HAC-RF Emission System Check 2011

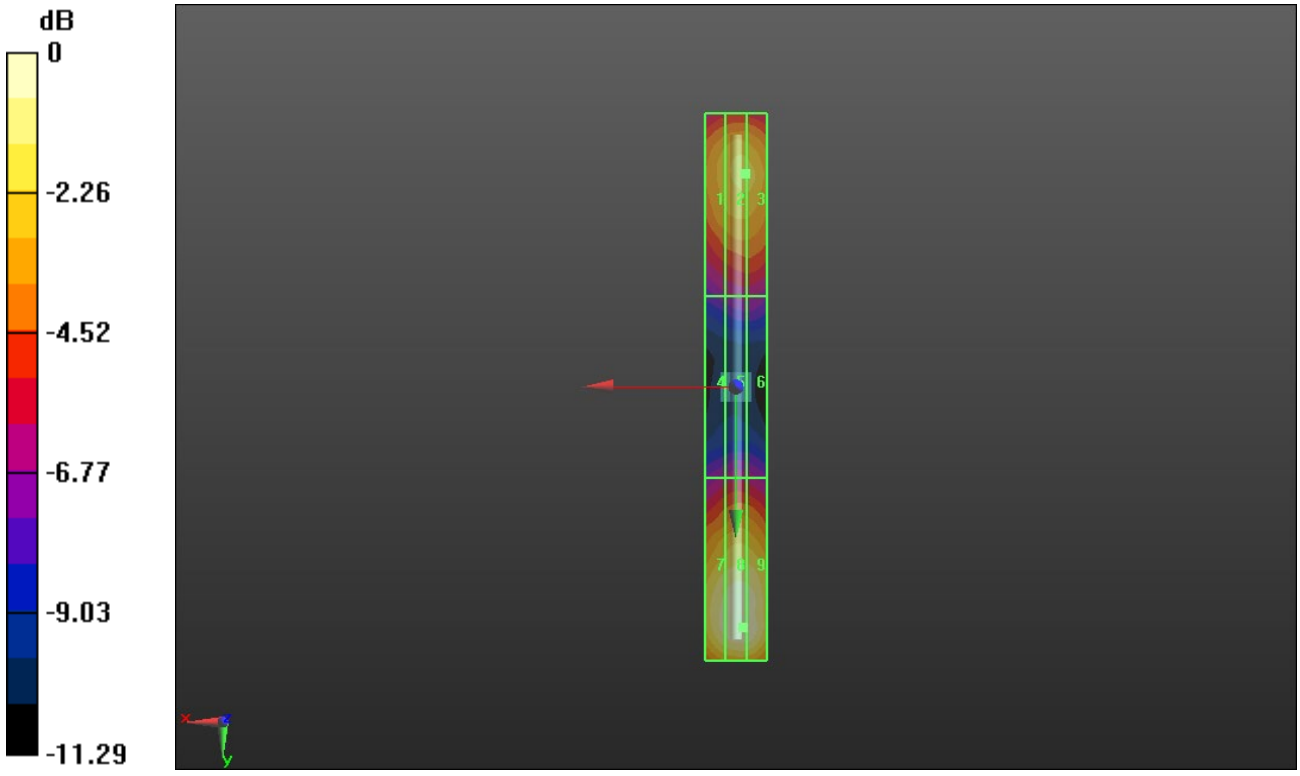
Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

Dipole E-Field measurement 835MHz/835 MHz/Hearing Aid Compatibility Test at 15mm distance (41x361x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 136.3 V/m; Power Drift = -0.16 dB
Applied MIF = 0.00 dB
RF audio interference level = 42.36 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **39.86 dBV/m**	Grid 2 **M3** **40.44 dBV/m**	Grid 3 **M3** **40.44 dBV/m**
Grid 4 **M4** **35.89 dBV/m**	Grid 5 **M4** **36.19 dBV/m**	Grid 6 **M4** **36.04 dBV/m**
Grid 7 **M3** **41.98 dBV/m**	Grid 8 **M3** **42.36 dBV/m**	Grid 9 **M3** **42.34 dBV/m**



0 dB = 131.2 V/m = 42.36 dBV/m

HAC-RF Emission System Check 2011

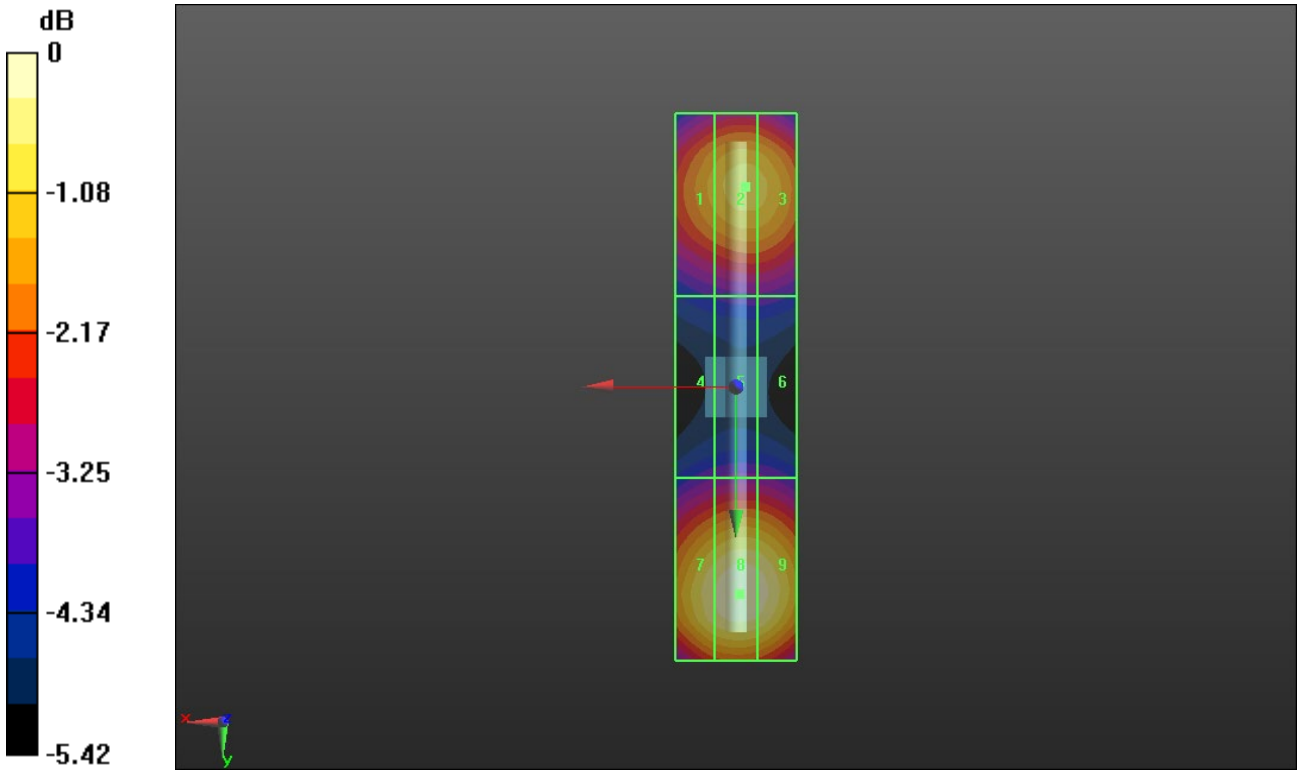
Communication System: UID 0, CW; Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

Dipole E-Field Measurement 1880MHz/1880 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 167.5 V/m; Power Drift = 0.06 dB
Applied MIF = 0.00 dB
RF audio interference level = 39.73 dBV/m
Emission category: M2

MIF scaled E-field

Grid 1 **M2** **38.47 dBV/m**	Grid 2 **M2** **38.86 dBV/m**	Grid 3 **M2** **38.81 dBV/m**
Grid 4 **M2** **36.14 dBV/m**	Grid 5 **M2** **36.31 dBV/m**	Grid 6 **M2** **36.28 dBV/m**
Grid 7 **M2** **39.4 dBV/m**	Grid 8 **M2** **39.73 dBV/m**	Grid 9 **M2** **39.62 dBV/m**



0 dB = 96.92 V/m = 39.73 dBV/m

HAC-RF Emission System Check 2011

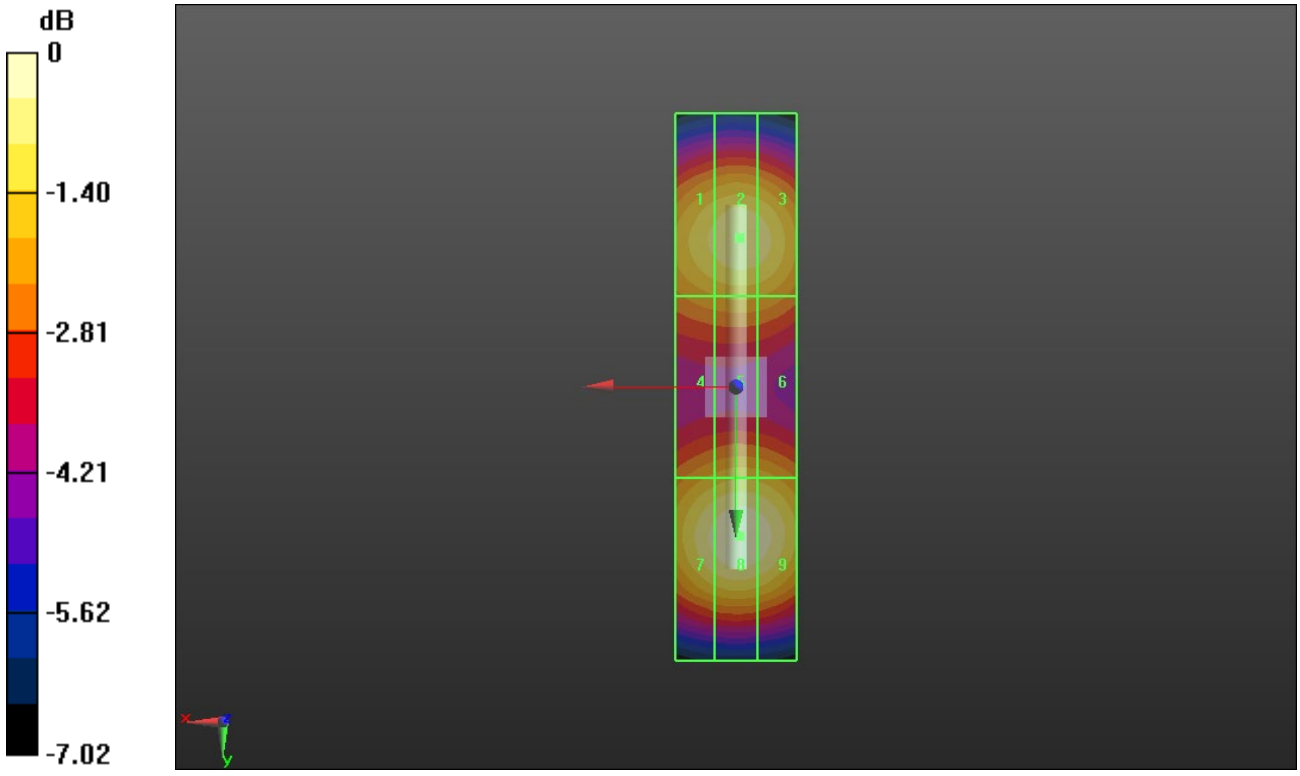
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

Dipole E-Field Measurement 2450MHz/2450 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 78.92 V/m; Power Drift = 0.07 dB
Applied MIF = 0.00 dB
RF audio interference level = 39.44 dBV/m
Emission category: M2

MIF scaled E-field

Grid 1 **M2** **38.64 dBV/m**	Grid 2 **M2** **38.92 dBV/m**	Grid 3 **M2** **38.81 dBV/m**
Grid 4 **M2** **37.77 dBV/m**	Grid 5 **M2** **38.02 dBV/m**	Grid 6 **M2** **37.94 dBV/m**
Grid 7 **M2** **39.13 dBV/m**	Grid 8 **M2** **39.44 dBV/m**	Grid 9 **M2** **39.3 dBV/m**



0 dB = 93.80 V/m = 39.44 dBV/m

HAC-RF Emission System Check 2011

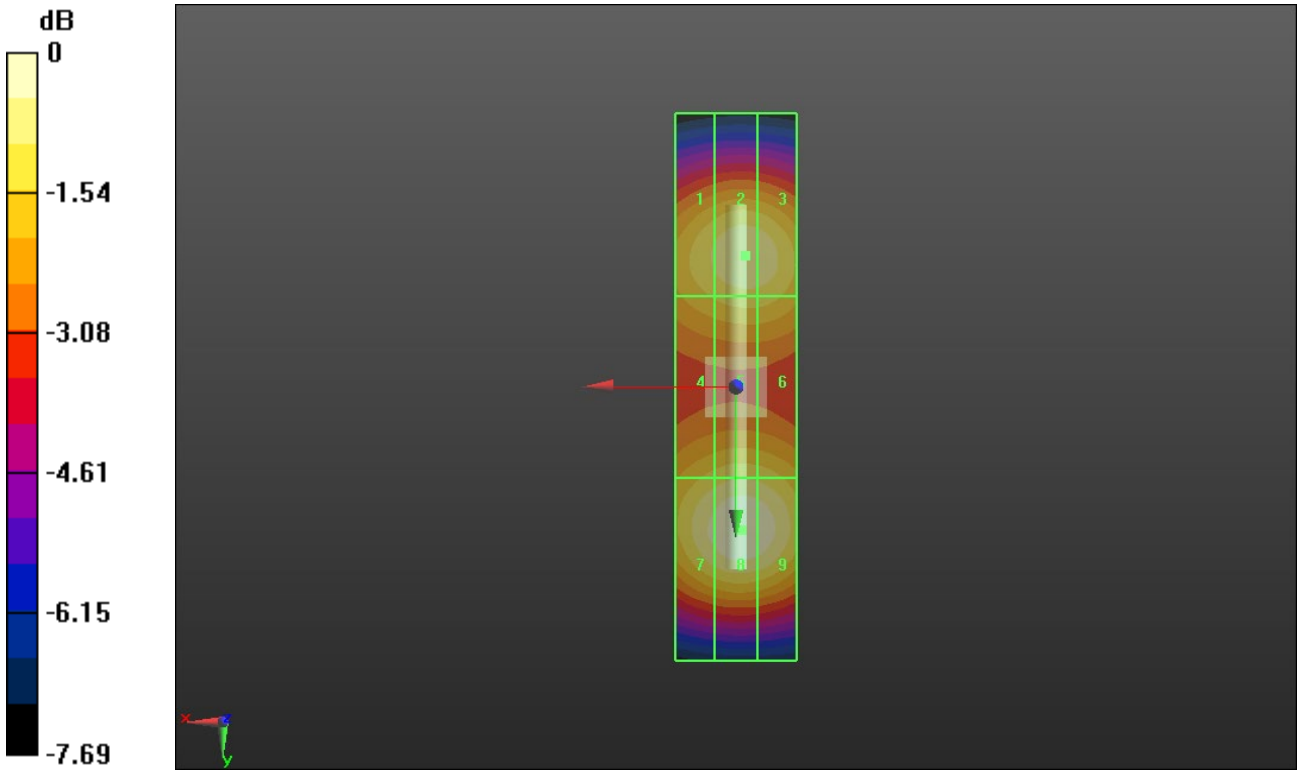
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

Dipole E-Field Measurement 2600MHz/2600 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 70.36 V/m; Power Drift = -0.12 dB
Applied MIF = 0.00 dB
RF audio interference level = 39.32 dBV/m
Emission category: M2

MIF scaled E-field

Grid 1 **M2** **38.38 dBV/m**	Grid 2 **M2** **38.74 dBV/m**	Grid 3 **M2** **38.68 dBV/m**
Grid 4 **M2** **38.04 dBV/m**	Grid 5 **M2** **38.29 dBV/m**	Grid 6 **M2** **38.22 dBV/m**
Grid 7 **M2** **38.99 dBV/m**	Grid 8 **M2** **39.32 dBV/m**	Grid 9 **M2** **39.21 dBV/m**



0 dB = 92.51 V/m = 39.32 dBV/m

HAC-RF Emission System Check 2011

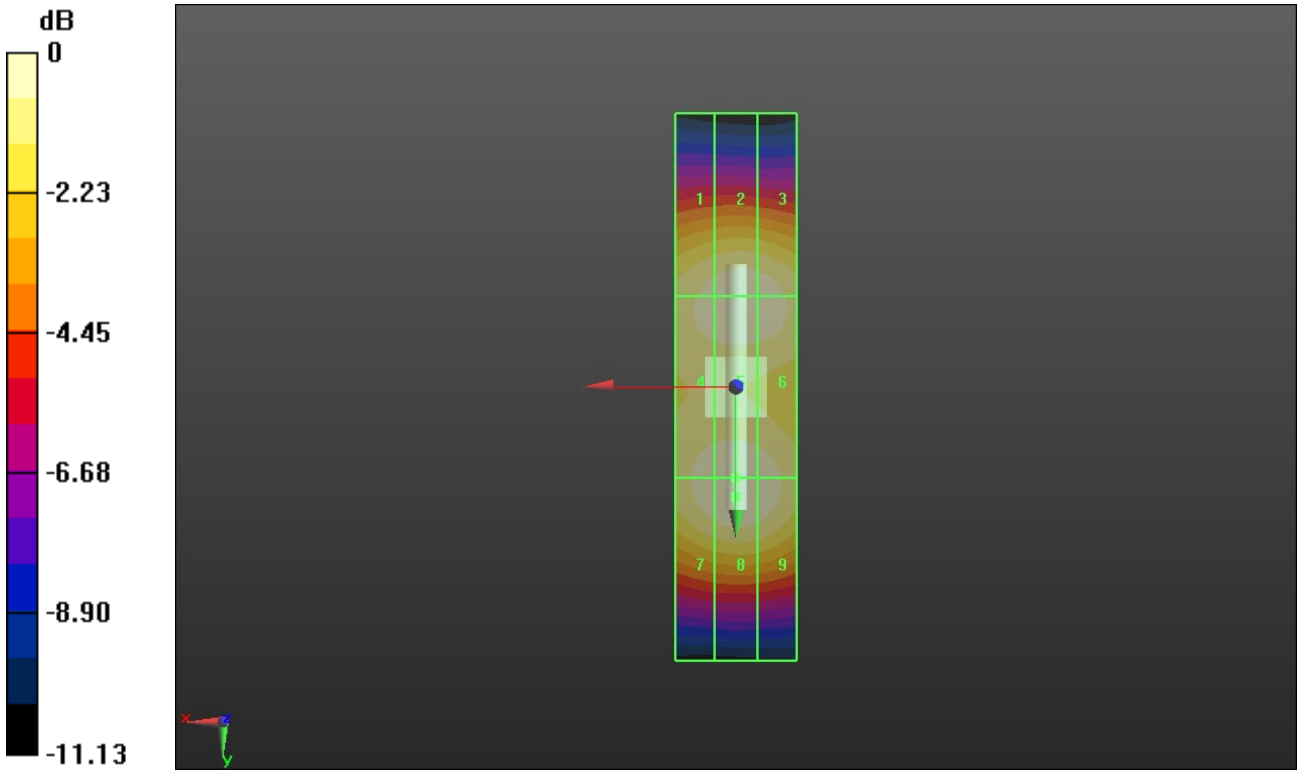
Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3500 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

Dipole E-Field Measurement 3500MHz/3500 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 39.14 V/m; Power Drift = -0.17 dB
Applied MIF = 0.00 dB
RF audio interference level = 38.96 dBV/m
Emission category: M2

MIF scaled E-field

Grid 1 **M2** **38.53 dBV/m**	Grid 2 **M2** **38.8 dBV/m**	Grid 3 **M2** **38.73 dBV/m**
Grid 4 **M2** **38.71 dBV/m**	Grid 5 **M2** **38.89 dBV/m**	Grid 6 **M2** **38.77 dBV/m**
Grid 7 **M2** **38.73 dBV/m**	Grid 8 **M2** **38.96 dBV/m**	Grid 9 **M2** **38.78 dBV/m**



0 dB = 88.70 V/m = 38.96 dBV/m

HAC-RF Emission System Check 2011

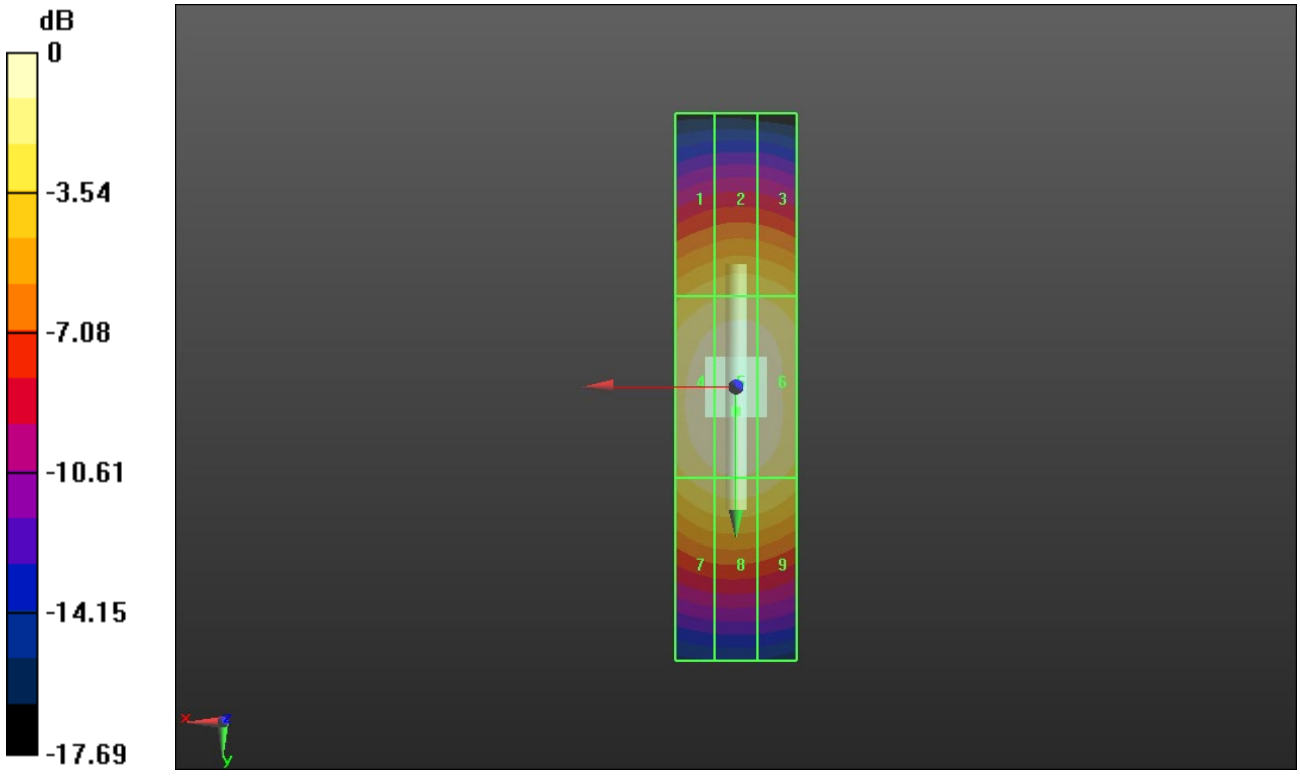
Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5500 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

Dipole E-Field Measurement 5.5GHz/5.5GHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 29.37 V/m; Power Drift = -0.05 dB
Applied MIF = 0.00 dB
RF audio interference level = 41.05 dBV/m
Emission category: M1

MIF scaled E-field

Grid 1 **M2** **38.47 dBV/m**	Grid 2 **M2** **38.83 dBV/m**	Grid 3 **M2** **38.69 dBV/m**
Grid 4 **M1** **40.81 dBV/m**	Grid 5 **M1** **41.05 dBV/m**	Grid 6 **M1** **40.77 dBV/m**
Grid 7 **M2** **39.54 dBV/m**	Grid 8 **M2** **39.78 dBV/m**	Grid 9 **M2** **39.54 dBV/m**



0 dB = 112.8 V/m = 41.05 dBV/m