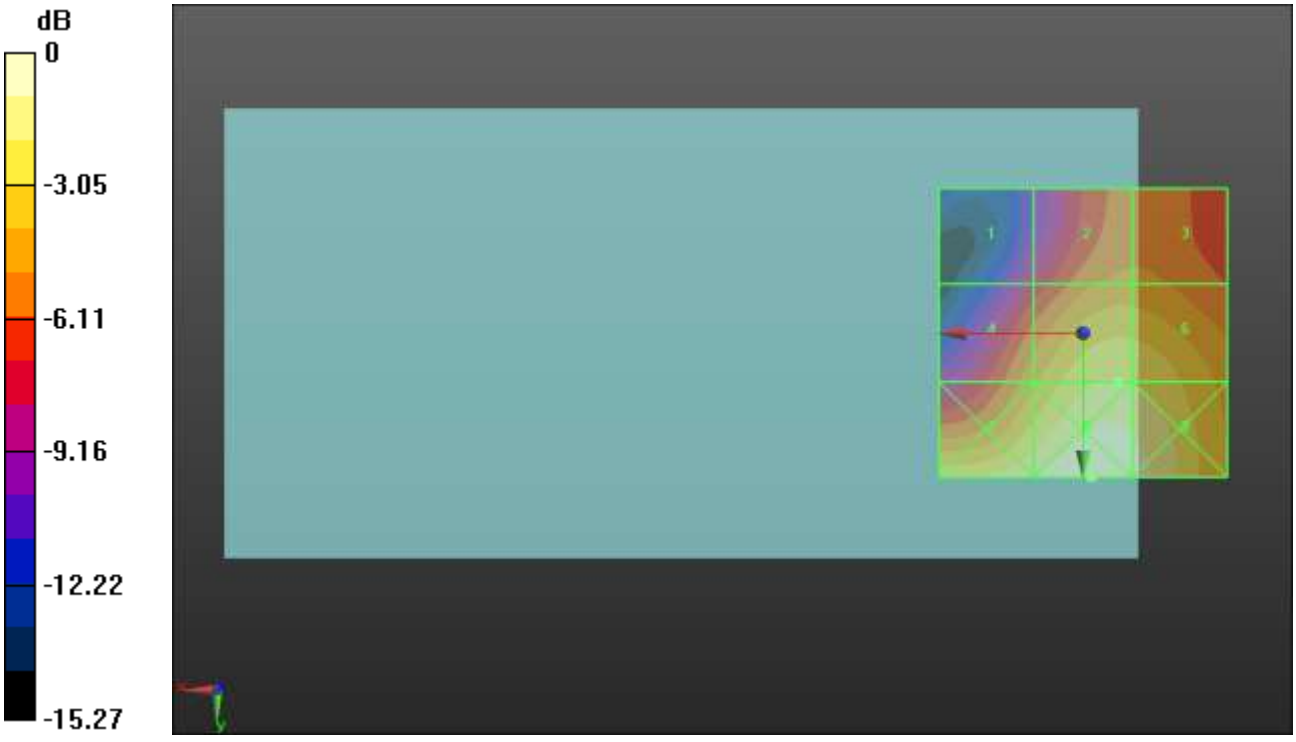
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 33.70 V/m; Power Drift = 0.00 dB
Applied MIF = -1.44 dB
RF audio interference level = 28.48 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.55 dBV/m**	Grid 2 **M4** **25.7 dBV/m**	Grid 3 **M4** **25.7 dBV/m**
Grid 4 **M4** **26.17 dBV/m**	Grid 5 **M4** **28.48 dBV/m**	Grid 6 **M4** **28.39 dBV/m**
Grid 7 **M4** **29.44 dBV/m**	Grid 8 **M3** **30.4 dBV/m**	Grid 9 **M4** **29.93 dBV/m**



0 dB = 33.12 V/m = 30.40 dBV/m

HAC-RF Emission ANT4

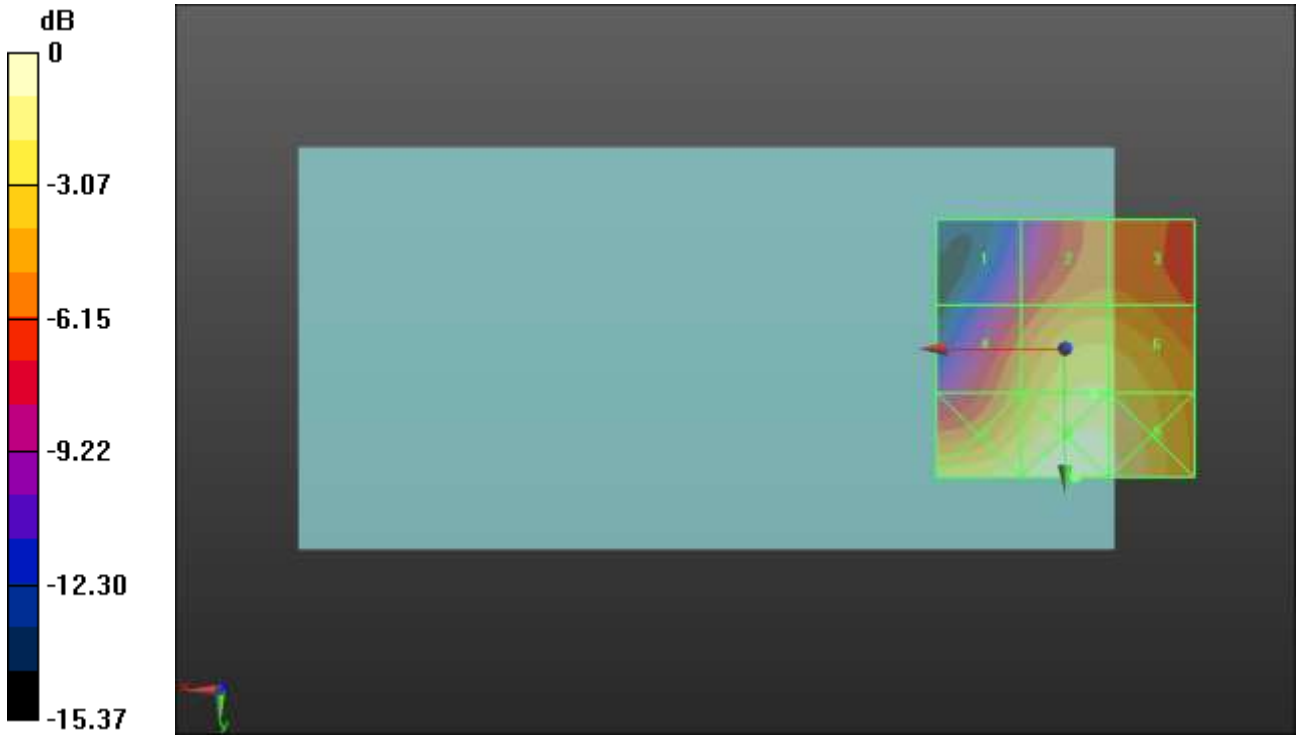
Communication System: UID 10173 - CAC, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 33.99 V/m; Power Drift = -0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 28.23 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.47 dBV/m**	Grid 2 **M4** **25.4 dBV/m**	Grid 3 **M4** **25.38 dBV/m**
Grid 4 **M4** **25.75 dBV/m**	Grid 5 **M4** **28.23 dBV/m**	Grid 6 **M4** **28.09 dBV/m**
Grid 7 **M4** **29.05 dBV/m**	Grid 8 **M3** **30 dBV/m**	Grid 9 **M4** **29.46 dBV/m**



0 dB = 31.63 V/m = 30.00 dBV/m

HAC-RF Emission ANT 4

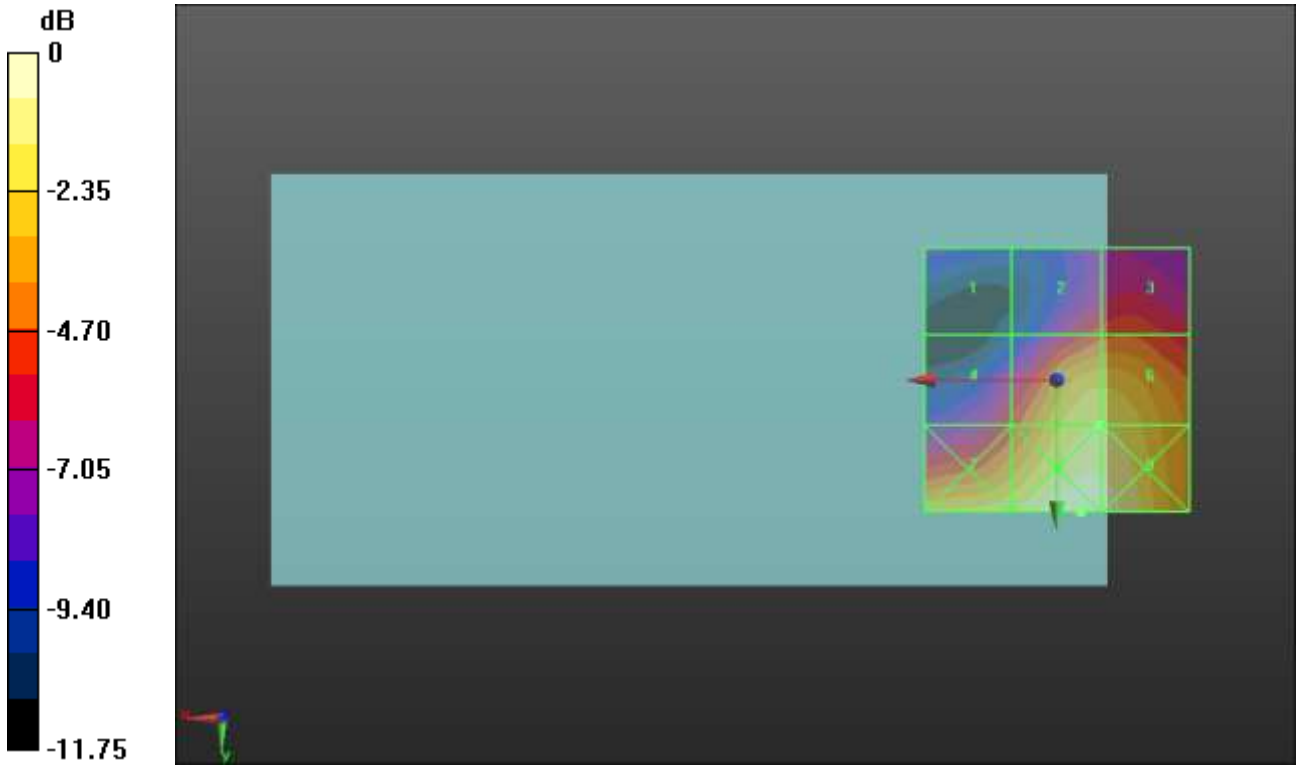
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2417 MHz; Duty Cycle: 1:2.29087
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 56.93 V/m; Power Drift = 0.01 dB
Applied MIF = -2.02 dB
RF audio interference level = 31.46 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **24.98 dBV/m**	Grid 2 **M4** **28.05 dBV/m**	Grid 3 **M4** **28.3 dBV/m**
Grid 4 **M4** **27.87 dBV/m**	Grid 5 **M3** **31.46 dBV/m**	Grid 6 **M3** **31.46 dBV/m**
Grid 7 **M3** **31.56 dBV/m**	Grid 8 **M3** **33.01 dBV/m**	Grid 9 **M3** **32.81 dBV/m**



0 dB = 44.74 V/m = 33.01 dBV/m

HAC-RF Emission ANT 4

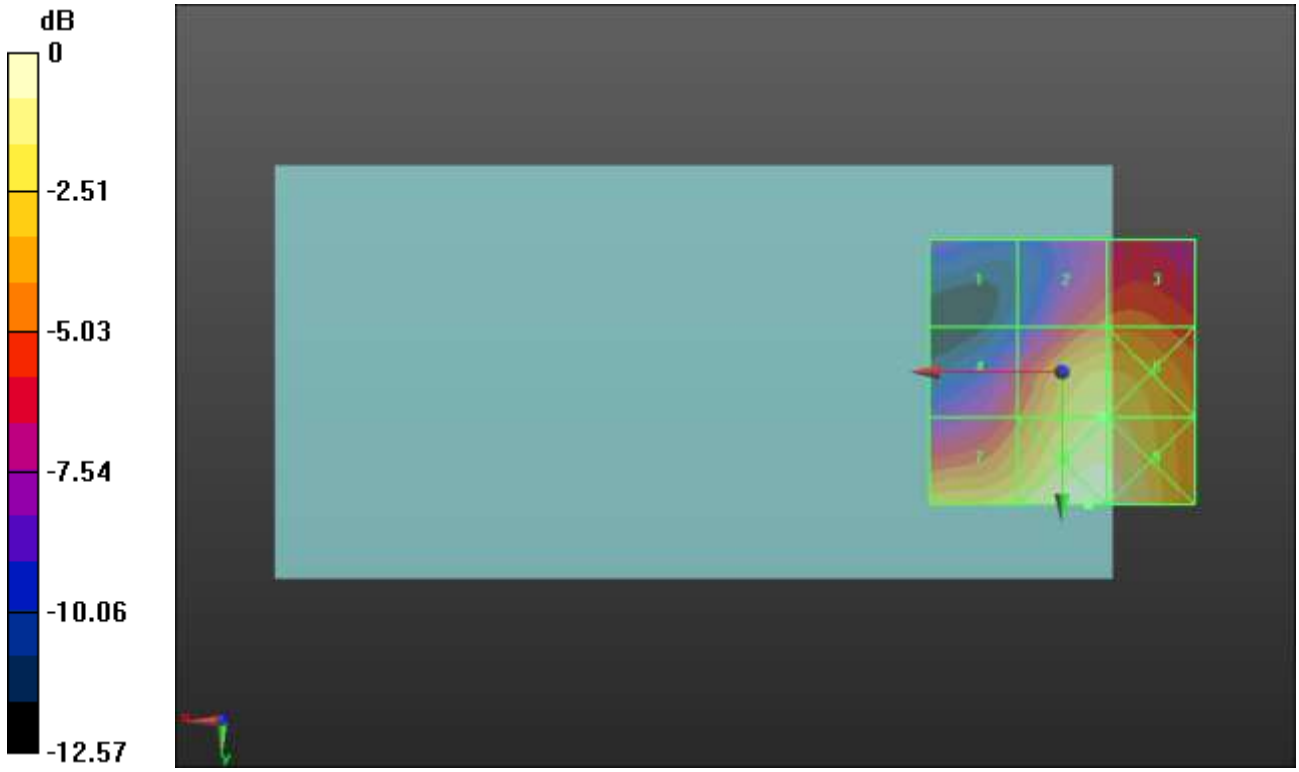
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29087
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 53.01 V/m; Power Drift = 0.04 dB
Applied MIF = -2.02 dB
RF audio interference level = 30.66 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **23.67 dBV/m**	Grid 2 **M4** **27.6 dBV/m**	Grid 3 **M4** **27.82 dBV/m**
Grid 4 **M4** **26.96 dBV/m**	Grid 5 **M3** **30.66 dBV/m**	Grid 6 **M3** **30.65 dBV/m**
Grid 7 **M3** **30.49 dBV/m**	Grid 8 **M3** **32.16 dBV/m**	Grid 9 **M3** **31.98 dBV/m**



0 dB = 40.56 V/m = 32.16 dBV/m

HAC-RF Emission ANT 4

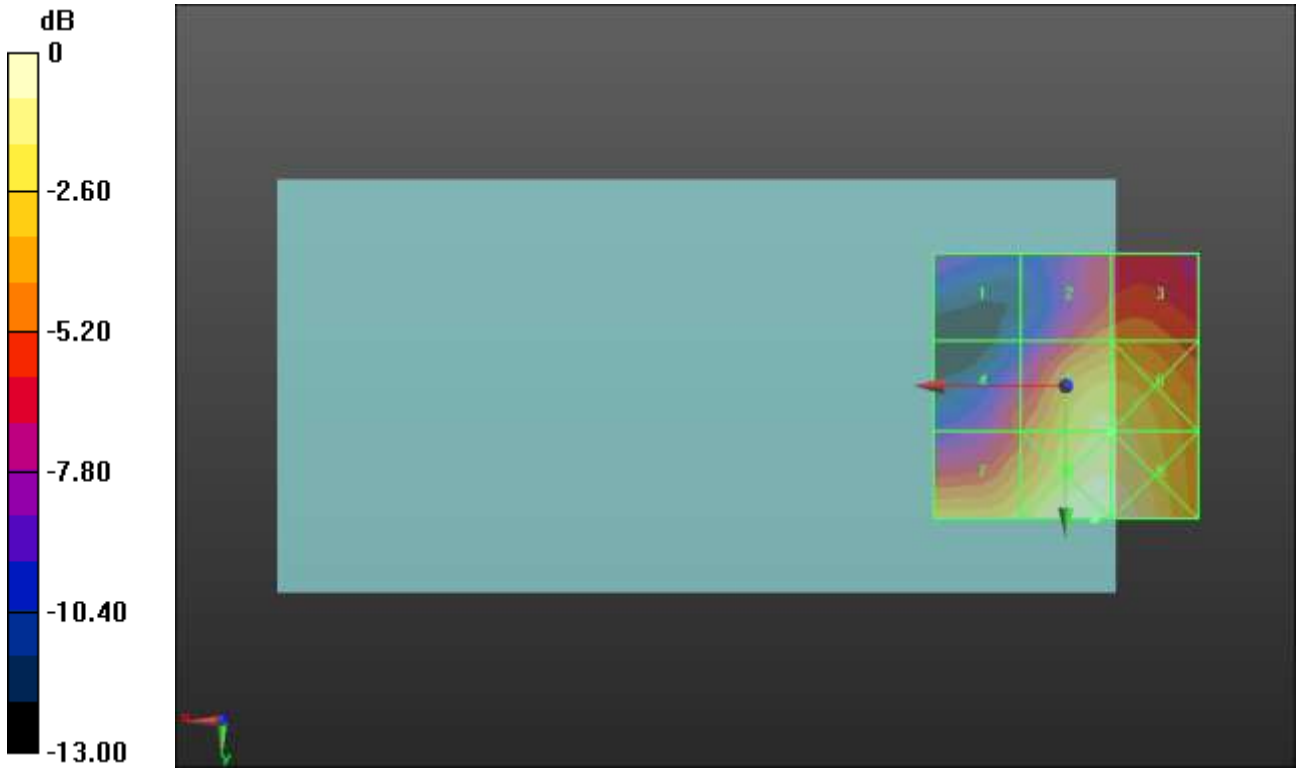
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:2.29087
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 60.52 V/m; Power Drift = -0.06 dB
Applied MIF = -2.02 dB
RF audio interference level = 31.65 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **24.82 dBV/m**	Grid 2 **M4** **28.57 dBV/m**	Grid 3 **M4** **28.74 dBV/m**
Grid 4 **M4** **27.65 dBV/m**	Grid 5 **M3** **31.65 dBV/m**	Grid 6 **M3** **31.65 dBV/m**
Grid 7 **M3** **31.05 dBV/m**	Grid 8 **M3** **33.1 dBV/m**	Grid 9 **M3** **32.98 dBV/m**



0 dB = 45.19 V/m = 33.10 dBV/m

HAC-RF Emission ANT 4

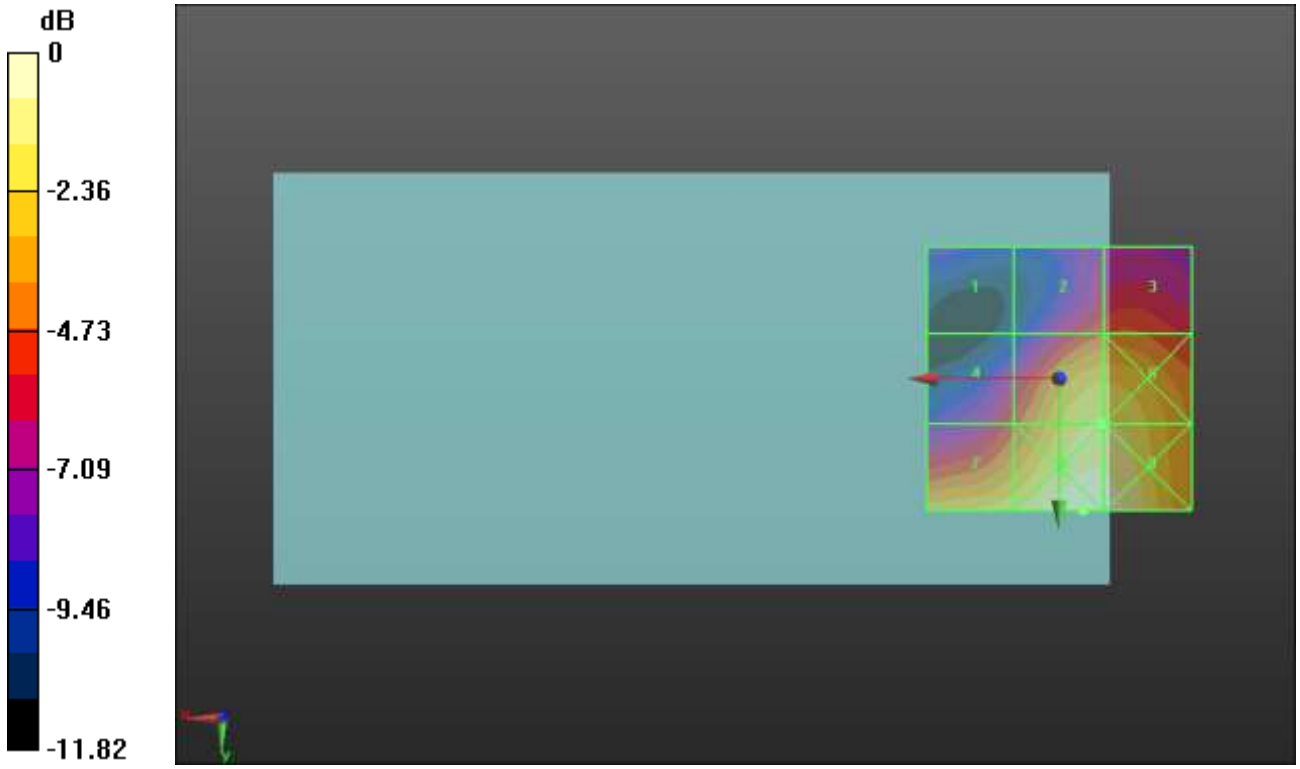
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2422 MHz; Duty Cycle: 1:12.5893
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11b 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 = 58.59 V/m; Power Drift = -0.06 dB
Applied MIF = 0.12 dB
RF audio interference level = 33.69 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **27.17 dBV/m**	Grid 2 **M3** **30.42 dBV/m**	Grid 3 **M3** **30.64 dBV/m**
Grid 4 **M3** **30.09 dBV/m**	Grid 5 **M3** **33.69 dBV/m**	Grid 6 **M3** **33.68 dBV/m**
Grid 7 **M3** **33.61 dBV/m**	Grid 8 **M2** **35.16 dBV/m**	Grid 9 **M3** **34.99 dBV/m**



0 dB = 57.31 V/m = 35.16 dBV/m

HAC-RF Emission ANT 4

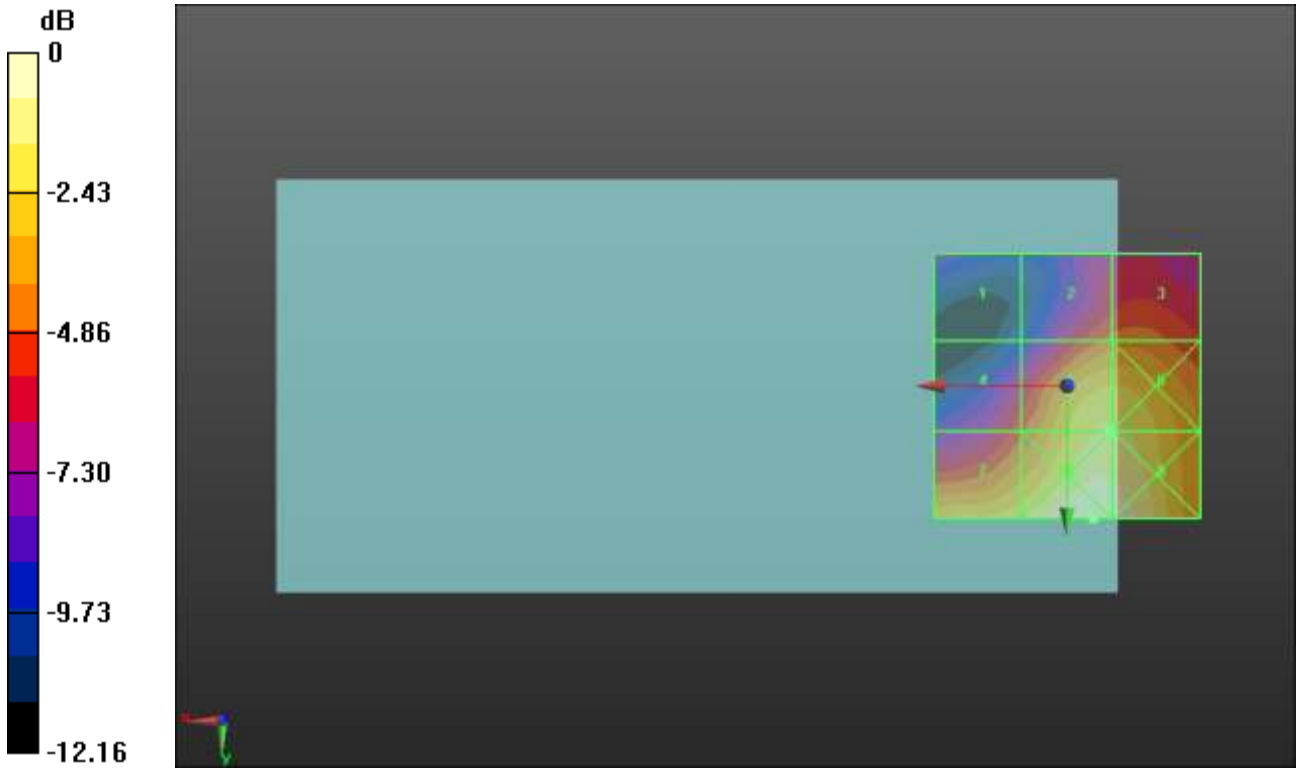
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5893
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11b 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 = 52.04 V/m; Power Drift = -0.04 dB
Applied MIF = 0.12 dB
RF audio interference level = 32.52 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **25.77 dBV/m**	Grid 2 **M4** **29.49 dBV/m**	Grid 3 **M4** **29.7 dBV/m**
Grid 4 **M4** **28.99 dBV/m**	Grid 5 **M3** **32.52 dBV/m**	Grid 6 **M3** **32.52 dBV/m**
Grid 7 **M3** **32.35 dBV/m**	Grid 8 **M3** **34 dBV/m**	Grid 9 **M3** **33.83 dBV/m**



0 dB = 50.13 V/m = 34.00 dBV/m

HAC-RF Emission ANT 4

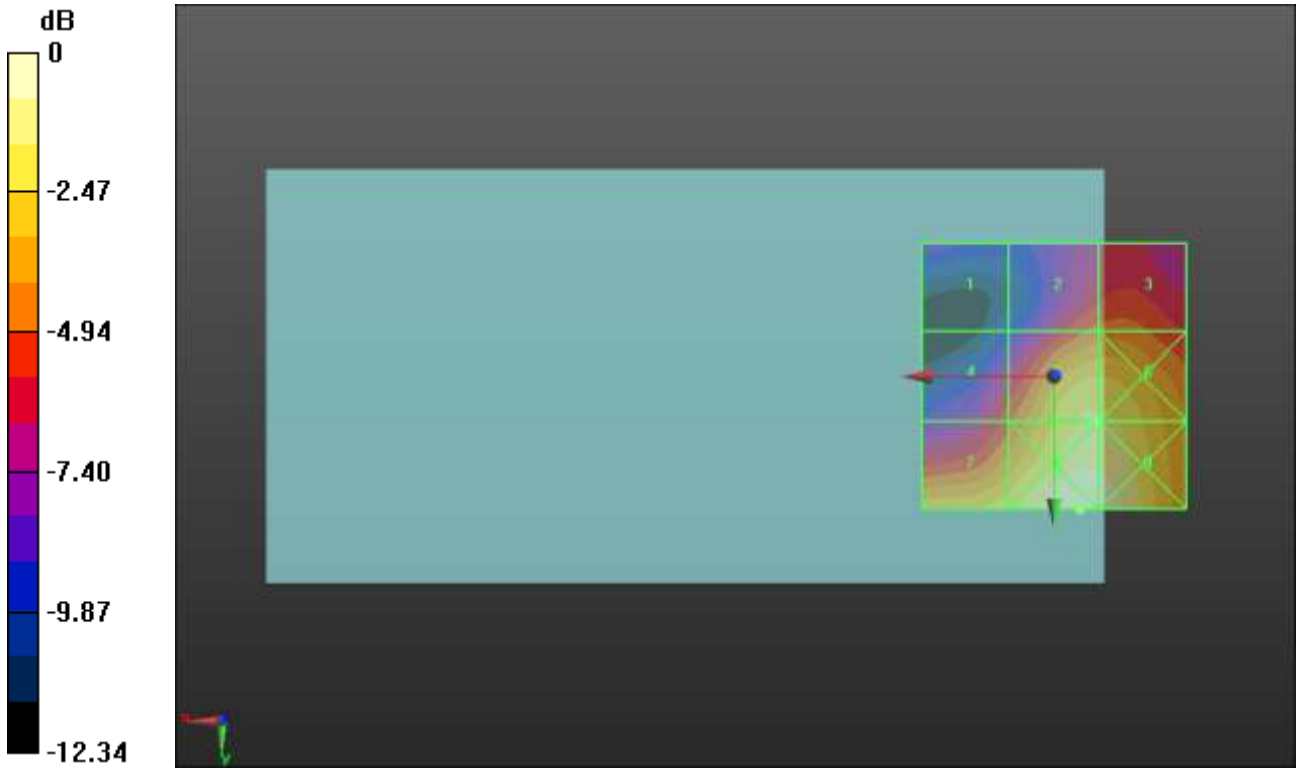
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:12.5893
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.11 (7437)

802.11b 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 = 54.30 V/m; Power Drift = -0.04 dB
Applied MIF = 0.12 dB
RF audio interference level = 32.92 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **25.97 dBV/m**	Grid 2 **M4** **29.78 dBV/m**	Grid 3 **M4** **29.94 dBV/m**
Grid 4 **M4** **29.21 dBV/m**	Grid 5 **M3** **32.92 dBV/m**	Grid 6 **M3** **32.92 dBV/m**
Grid 7 **M3** **32.57 dBV/m**	Grid 8 **M3** **34.38 dBV/m**	Grid 9 **M3** **34.22 dBV/m**



0 dB = 52.34 V/m = 34.38 dBV/m

HAC-RF Emission ANT 5

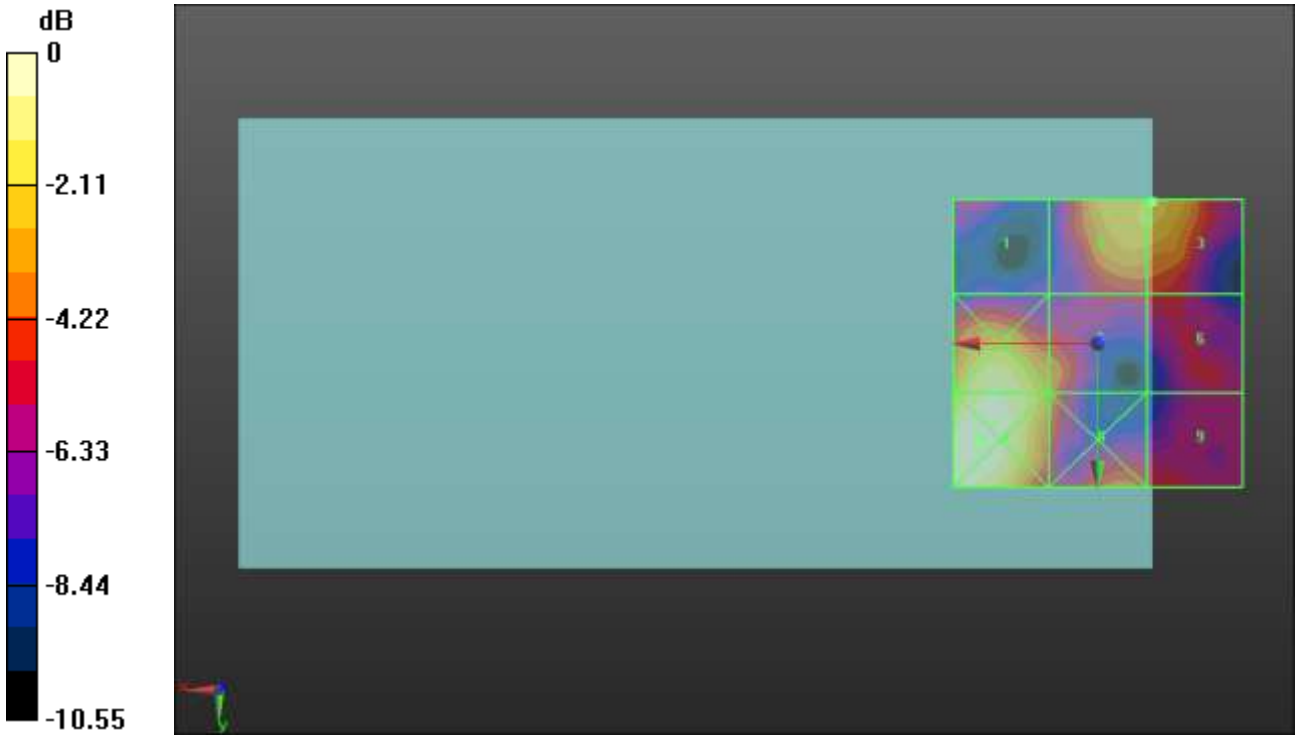
Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5200 MHz; Duty Cycle: 1:11.3763
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 40/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 3.317 V/m; Power Drift = 1.62 dB
Applied MIF = -3.15 dB
RF audio interference level = 12.08 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **8.39 dBV/m**	Grid 2 **M4** **12.04 dBV/m**	Grid 3 **M4** **12.08 dBV/m**
Grid 4 **M4** **13.37 dBV/m**	Grid 5 **M4** **10.71 dBV/m**	Grid 6 **M4** **9.02 dBV/m**
Grid 7 **M4** **13.98 dBV/m**	Grid 8 **M4** **10.71 dBV/m**	Grid 9 **M4** **9.34 dBV/m**



0 dB = 5.003 V/m = 13.98 dBV/m

HAC-RF Emission ANT 5

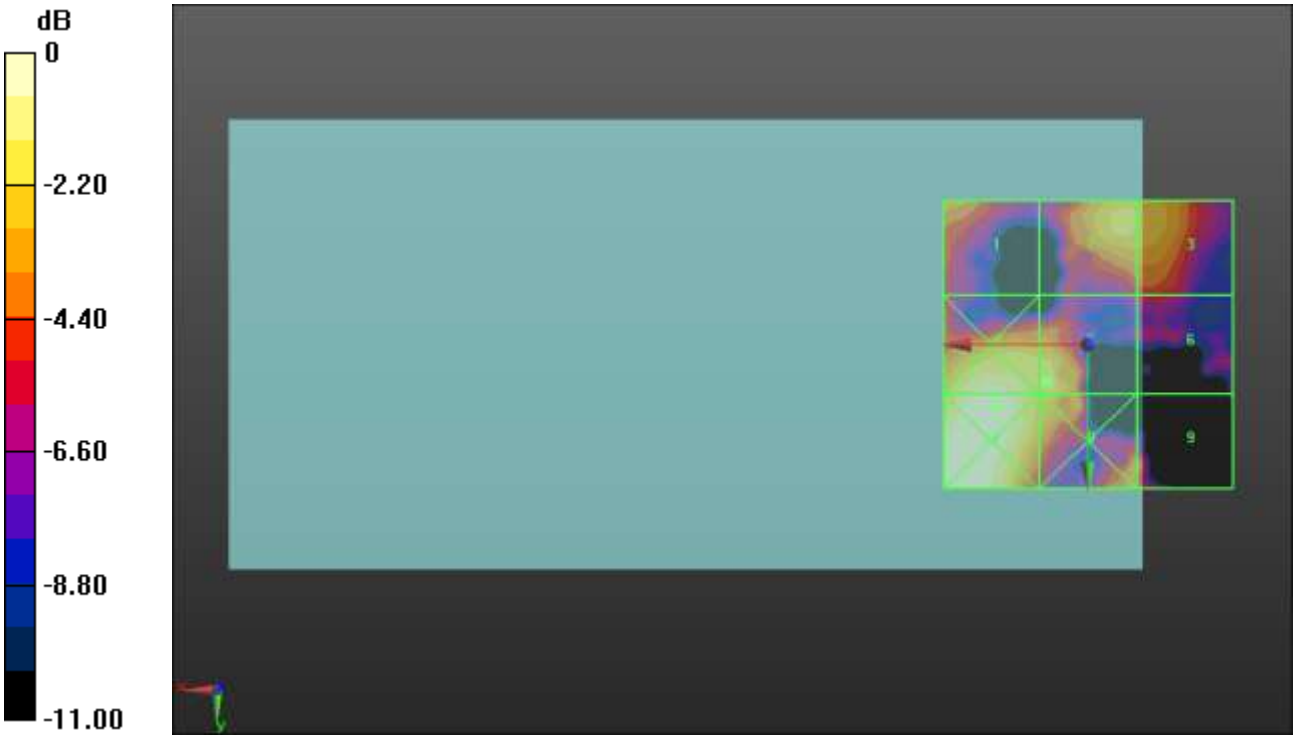
Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5220 MHz; Duty Cycle: 1:11.3763
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 44/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 2.776 V/m; Power Drift = 1.32 dB
Applied MIF = -3.15 dB
RF audio interference level = 11.67 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **10.21 dBV/m**	Grid 2 **M4** **11.5 dBV/m**	Grid 3 **M4** **11.21 dBV/m**
Grid 4 **M4** **13.02 dBV/m**	Grid 5 **M4** **11.67 dBV/m**	Grid 6 **M4** **8.49 dBV/m**
Grid 7 **M4** **13.36 dBV/m**	Grid 8 **M4** **11.4 dBV/m**	Grid 9 **M4** **10.58 dBV/m**



0 dB = 4.655 V/m = 13.36 dBV/m

HAC-RF Emission ANT 5

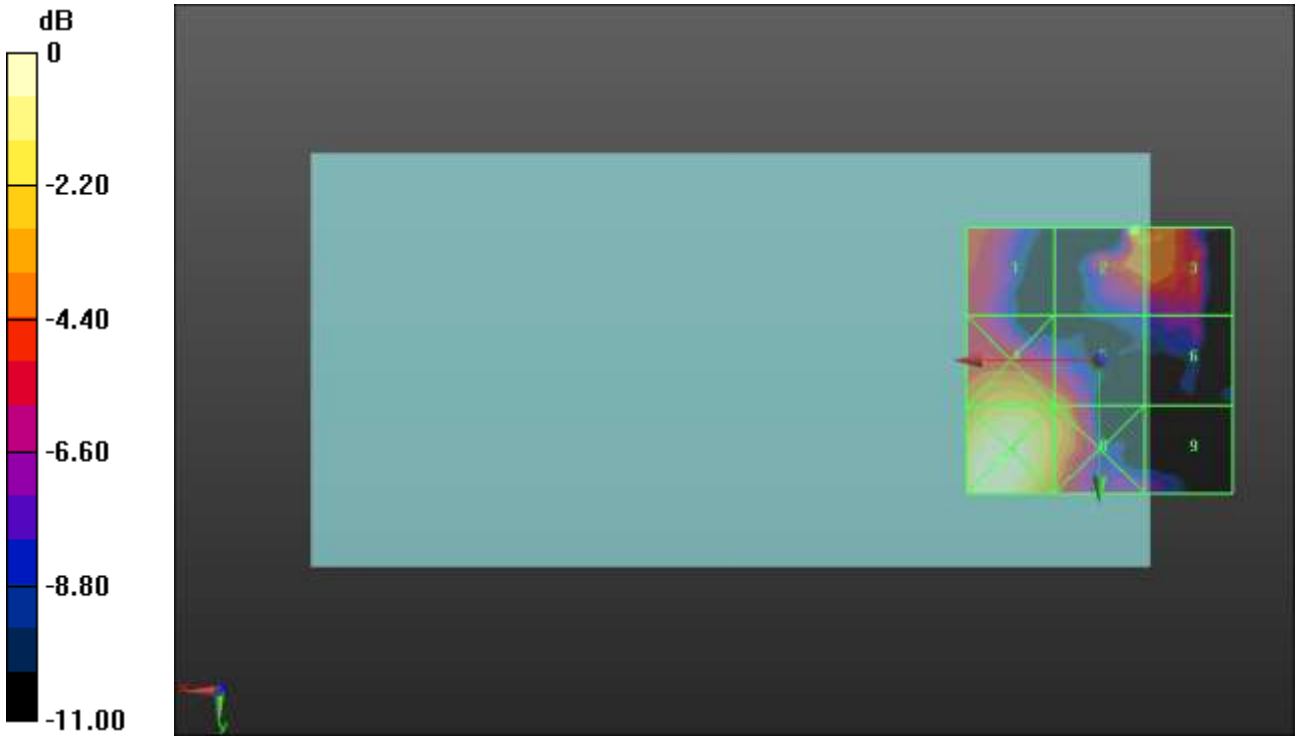
Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5240 MHz; Duty Cycle: 1:11.3763
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 48/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 3.480 V/m; Power Drift = -2.76 dB
Applied MIF = -3.15 dB
RF audio interference level = 12.58 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **10.03 dBV/m**	Grid 2 **M4** **12.58 dBV/m**	Grid 3 **M4** **11.29 dBV/m**
Grid 4 **M4** **12.84 dBV/m**	Grid 5 **M4** **11.37 dBV/m**	Grid 6 **M4** **8.33 dBV/m**
Grid 7 **M4** **14.78 dBV/m**	Grid 8 **M4** **12.3 dBV/m**	Grid 9 **M4** **7.79 dBV/m**



0 dB = 5.485 V/m = 14.78 dBV/m

HAC-RF Emission ANT 5

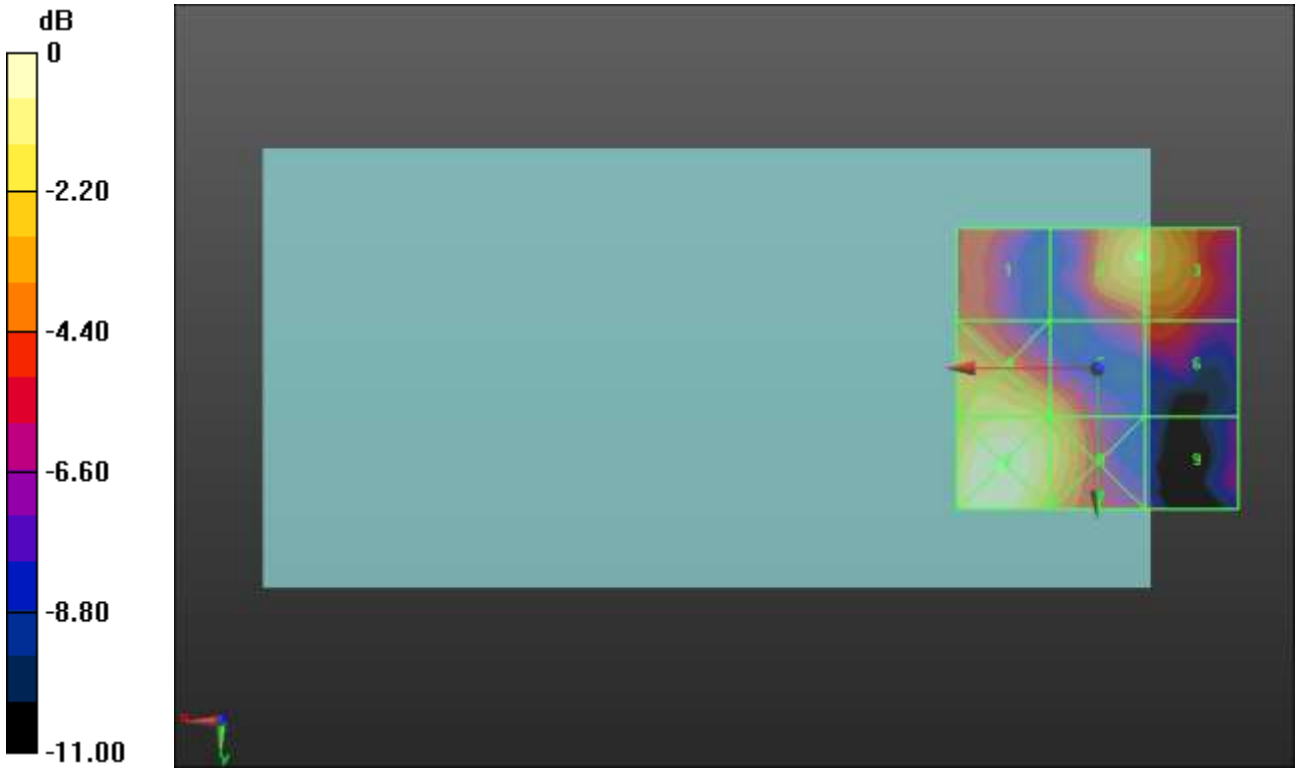
Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5260 MHz; Duty Cycle: 1:11.3763
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.11 (7437)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 52/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 3.186 V/m; Power Drift = -0.66 dB
Applied MIF = -3.15 dB
RF audio interference level = 12.68 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **9.98 dBV/m**	Grid 2 **M4** **12.68 dBV/m**	Grid 3 **M4** **12.66 dBV/m**
Grid 4 **M4** **13 dBV/m**	Grid 5 **M4** **11.86 dBV/m**	Grid 6 **M4** **10.15 dBV/m**
Grid 7 **M4** **14.45 dBV/m**	Grid 8 **M4** **12.78 dBV/m**	Grid 9 **M4** **8.48 dBV/m**



0 dB = 5.280 V/m = 14.45 dBV/m

HAC-RF Emission ANT 5

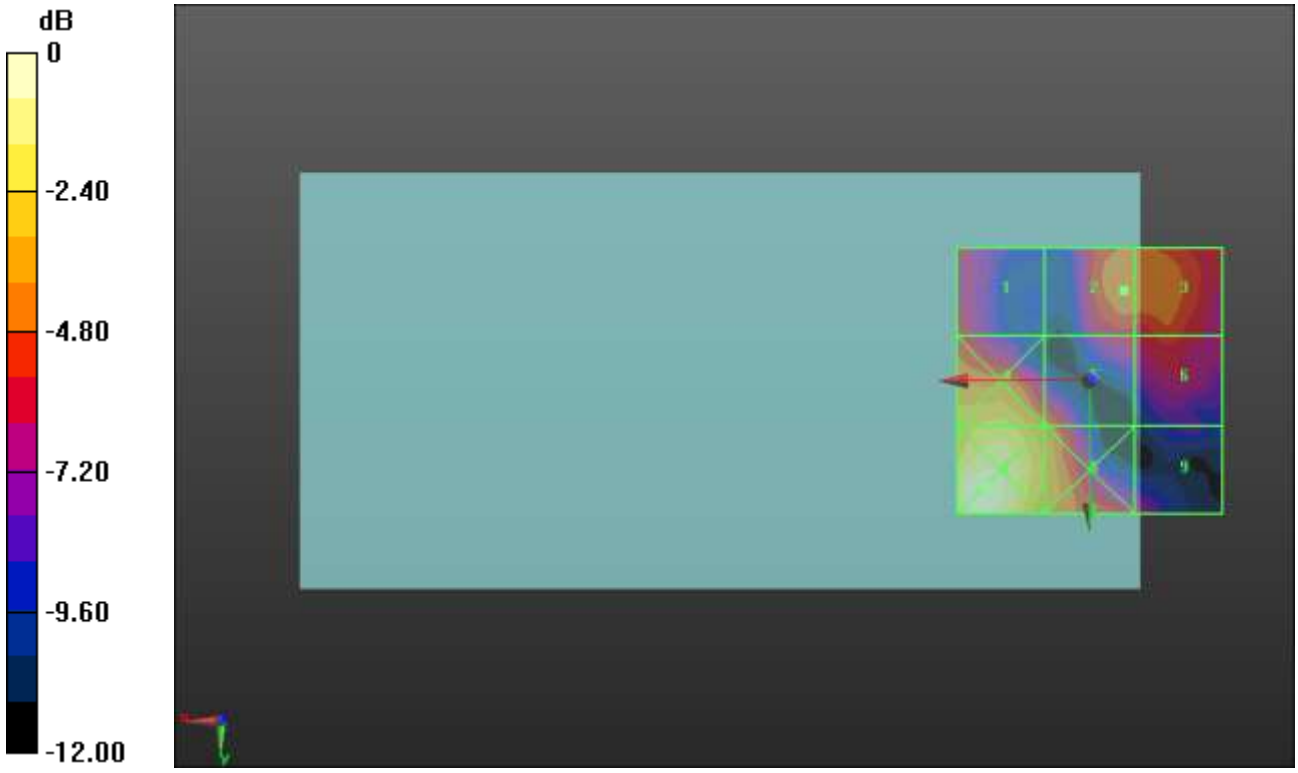
Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5280 MHz; Duty Cycle: 1:11.3763
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.11 (7437)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 56/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 2.857 V/m; Power Drift = -1.26 dB
Applied MIF = -3.15 dB
RF audio interference level = 11.66 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **10.54 dBV/m**	Grid 2 **M4** **11.66 dBV/m**	Grid 3 **M4** **11.59 dBV/m**
Grid 4 **M4** **13.65 dBV/m**	Grid 5 **M4** **11.48 dBV/m**	Grid 6 **M4** **10.55 dBV/m**
Grid 7 **M4** **15.75 dBV/m**	Grid 8 **M4** **12.56 dBV/m**	Grid 9 **M4** **9.82 dBV/m**



0 dB = 6.130 V/m = 15.75 dBV/m

HAC-RF Emission ANT 5

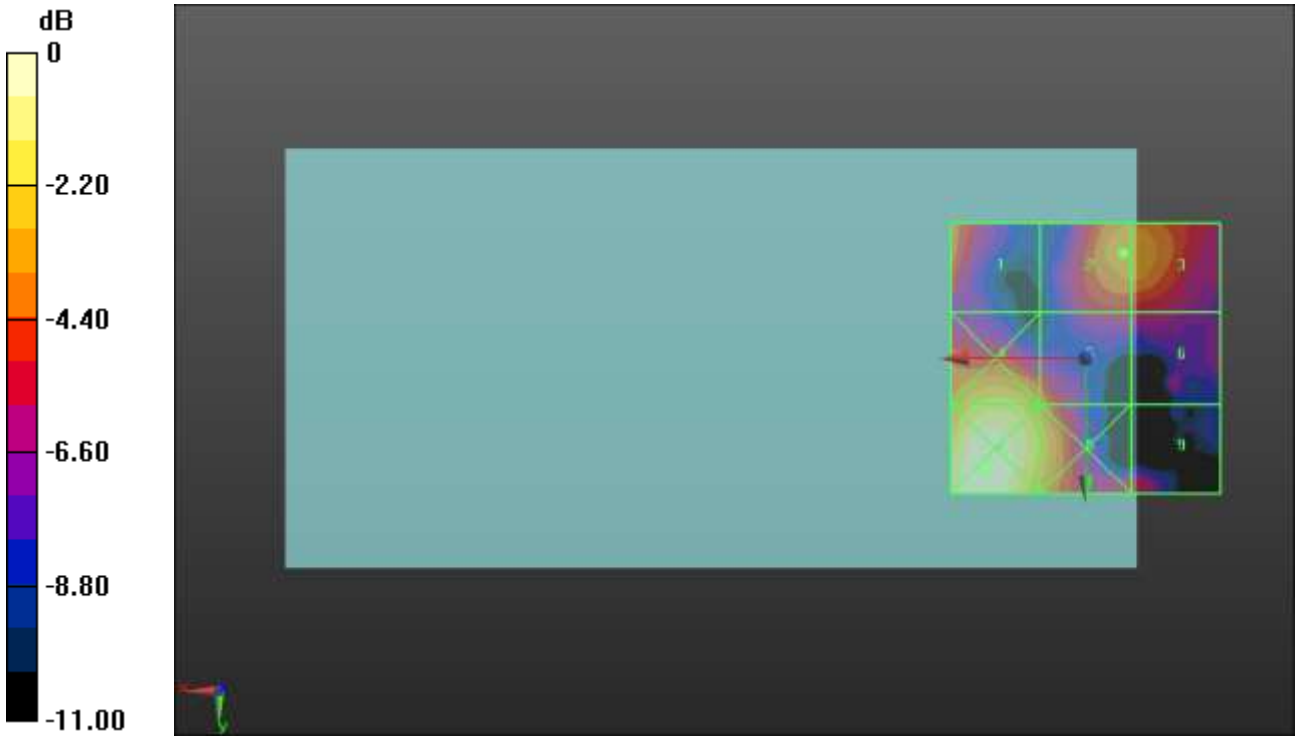
Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5300 MHz; Duty Cycle: 1:11.3763
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 60/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 3.684 V/m; Power Drift = -0.90 dB
Applied MIF = -3.15 dB
RF audio interference level = 12.23 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **11.71 dBV/m**	Grid 2 **M4** **12.23 dBV/m**	Grid 3 **M4** **12.19 dBV/m**
Grid 4 **M4** **13.61 dBV/m**	Grid 5 **M4** **11.85 dBV/m**	Grid 6 **M4** **9.68 dBV/m**
Grid 7 **M4** **15.35 dBV/m**	Grid 8 **M4** **13.09 dBV/m**	Grid 9 **M4** **10.15 dBV/m**



0 dB = 5.855 V/m = 15.35 dBV/m

HAC-RF Emission ANT 5

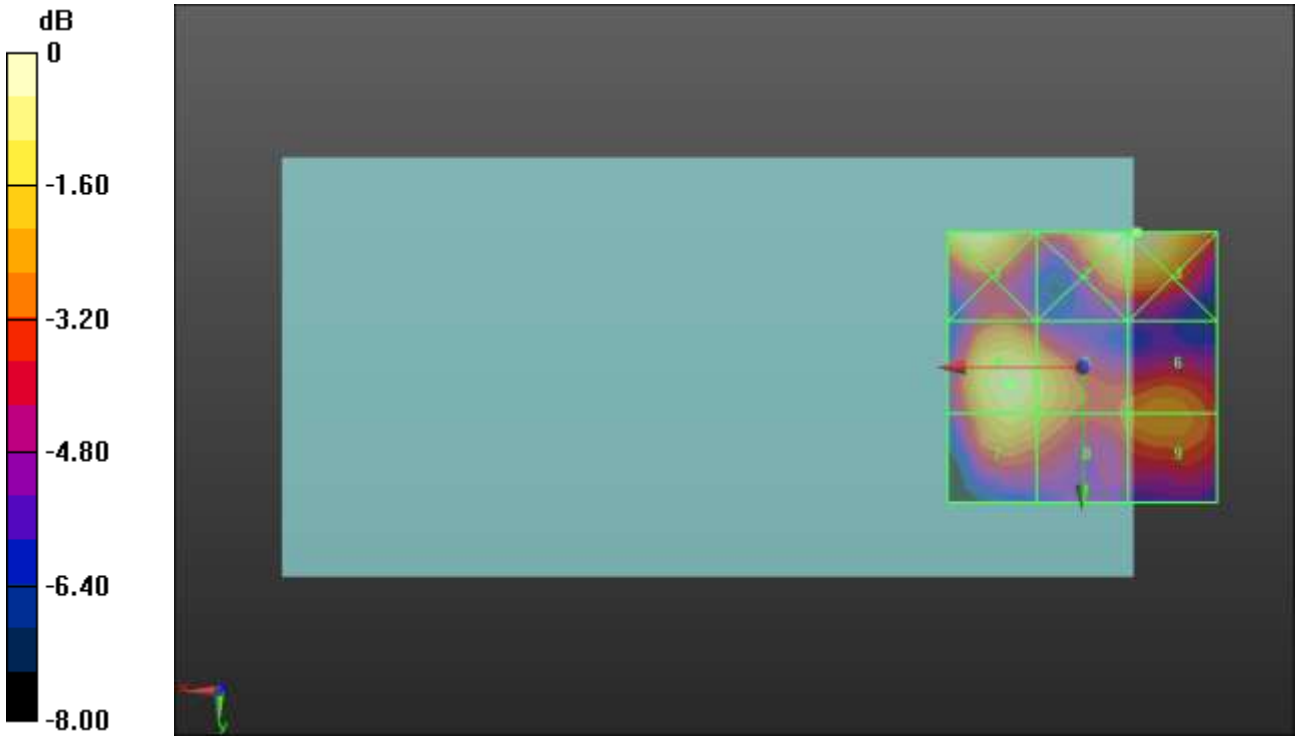
Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5520 MHz; Duty Cycle: 1:11.3763
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164) s

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 104/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 6.744 V/m; Power Drift = -0.75 dB
Applied MIF = -3.15 dB
RF audio interference level = 14.62 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.72 dBV/m**	Grid 2 **M4** **15.28 dBV/m**	Grid 3 **M4** **15.31 dBV/m**
Grid 4 **M4** **14.62 dBV/m**	Grid 5 **M4** **14.11 dBV/m**	Grid 6 **M4** **13.02 dBV/m**
Grid 7 **M4** **14.15 dBV/m**	Grid 8 **M4** **13.57 dBV/m**	Grid 9 **M4** **13.04 dBV/m**



0 dB = 5.827 V/m = 15.31 dBV/m

HAC-RF Emission ANT 5

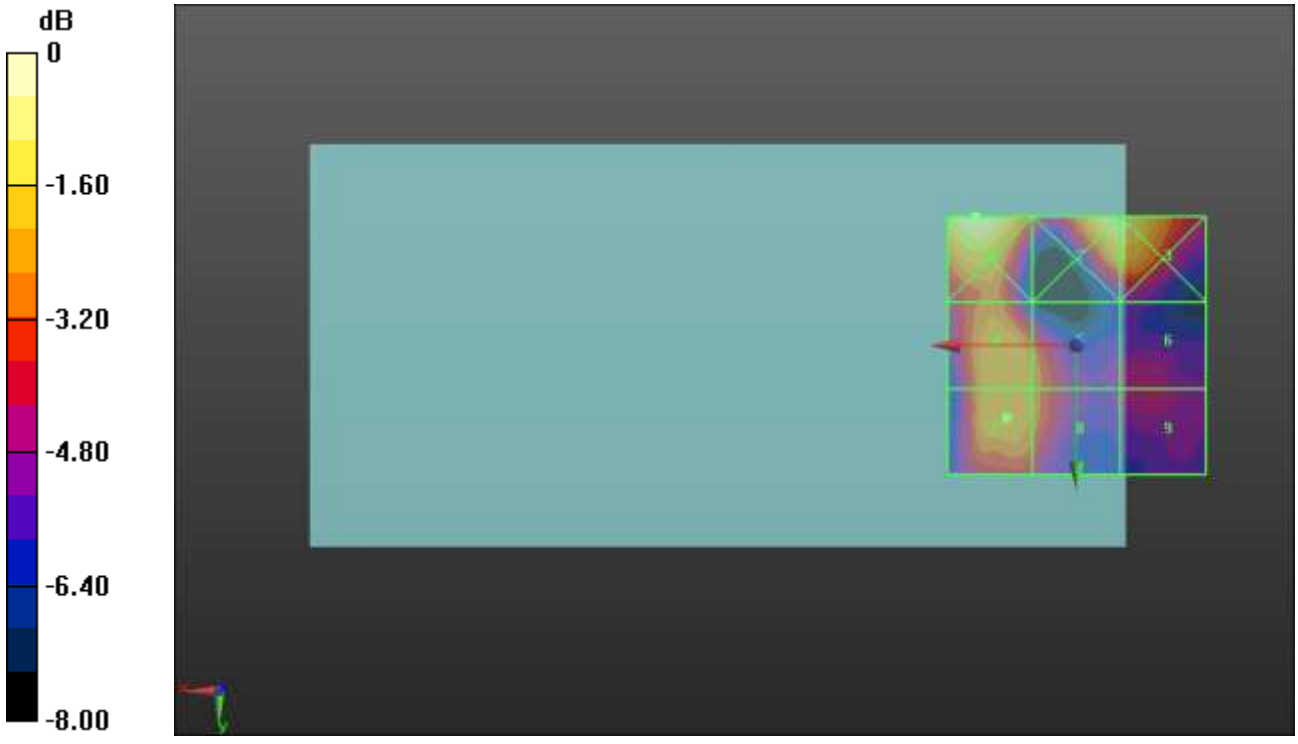
Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5620 MHz; Duty Cycle: 1:11.3763
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 124/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 5.430 V/m; Power Drift = -0.28 dB
Applied MIF = -3.15 dB
RF audio interference level = 13.37 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.47 dBV/m**	Grid 2 **M4** **14.79 dBV/m**	Grid 3 **M4** **14.78 dBV/m**
Grid 4 **M4** **13.34 dBV/m**	Grid 5 **M4** **12.75 dBV/m**	Grid 6 **M4** **11.23 dBV/m**
Grid 7 **M4** **13.37 dBV/m**	Grid 8 **M4** **12.75 dBV/m**	Grid 9 **M4** **11.25 dBV/m**



0 dB = 5.938 V/m = 15.47 dBV/m

HAC-RF Emission ANT 5

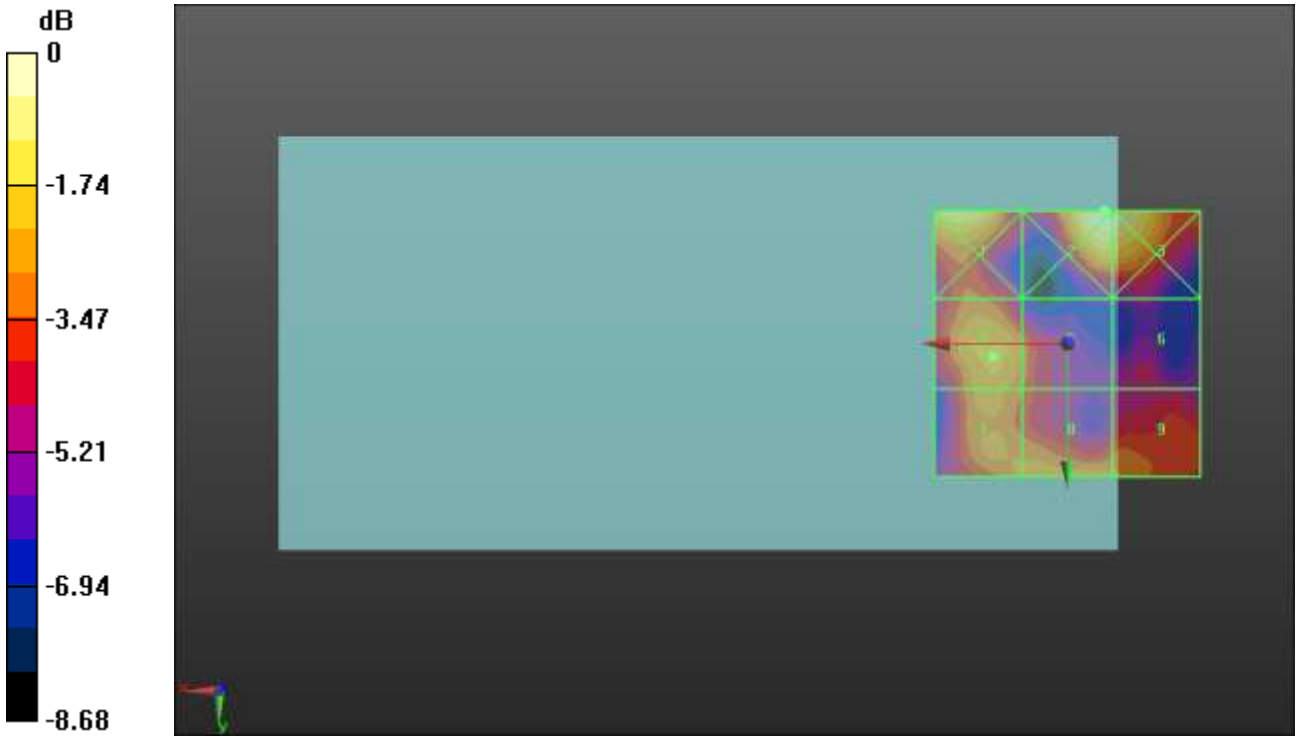
Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5720 MHz; Duty Cycle: 1:11.3763
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 144/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 3.884 V/m; Power Drift = -0.55 dB
Applied MIF = -3.15 dB
RF audio interference level = 11.29 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **12.67 dBV/m**	Grid 2 **M4** **13.47 dBV/m**	Grid 3 **M4** **13.28 dBV/m**
Grid 4 **M4** **11.29 dBV/m**	Grid 5 **M4** **10.45 dBV/m**	Grid 6 **M4** **9 dBV/m**
Grid 7 **M4** **11.12 dBV/m**	Grid 8 **M4** **11.14 dBV/m**	Grid 9 **M4** **10.79 dBV/m**



0 dB = 4.716 V/m = 13.47 dBV/m

HAC-RF Emission ANT 5

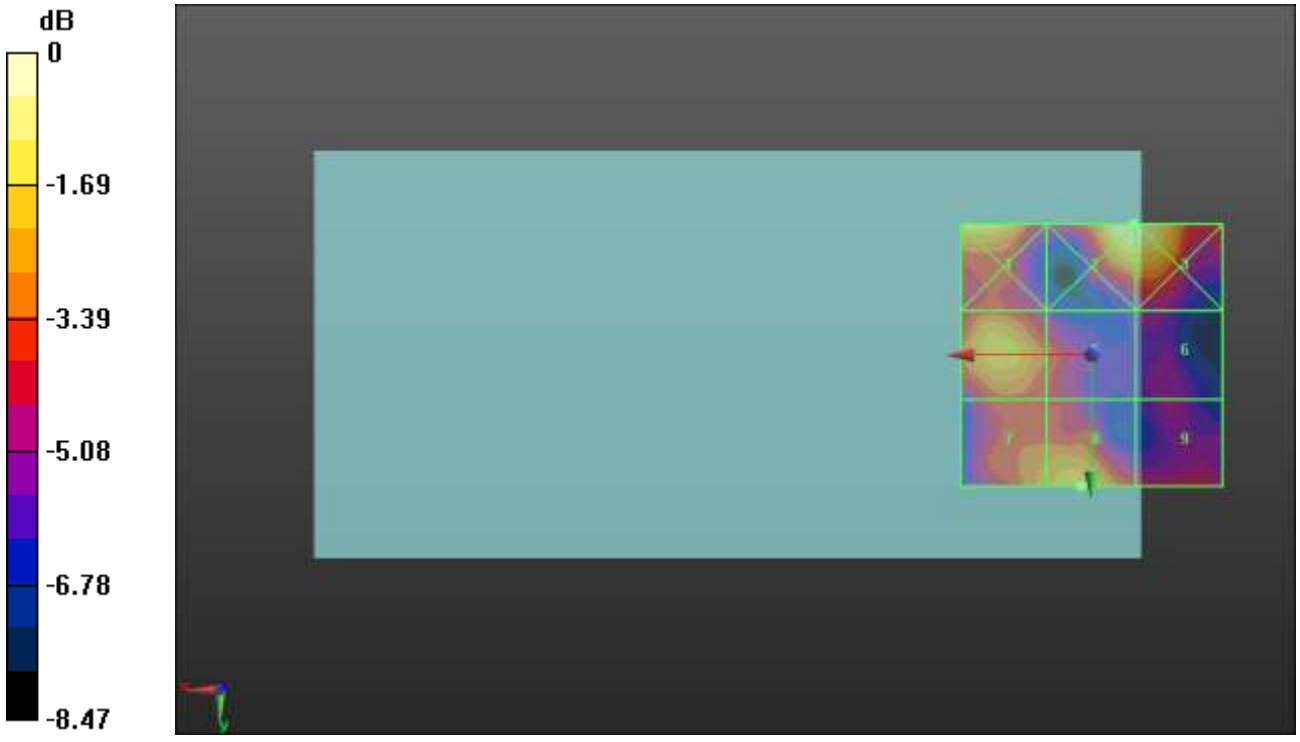
Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5745 MHz; Duty Cycle: 1:11.3763
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 149/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 4.025 V/m; Power Drift = -0.57 dB
Applied MIF = -3.15 dB
RF audio interference level = 11.44 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **12.07 dBV/m**	Grid 2 **M4** **12.96 dBV/m**	Grid 3 **M4** **12.93 dBV/m**
Grid 4 **M4** **11.14 dBV/m**	Grid 5 **M4** **9.52 dBV/m**	Grid 6 **M4** **7.94 dBV/m**
Grid 7 **M4** **10.52 dBV/m**	Grid 8 **M4** **11.44 dBV/m**	Grid 9 **M4** **9.03 dBV/m**



0 dB = 4.446 V/m = 12.96 dBV/m

HAC-RF Emission ANT 5

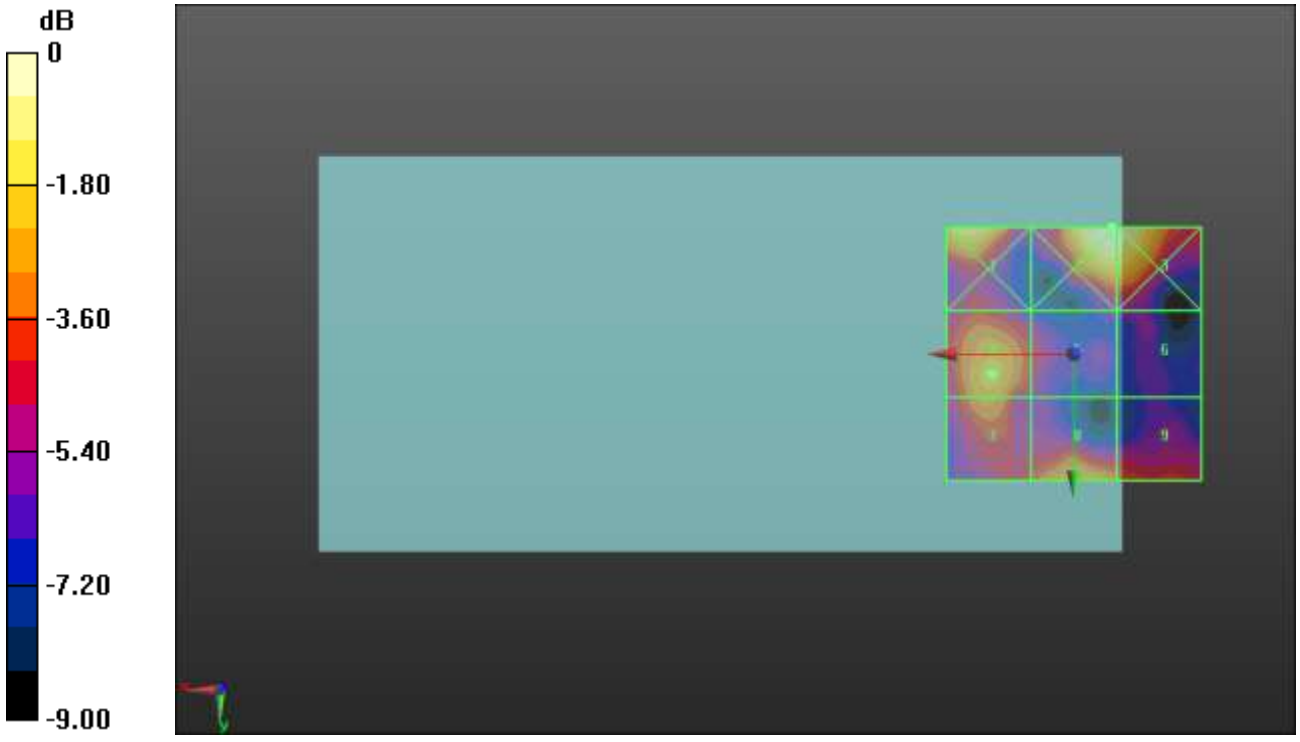
Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5785 MHz; Duty Cycle: 1:11.3763
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 157/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 3.991 V/m; Power Drift = -0.92 dB
Applied MIF = -3.15 dB
RF audio interference level = 11.97 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **12.99 dBV/m**	Grid 2 **M4** **14.11 dBV/m**	Grid 3 **M4** **14.06 dBV/m**
Grid 4 **M4** **11.97 dBV/m**	Grid 5 **M4** **10 dBV/m**	Grid 6 **M4** **8.72 dBV/m**
Grid 7 **M4** **11.4 dBV/m**	Grid 8 **M4** **11.78 dBV/m**	Grid 9 **M4** **10.74 dBV/m**



0 dB = 5.075 V/m = 14.11 dBV/m

HAC-RF Emission ANT 5

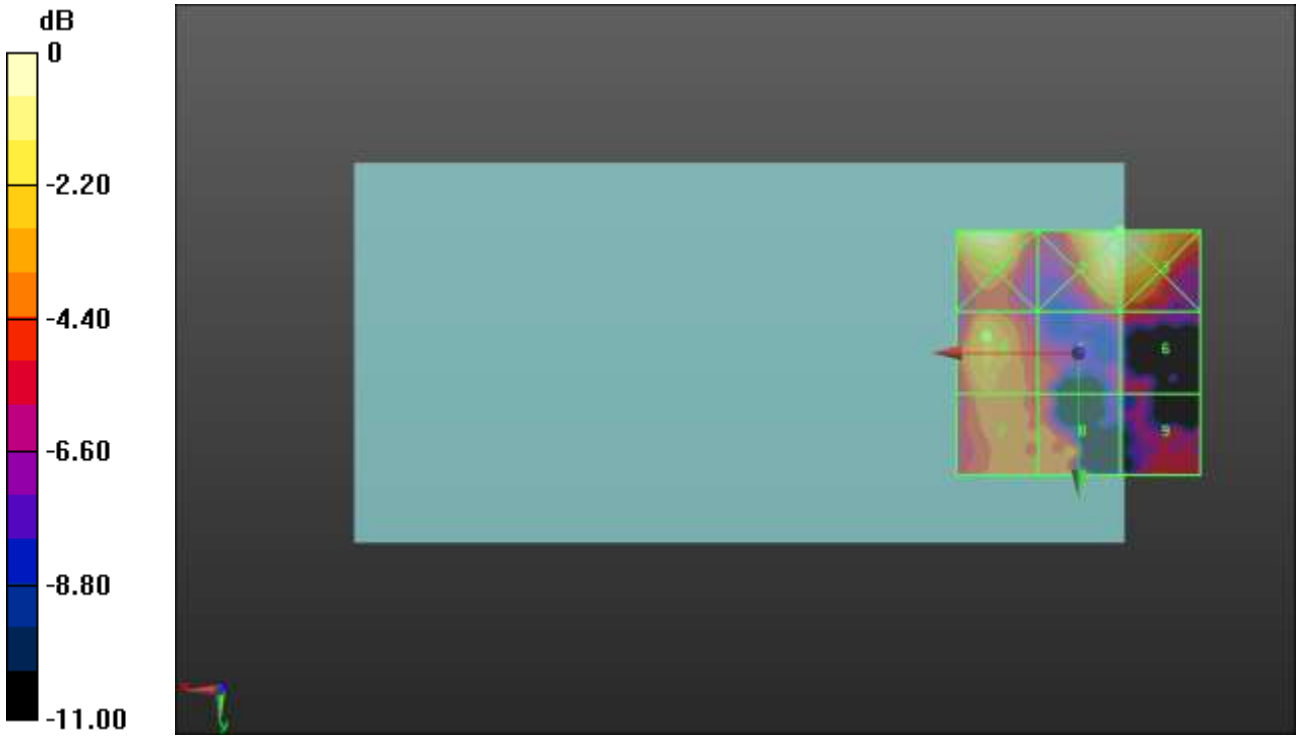
Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5825 MHz; Duty Cycle: 1:11.3763
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 165/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 3.621 V/m; Power Drift = -1.59 dB
Applied MIF = -3.15 dB
RF audio interference level = 9.93 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **12.37 dBV/m**	Grid 2 **M4** **12.66 dBV/m**	Grid 3 **M4** **12.66 dBV/m**
Grid 4 **M4** **9.93 dBV/m**	Grid 5 **M4** **8.24 dBV/m**	Grid 6 **M4** **7.63 dBV/m**
Grid 7 **M4** **8.99 dBV/m**	Grid 8 **M4** **9.67 dBV/m**	Grid 9 **M4** **7.91 dBV/m**



0 dB = 4.294 V/m = 12.66 dBV/m

HAC-RF Emission ANT 6

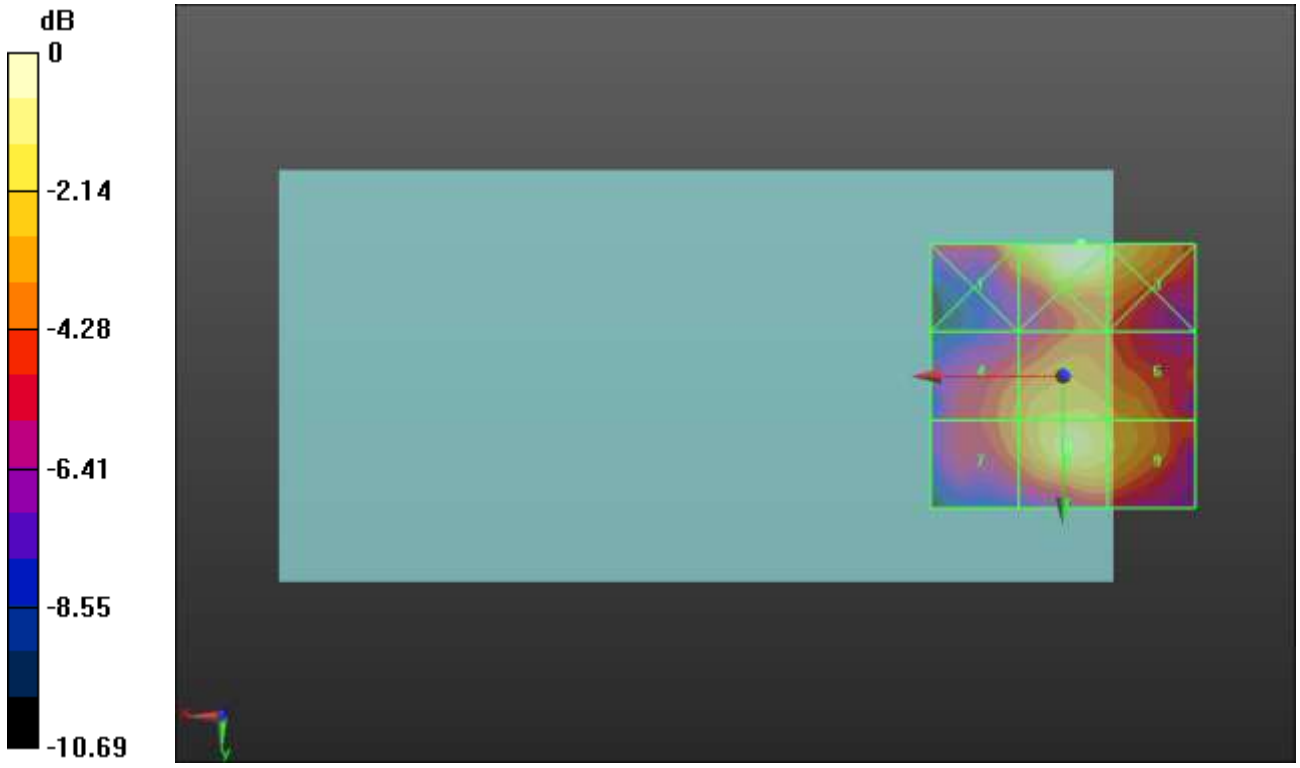
Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5200 MHz; Duty Cycle: 1:11.3763
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 40/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 42.48 V/m; Power Drift = -0.38 dB
Applied MIF = -3.15 dB
RF audio interference level = 28.67 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.63 dBV/m**	Grid 2 **M4** **29.53 dBV/m**	Grid 3 **M4** **28.78 dBV/m**
Grid 4 **M4** **26.34 dBV/m**	Grid 5 **M4** **28 dBV/m**	Grid 6 **M4** **27.29 dBV/m**
Grid 7 **M4** **26.34 dBV/m**	Grid 8 **M4** **28.67 dBV/m**	Grid 9 **M4** **27.66 dBV/m**



0 dB = 29.97 V/m = 29.53 dBV/m

HAC-RF Emission ANT 6

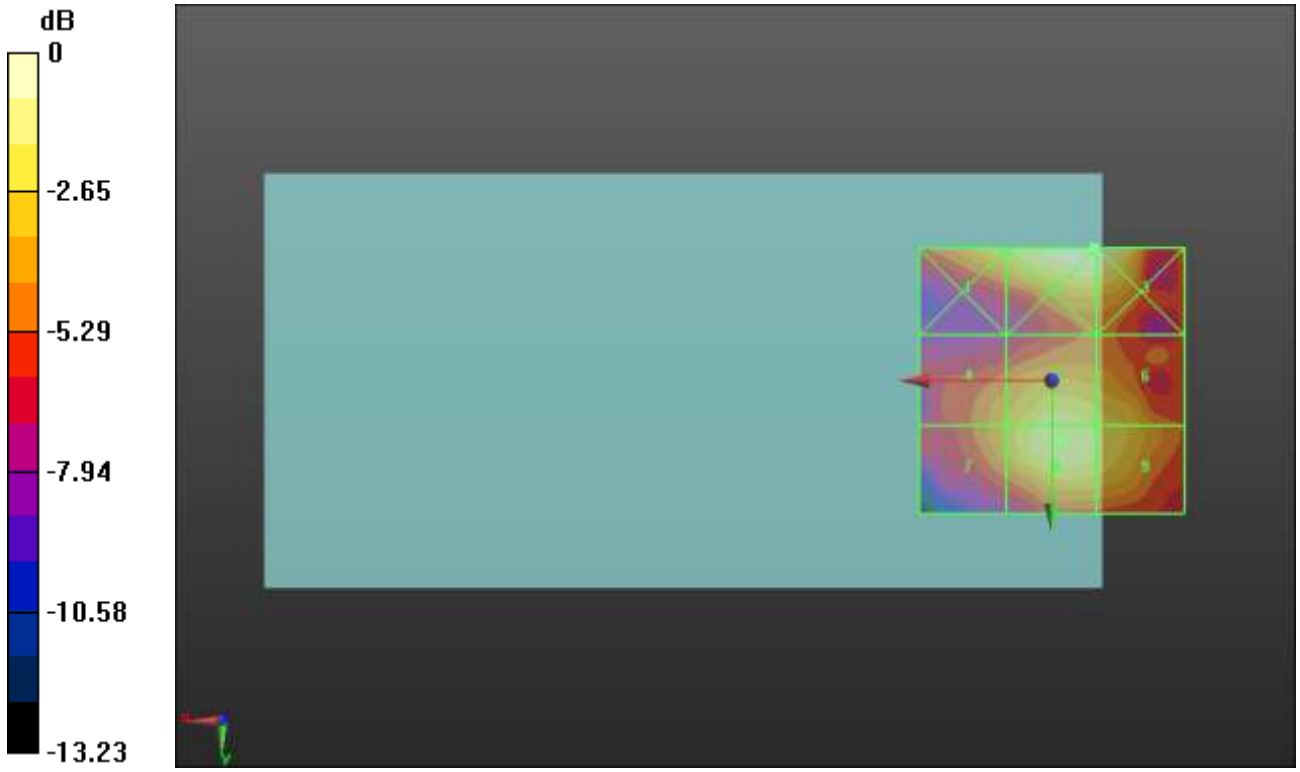
Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5220 MHz; Duty Cycle: 1:11.3763
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 44/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 37.72 V/m; Power Drift = 0.10 dB
Applied MIF = -3.15 dB
RF audio interference level = 28.32 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.87 dBV/m**	Grid 2 **M4** **29.36 dBV/m**	Grid 3 **M4** **29.34 dBV/m**
Grid 4 **M4** **26.09 dBV/m**	Grid 5 **M4** **28.11 dBV/m**	Grid 6 **M4** **27.4 dBV/m**
Grid 7 **M4** **26.11 dBV/m**	Grid 8 **M4** **28.32 dBV/m**	Grid 9 **M4** **27.67 dBV/m**



0 dB = 29.39 V/m = 29.36 dBV/m

HAC-RF Emission ANT 6

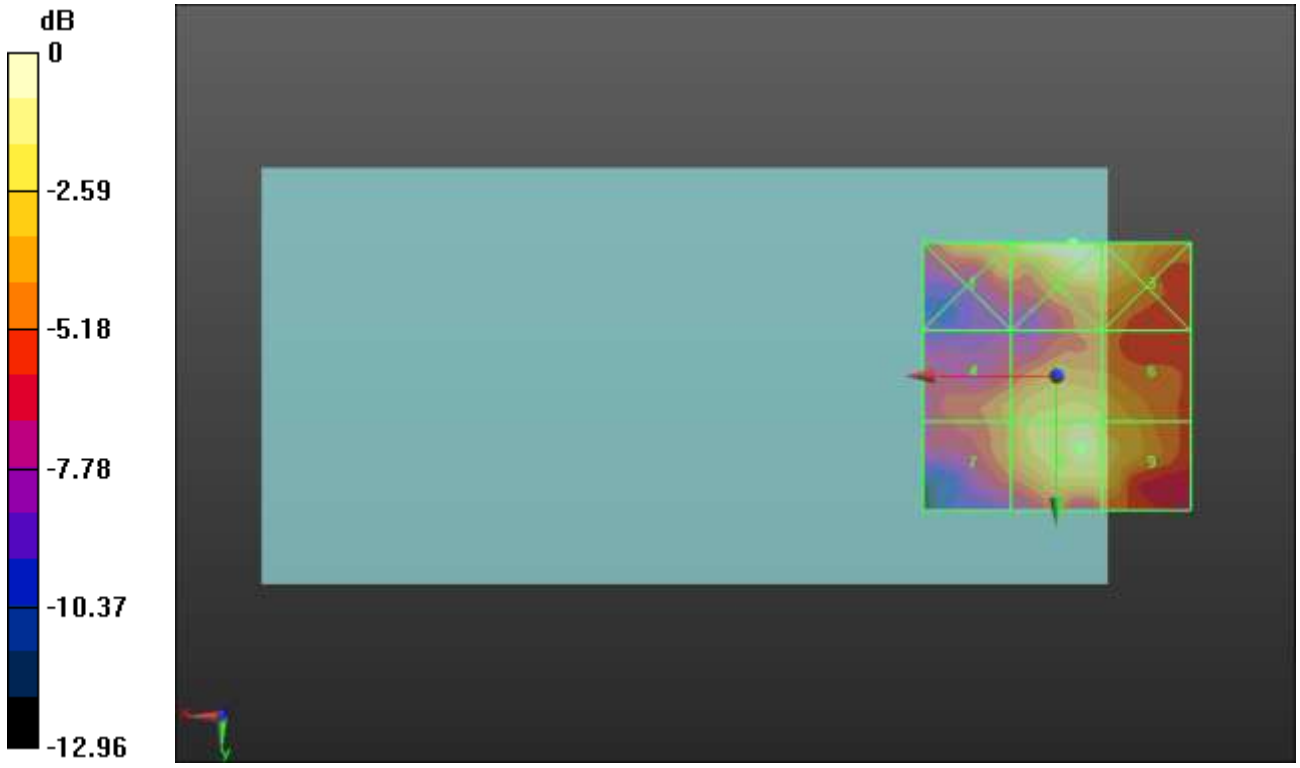
Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5240 MHz; Duty Cycle: 1:11.3763
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 48/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 36.77 V/m; Power Drift = -0.11 dB
Applied MIF = -3.15 dB
RF audio interference level = 28.10 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.14 dBV/m**	Grid 2 **M4** **29.5 dBV/m**	Grid 3 **M4** **28.38 dBV/m**
Grid 4 **M4** **25.7 dBV/m**	Grid 5 **M4** **27.77 dBV/m**	Grid 6 **M4** **26.97 dBV/m**
Grid 7 **M4** **25.66 dBV/m**	Grid 8 **M4** **28.1 dBV/m**	Grid 9 **M4** **27.58 dBV/m**



0 dB = 29.84 V/m = 29.50 dBV/m

HAC-RF Emission ANT 6

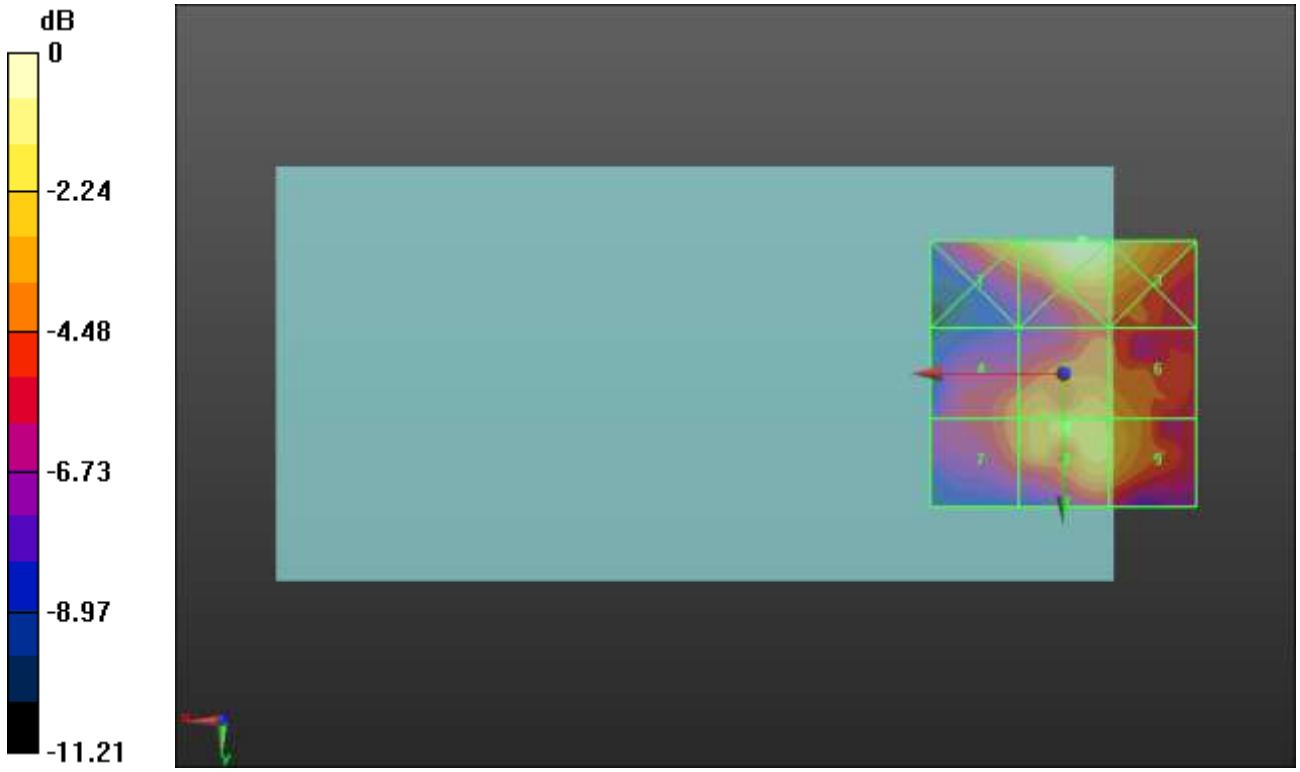
Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5260 MHz; Duty Cycle: 1:11.3763
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 52/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 42.22 V/m; Power Drift = -0.19 dB
Applied MIF = -3.15 dB
RF audio interference level = 28.74 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.95 dBV/m**	Grid 2 **M3** **30.1 dBV/m**	Grid 3 **M4** **29.57 dBV/m**
Grid 4 **M4** **26.42 dBV/m**	Grid 5 **M4** **28.22 dBV/m**	Grid 6 **M4** **27.58 dBV/m**
Grid 7 **M4** **26.44 dBV/m**	Grid 8 **M4** **28.74 dBV/m**	Grid 9 **M4** **28.04 dBV/m**



0 dB = 31.99 V/m = 30.10 dBV/m

HAC-RF Emission ANT 6

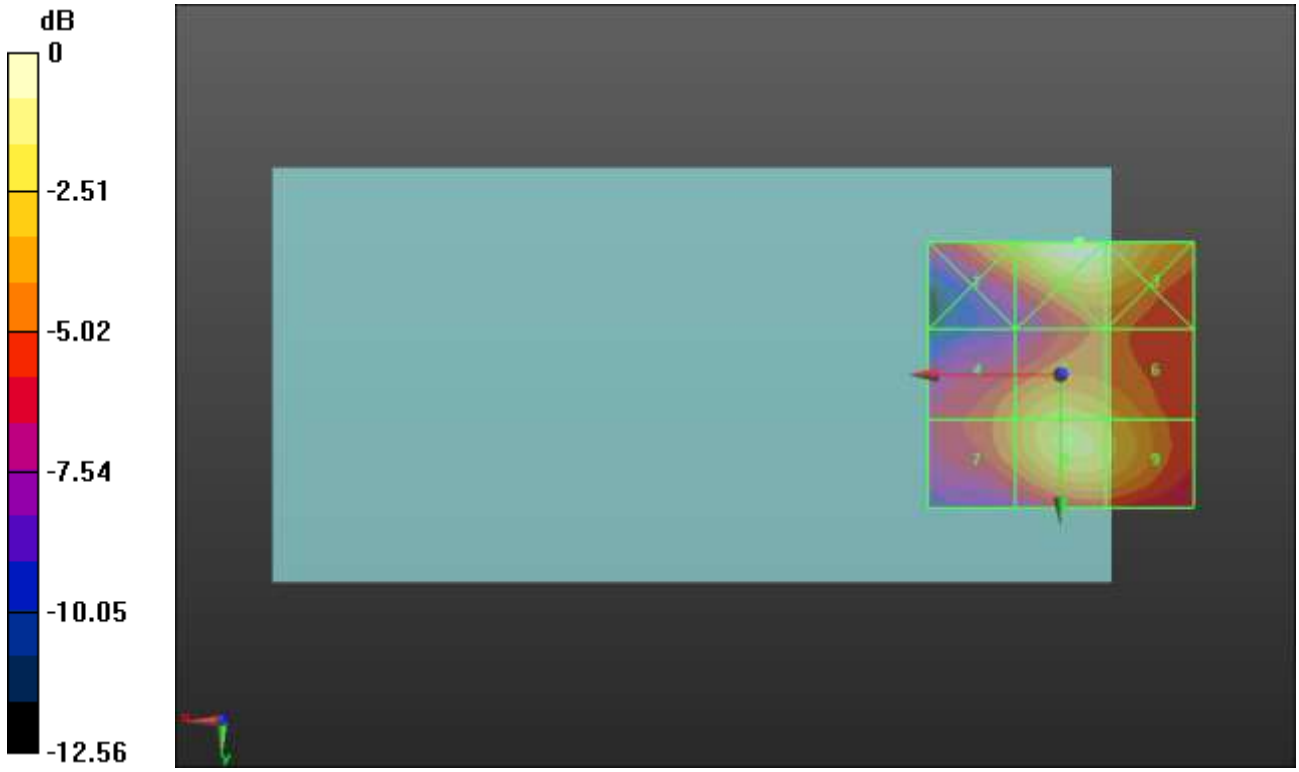
Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5280 MHz; Duty Cycle: 1:11.3763
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 56/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 41.11 V/m; Power Drift = -0.17 dB
Applied MIF = -3.15 dB
RF audio interference level = 28.90 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.9 dBV/m**	Grid 2 **M3** **30.25 dBV/m**	Grid 3 **M4** **29.73 dBV/m**
Grid 4 **M4** **26.48 dBV/m**	Grid 5 **M4** **28.44 dBV/m**	Grid 6 **M4** **27.62 dBV/m**
Grid 7 **M4** **26.6 dBV/m**	Grid 8 **M4** **28.9 dBV/m**	Grid 9 **M4** **28.2 dBV/m**



0 dB = 32.55 V/m = 30.25 dBV/m

HAC-RF Emission ANT 6

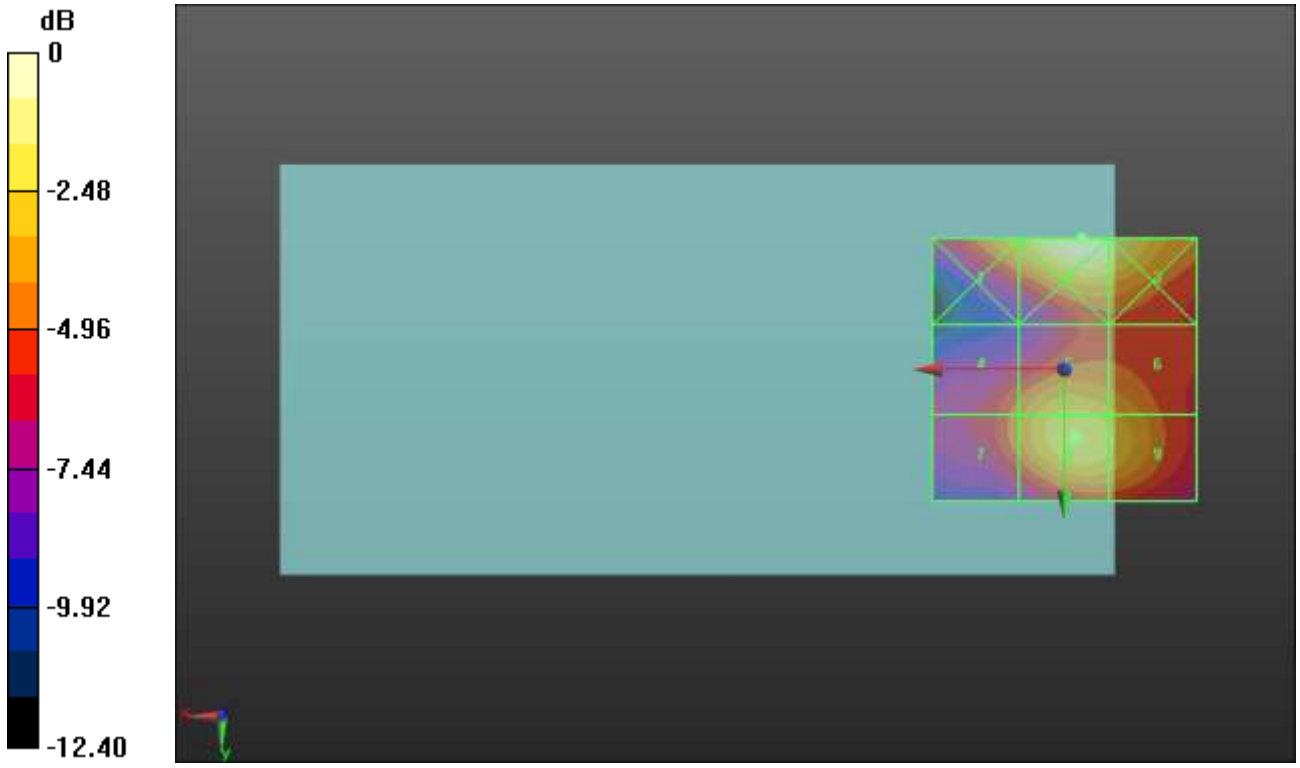
Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5300 MHz; Duty Cycle: 1:11.3763
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 60/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 39.66 V/m; Power Drift = -0.06 dB
Applied MIF = -3.15 dB
RF audio interference level = 28.86 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.07 dBV/m**	Grid 2 **M3** **30.41 dBV/m**	Grid 3 **M4** **29.86 dBV/m**
Grid 4 **M4** **26.1 dBV/m**	Grid 5 **M4** **28.29 dBV/m**	Grid 6 **M4** **27.52 dBV/m**
Grid 7 **M4** **26.29 dBV/m**	Grid 8 **M4** **28.86 dBV/m**	Grid 9 **M4** **28.14 dBV/m**



0 dB = 33.16 V/m = 30.41 dBV/m

HAC-RF Emission ANT 6

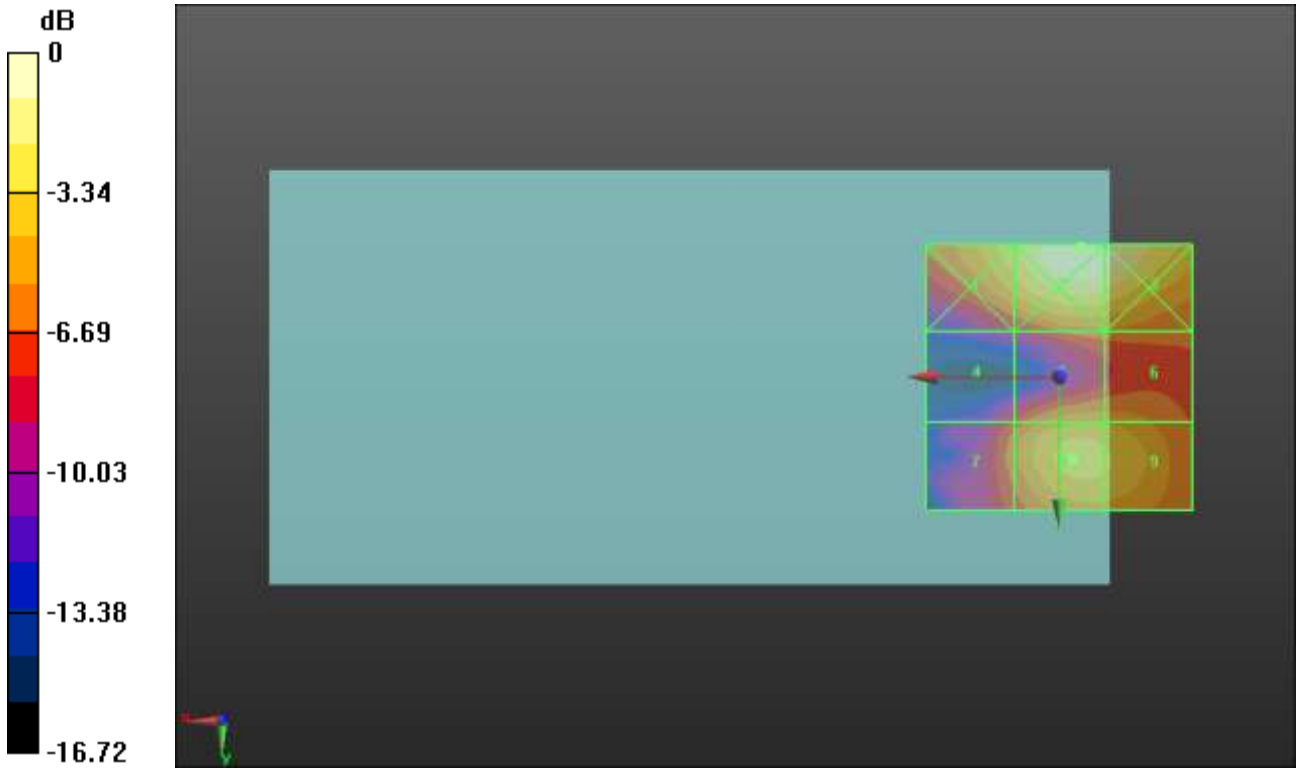
Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5520 MHz; Duty Cycle: 1:11.3763
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 104/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 22.48 V/m; Power Drift = 0.51 dB
Applied MIF = -3.15 dB
RF audio interference level = 26.99 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.48 dBV/m**	Grid 2 **M4** **29.91 dBV/m**	Grid 3 **M4** **29.45 dBV/m**
Grid 4 **M4** **22.44 dBV/m**	Grid 5 **M4** **25.45 dBV/m**	Grid 6 **M4** **25.33 dBV/m**
Grid 7 **M4** **24.07 dBV/m**	Grid 8 **M4** **26.99 dBV/m**	Grid 9 **M4** **26.72 dBV/m**



0 dB = 31.28 V/m = 29.91 dBV/m

HAC-RF Emission ANT 6

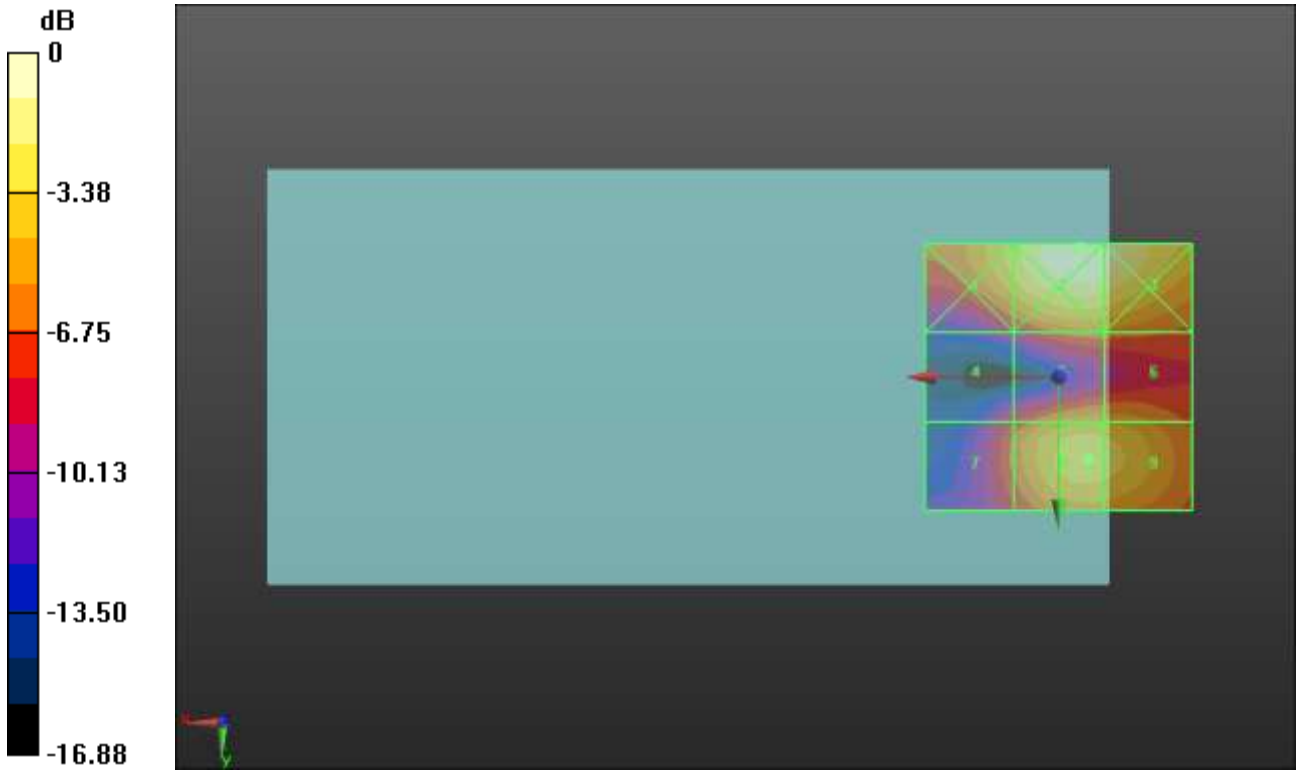
Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5620 MHz; Duty Cycle: 1:11.3763
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 124/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 19.98 V/m; Power Drift = -0.08 dB
Applied MIF = -3.15 dB
RF audio interference level = 26.25 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.12 dBV/m**	Grid 2 **M4** **28.8 dBV/m**	Grid 3 **M4** **28.34 dBV/m**
Grid 4 **M4** **20.84 dBV/m**	Grid 5 **M4** **24.33 dBV/m**	Grid 6 **M4** **24.25 dBV/m**
Grid 7 **M4** **22.54 dBV/m**	Grid 8 **M4** **26.25 dBV/m**	Grid 9 **M4** **26.01 dBV/m**



0 dB = 27.55 V/m = 28.80 dBV/m

HAC-RF Emission ANT 6

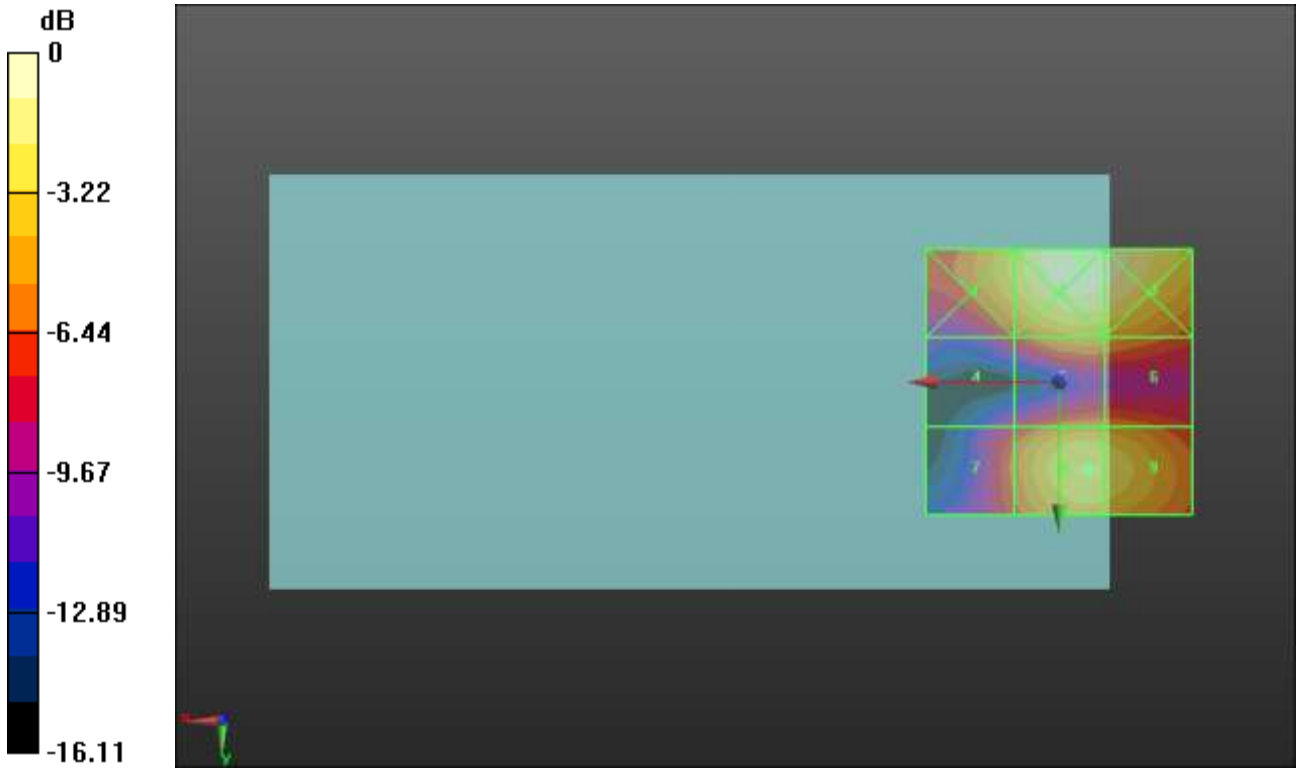
Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5720 MHz; Duty Cycle: 1:11.3763
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 144/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 19.56 V/m; Power Drift = -0.18 dB
Applied MIF = -3.15 dB
RF audio interference level = 25.74 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.06 dBV/m**	Grid 2 **M4** **27.77 dBV/m**	Grid 3 **M4** **27.35 dBV/m**
Grid 4 **M4** **20.39 dBV/m**	Grid 5 **M4** **23.43 dBV/m**	Grid 6 **M4** **23.19 dBV/m**
Grid 7 **M4** **21.98 dBV/m**	Grid 8 **M4** **25.74 dBV/m**	Grid 9 **M4** **25.51 dBV/m**



0 dB = 24.46 V/m = 27.77 dBV/m

HAC-RF Emission ANT 6

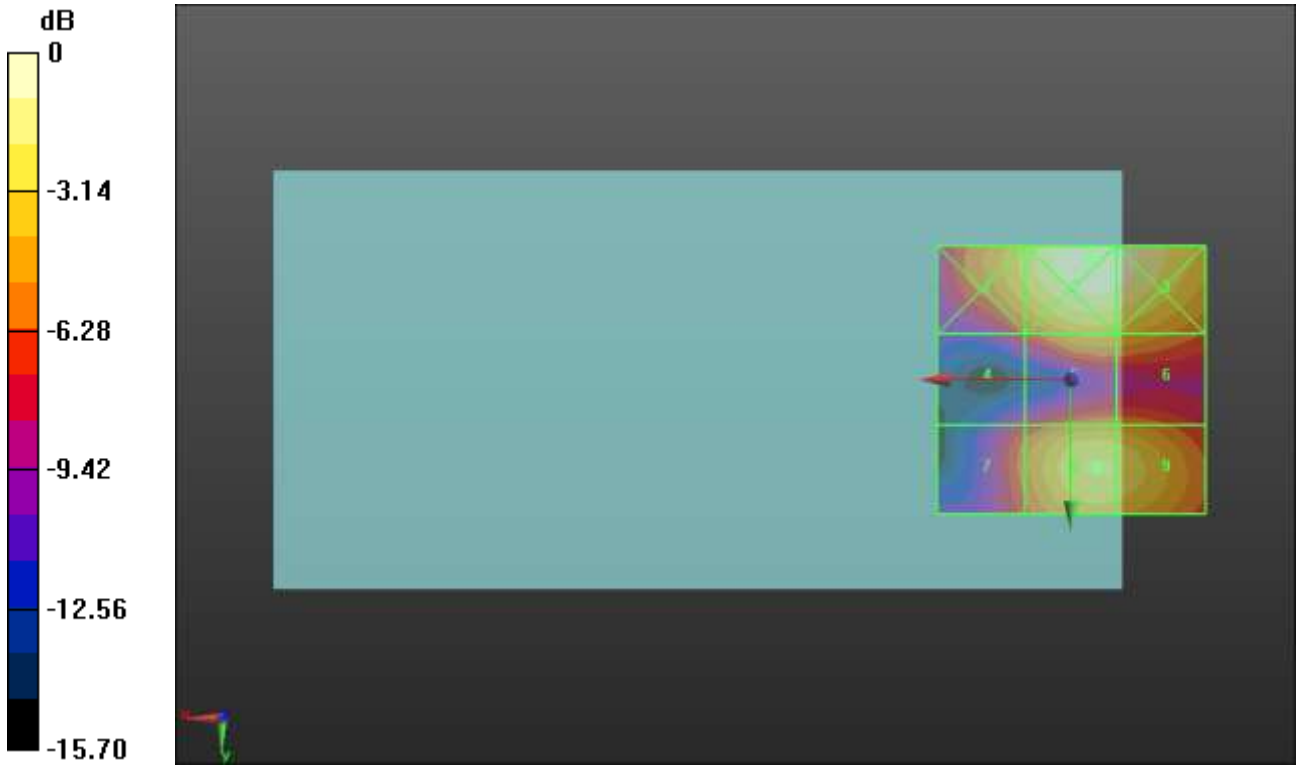
Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5745 MHz; Duty Cycle: 1:11.3763
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 149/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 21.82 V/m; Power Drift = -0.89 dB
Applied MIF = -3.15 dB
RF audio interference level = 25.74 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.98 dBV/m**	Grid 2 **M4** **27.66 dBV/m**	Grid 3 **M4** **27.29 dBV/m**
Grid 4 **M4** **20.69 dBV/m**	Grid 5 **M4** **23.8 dBV/m**	Grid 6 **M4** **23.65 dBV/m**
Grid 7 **M4** **22.26 dBV/m**	Grid 8 **M4** **25.74 dBV/m**	Grid 9 **M4** **25.47 dBV/m**



0 dB = 24.15 V/m = 27.66 dBV/m

HAC-RF Emission ANT 6

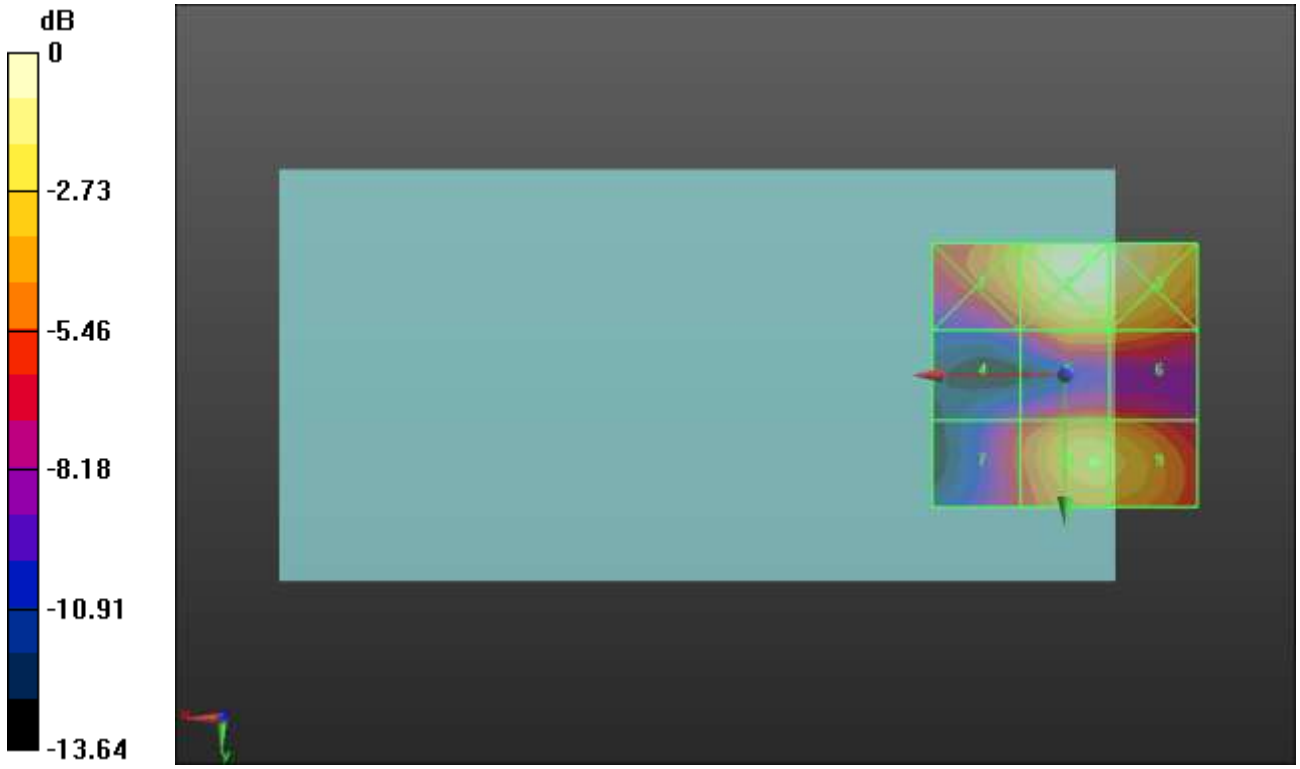
Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5785 MHz; Duty Cycle: 1:11.3763
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 157/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 18.39 V/m; Power Drift = 0.02 dB
Applied MIF = -3.15 dB
RF audio interference level = 25.34 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.68 dBV/m**	Grid 2 **M4** **27.39 dBV/m**	Grid 3 **M4** **27.08 dBV/m**
Grid 4 **M4** **20.1 dBV/m**	Grid 5 **M4** **23.65 dBV/m**	Grid 6 **M4** **23.39 dBV/m**
Grid 7 **M4** **21.72 dBV/m**	Grid 8 **M4** **25.34 dBV/m**	Grid 9 **M4** **25.1 dBV/m**



0 dB = 23.40 V/m = 27.38 dBV/m

HAC-RF Emission ANT 6

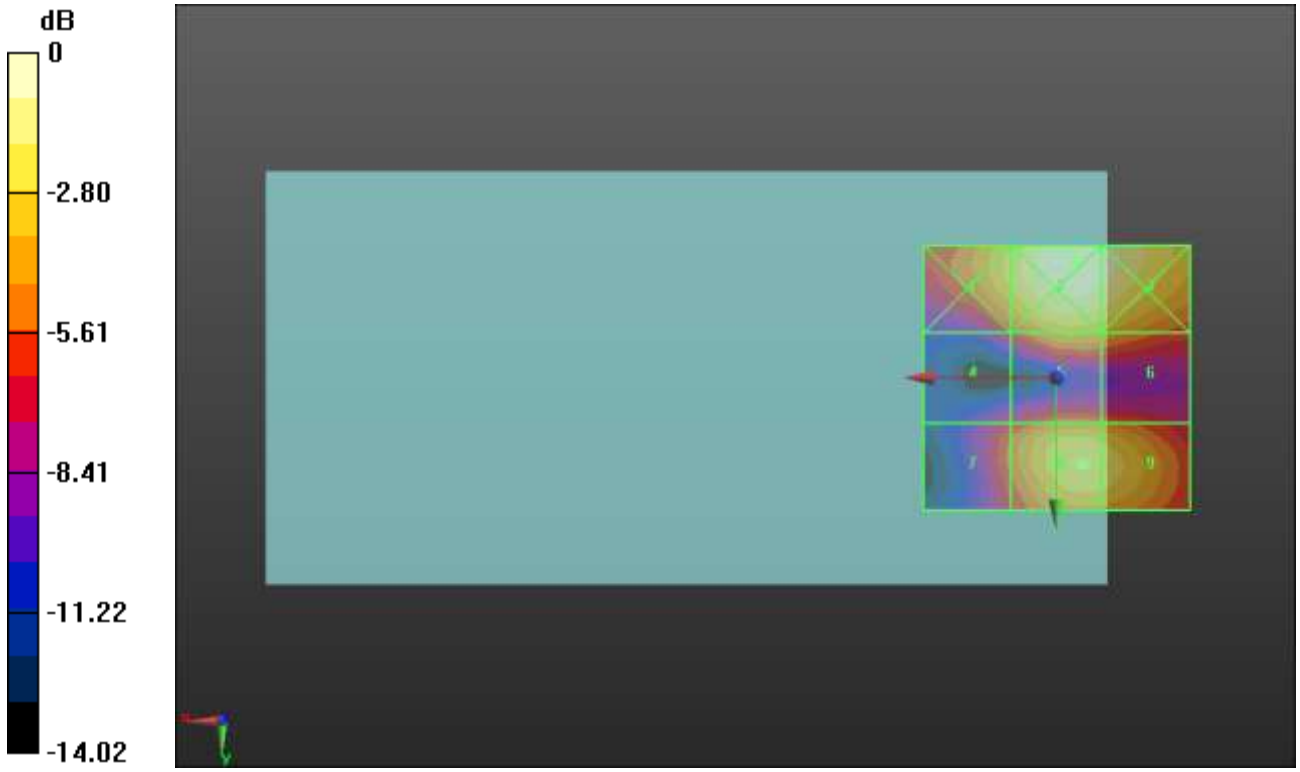
Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5825 MHz; Duty Cycle: 1:11.3763
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/16/2018;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 165/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 17.92 V/m; Power Drift = -0.18 dB
Applied MIF = -3.15 dB
RF audio interference level = 25.38 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.85 dBV/m**	Grid 2 **M4** **27.15 dBV/m**	Grid 3 **M4** **26.71 dBV/m**
Grid 4 **M4** **20.55 dBV/m**	Grid 5 **M4** **23.77 dBV/m**	Grid 6 **M4** **23.32 dBV/m**
Grid 7 **M4** **22.02 dBV/m**	Grid 8 **M4** **25.38 dBV/m**	Grid 9 **M4** **25.07 dBV/m**



0 dB = 22.79 V/m = 27.15 dBV/m