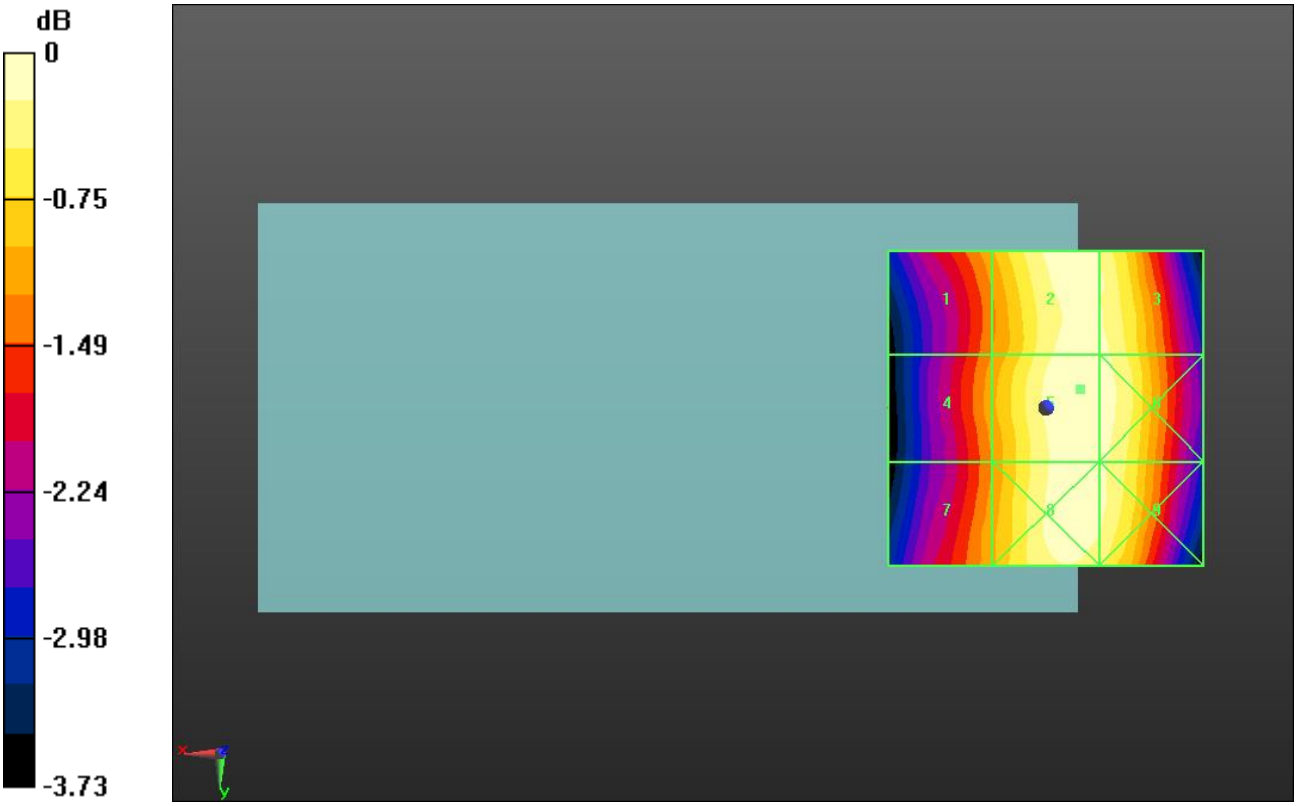
HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- 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 = 66.56 V/m; Power Drift = -0.07 dB
Applied MIF = 3.63 dB
RF audio interference level = 38.30 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **37.3 dBV/m**	Grid 2 **M4** **38.21 dBV/m**	Grid 3 **M4** **38.16 dBV/m**
Grid 4 **M4** **37.25 dBV/m**	Grid 5 **M4** **38.3 dBV/m**	Grid 6 **M4** **38.23 dBV/m**
Grid 7 **M4** **37.26 dBV/m**	Grid 8 **M4** **38.24 dBV/m**	Grid 9 **M4** **38.13 dBV/m**



0 dB = 82.23 V/m = 38.30 dBV/m

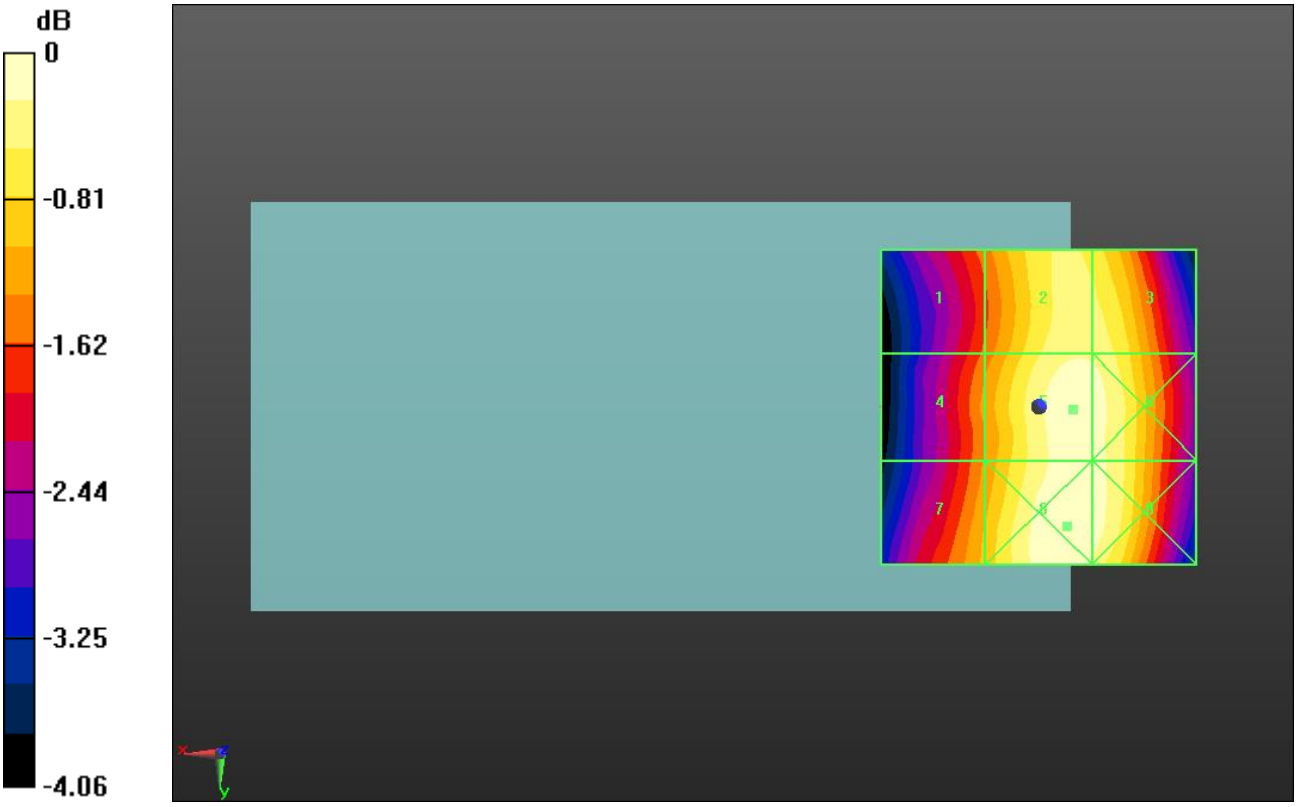
HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- 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 = 58.53 V/m; Power Drift = 0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 37.29 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **35.93 dBV/m**	Grid 2 **M4** **37.08 dBV/m**	Grid 3 **M4** **37.06 dBV/m**
Grid 4 **M4** **36.13 dBV/m**	Grid 5 **M4** **37.29 dBV/m**	Grid 6 **M4** **37.25 dBV/m**
Grid 7 **M4** **36.38 dBV/m**	Grid 8 **M4** **37.38 dBV/m**	Grid 9 **M4** **37.28 dBV/m**



0 dB = 73.94 V/m = 37.38 dBV/m

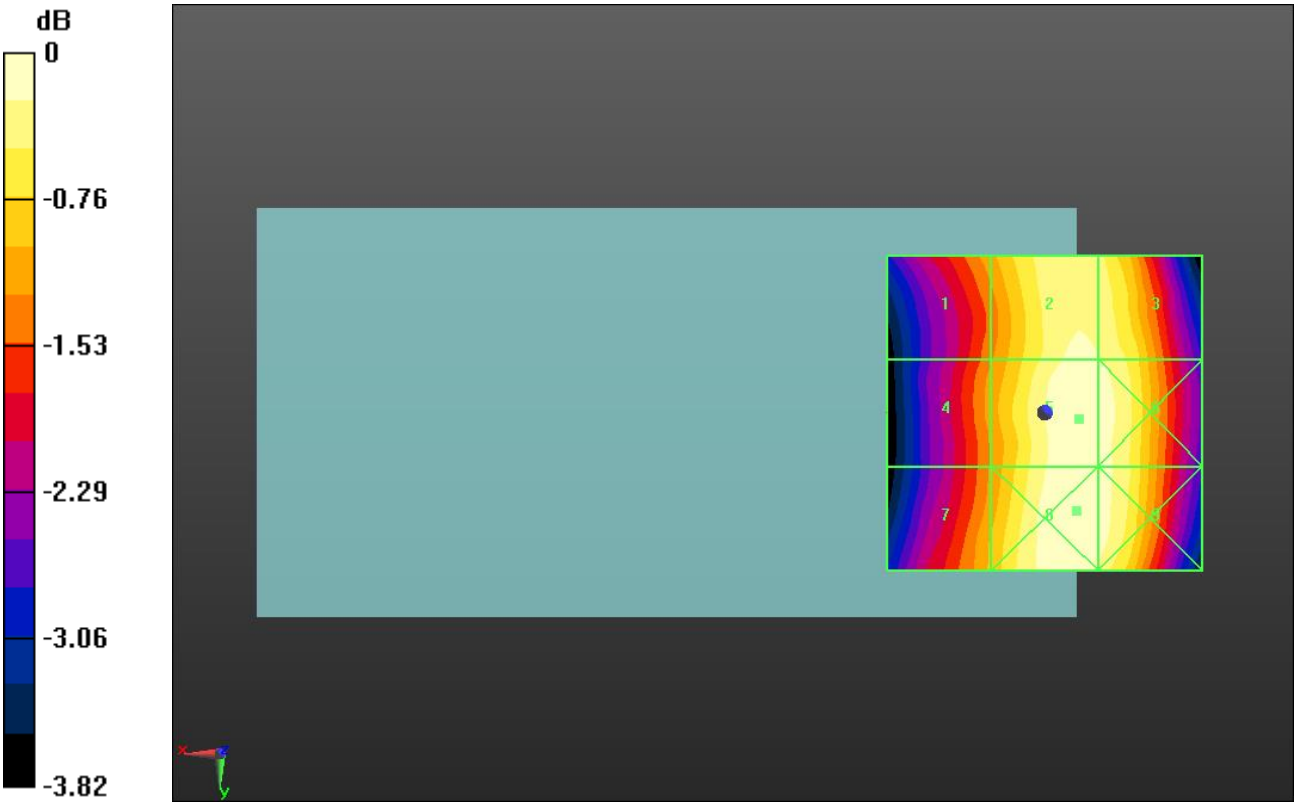
HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- 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 = 52.97 V/m; Power Drift = 0.00 dB
Applied MIF = 3.63 dB
RF audio interference level = 36.38 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **35.36 dBV/m**	Grid 2 **M4** **36.25 dBV/m**	Grid 3 **M4** **36.2 dBV/m**
Grid 4 **M4** **35.29 dBV/m**	Grid 5 **M4** **36.38 dBV/m**	Grid 6 **M4** **36.35 dBV/m**
Grid 7 **M4** **35.48 dBV/m**	Grid 8 **M4** **36.43 dBV/m**	Grid 9 **M4** **36.33 dBV/m**



0 dB = 66.33 V/m = 36.43 dBV/m

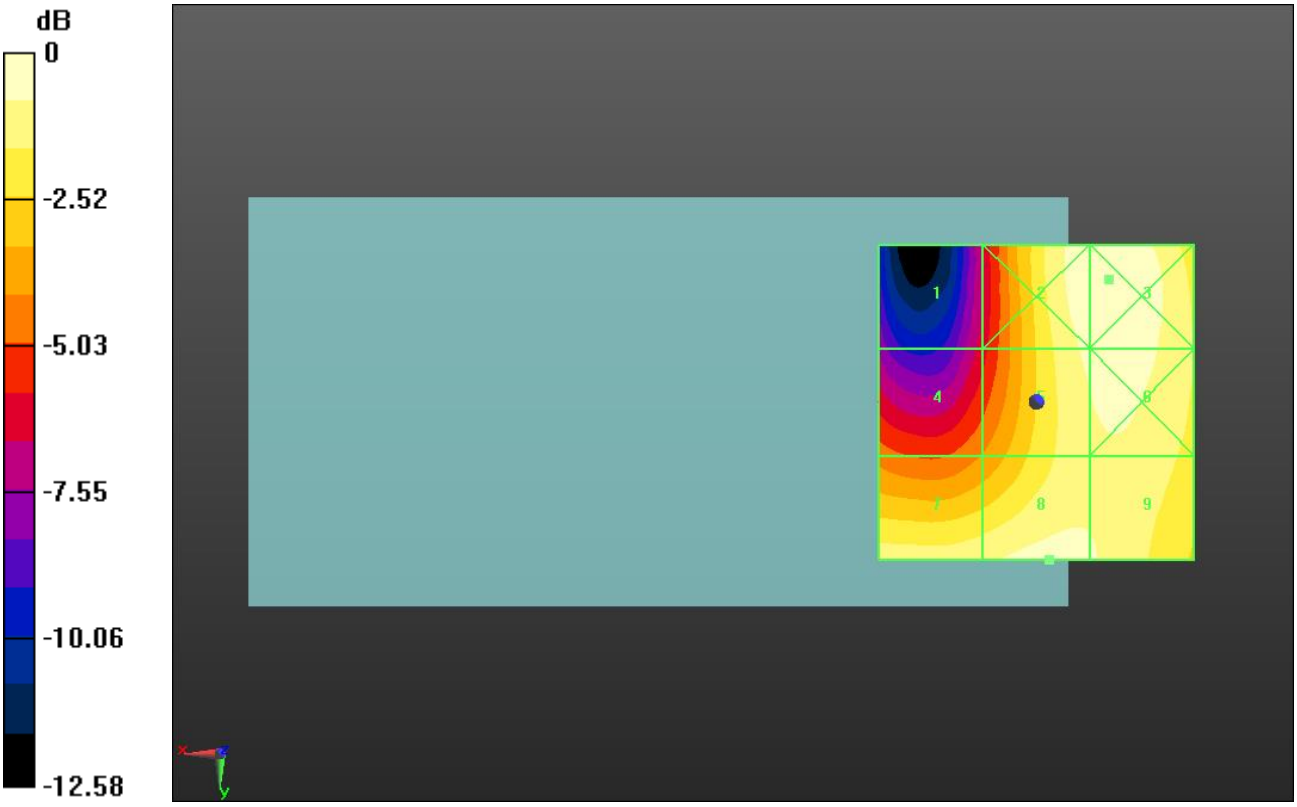
HAC-RF Emission

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- 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 = 25.17 V/m; Power Drift = -0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 31.67 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **25.99 dBV/m**	Grid 2 **M3** **32.02 dBV/m**	Grid 3 **M3** **32.19 dBV/m**
Grid 4 **M4** **28.07 dBV/m**	Grid 5 **M3** **31.58 dBV/m**	Grid 6 **M3** **31.82 dBV/m**
Grid 7 **M3** **31.18 dBV/m**	Grid 8 **M3** **31.67 dBV/m**	Grid 9 **M3** **31.44 dBV/m**



0 dB = 40.69 V/m = 32.19 dBV/m

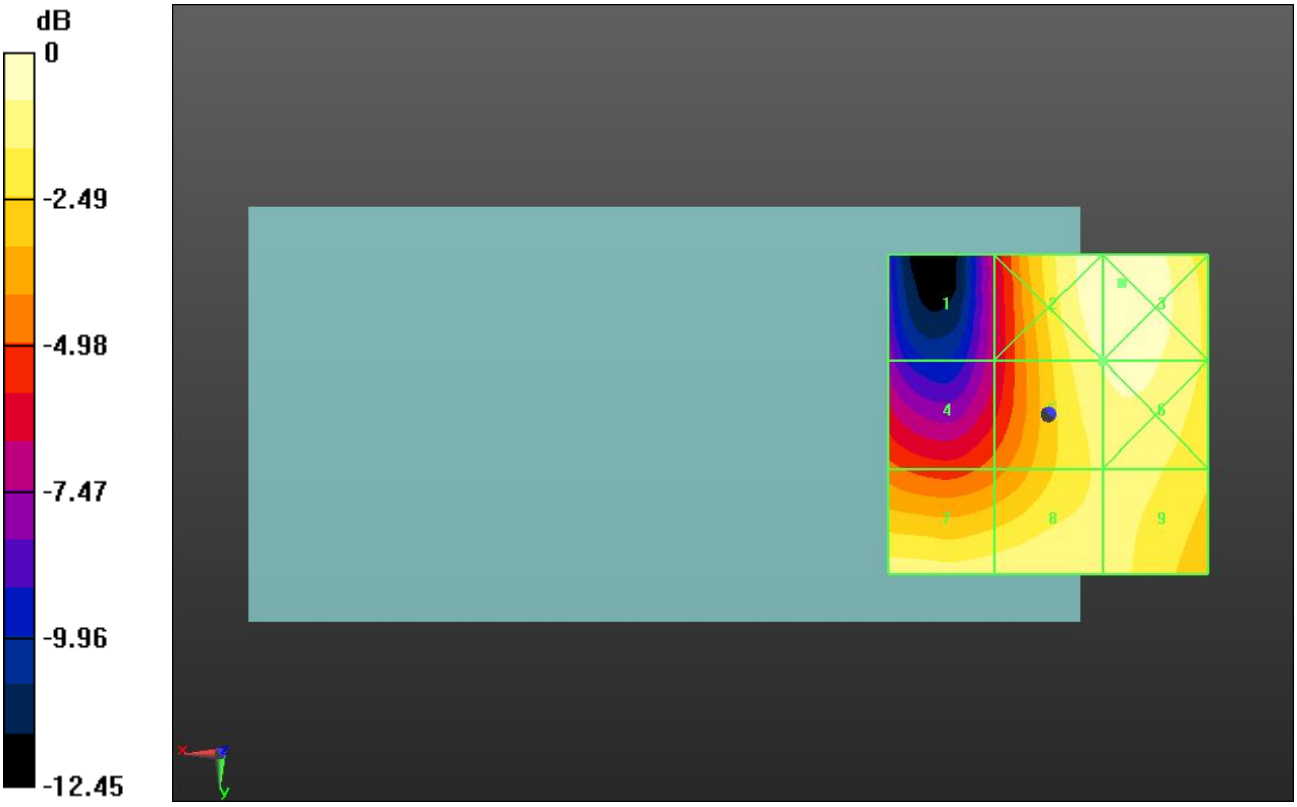
HAC-RF Emission

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- 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 = 22.69 V/m; Power Drift = 0.05 dB
Applied MIF = 3.63 dB
RF audio interference level = 31.00 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **25.1 dBV/m**	Grid 2 **M3** **31.57 dBV/m**	Grid 3 **M3** **31.74 dBV/m**
Grid 4 **M4** **27.2 dBV/m**	Grid 5 **M3** **31 dBV/m**	Grid 6 **M3** **31.21 dBV/m**
Grid 7 **M3** **30.67 dBV/m**	Grid 8 **M3** **30.92 dBV/m**	Grid 9 **M3** **30.53 dBV/m**



0 dB = 38.63 V/m = 31.74 dBV/m

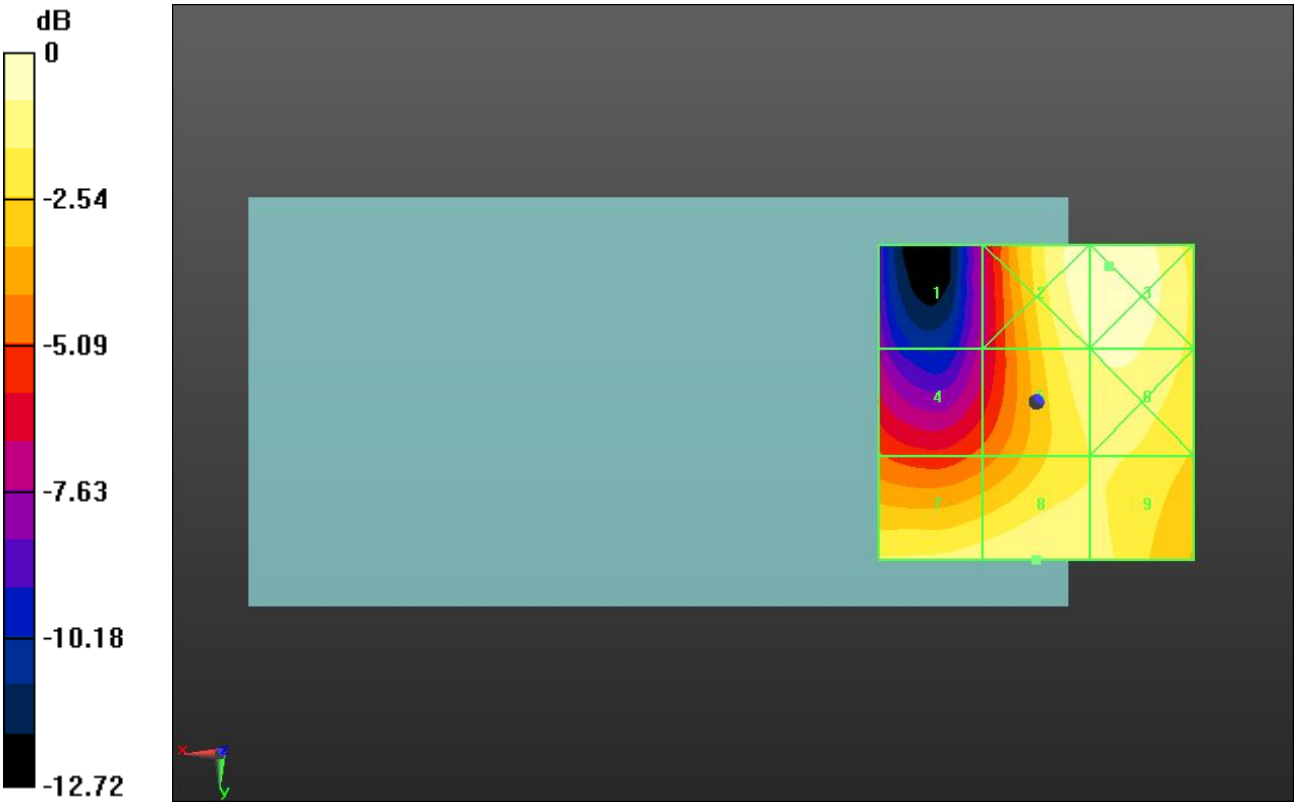
HAC-RF Emission

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- 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 = 23.58 V/m; Power Drift = 0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 31.29 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **25.17 dBV/m**	Grid 2 **M3** **31.99 dBV/m**	Grid 3 **M3** **32.14 dBV/m**
Grid 4 **M4** **27.41 dBV/m**	Grid 5 **M3** **31.27 dBV/m**	Grid 6 **M3** **31.49 dBV/m**
Grid 7 **M3** **30.97 dBV/m**	Grid 8 **M3** **31.29 dBV/m**	Grid 9 **M3** **30.87 dBV/m**



0 dB = 40.44 V/m = 32.14 dBV/m

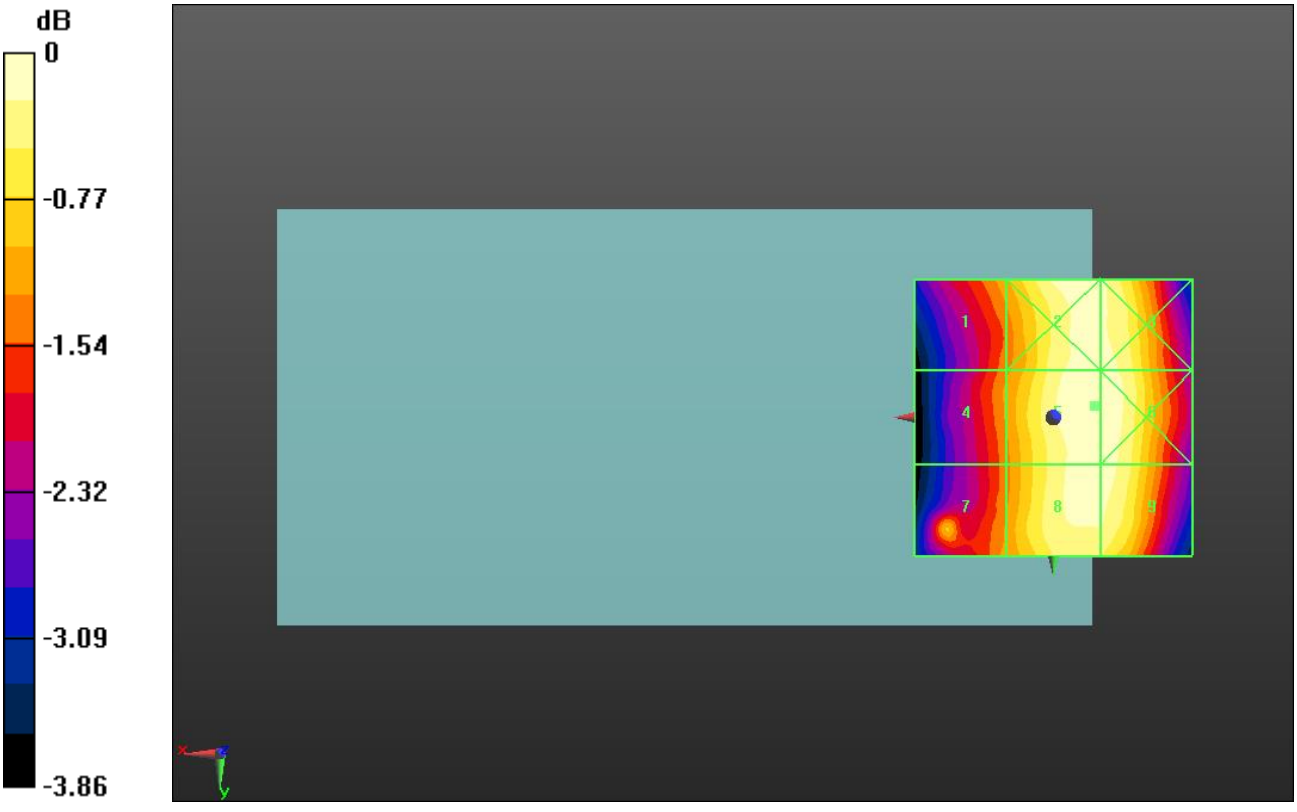
HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- 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/Voice_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 = 22.76 V/m; Power Drift = 0.01 dB
Applied MIF = 3.26 dB
RF audio interference level = 28.79 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.72 dBV/m**	Grid 2 **M4** **28.74 dBV/m**	Grid 3 **M4** **28.69 dBV/m**
Grid 4 **M4** **27.57 dBV/m**	Grid 5 **M4** **28.79 dBV/m**	Grid 6 **M4** **28.78 dBV/m**
Grid 7 **M4** **27.8 dBV/m**	Grid 8 **M4** **28.7 dBV/m**	Grid 9 **M4** **28.7 dBV/m**



0 dB = 27.51 V/m = 28.79 dBV/m

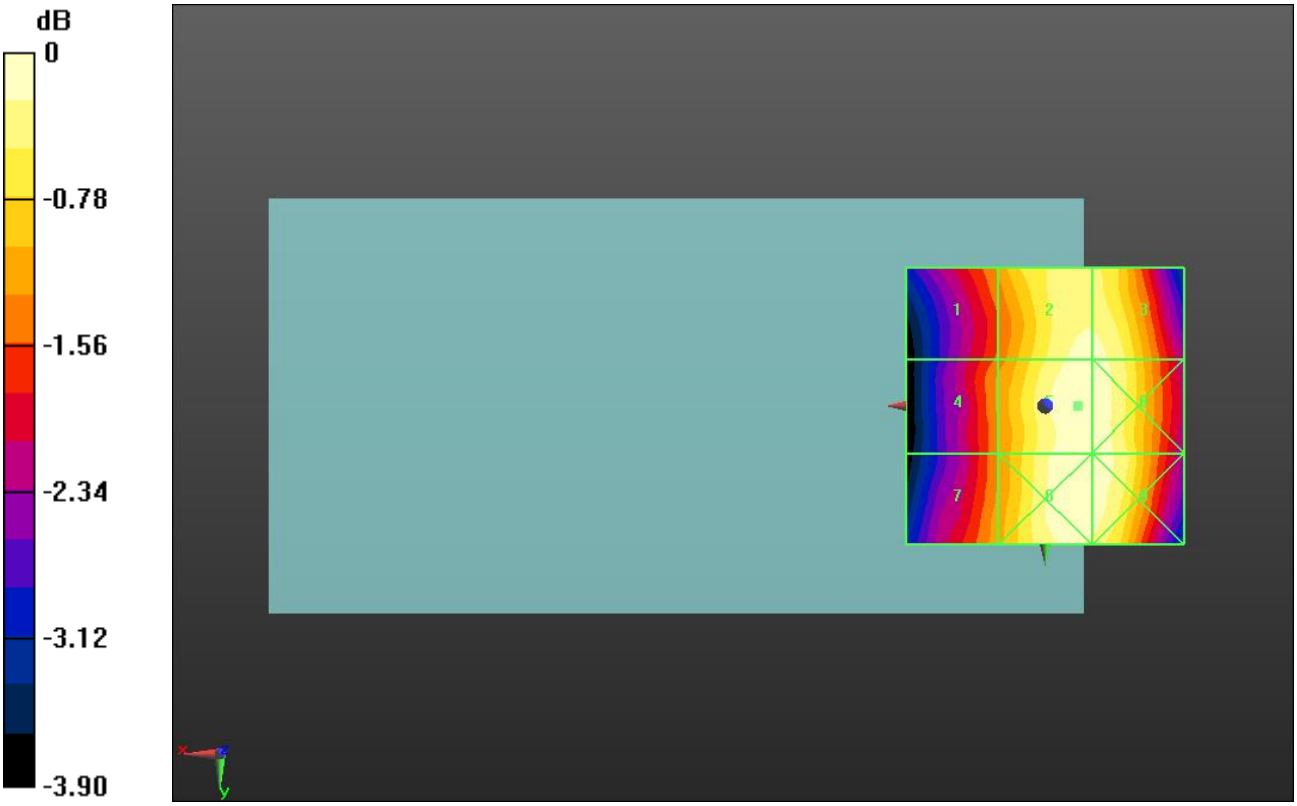
HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- 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/Voice_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 = 21.36 V/m; Power Drift = 0.01 dB
Applied MIF = 3.26 dB
RF audio interference level = 28.25 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.01 dBV/m**	Grid 2 **M4** **28.1 dBV/m**	Grid 3 **M4** **28.1 dBV/m**
Grid 4 **M4** **27.01 dBV/m**	Grid 5 **M4** **28.25 dBV/m**	Grid 6 **M4** **28.19 dBV/m**
Grid 7 **M4** **27.13 dBV/m**	Grid 8 **M4** **28.22 dBV/m**	Grid 9 **M4** **28.18 dBV/m**



0 dB = 25.85 V/m = 28.25 dBV/m

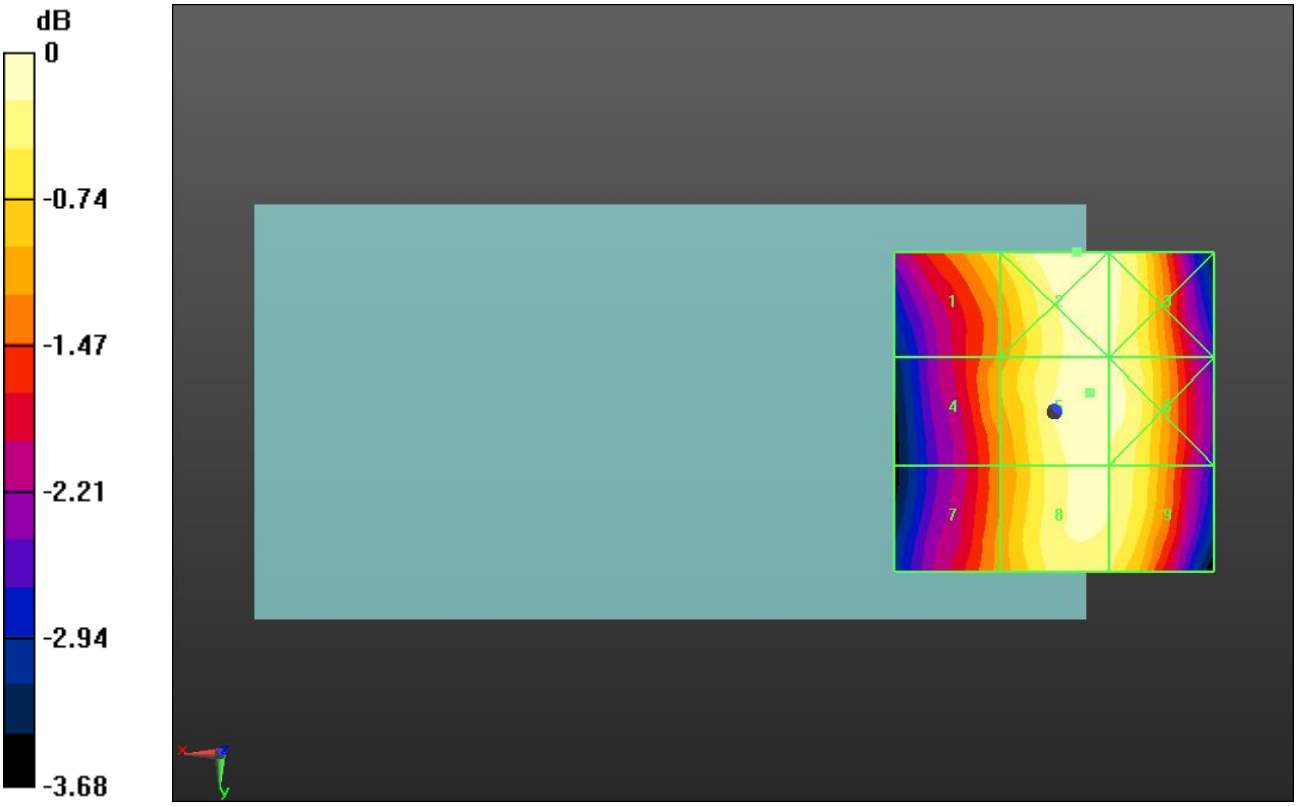
HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- 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/Voice_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 = 20.17 V/m; Power Drift = 0.04 dB
Applied MIF = 3.26 dB
RF audio interference level = 27.68 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.09 dBV/m**	Grid 2 **M4** **27.75 dBV/m**	Grid 3 **M4** **27.64 dBV/m**
Grid 4 **M4** **26.77 dBV/m**	Grid 5 **M4** **27.68 dBV/m**	Grid 6 **M4** **27.66 dBV/m**
Grid 7 **M4** **26.62 dBV/m**	Grid 8 **M4** **27.6 dBV/m**	Grid 9 **M4** **27.52 dBV/m**



0 dB = 24.39 V/m = 27.74 dBV/m

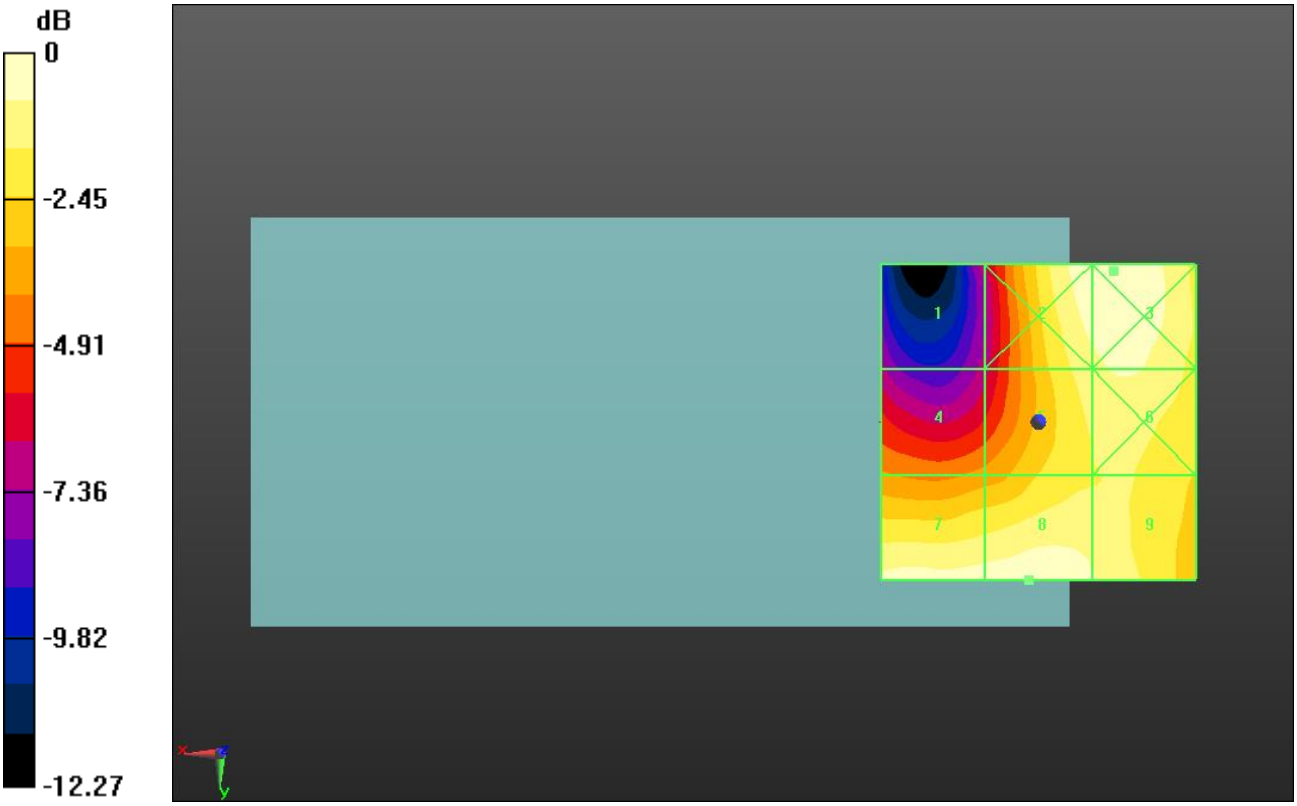
HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- 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/Voice_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 = 12.50 V/m; Power Drift = -0.04 dB
Applied MIF = 3.26 dB
RF audio interference level = 26.45 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.93 dBV/m**	Grid 2 **M4** **26.35 dBV/m**	Grid 3 **M4** **26.55 dBV/m**
Grid 4 **M4** **22.85 dBV/m**	Grid 5 **M4** **25.47 dBV/m**	Grid 6 **M4** **25.86 dBV/m**
Grid 7 **M4** **26.22 dBV/m**	Grid 8 **M4** **26.45 dBV/m**	Grid 9 **M4** **25.81 dBV/m**



0 dB = 21.25 V/m = 26.55 dBV/m

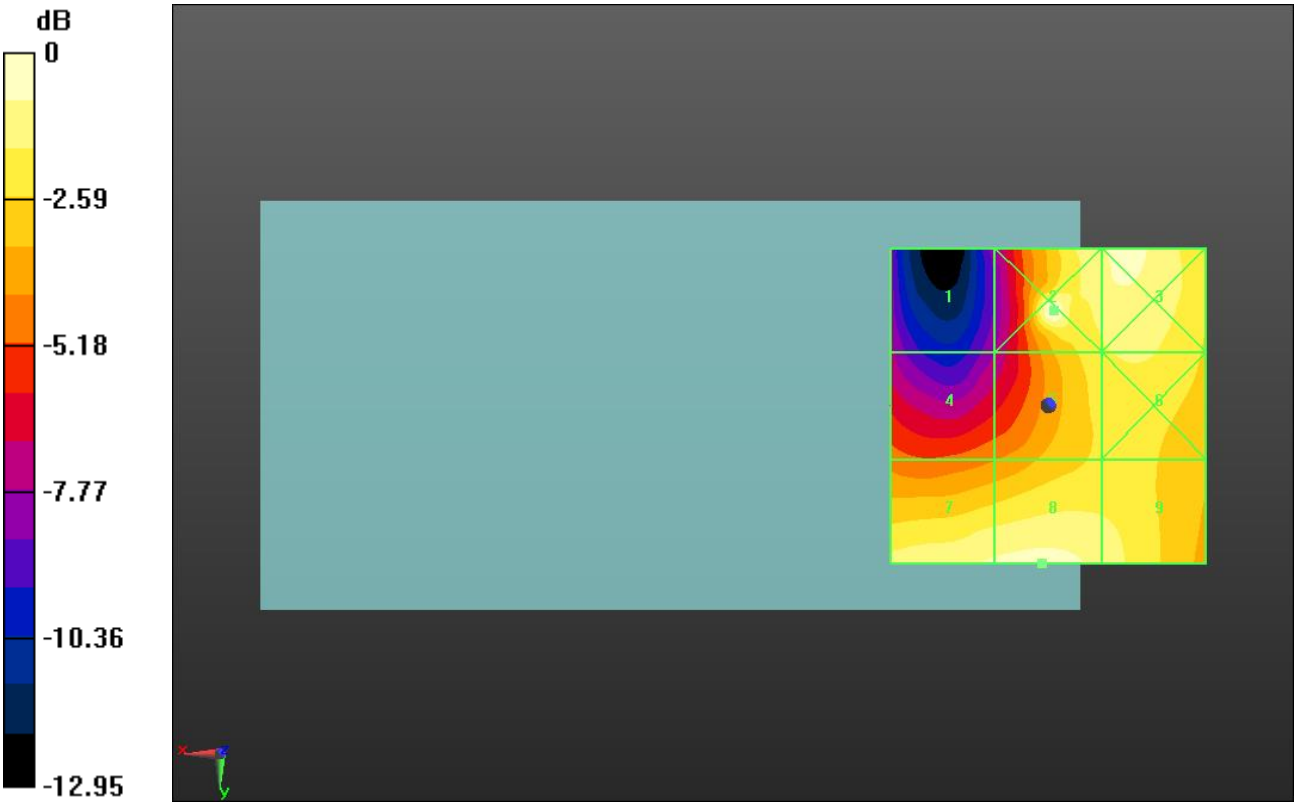
HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- 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/Voice_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 = 11.63 V/m; Power Drift = -0.06 dB
Applied MIF = 3.26 dB
RF audio interference level = 26.19 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.27 dBV/m**	Grid 2 **M4** **26.68 dBV/m**	Grid 3 **M4** **25.99 dBV/m**
Grid 4 **M4** **22.32 dBV/m**	Grid 5 **M4** **24.77 dBV/m**	Grid 6 **M4** **25.11 dBV/m**
Grid 7 **M4** **25.95 dBV/m**	Grid 8 **M4** **26.19 dBV/m**	Grid 9 **M4** **25.48 dBV/m**



0 dB = 21.58 V/m = 26.68 dBV/m

HAC-RF Emission

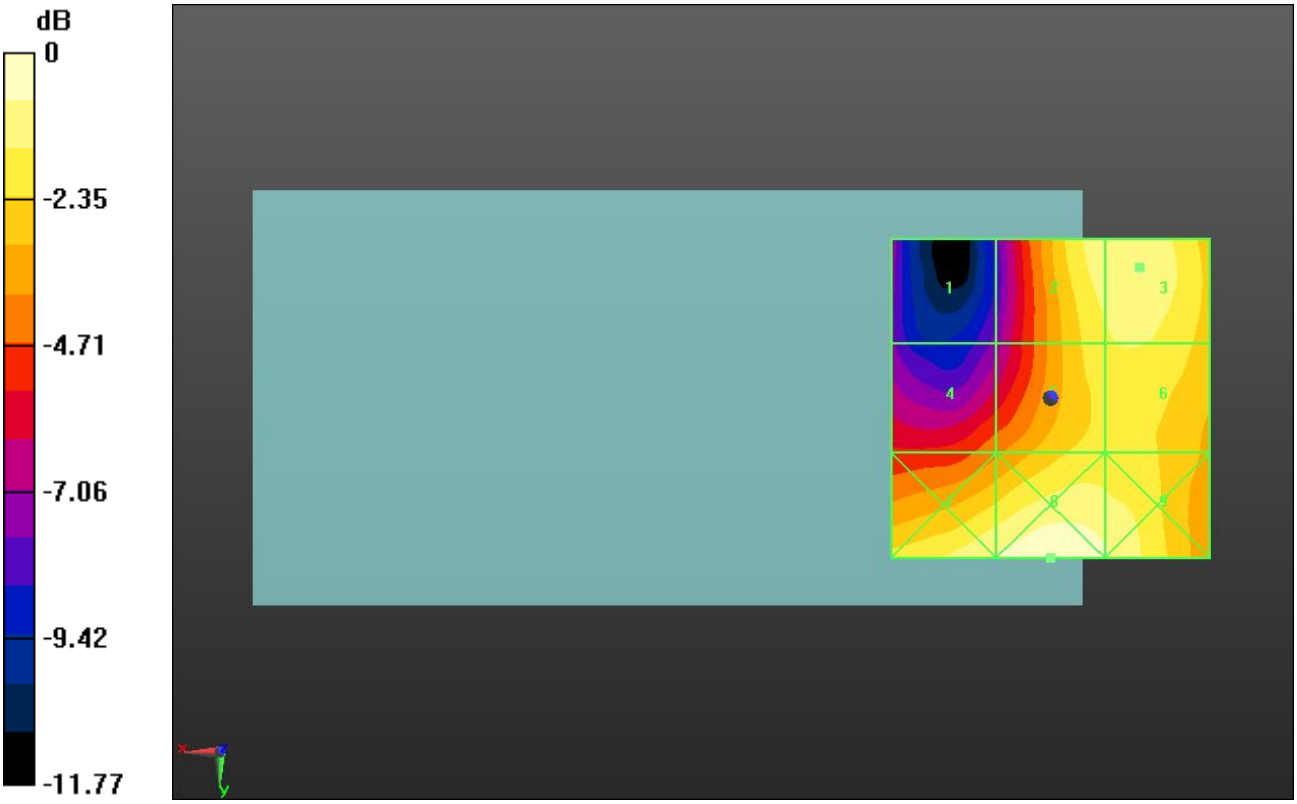
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- 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/Voice_ch 1175/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 12.08 V/m; Power Drift = 0.04 dB
Applied MIF = 3.26 dB
RF audio interference level = 25.73 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.75 dBV/m**	Grid 2 **M4** **25.49 dBV/m**	Grid 3 **M4** **25.73 dBV/m**
Grid 4 **M4** **22.47 dBV/m**	Grid 5 **M4** **24.82 dBV/m**	Grid 6 **M4** **25.05 dBV/m**
Grid 7 **M4** **25.93 dBV/m**	Grid 8 **M4** **26.57 dBV/m**	Grid 9 **M4** **25.93 dBV/m**



0 dB = 21.30 V/m = 26.57 dBV/m

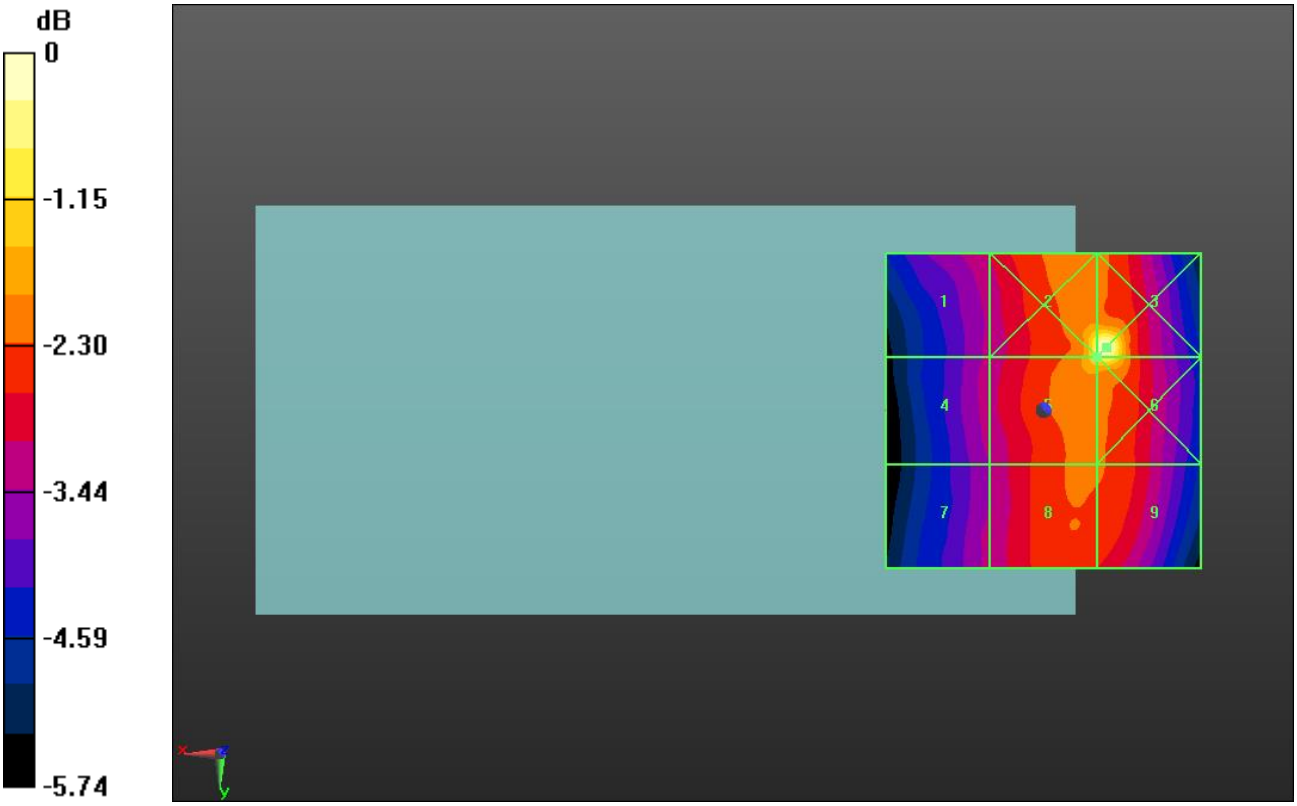
HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- 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/Voice_ch 476/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 21.81 V/m; Power Drift = -0.04 dB
Applied MIF = 3.26 dB
RF audio interference level = 29.66 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.52 dBV/m**	Grid 2 **M4** **30.05 dBV/m**	Grid 3 **M4** **30.51 dBV/m**
Grid 4 **M4** **27.32 dBV/m**	Grid 5 **M4** **29.66 dBV/m**	Grid 6 **M4** **29.98 dBV/m**
Grid 7 **M4** **27.23 dBV/m**	Grid 8 **M4** **28.29 dBV/m**	Grid 9 **M4** **28.28 dBV/m**



0 dB = 33.55 V/m = 30.51 dBV/m

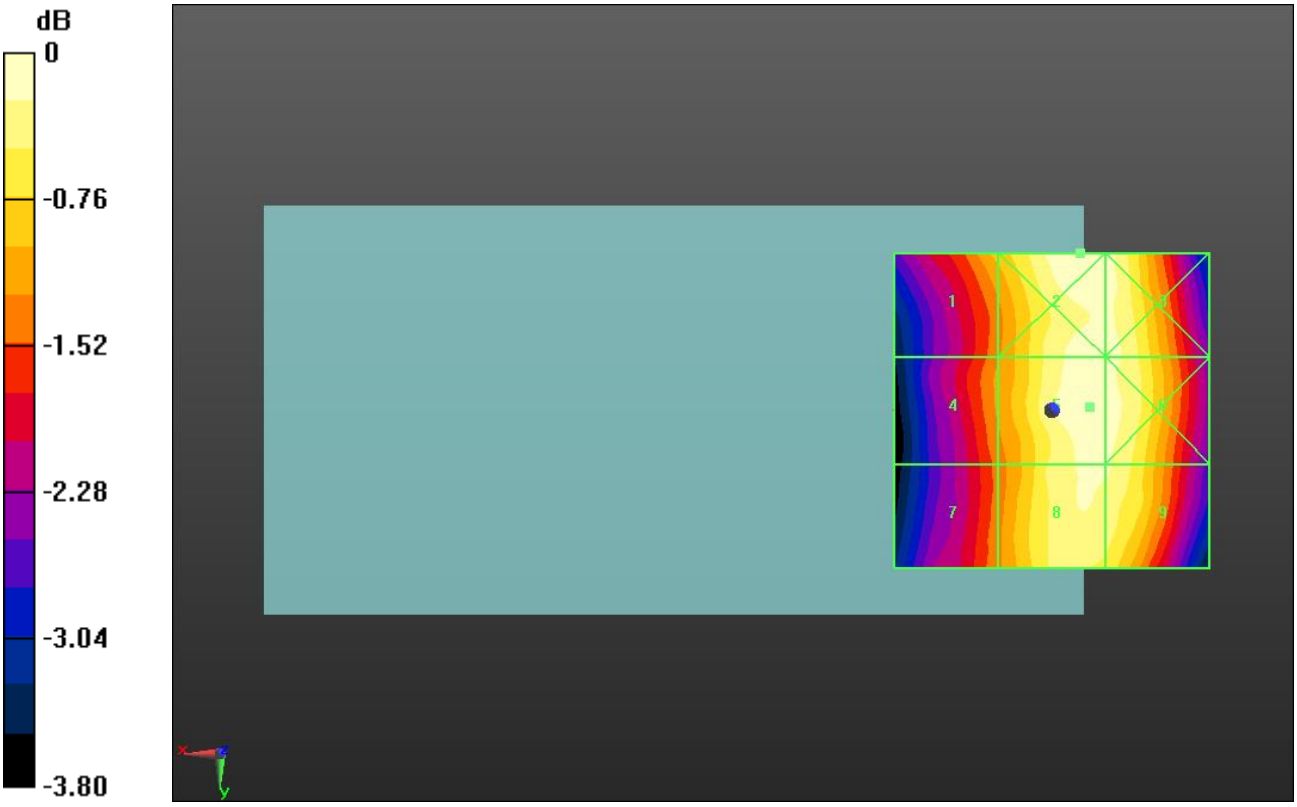
HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- 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/Voice_ch 580/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 22.54 V/m; Power Drift = -0.02 dB
Applied MIF = 3.26 dB
RF audio interference level = 28.63 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.86 dBV/m**	Grid 2 **M4** **28.74 dBV/m**	Grid 3 **M4** **28.62 dBV/m**
Grid 4 **M4** **27.55 dBV/m**	Grid 5 **M4** **28.63 dBV/m**	Grid 6 **M4** **28.61 dBV/m**
Grid 7 **M4** **27.42 dBV/m**	Grid 8 **M4** **28.53 dBV/m**	Grid 9 **M4** **28.52 dBV/m**



0 dB = 27.35 V/m = 28.74 dBV/m

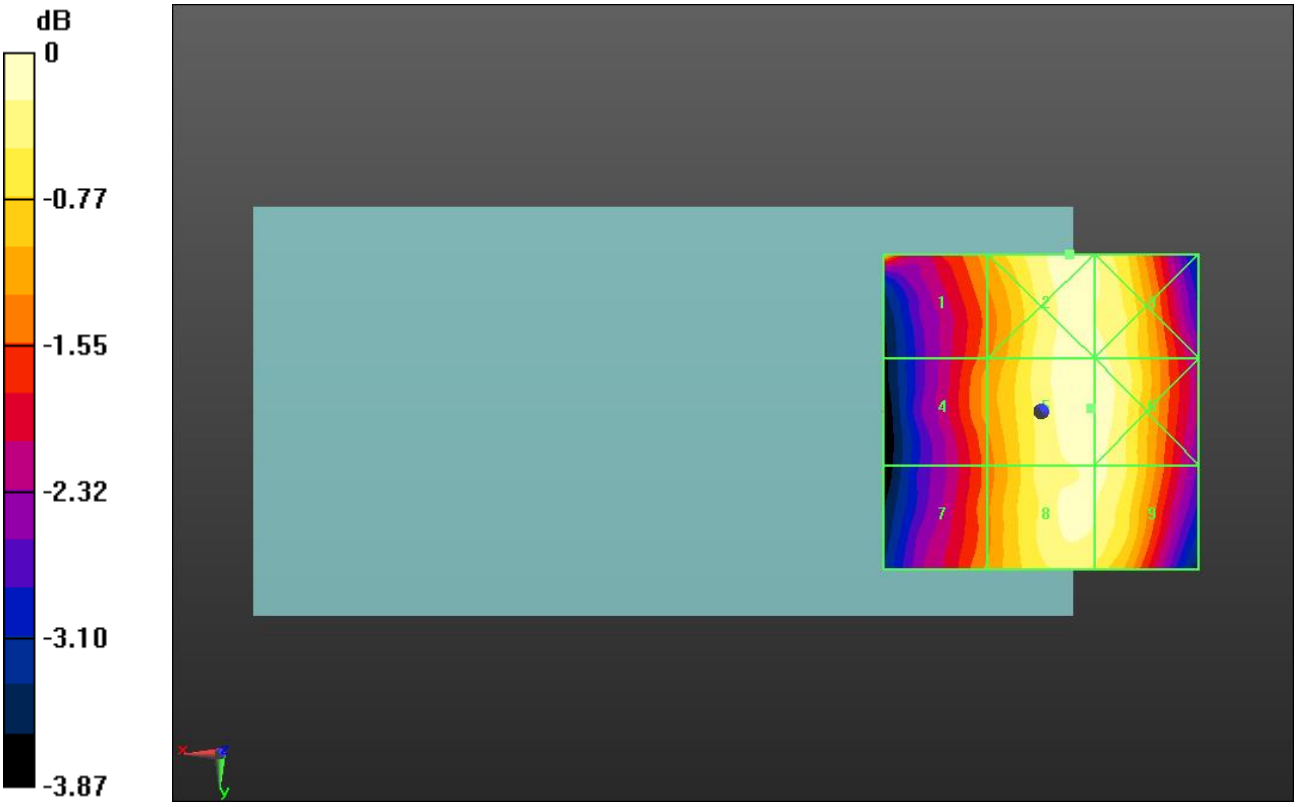
HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- 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/Voice_ch 684/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 22.79 V/m; Power Drift = -0.06 dB
Applied MIF = 3.26 dB
RF audio interference level = 28.74 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.24 dBV/m**	Grid 2 **M4** **28.82 dBV/m**	Grid 3 **M4** **28.65 dBV/m**
Grid 4 **M4** **27.66 dBV/m**	Grid 5 **M4** **28.74 dBV/m**	Grid 6 **M4** **28.74 dBV/m**
Grid 7 **M4** **27.59 dBV/m**	Grid 8 **M4** **28.69 dBV/m**	Grid 9 **M4** **28.64 dBV/m**



0 dB = 27.59 V/m = 28.82 dBV/m

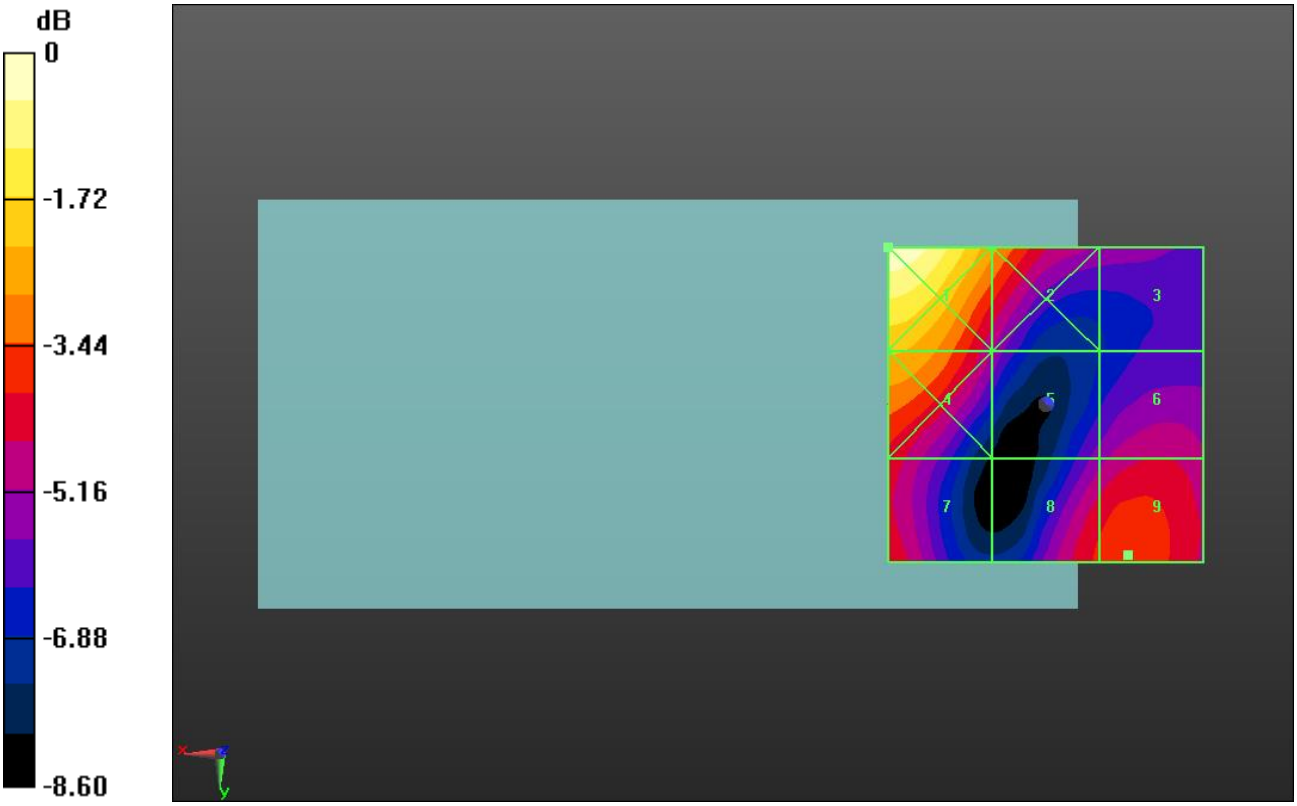
HAC-RF Emission

Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- 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_20 MHz BW E-Field measurement/RB1/0_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 = 6.247 V/m; Power Drift = 0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.68 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.34 dBV/m**	Grid 2 **M4** **20.67 dBV/m**	Grid 3 **M4** **18.14 dBV/m**
Grid 4 **M4** **21.12 dBV/m**	Grid 5 **M4** **18.18 dBV/m**	Grid 6 **M4** **18.78 dBV/m**
Grid 7 **M4** **19.36 dBV/m**	Grid 8 **M4** **19.44 dBV/m**	Grid 9 **M4** **19.68 dBV/m**



0 dB = 14.68 V/m = 23.33 dBV/m

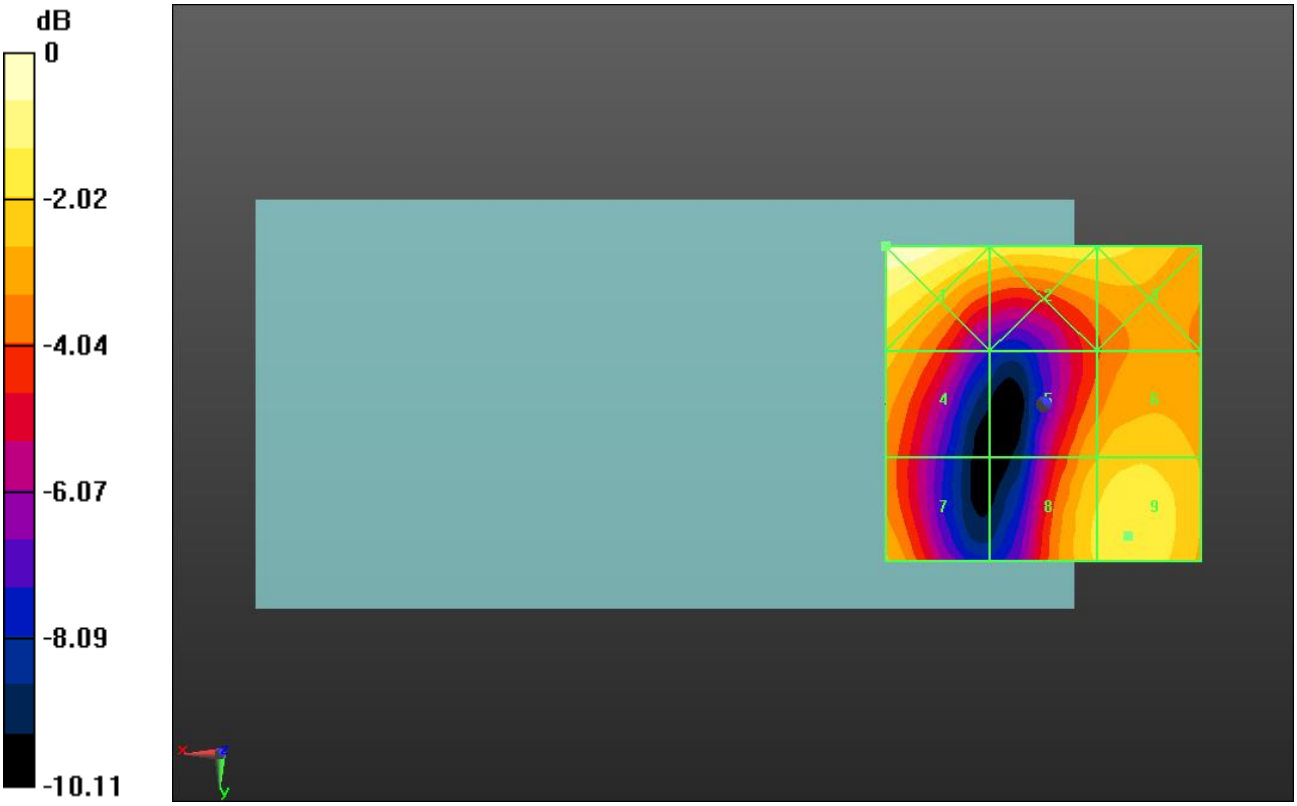
HAC-RF Emission

Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- 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_20 MHz BW E-Field measurement/RB1/0_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 = 8.122 V/m; Power Drift = 0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.53 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.04 dBV/m**	Grid 2 **M4** **20.62 dBV/m**	Grid 3 **M4** **20.39 dBV/m**
Grid 4 **M4** **19.65 dBV/m**	Grid 5 **M4** **19.35 dBV/m**	Grid 6 **M4** **19.94 dBV/m**
Grid 7 **M4** **19.52 dBV/m**	Grid 8 **M4** **20.18 dBV/m**	Grid 9 **M4** **20.53 dBV/m**



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

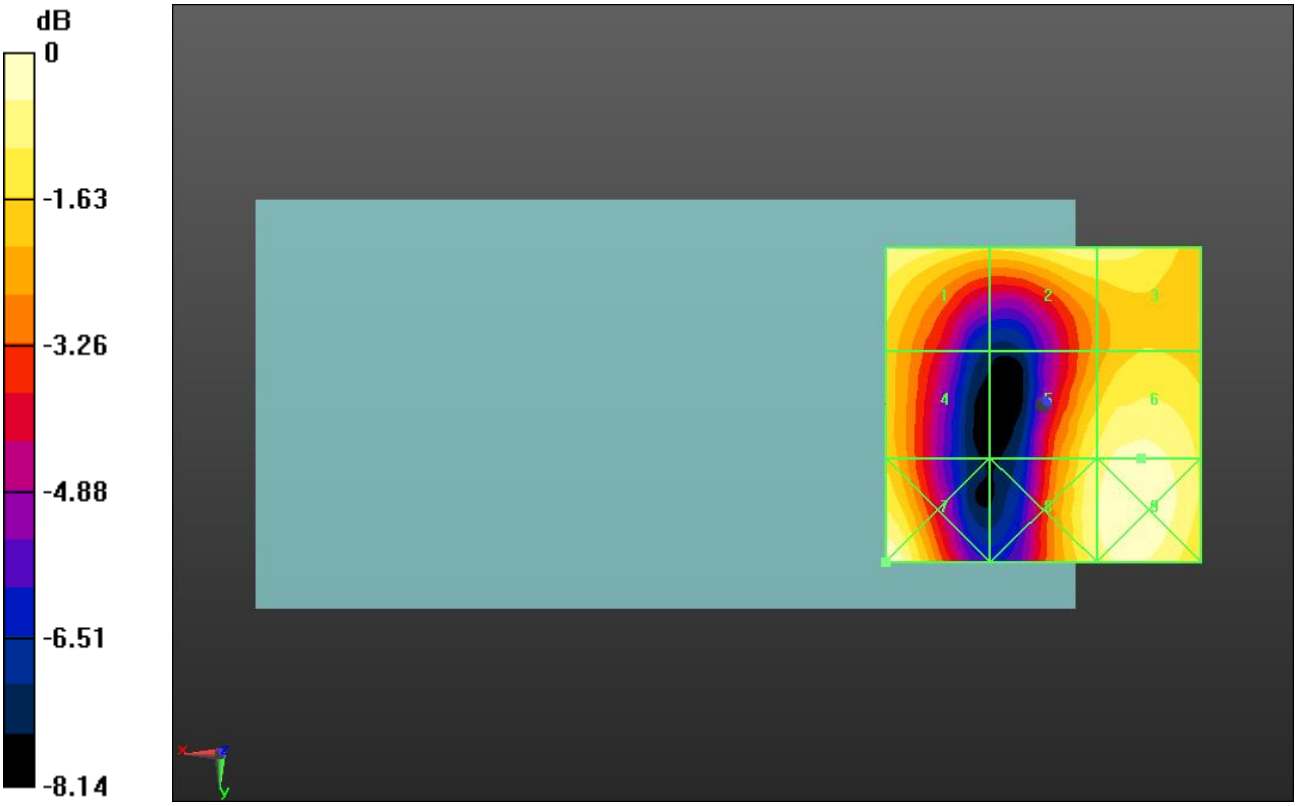
HAC-RF Emission

Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- 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_20 MHz BW E-Field measurement/RB1/0_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 = 8.299 V/m; Power Drift = -0.06 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.98 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.95 dBV/m**	Grid 2 **M4** **19.69 dBV/m**	Grid 3 **M4** **19.65 dBV/m**
Grid 4 **M4** **18.6 dBV/m**	Grid 5 **M4** **19.4 dBV/m**	Grid 6 **M4** **19.98 dBV/m**
Grid 7 **M4** **20.32 dBV/m**	Grid 8 **M4** **19.78 dBV/m**	Grid 9 **M4** **20.26 dBV/m**



0 dB = 10.38 V/m = 20.32 dBV/m

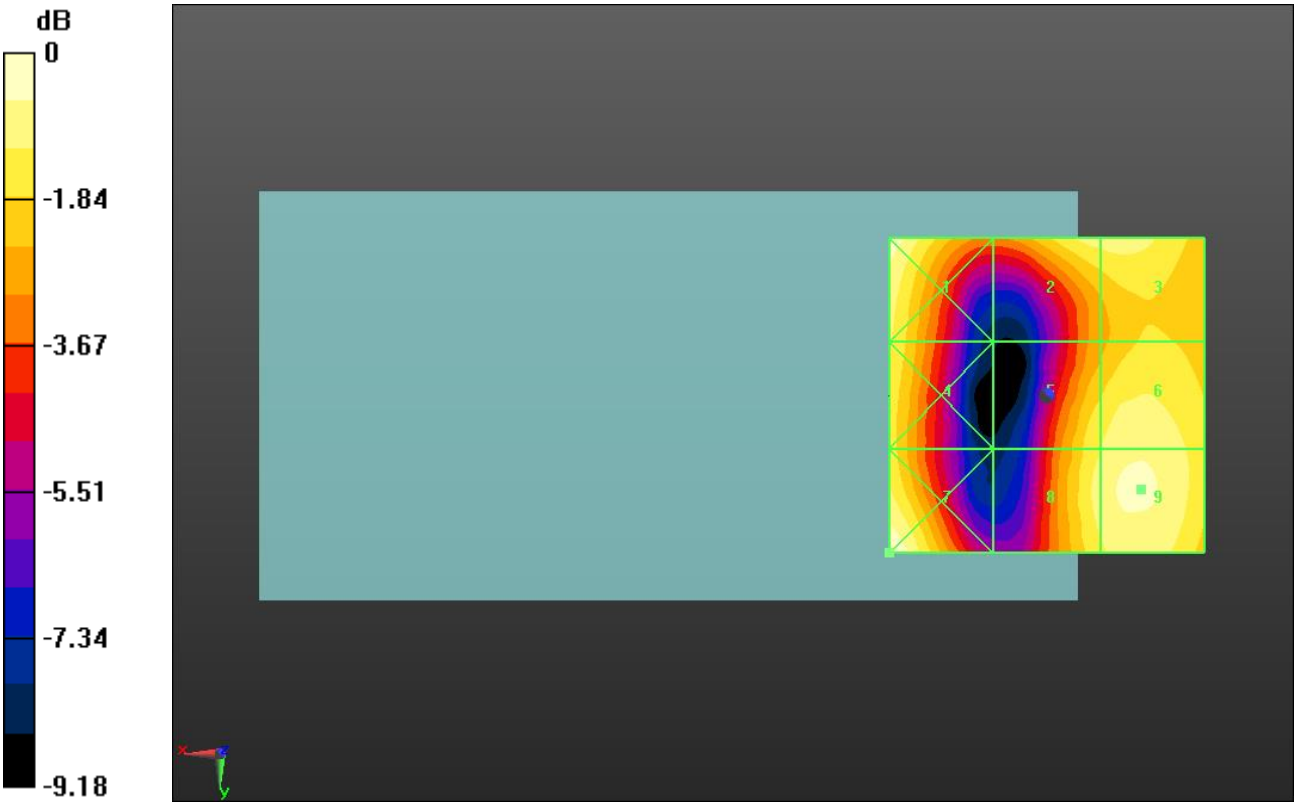
HAC-RF Emission

Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- 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_20 MHz BW E-Field measurement/RB1/0_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 = 7.873 V/m; Power Drift = 0.11 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.39 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.7 dBV/m**	Grid 2 **M4** **18.95 dBV/m**	Grid 3 **M4** **18.99 dBV/m**
Grid 4 **M4** **18.68 dBV/m**	Grid 5 **M4** **18.62 dBV/m**	Grid 6 **M4** **19.15 dBV/m**
Grid 7 **M4** **19.85 dBV/m**	Grid 8 **M4** **18.86 dBV/m**	Grid 9 **M4** **19.39 dBV/m**



0 dB = 9.825 V/m = 19.85 dBV/m

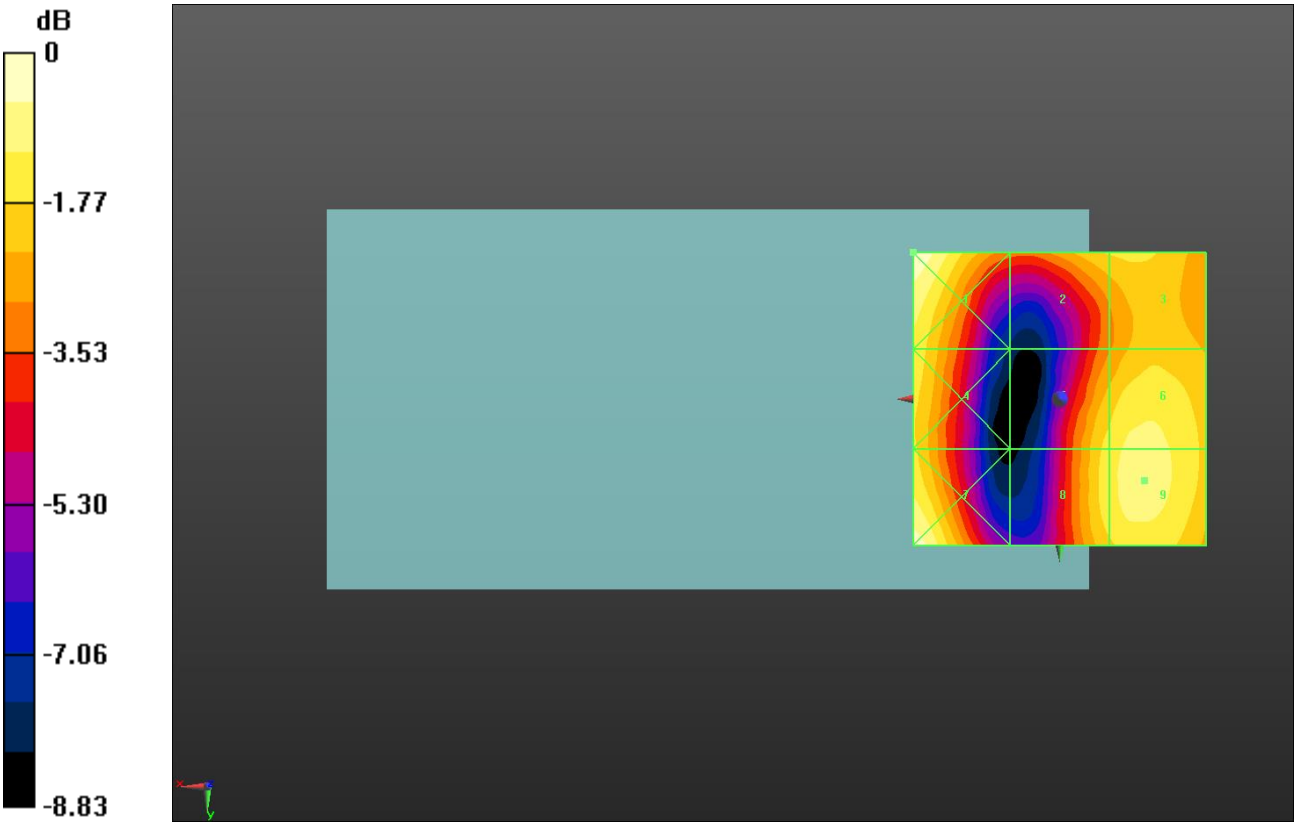
HAC-RF Emission

Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2689.9 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- 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_20 MHz BW E-Field measurement/RB1/0_ch 41490/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 7.707 V/m; Power Drift = -0.13 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.03 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.92 dBV/m**	Grid 2 **M4** **18.23 dBV/m**	Grid 3 **M4** **18.34 dBV/m**
Grid 4 **M4** **18.58 dBV/m**	Grid 5 **M4** **18.4 dBV/m**	Grid 6 **M4** **18.92 dBV/m**
Grid 7 **M4** **19.68 dBV/m**	Grid 8 **M4** **18.52 dBV/m**	Grid 9 **M4** **19.03 dBV/m**



0 dB = 9.906 V/m = 19.92 dBV/m