

# #01\_HAC\_E\_GSM850\_GSM Voice\_Ch128

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

### DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 39.32 V/m; Power Drift = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.51 dBV/m

**Emission category: M4**

MIF scaled E-field

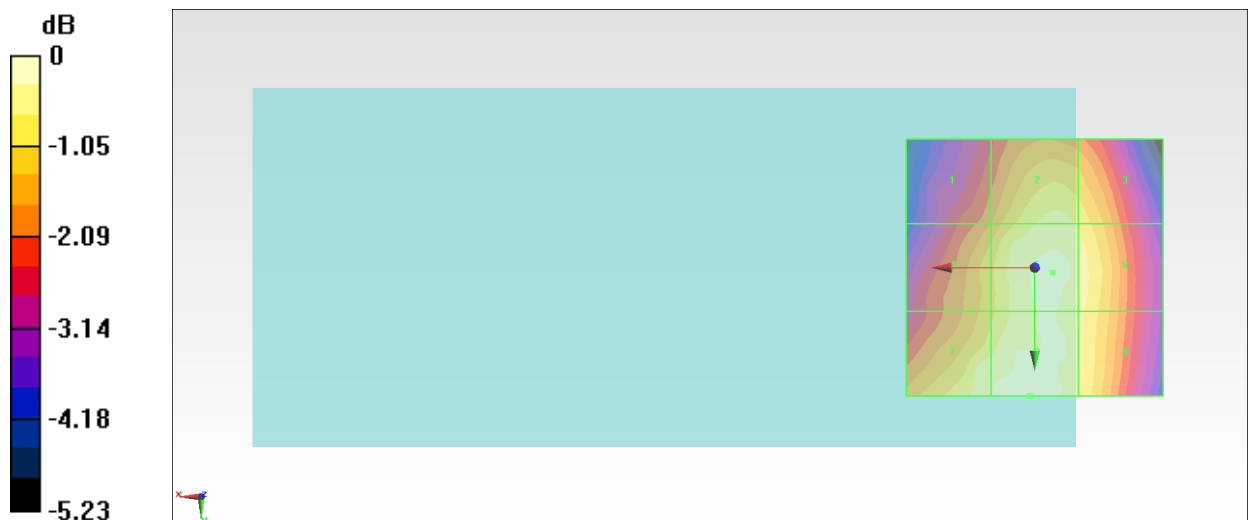
<b>Grid 1 M4</b> <b>30.79 dBV/m</b>	<b>Grid 2 M4</b> <b>31.96 dBV/m</b>	<b>Grid 3 M4</b> <b>31.75 dBV/m</b>
<b>Grid 4 M4</b> <b>31.41 dBV/m</b>	<b>Grid 5 M4</b> <b>32.29 dBV/m</b>	<b>Grid 6 M4</b> <b>32.04 dBV/m</b>
<b>Grid 7 M4</b> <b>32.13 dBV/m</b>	<b>Grid 8 M4</b> <b>32.51 dBV/m</b>	<b>Grid 9 M4</b> <b>31.92 dBV/m</b>

**Cursor:**

Total = 32.51 dBV/m

E Category: M4

Location: 1, 25, 8.7 mm



0 dB = 42.20 V/m = 32.51 dBV/m

## #02\_HAC\_E\_GSM850\_GSM Voice\_Ch189

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.6896

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 34.38 V/m; Power Drift = 0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.70 dBV/m

**Emission category: M4**

MIF scaled E-field

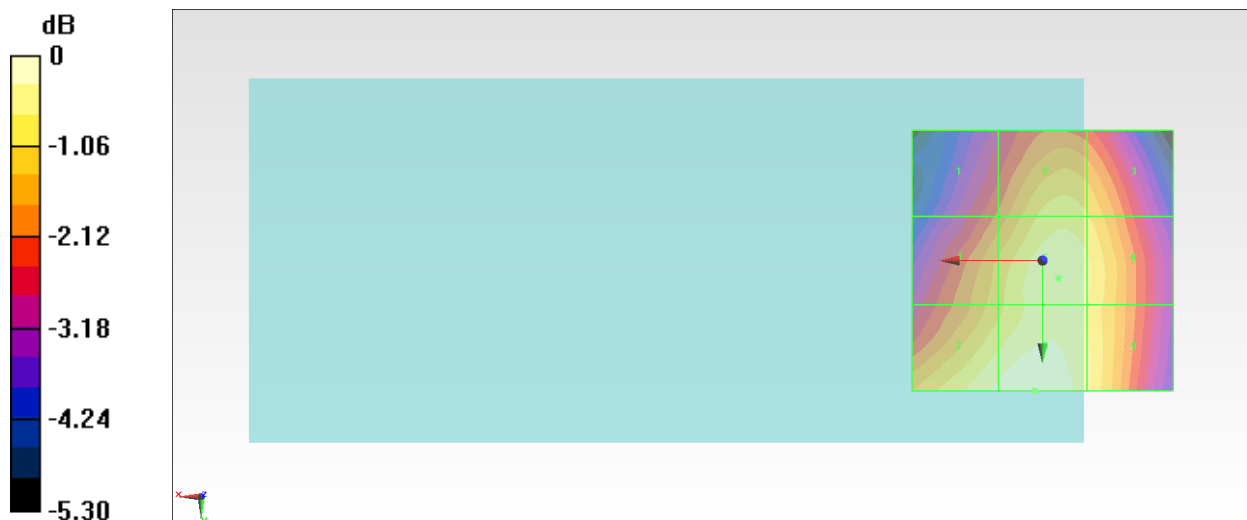
<b>Grid 1 M4</b> <b>29.68 dBV/m</b>	<b>Grid 2 M4</b> <b>30.88 dBV/m</b>	<b>Grid 3 M4</b> <b>30.68 dBV/m</b>
<b>Grid 4 M4</b> <b>30.53 dBV/m</b>	<b>Grid 5 M4</b> <b>31.29 dBV/m</b>	<b>Grid 6 M4</b> <b>31.05 dBV/m</b>
<b>Grid 7 M4</b> <b>31.45 dBV/m</b>	<b>Grid 8 M4</b> <b>31.7 dBV/m</b>	<b>Grid 9 M4</b> <b>31.07 dBV/m</b>

**Cursor:**

Total = 31.70 dBV/m

E Category: M4

Location: 1.5, 25, 8.7 mm



0 dB = 38.45 V/m = 31.70 dBV/m

### #03\_HAC\_E\_GSM850\_GSM Voice\_Ch251

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.6896

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 39.75 V/m; Power Drift = -0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.58 dBV/m

**Emission category: M4**

MIF scaled E-field

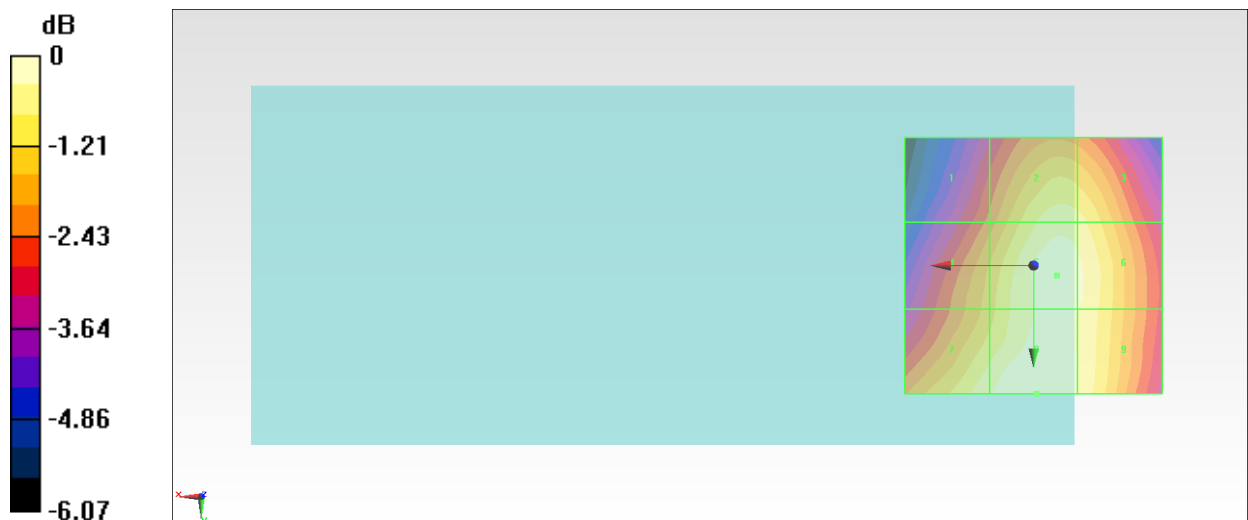
Grid 1 <b>M4</b> <b>30.34 dBV/m</b>	Grid 2 <b>M4</b> <b>32 dBV/m</b>	Grid 3 <b>M4</b> <b>31.92 dBV/m</b>
Grid 4 <b>M4</b> <b>31.21 dBV/m</b>	Grid 5 <b>M4</b> <b>32.42 dBV/m</b>	Grid 6 <b>M4</b> <b>32.28 dBV/m</b>
Grid 7 <b>M4</b> <b>32.15 dBV/m</b>	Grid 8 <b>M4</b> <b>32.58 dBV/m</b>	Grid 9 <b>M4</b> <b>32.19 dBV/m</b>

**Cursor:**

Total = 32.58 dBV/m

E Category: M4

Location: -0.5, 25, 8.7 mm



0 dB = 42.55 V/m = 32.58 dBV/m

### #04\_HAC\_E\_GSM1900\_GSM Voice\_Ch512

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

**DASY5 Configuration:**

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.241 V/m; Power Drift = 0.16 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.58 dBV/m

**Emission category: M4**

MIF scaled E-field

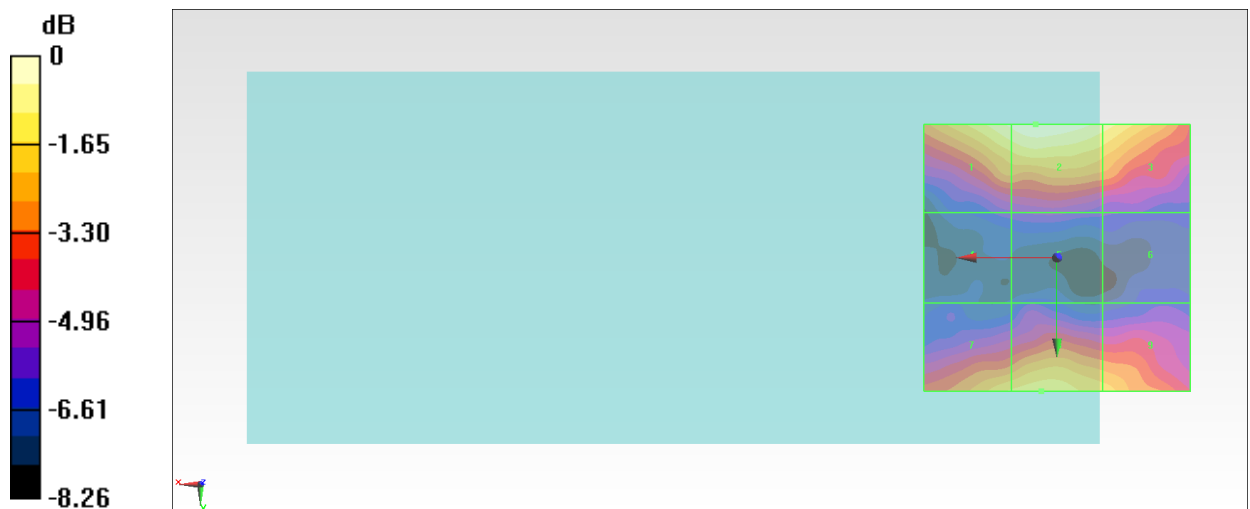
<b>Grid 1 M4</b> <b>25.18 dBV/m</b>	<b>Grid 2 M4</b> <b>25.58 dBV/m</b>	<b>Grid 3 M4</b> <b>24.81 dBV/m</b>
<b>Grid 4 M4</b> <b>19.99 dBV/m</b>	<b>Grid 5 M4</b> <b>20.3 dBV/m</b>	<b>Grid 6 M4</b> <b>19.71 dBV/m</b>
<b>Grid 7 M4</b> <b>24.04 dBV/m</b>	<b>Grid 8 M4</b> <b>24.28 dBV/m</b>	<b>Grid 9 M4</b> <b>23.71 dBV/m</b>

**Cursor:**

Total = 25.58 dBV/m

E Category: M4

Location: 4, -25, 8.7 mm



0 dB = 19.01 V/m = 25.58 dBV/m

### #05\_HAC\_E\_GSM1900\_GSM Voice\_Ch661

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.182 V/m; Power Drift = -0.18 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.03 dBV/m

**Emission category: M4**

MIF scaled E-field

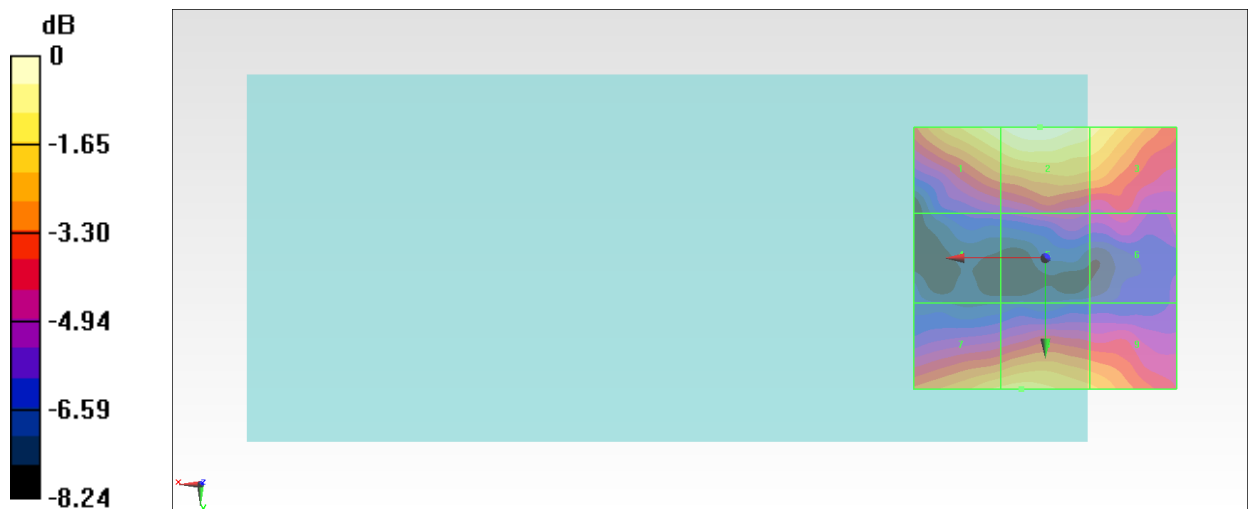
<b>Grid 1 M4</b> <b>25.47 dBV/m</b>	<b>Grid 2 M4</b> <b>26.03 dBV/m</b>	<b>Grid 3 M4</b> <b>25.24 dBV/m</b>
<b>Grid 4 M4</b> <b>20.51 dBV/m</b>	<b>Grid 5 M4</b> <b>21.45 dBV/m</b>	<b>Grid 6 M4</b> <b>21.51 dBV/m</b>
<b>Grid 7 M4</b> <b>24.57 dBV/m</b>	<b>Grid 8 M4</b> <b>24.72 dBV/m</b>	<b>Grid 9 M4</b> <b>24.02 dBV/m</b>

**Cursor:**

Total = 26.03 dBV/m

E Category: M4

Location: 1, -25, 8.7 mm



0 dB = 20.01 V/m = 26.03 dBV/m

### #06\_HAC\_E\_GSM1900\_GSM Voice\_Ch810

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.471 V/m; Power Drift = 0.16 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.01 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>24.44 dBV/m</b>	<b>Grid 2 M4</b> <b>25.01 dBV/m</b>	<b>Grid 3 M4</b> <b>24.24 dBV/m</b>
<b>Grid 4 M4</b> <b>19.95 dBV/m</b>	<b>Grid 5 M4</b> <b>20.67 dBV/m</b>	<b>Grid 6 M4</b> <b>20.89 dBV/m</b>
<b>Grid 7 M4</b> <b>23.2 dBV/m</b>	<b>Grid 8 M4</b> <b>23.31 dBV/m</b>	<b>Grid 9 M4</b> <b>22.88 dBV/m</b>

**Cursor:**

Total = 25.01 dBV/m

E Category: M4

Location: 2.5, -25, 8.7 mm



0 dB = 17.81 V/m = 25.01 dBV/m

### #07\_HAC\_E\_CDMA BC0\_ 1xRTT, RC1 SO3, 1/8th Rate\_Ch1013

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.7419

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

**DASY5 Configuration:**

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 824.7 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test**

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.87 V/m; Power Drift = 0.06 dB

Applied MIF = 3.26 dB

RF audio interference level = 23.23 dBV/m

**Emission category: M4**

MIF scaled E-field

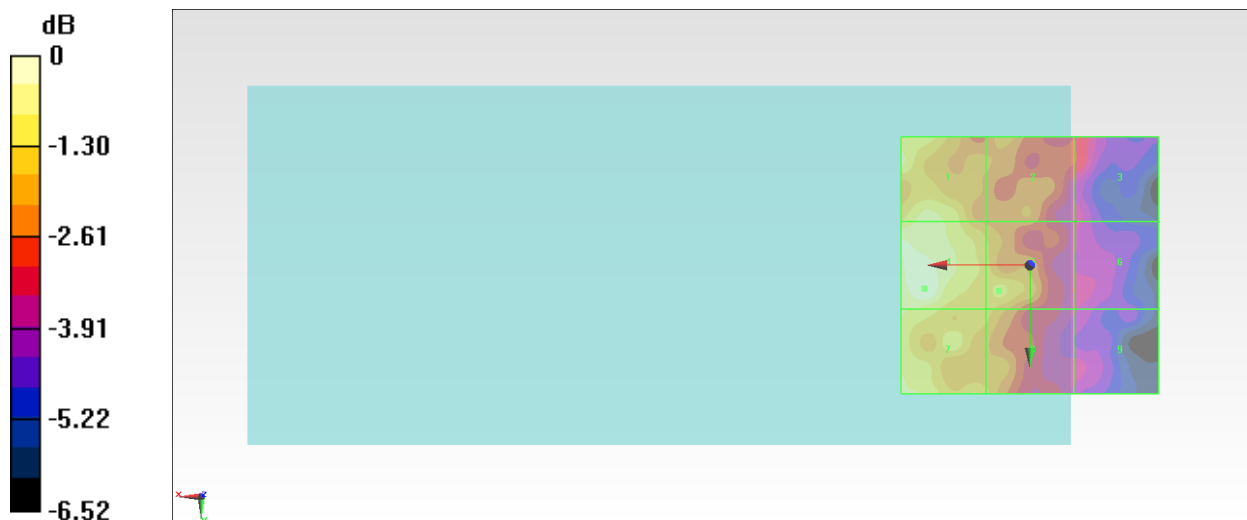
<b>Grid 1 M4</b> <b>22.58 dBV/m</b>	<b>Grid 2 M4</b> <b>21.29 dBV/m</b>	<b>Grid 3 M4</b> <b>20.27 dBV/m</b>
<b>Grid 4 M4</b> <b>23.23 dBV/m</b>	<b>Grid 5 M4</b> <b>22.07 dBV/m</b>	<b>Grid 6 M4</b> <b>19.78 dBV/m</b>
<b>Grid 7 M4</b> <b>22.43 dBV/m</b>	<b>Grid 8 M4</b> <b>21.74 dBV/m</b>	<b>Grid 9 M4</b> <b>19.53 dBV/m</b>

**Cursor:**

Total = 23.23 dBV/m

E Category: M4

Location: 20.5, 4.5, 8.7 mm



0 dB = 14.51 V/m = 23.23 dBV/m

### #08\_HAC\_E\_CDMA BC0\_ 1xRTT, RC1 SO3, 1/8th Rate\_Ch384

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:17.7419

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

**DASY5 Configuration:**

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 836.52 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.88 V/m; Power Drift = -0.05 dB

Applied MIF = 3.26 dB

RF audio interference level = 23.24 dBV/m

**Emission category: M4**

MIF scaled E-field

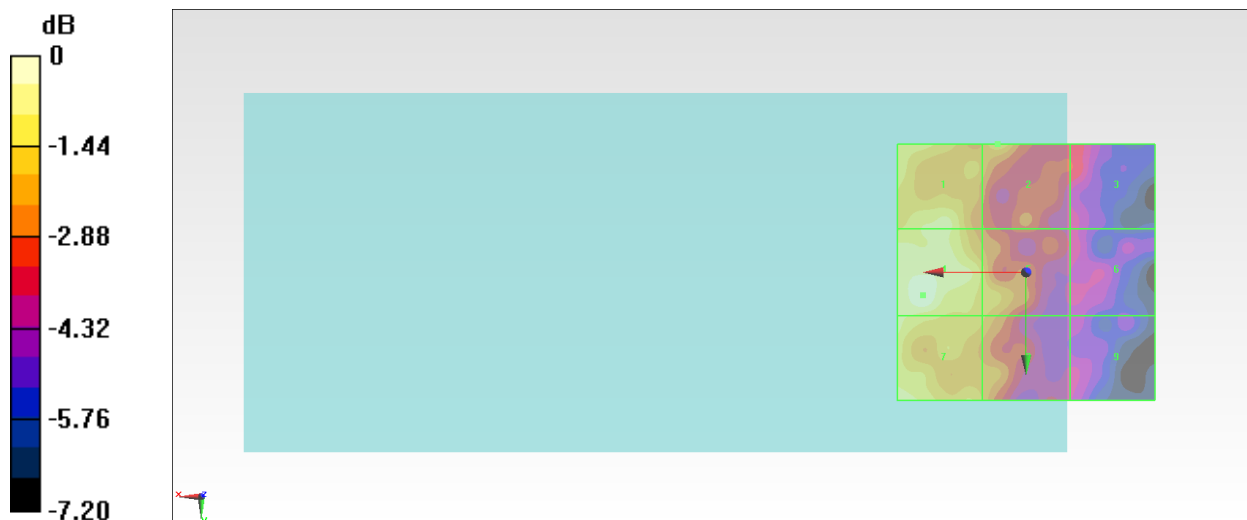
<b>Grid 1 M4</b> <b>22.49 dBV/m</b>	<b>Grid 2 M4</b> <b>21.79 dBV/m</b>	<b>Grid 3 M4</b> <b>19.94 dBV/m</b>
<b>Grid 4 M4</b> <b>23.24 dBV/m</b>	<b>Grid 5 M4</b> <b>21.66 dBV/m</b>	<b>Grid 6 M4</b> <b>19.36 dBV/m</b>
<b>Grid 7 M4</b> <b>22.7 dBV/m</b>	<b>Grid 8 M4</b> <b>21.45 dBV/m</b>	<b>Grid 9 M4</b> <b>19.13 dBV/m</b>

**Cursor:**

Total = 23.24 dBV/m

E Category: M4

Location: 20, 4.5, 8.7 mm



0 dB = 14.52 V/m = 23.24 dBV/m



### #09\_HAC\_E\_CDMA BC0\_ 1xRTT, RC1 SO3, 1/8th Rate\_Ch777

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.7419

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 848.31 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.59 V/m; Power Drift = 0.07 dB

Applied MIF = 3.26 dB

RF audio interference level = 23.88 dBV/m

**Emission category: M4**

MIF scaled E-field

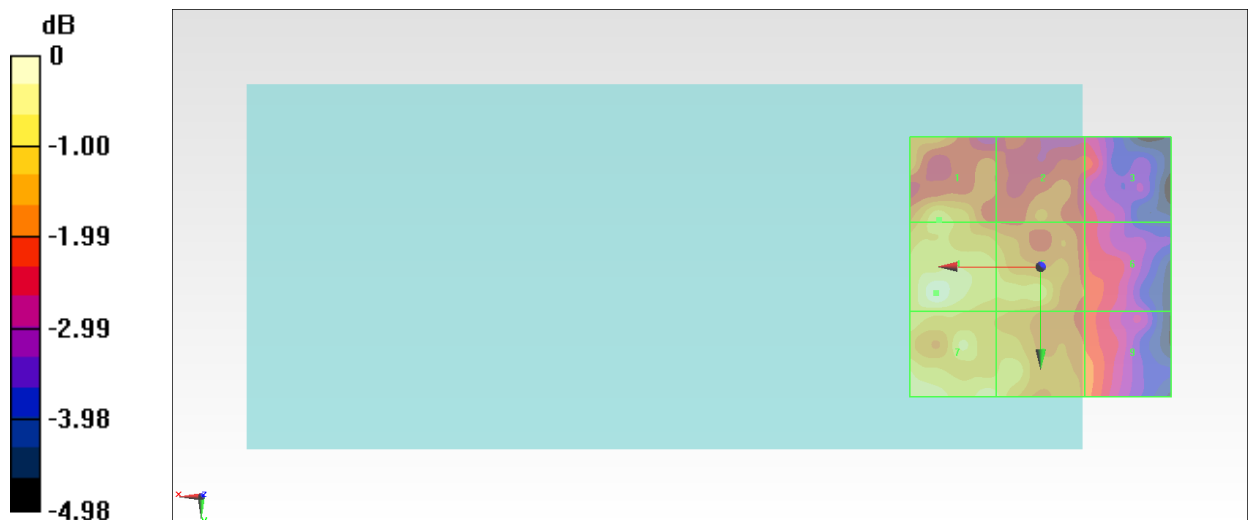
<b>Grid 1 M4</b> <b>23.15 dBV/m</b>	<b>Grid 2 M4</b> <b>22.29 dBV/m</b>	<b>Grid 3 M4</b> <b>21.68 dBV/m</b>
<b>Grid 4 M4</b> <b>23.88 dBV/m</b>	<b>Grid 5 M4</b> <b>23.1 dBV/m</b>	<b>Grid 6 M4</b> <b>21.89 dBV/m</b>
<b>Grid 7 M4</b> <b>23.56 dBV/m</b>	<b>Grid 8 M4</b> <b>23.36 dBV/m</b>	<b>Grid 9 M4</b> <b>22.11 dBV/m</b>

**Cursor:**

Total = 23.88 dBV/m

E Category: M4

Location: 20, 5, 8.7 mm



0 dB = 15.63 V/m = 23.88 dBV/m

### #10\_HAC\_E\_CDMA BC1\_ 1xRTT, RC1 SO3, 1/8th Rate\_Ch25

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:17.7419

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 1851.25 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.43 V/m; Power Drift = -0.01 dB

Applied MIF = 3.26 dB

RF audio interference level = 28.54 dBV/m

**Emission category: M4**

MIF scaled E-field

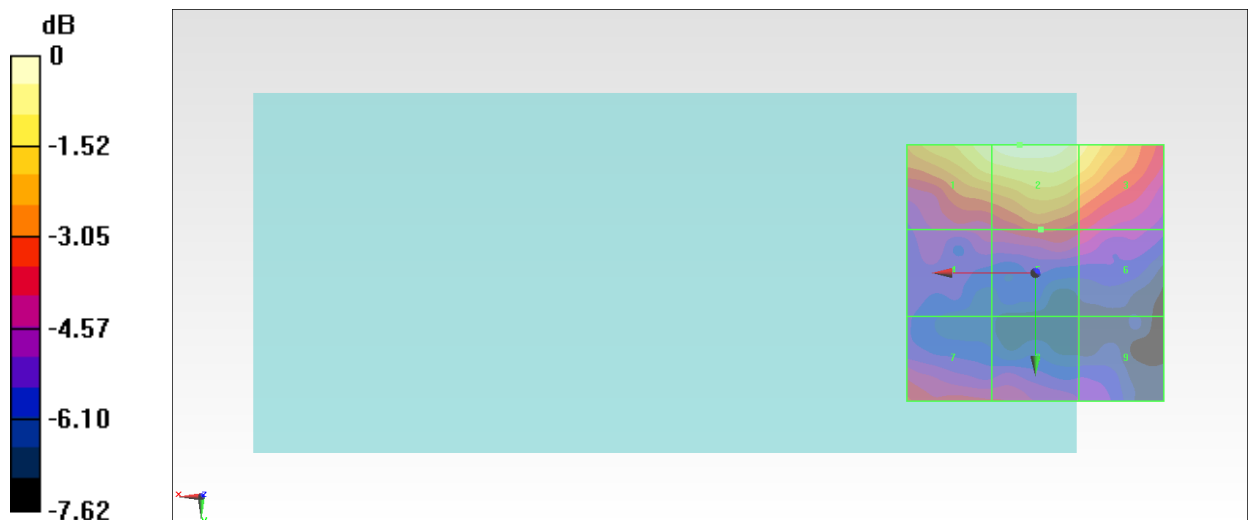
<b>Grid 1 M4</b> <b>28.06 dBV/m</b>	<b>Grid 2 M4</b> <b>28.54 dBV/m</b>	<b>Grid 3 M4</b> <b>27.8 dBV/m</b>
<b>Grid 4 M4</b> <b>24.37 dBV/m</b>	<b>Grid 5 M4</b> <b>25.17 dBV/m</b>	<b>Grid 6 M4</b> <b>24.66 dBV/m</b>
<b>Grid 7 M4</b> <b>25.16 dBV/m</b>	<b>Grid 8 M4</b> <b>24.61 dBV/m</b>	<b>Grid 9 M4</b> <b>23.47 dBV/m</b>

**Cursor:**

Total = 28.54 dBV/m

E Category: M4

Location: 3, -25, 8.7 mm



0 dB = 26.74 V/m = 28.54 dBV/m

### #11\_HAC\_E\_CDMA BC1\_ 1xRTT, RC1 SO3, 1/8th Rate\_Ch600

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:17.7419

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.63 V/m; Power Drift = -0.07 dB

Applied MIF = 3.26 dB

RF audio interference level = 28.80 dBV/m

**Emission category: M4**

MIF scaled E-field

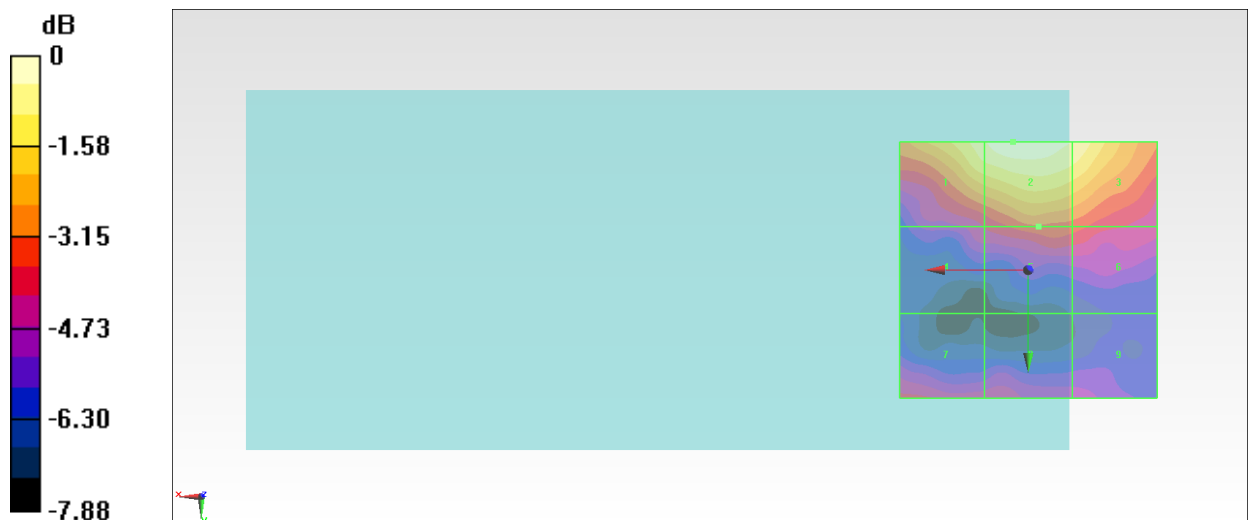
<b>Grid 1 M4</b> <b>28.19 dBV/m</b>	<b>Grid 2 M4</b> <b>28.8 dBV/m</b>	<b>Grid 3 M4</b> <b>28.27 dBV/m</b>
<b>Grid 4 M4</b> <b>24.65 dBV/m</b>	<b>Grid 5 M4</b> <b>25.58 dBV/m</b>	<b>Grid 6 M4</b> <b>25.41 dBV/m</b>
<b>Grid 7 M4</b> <b>24.78 dBV/m</b>	<b>Grid 8 M4</b> <b>24.53 dBV/m</b>	<b>Grid 9 M4</b> <b>23.87 dBV/m</b>

**Cursor:**

Total = 28.80 dBV/m

E Category: M4

Location: 3, -25, 8.7 mm



0 dB = 27.53 V/m = 28.80 dBV/m

## #12\_HAC\_E\_CDMA BC1\_ 1xRTT, RC1 SO3, 1/8th Rate\_Ch1175

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:17.7419

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 1908.75 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.50 V/m; Power Drift = -0.01 dB

Applied MIF = 3.26 dB

RF audio interference level = 29.84 dBV/m

**Emission category: M4**

MIF scaled E-field

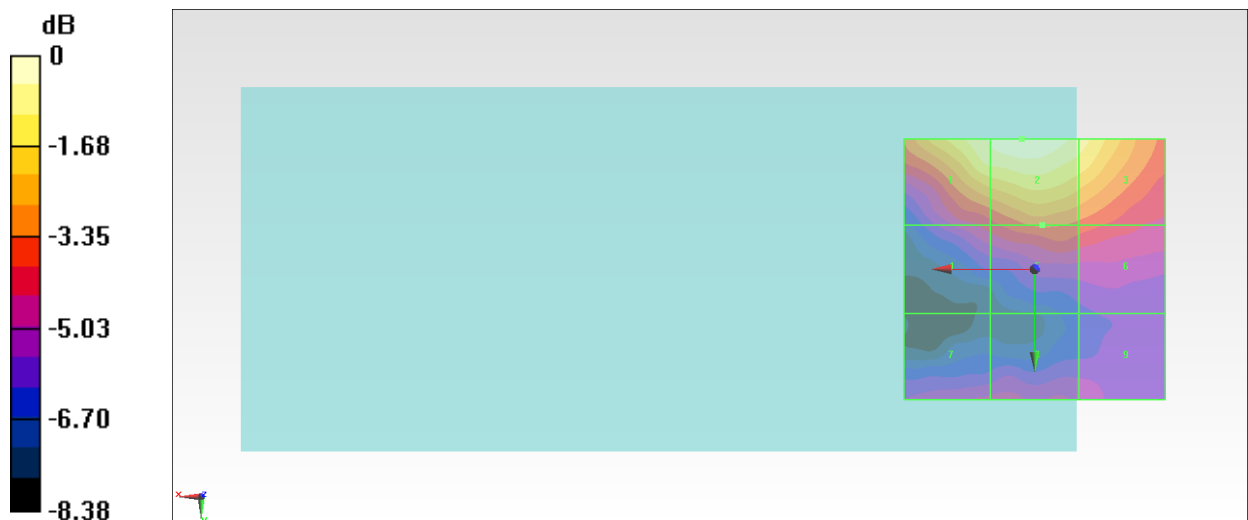
<b>Grid 1 M4</b> <b>29.38 dBV/m</b>	<b>Grid 2 M4</b> <b>29.84 dBV/m</b>	<b>Grid 3 M4</b> <b>29.05 dBV/m</b>
<b>Grid 4 M4</b> <b>25.7 dBV/m</b>	<b>Grid 5 M4</b> <b>26.62 dBV/m</b>	<b>Grid 6 M4</b> <b>26.32 dBV/m</b>
<b>Grid 7 M4</b> <b>25.01 dBV/m</b>	<b>Grid 8 M4</b> <b>25.08 dBV/m</b>	<b>Grid 9 M4</b> <b>24.62 dBV/m</b>

**Cursor:**

Total = 29.84 dBV/m

E Category: M4

Location: 2.5, -25, 8.7 mm



0 dB = 31.06 V/m = 29.84 dBV/m

### #13\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch55340

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 3560 MHz; Duty Cycle: 1:8.33681

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

**DASY5 Configuration:**

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 74.96 V/m; Power Drift = -0.03 dB

Applied MIF = -1.62 dB

RF audio interference level = 31.80 dBV/m

**Emission category: M3**

MIF scaled E-field

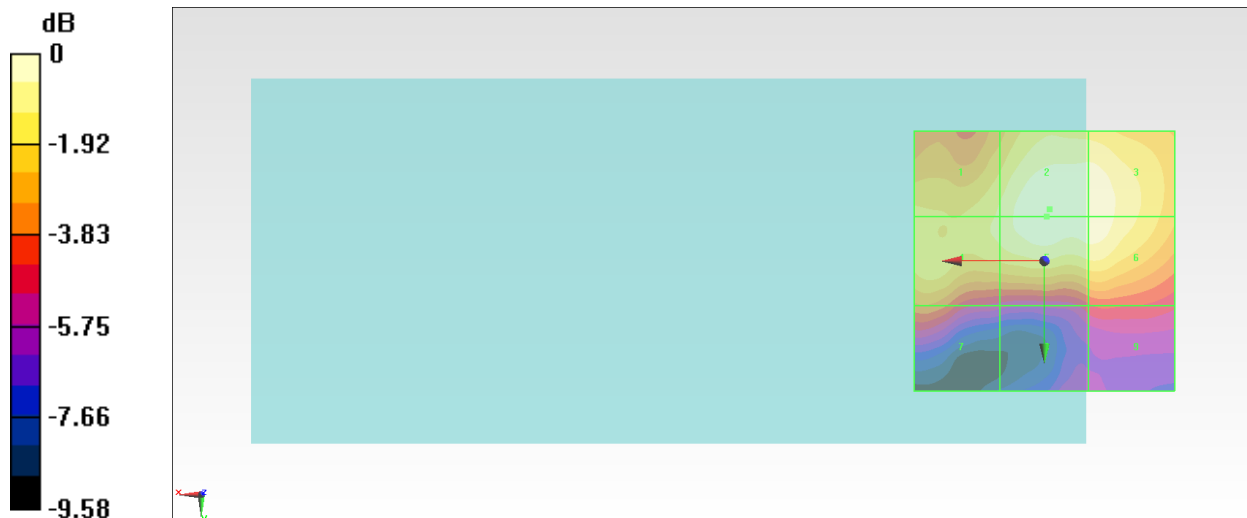
Grid 1 <b>M3</b> <b>30.69 dBV/m</b>	Grid 2 <b>M3</b> <b>31.8 dBV/m</b>	Grid 3 <b>M3</b> <b>31.76 dBV/m</b>
Grid 4 <b>M3</b> <b>30.76 dBV/m</b>	Grid 5 <b>M3</b> <b>31.75 dBV/m</b>	Grid 6 <b>M3</b> <b>31.69 dBV/m</b>
Grid 7 <b>M4</b> <b>28.6 dBV/m</b>	Grid 8 <b>M4</b> <b>27.23 dBV/m</b>	Grid 9 <b>M4</b> <b>27.54 dBV/m</b>

**Cursor:**

Total = 31.80 dBV/m

E Category: M3

Location: -1, -10, 8.7 mm



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

### #14\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch55830

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 3609 MHz; Duty Cycle: 1:8.33681

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 3609 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 74.97 V/m; Power Drift = 0.01 dB

Applied MIF = -1.62 dB

RF audio interference level = 32.67 dBV/m

**Emission category: M3**

MIF scaled E-field

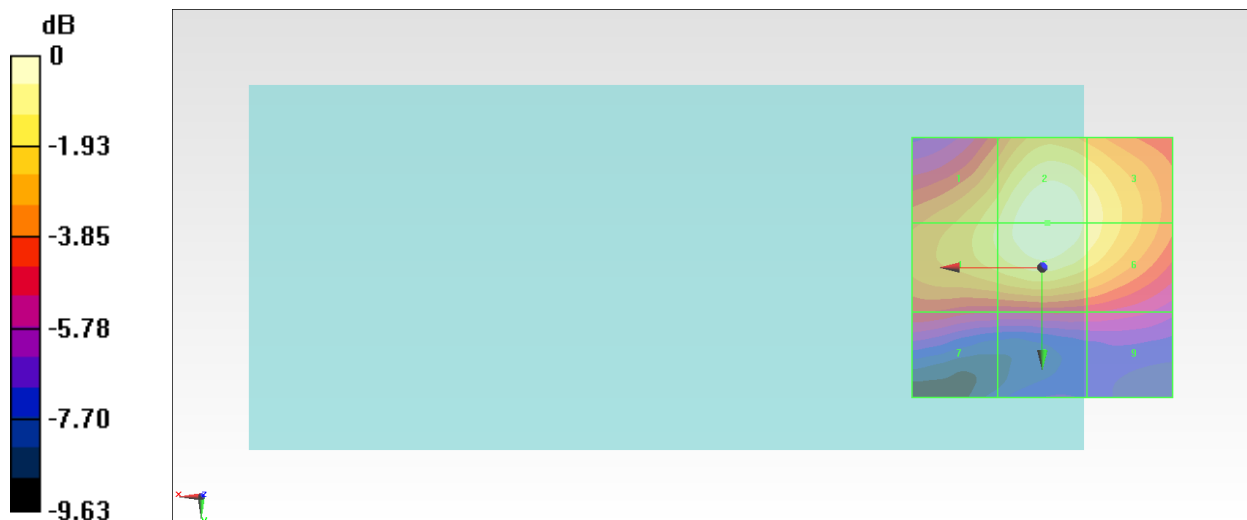
Grid 1 <b>M3</b> <b>31.41 dBV/m</b>	Grid 2 <b>M3</b> <b>32.67 dBV/m</b>	Grid 3 <b>M3</b> <b>31.9 dBV/m</b>
Grid 4 <b>M3</b> <b>31.54 dBV/m</b>	Grid 5 <b>M3</b> <b>32.67 dBV/m</b>	Grid 6 <b>M3</b> <b>31.9 dBV/m</b>
Grid 7 <b>M4</b> <b>28.2 dBV/m</b>	Grid 8 <b>M4</b> <b>27.76 dBV/m</b>	Grid 9 <b>M4</b> <b>27.65 dBV/m</b>

**Cursor:**

Total = 32.67 dBV/m

E Category: M3

Location: -1, -8.5, 8.7 mm



0 dB = 42.99 V/m = 32.67 dBV/m

### #15\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch56150

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 3641 MHz; Duty Cycle: 1:8.33681

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

**DASY5 Configuration:**

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 3641 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 72.04 V/m; Power Drift = 0.01 dB

Applied MIF = -1.62 dB

RF audio interference level = 32.22 dBV/m

**Emission category: M3**

MIF scaled E-field

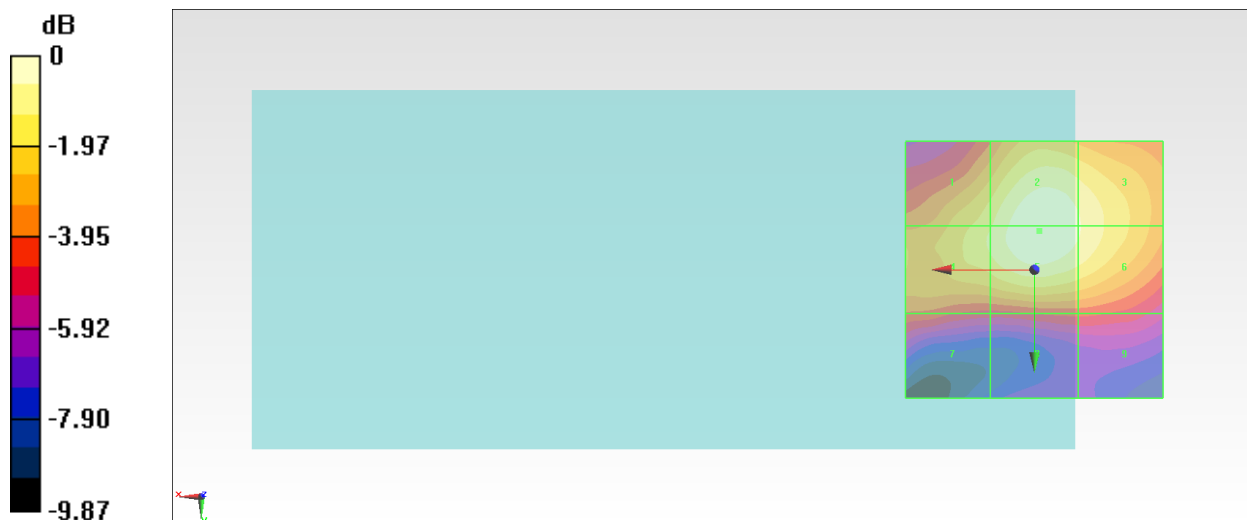
<b>Grid 1 M3</b> <b>30.86 dBV/m</b>	<b>Grid 2 M3</b> <b>32.22 dBV/m</b>	<b>Grid 3 M3</b> <b>31.64 dBV/m</b>
<b>Grid 4 M3</b> <b>31.04 dBV/m</b>	<b>Grid 5 M3</b> <b>32.22 dBV/m</b>	<b>Grid 6 M3</b> <b>31.64 dBV/m</b>
<b>Grid 7 M4</b> <b>28.24 dBV/m</b>	<b>Grid 8 M4</b> <b>27.86 dBV/m</b>	<b>Grid 9 M4</b> <b>27.86 dBV/m</b>

**Cursor:**

Total = 32.22 dBV/m

E Category: M3

Location: -1, -7.5, 8.7 mm



0 dB = 40.84 V/m = 32.22 dBV/m

### #16\_HAC\_E\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch56640

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 3690 MHz; Duty Cycle: 1:8.33681

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

**DASY5 Configuration:**

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 72.70 V/m; Power Drift = -0.03 dB

Applied MIF = -1.62 dB

RF audio interference level = 32.33 dBV/m

**Emission category: M3**

MIF scaled E-field

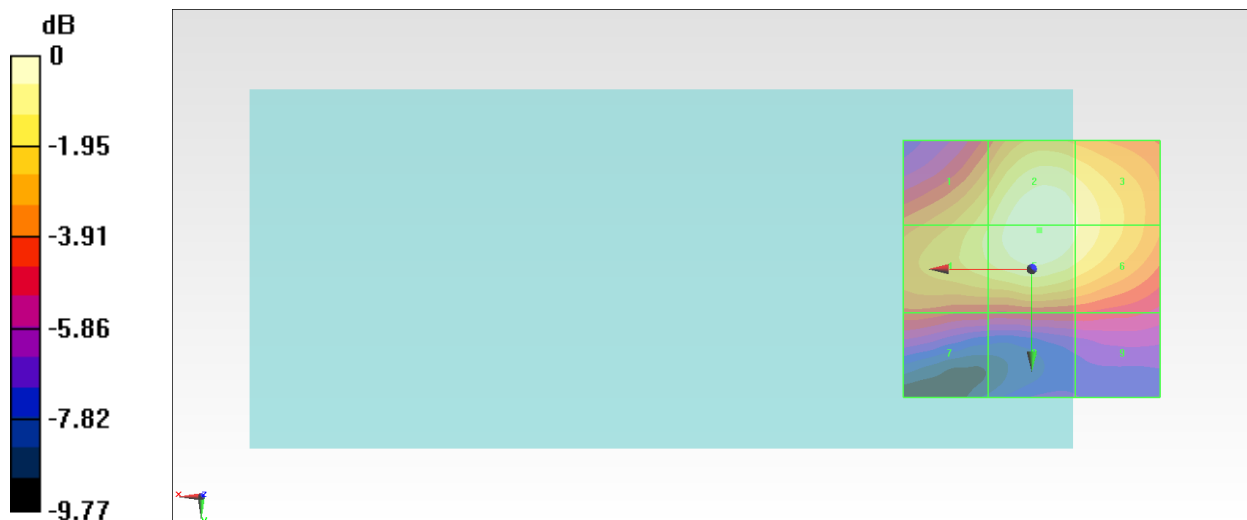
<b>Grid 1 M3</b> <b>30.98 dBV/m</b>	<b>Grid 2 M3</b> <b>32.32 dBV/m</b>	<b>Grid 3 M3</b> <b>31.76 dBV/m</b>
<b>Grid 4 M3</b> <b>31.21 dBV/m</b>	<b>Grid 5 M3</b> <b>32.33 dBV/m</b>	<b>Grid 6 M3</b> <b>31.76 dBV/m</b>
<b>Grid 7 M4</b> <b>28.25 dBV/m</b>	<b>Grid 8 M4</b> <b>27.87 dBV/m</b>	<b>Grid 9 M4</b> <b>27.78 dBV/m</b>

**Cursor:**

Total = 32.33 dBV/m

E Category: M3

Location: -1.5, -7.5, 8.7 mm



0 dB = 41.37 V/m = 32.33 dBV/m



### #17\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch1;Ant 1

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.26 V/m; Power Drift = -0.10 dB

Applied MIF = 0.12 dB

RF audio interference level = 19.90 dBV/m

**Emission category: M4**

MIF scaled E-field

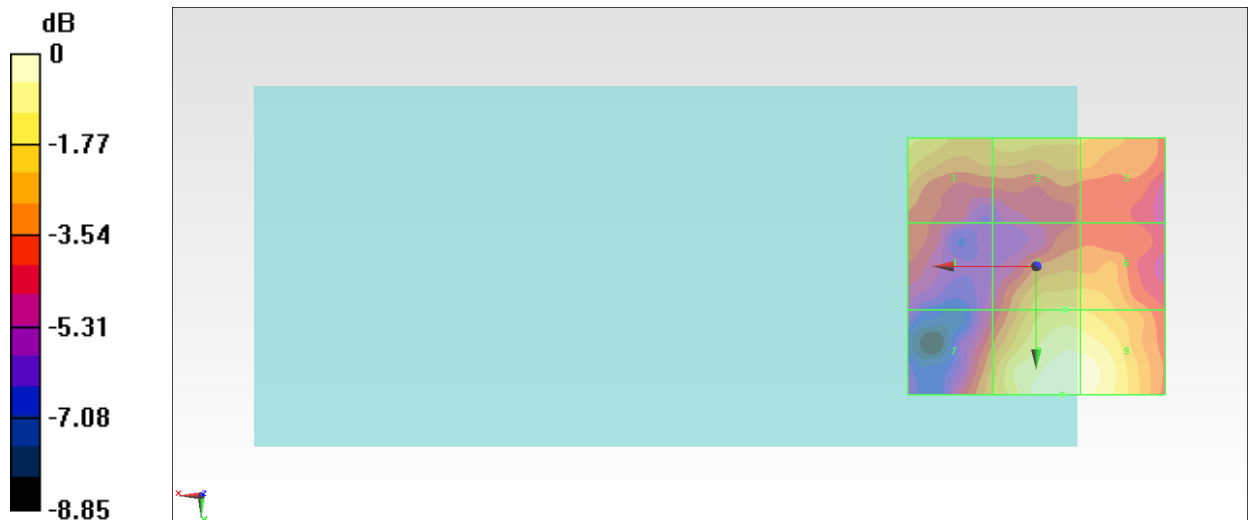
Grid 1 <b>M4</b> <b>18.26 dBV/m</b>	Grid 2 <b>M4</b> <b>18.16 dBV/m</b>	Grid 3 <b>M4</b> <b>17.63 dBV/m</b>
Grid 4 <b>M4</b> <b>16.29 dBV/m</b>	Grid 5 <b>M4</b> <b>18.27 dBV/m</b>	Grid 6 <b>M4</b> <b>18.17 dBV/m</b>
Grid 7 <b>M4</b> <b>17.52 dBV/m</b>	Grid 8 <b>M4</b> <b>19.9 dBV/m</b>	Grid 9 <b>M4</b> <b>19.71 dBV/m</b>

**Cursor:**

Total = 19.90 dBV/m

E Category: M4

Location: -5, 25, 8.7 mm



0 dB = 9.886 V/m = 19.90 dBV/m

### #18\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch6;Ant 1

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.024 V/m; Power Drift = 0.12 dB

Applied MIF = 0.12 dB

RF audio interference level = 17.63 dBV/m

**Emission category: M4**

MIF scaled E-field

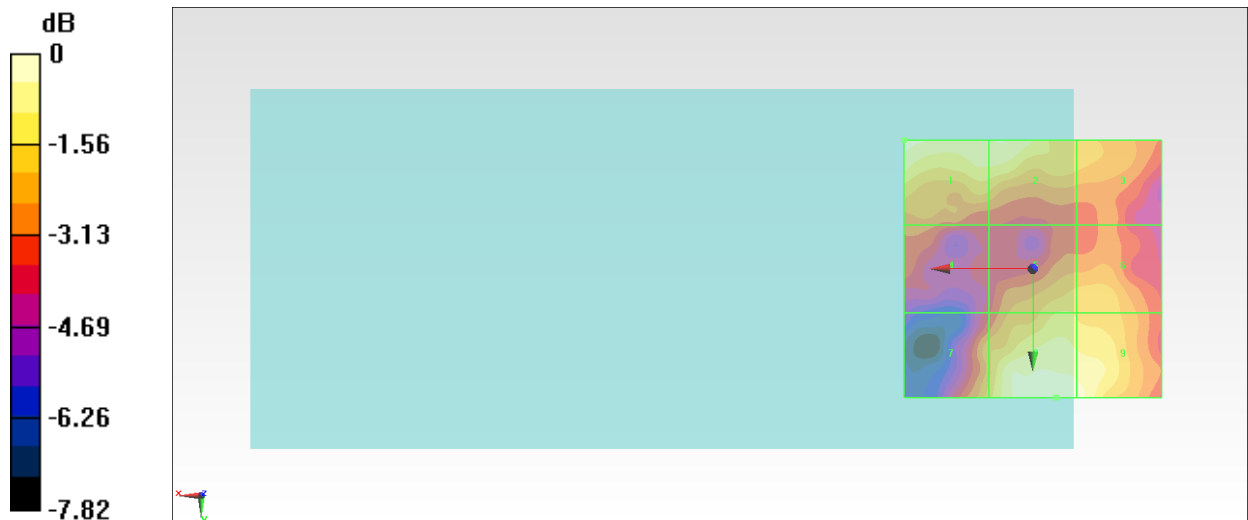
Grid 1 <b>M4</b> <b>17.33 dBV/m</b>	Grid 2 <b>M4</b> <b>17.14 dBV/m</b>	Grid 3 <b>M4</b> <b>15.82 dBV/m</b>
Grid 4 <b>M4</b> <b>14.81 dBV/m</b>	Grid 5 <b>M4</b> <b>16.13 dBV/m</b>	Grid 6 <b>M4</b> <b>16 dBV/m</b>
Grid 7 <b>M4</b> <b>15.87 dBV/m</b>	Grid 8 <b>M4</b> <b>17.63 dBV/m</b>	Grid 9 <b>M4</b> <b>17.36 dBV/m</b>

**Cursor:**

Total = 17.63 dBV/m

E Category: M4

Location: -4.5, 25, 8.7 mm



0 dB = 7.613 V/m = 17.63 dBV/m

### #19\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch11;Ant 1

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.515 V/m; Power Drift = 0.17 dB

Applied MIF = 0.12 dB

RF audio interference level = 18.96 dBV/m

**Emission category: M4**

MIF scaled E-field

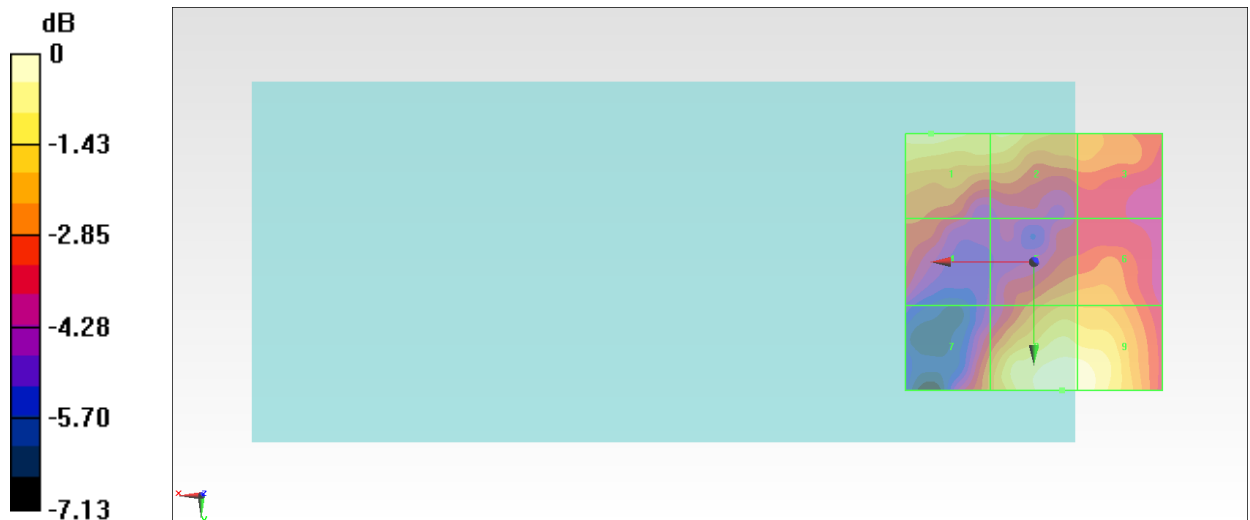
Grid 1 <b>M4</b> <b>18.46 dBV/m</b>	Grid 2 <b>M4</b> <b>18.12 dBV/m</b>	Grid 3 <b>M4</b> <b>16.93 dBV/m</b>
Grid 4 <b>M4</b> <b>16.29 dBV/m</b>	Grid 5 <b>M4</b> <b>17.08 dBV/m</b>	Grid 6 <b>M4</b> <b>17.05 dBV/m</b>
Grid 7 <b>M4</b> <b>16.82 dBV/m</b>	Grid 8 <b>M4</b> <b>18.96 dBV/m</b>	Grid 9 <b>M4</b> <b>18.86 dBV/m</b>

**Cursor:**

Total = 18.96 dBV/m

E Category: M4

Location: -5.5, 25, 8.7 mm



0 dB = 8.874 V/m = 18.96 dBV/m

## #20\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch1;Ant 2

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.36 V/m; Power Drift = 0.02 dB

Applied MIF = 0.12 dB

RF audio interference level = 20.63 dBV/m

**Emission category: M4**

MIF scaled E-field

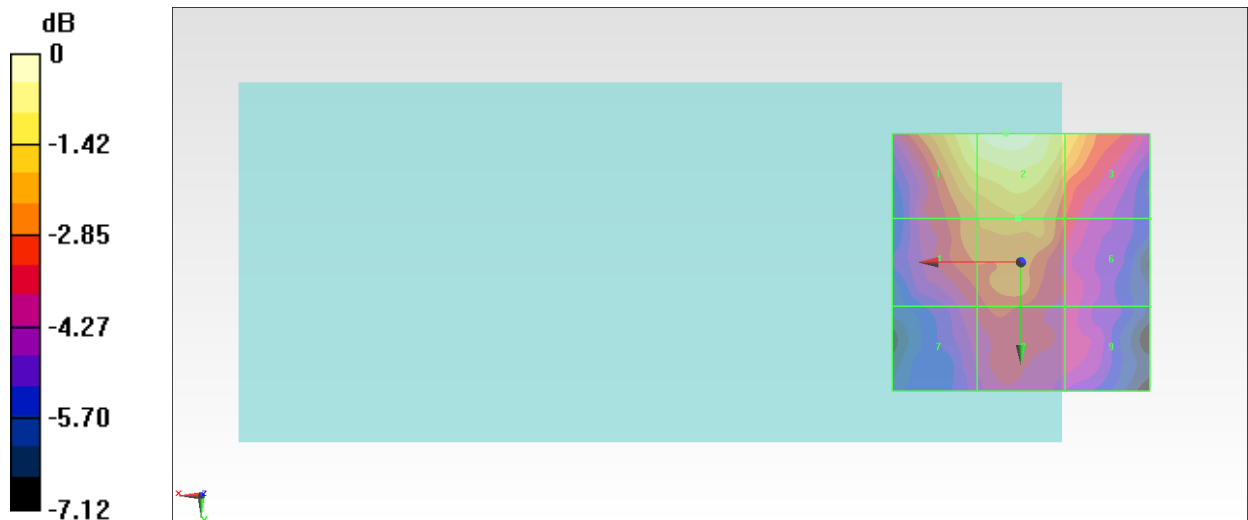
Grid 1 <b>M4</b> <b>20.07 dBV/m</b>	Grid 2 <b>M4</b> <b>20.63 dBV/m</b>	Grid 3 <b>M4</b> <b>19.32 dBV/m</b>
Grid 4 <b>M4</b> <b>18.24 dBV/m</b>	Grid 5 <b>M4</b> <b>18.65 dBV/m</b>	Grid 6 <b>M4</b> <b>17.35 dBV/m</b>
Grid 7 <b>M4</b> <b>17.05 dBV/m</b>	Grid 8 <b>M4</b> <b>17.53 dBV/m</b>	Grid 9 <b>M4</b> <b>16.7 dBV/m</b>

**Cursor:**

Total = 20.63 dBV/m

E Category: M4

Location: 3, -25, 8.7 mm



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

## #21\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch6;Ant 2

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.83 V/m; Power Drift = 0.04 dB

Applied MIF = 0.12 dB

RF audio interference level = 22.83 dBV/m

**Emission category: M4**

MIF scaled E-field

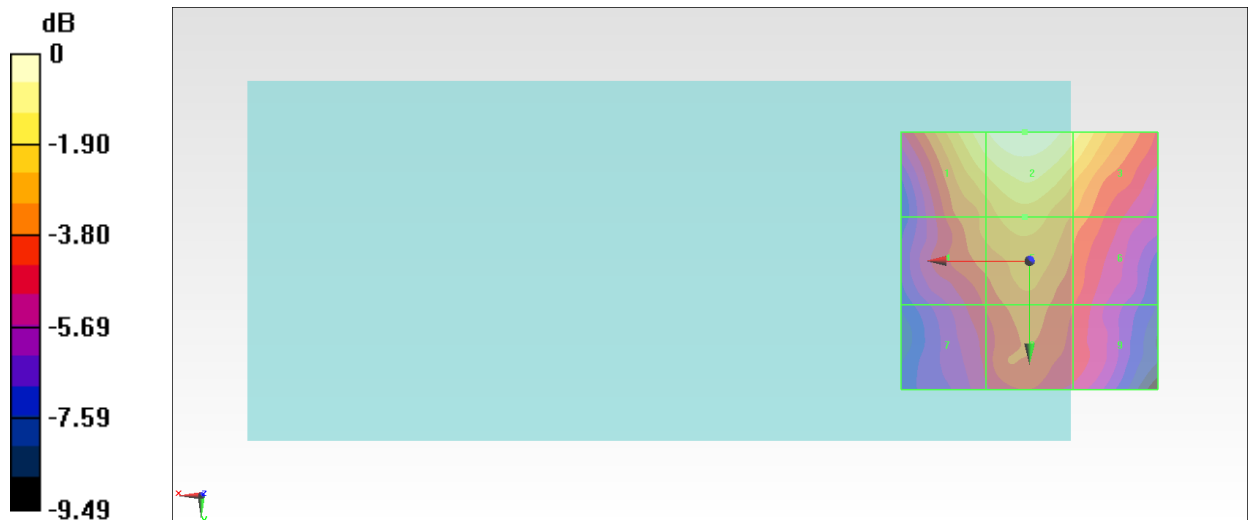
Grid 1 <b>M4</b> <b>22.11 dBV/m</b>	Grid 2 <b>M4</b> <b>22.83 dBV/m</b>	Grid 3 <b>M4</b> <b>21.85 dBV/m</b>
Grid 4 <b>M4</b> <b>19.9 dBV/m</b>	Grid 5 <b>M4</b> <b>20.65 dBV/m</b>	Grid 6 <b>M4</b> <b>19.6 dBV/m</b>
Grid 7 <b>M4</b> <b>18.51 dBV/m</b>	Grid 8 <b>M4</b> <b>19.46 dBV/m</b>	Grid 9 <b>M4</b> <b>18.47 dBV/m</b>

**Cursor:**

Total = 22.83 dBV/m

E Category: M4

Location: 1, -25, 8.7 mm



0 dB = 13.86 V/m = 22.84 dBV/m

## #22\_HAC\_E\_WLAN2.4GHz\_802.11g\_6Mbps\_Ch11;Ant 2

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.44 V/m; Power Drift = -0.05 dB

Applied MIF = 0.12 dB

RF audio interference level = 24.14 dBV/m

**Emission category: M4**

MIF scaled E-field

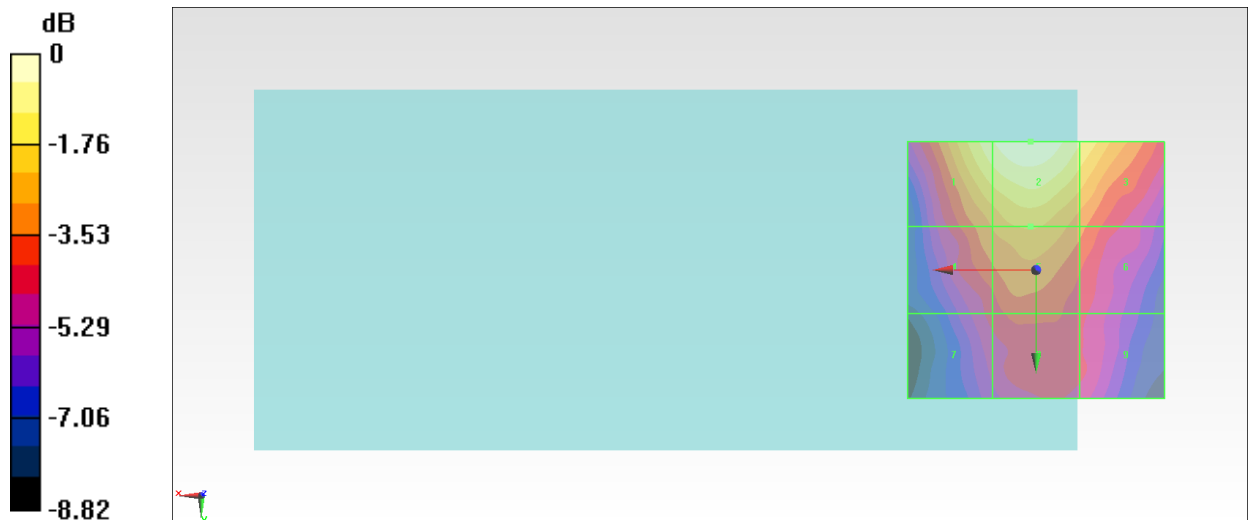
Grid 1 <b>M4</b> <b>23.51 dBV/m</b>	Grid 2 <b>M4</b> <b>24.14 dBV/m</b>	Grid 3 <b>M4</b> <b>23.07 dBV/m</b>
Grid 4 <b>M4</b> <b>21.25 dBV/m</b>	Grid 5 <b>M4</b> <b>21.87 dBV/m</b>	Grid 6 <b>M4</b> <b>20.84 dBV/m</b>
Grid 7 <b>M4</b> <b>19.71 dBV/m</b>	Grid 8 <b>M4</b> <b>20.25 dBV/m</b>	Grid 9 <b>M4</b> <b>19.66 dBV/m</b>

**Cursor:**

Total = 24.14 dBV/m

E Category: M4

Location: 1, -25, 8.7 mm



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

### #23\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch36\_Ant 1

Communication System: 802.11a ; Frequency: 5180 MHz;Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5180 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.519 V/m; Power Drift = 0.09 dB

Applied MIF = -3.15 dB

RF audio interference level = 14.76 dBV/m

**Emission category: M4**

MIF scaled E-field

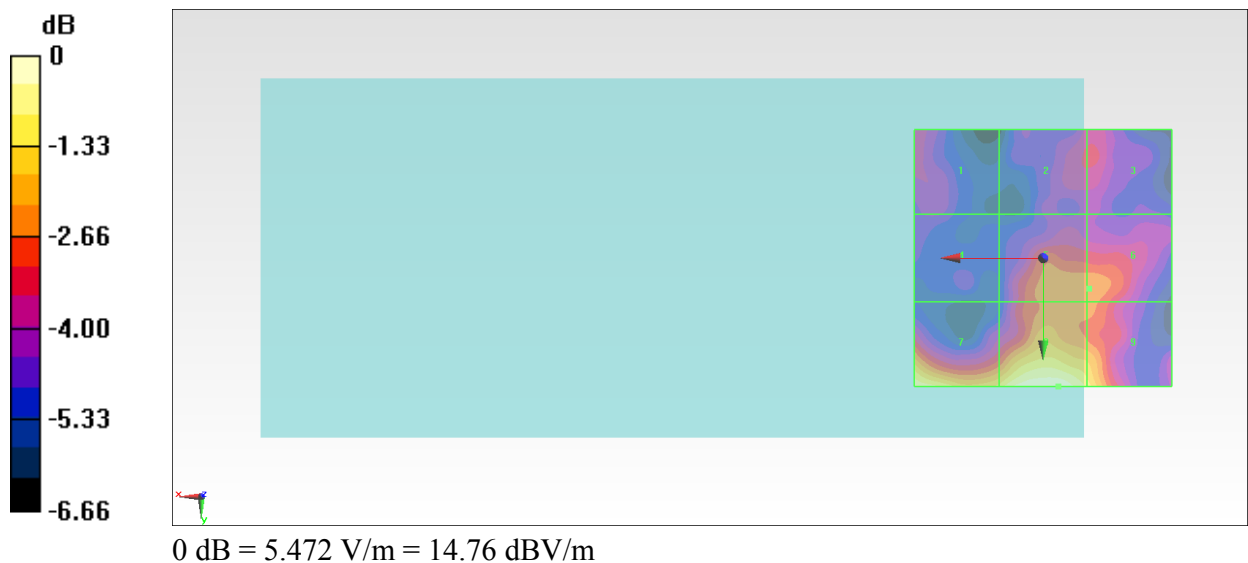
<b>Grid 1 M4</b> <b>11.16 dBV/m</b>	<b>Grid 2 M4</b> <b>11.35 dBV/m</b>	<b>Grid 3 M4</b> <b>11.38 dBV/m</b>
<b>Grid 4 M4</b> <b>10.4 dBV/m</b>	<b>Grid 5 M4</b> <b>12.5 dBV/m</b>	<b>Grid 6 M4</b> <b>12.51 dBV/m</b>
<b>Grid 7 M4</b> <b>14.36 dBV/m</b>	<b>Grid 8 M4</b> <b>14.76 dBV/m</b>	<b>Grid 9 M4</b> <b>13.76 dBV/m</b>

**Cursor:**

Total = 14.76 dBV/m

E Category: M4

Location: -3, 25, 8.7 mm



## #24\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch40\_Ant 1

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5200 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.19 V/m; Power Drift = 0.17 dB

Applied MIF = -3.15 dB

RF audio interference level = 16.76 dBV/m

**Emission category: M4**

MIF scaled E-field

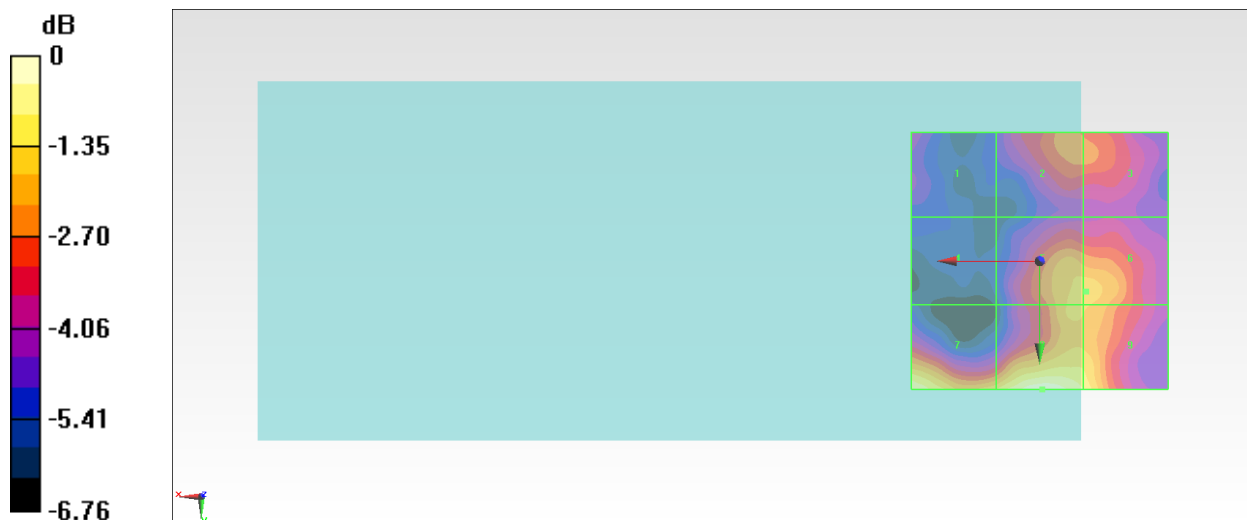
<b>Grid 1 M4</b> <b>12.97 dBV/m</b>	<b>Grid 2 M4</b> <b>14.32 dBV/m</b>	<b>Grid 3 M4</b> <b>14.27 dBV/m</b>
<b>Grid 4 M4</b> <b>11.63 dBV/m</b>	<b>Grid 5 M4</b> <b>15.19 dBV/m</b>	<b>Grid 6 M4</b> <b>15.2 dBV/m</b>
<b>Grid 7 M4</b> <b>16.34 dBV/m</b>	<b>Grid 8 M4</b> <b>16.76 dBV/m</b>	<b>Grid 9 M4</b> <b>15.88 dBV/m</b>

**Cursor:**

Total = 16.76 dBV/m

E Category: M4

Location: -0.5, 25, 8.7 mm



0 dB = 6.883 V/m = 16.76 dBV/m



## #25\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch44\_Ant 1

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5220 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.419 V/m; Power Drift = 0.19 dB

Applied MIF = -3.15 dB

RF audio interference level = 14.44 dBV/m

**Emission category: M4**

MIF scaled E-field

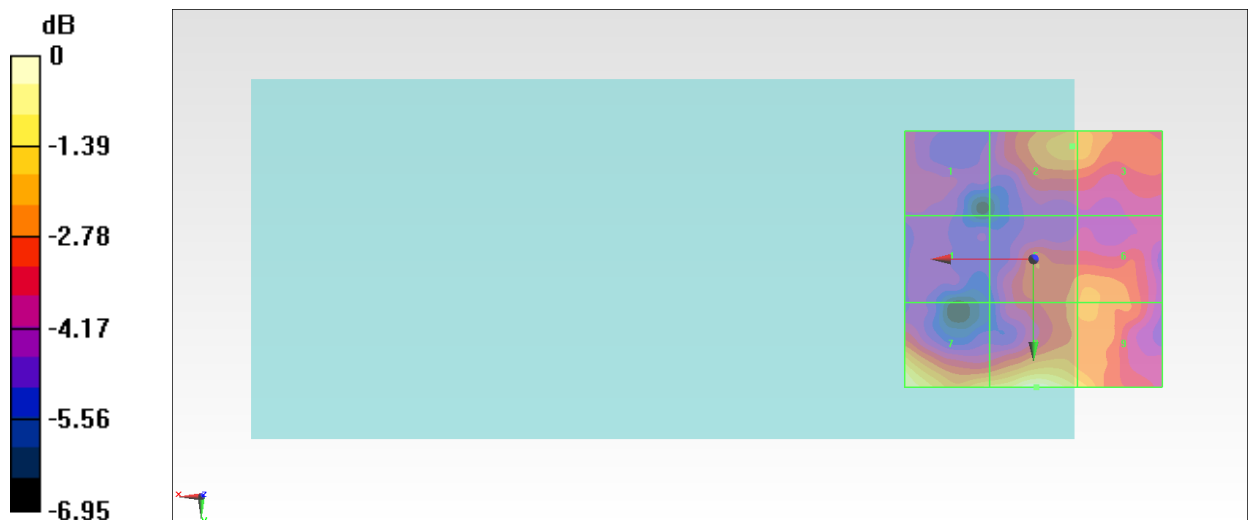
<b>Grid 1 M4</b> <b>10.75 dBV/m</b>	<b>Grid 2 M4</b> <b>12.39 dBV/m</b>	<b>Grid 3 M4</b> <b>12.37 dBV/m</b>
<b>Grid 4 M4</b> <b>10.27 dBV/m</b>	<b>Grid 5 M4</b> <b>12.11 dBV/m</b>	<b>Grid 6 M4</b> <b>12.29 dBV/m</b>
<b>Grid 7 M4</b> <b>14.05 dBV/m</b>	<b>Grid 8 M4</b> <b>14.44 dBV/m</b>	<b>Grid 9 M4</b> <b>13.08 dBV/m</b>

**Cursor:**

Total = 14.44 dBV/m

E Category: M4

Location: -0.5, 25, 8.7 mm



0 dB = 5.275 V/m = 14.44 dBV/m

## #26\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch48\_Ant 1

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5240 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.740 V/m; Power Drift = -0.19 dB

Applied MIF = -3.15 dB

RF audio interference level = 13.23 dBV/m

**Emission category: M4**

MIF scaled E-field

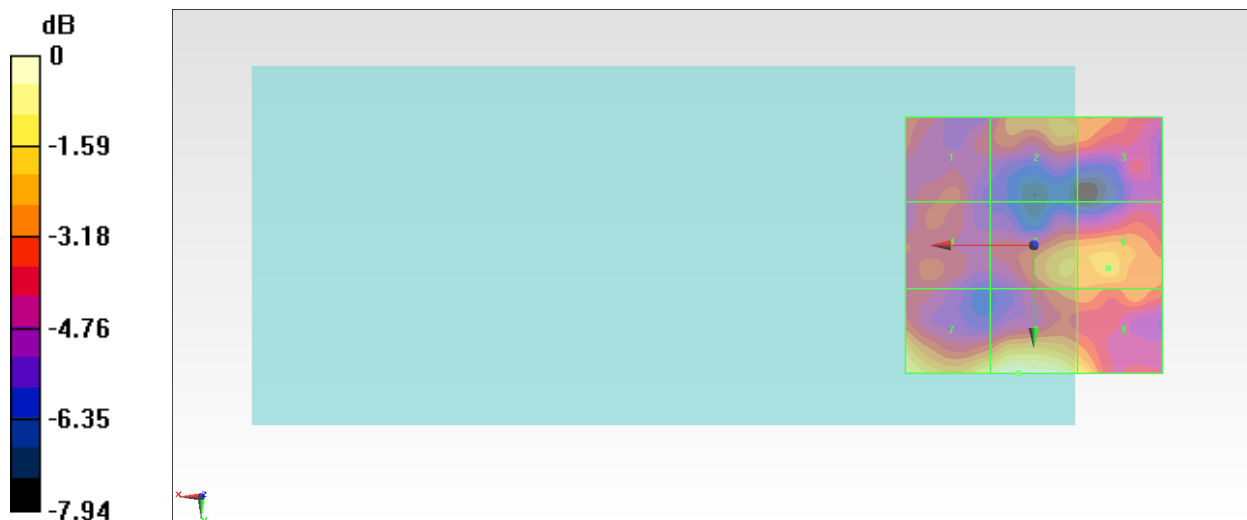
<b>Grid 1 M4</b> <b>9.9 dBV/m</b>	<b>Grid 2 M4</b> <b>10.77 dBV/m</b>	<b>Grid 3 M4</b> <b>10.56 dBV/m</b>
<b>Grid 4 M4</b> <b>9.85 dBV/m</b>	<b>Grid 5 M4</b> <b>11.24 dBV/m</b>	<b>Grid 6 M4</b> <b>11.39 dBV/m</b>
<b>Grid 7 M4</b> <b>12.62 dBV/m</b>	<b>Grid 8 M4</b> <b>13.23 dBV/m</b>	<b>Grid 9 M4</b> <b>12 dBV/m</b>

**Cursor:**

Total = 13.23 dBV/m

E Category: M4

Location: 3, 25, 8.7 mm



0 dB = 4.586 V/m = 13.23 dBV/m

### #27\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch52\_Ant 1

Communication System: 802.11a ; Frequency: 5260 MHz;Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5260 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.362 V/m; Power Drift = -0.03 dB

Applied MIF = -3.15 dB

RF audio interference level = 16.10 dBV/m

**Emission category: M4**

MIF scaled E-field

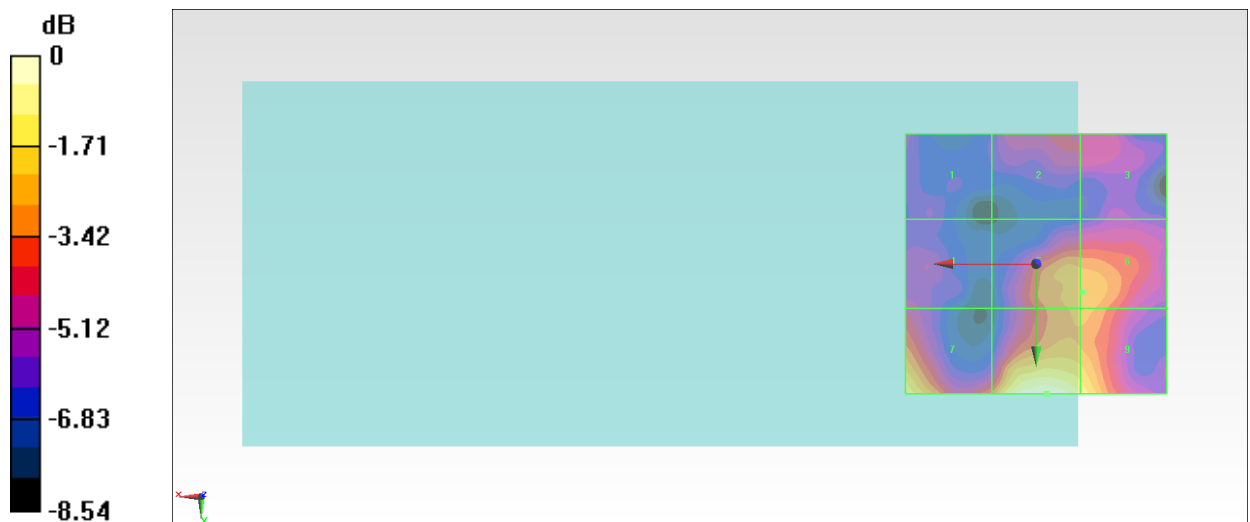
Grid 1 <b>M4</b> <b>10.9 dBV/m</b>	Grid 2 <b>M4</b> <b>11.67 dBV/m</b>	Grid 3 <b>M4</b> <b>11.58 dBV/m</b>
Grid 4 <b>M4</b> <b>11.4 dBV/m</b>	Grid 5 <b>M4</b> <b>13.74 dBV/m</b>	Grid 6 <b>M4</b> <b>13.75 dBV/m</b>
Grid 7 <b>M4</b> <b>15.04 dBV/m</b>	Grid 8 <b>M4</b> <b>16.1 dBV/m</b>	Grid 9 <b>M4</b> <b>14.99 dBV/m</b>

**Cursor:**

Total = 16.10 dBV/m

E Category: M4

Location: -2, 25, 8.7 mm



0 dB = 6.382 V/m = 16.10 dBV/m

## #28\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch56\_Ant 1

Communication System: 802.11a ; Frequency: 5280 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5280 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.24 V/m; Power Drift = 0.02 dB

Applied MIF = -3.15 dB

RF audio interference level = 16.85 dBV/m

**Emission category: M4**

MIF scaled E-field

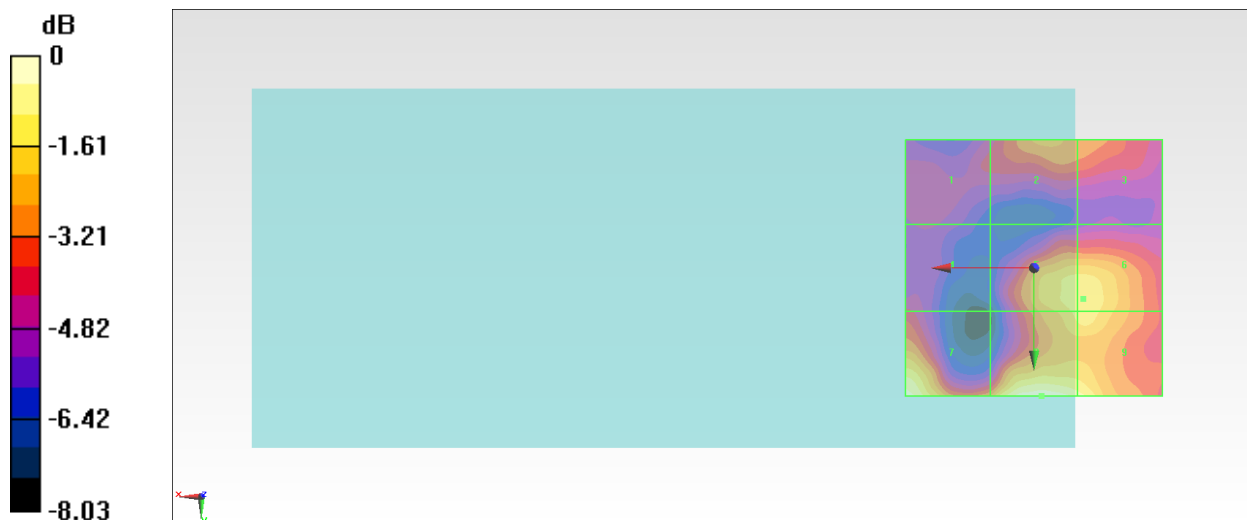
<b>Grid 1 M4</b> <b>12.76 dBV/m</b>	<b>Grid 2 M4</b> <b>14.37 dBV/m</b>	<b>Grid 3 M4</b> <b>13.99 dBV/m</b>
<b>Grid 4 M4</b> <b>12.75 dBV/m</b>	<b>Grid 5 M4</b> <b>15.71 dBV/m</b>	<b>Grid 6 M4</b> <b>15.75 dBV/m</b>
<b>Grid 7 M4</b> <b>16.68 dBV/m</b>	<b>Grid 8 M4</b> <b>16.85 dBV/m</b>	<b>Grid 9 M4</b> <b>16.1 dBV/m</b>

**Cursor:**

Total = 16.85 dBV/m

E Category: M4

Location: -1.5, 25, 8.7 mm



0 dB = 6.960 V/m = 16.85 dBV/m

## #29\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch60\_Ant 1

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5300 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.317 V/m; Power Drift = 0.18 dB

Applied MIF = -3.15 dB

RF audio interference level = 15.06 dBV/m

**Emission category: M4**

MIF scaled E-field

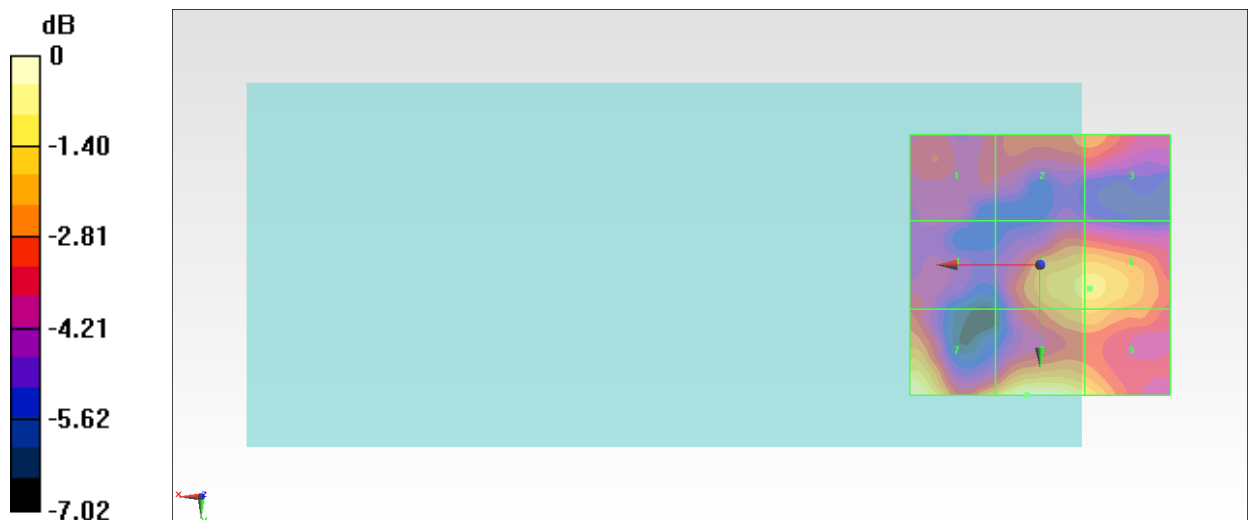
<b>Grid 1 M4</b> <b>11.81 dBV/m</b>	<b>Grid 2 M4</b> <b>12.58 dBV/m</b>	<b>Grid 3 M4</b> <b>12.59 dBV/m</b>
<b>Grid 4 M4</b> <b>11.72 dBV/m</b>	<b>Grid 5 M4</b> <b>13.81 dBV/m</b>	<b>Grid 6 M4</b> <b>13.82 dBV/m</b>
<b>Grid 7 M4</b> <b>14.91 dBV/m</b>	<b>Grid 8 M4</b> <b>15.06 dBV/m</b>	<b>Grid 9 M4</b> <b>13.92 dBV/m</b>

**Cursor:**

Total = 15.06 dBV/m

E Category: M4

Location: 2.5, 25, 8.7 mm



0 dB = 5.666 V/m = 15.07 dBV/m

### #30\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch64\_Ant 1

Communication System: 802.11a ; Frequency: 5320 MHz;Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5320 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.19 V/m; Power Drift = 0.16 dB

Applied MIF = -3.15 dB

RF audio interference level = 17.52 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>16.23 dBV/m</b>	<b>Grid 2 M4</b> <b>15.09 dBV/m</b>	<b>Grid 3 M4</b> <b>14.29 dBV/m</b>
<b>Grid 4 M4</b> <b>16.02 dBV/m</b>	<b>Grid 5 M4</b> <b>16.42 dBV/m</b>	<b>Grid 6 M4</b> <b>15.48 dBV/m</b>
<b>Grid 7 M4</b> <b>17.52 dBV/m</b>	<b>Grid 8 M4</b> <b>17.46 dBV/m</b>	<b>Grid 9 M4</b> <b>16.02 dBV/m</b>

**Cursor:**

Total = 17.52 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 7.518 V/m = 17.52 dBV/m

### #31\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch100\_Ant 1

Communication System: 802.11a ; Frequency: 5500 MHz;Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5500 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.61 V/m; Power Drift = 0.19 dB

Applied MIF = -3.15 dB

RF audio interference level = 16.63 dBV/m

**Emission category: M4**

MIF scaled E-field

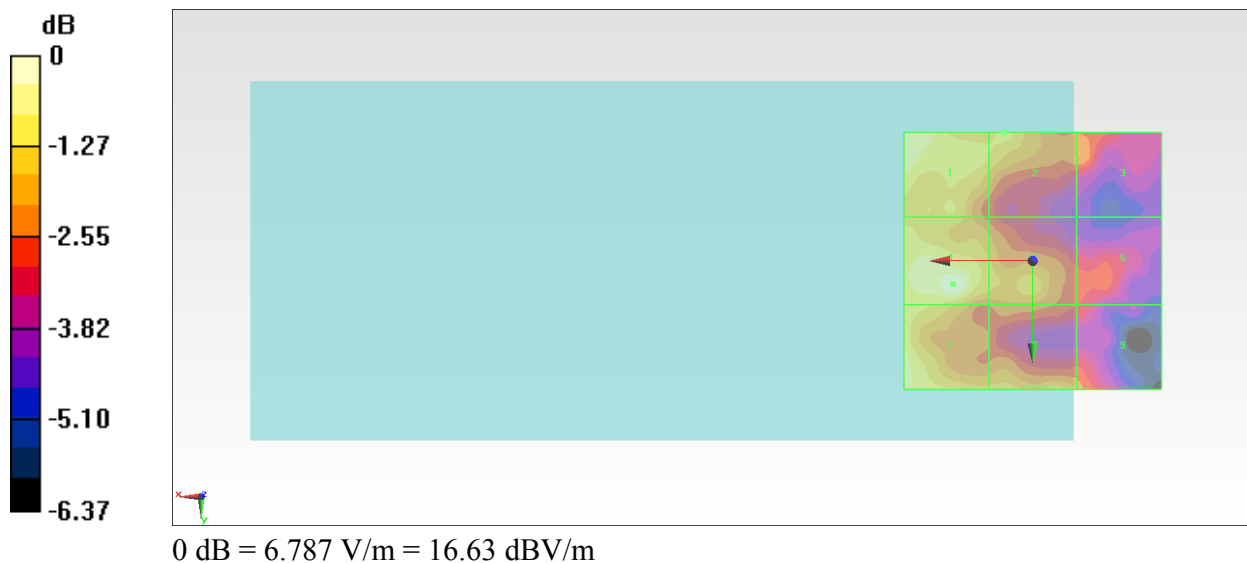
Grid 1 <b>M4</b> <b>16.11 dBV/m</b>	Grid 2 <b>M4</b> <b>15.53 dBV/m</b>	Grid 3 <b>M4</b> <b>14.53 dBV/m</b>
Grid 4 <b>M4</b> <b>16.63 dBV/m</b>	Grid 5 <b>M4</b> <b>15.22 dBV/m</b>	Grid 6 <b>M4</b> <b>13.94 dBV/m</b>
Grid 7 <b>M4</b> <b>16.04 dBV/m</b>	Grid 8 <b>M4</b> <b>15.24 dBV/m</b>	Grid 9 <b>M4</b> <b>14.53 dBV/m</b>

**Cursor:**

Total = 16.63 dBV/m

E Category: M4

Location: 15.5, 4.5, 8.7 mm



### #32\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch116\_Ant 1

Communication System: 802.11a ; Frequency: 5580 MHz;Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5580 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.41 V/m; Power Drift = -0.10 dB

Applied MIF = -3.15 dB

RF audio interference level = 16.35 dBV/m

**Emission category: M4**

MIF scaled E-field

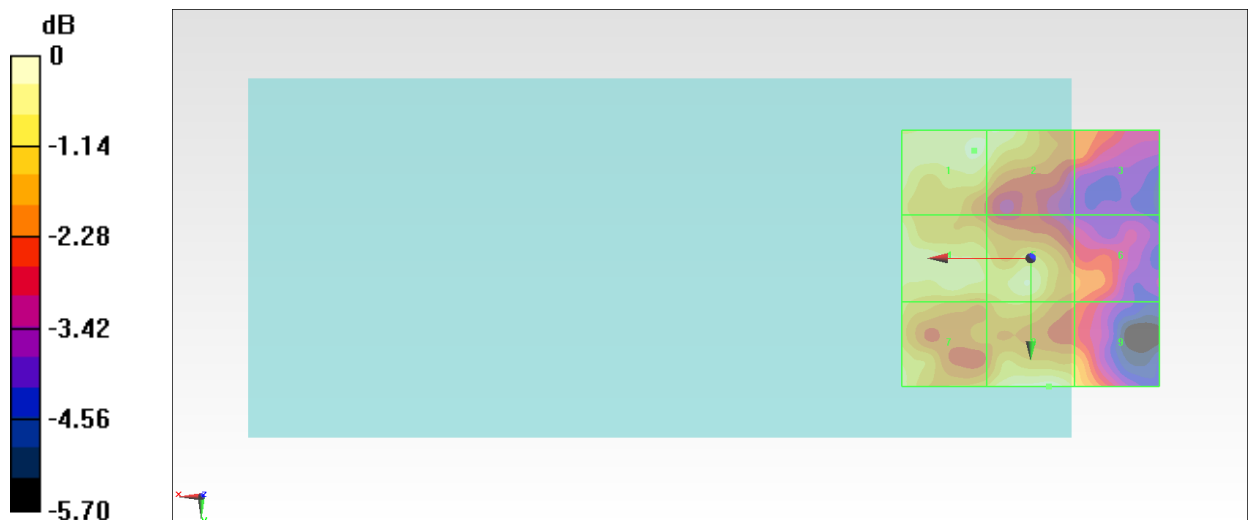
<b>Grid 1 M4</b> <b>16.07 dBV/m</b>	<b>Grid 2 M4</b> <b>16 dBV/m</b>	<b>Grid 3 M4</b> <b>14.43 dBV/m</b>
<b>Grid 4 M4</b> <b>15.94 dBV/m</b>	<b>Grid 5 M4</b> <b>16 dBV/m</b>	<b>Grid 6 M4</b> <b>14.57 dBV/m</b>
<b>Grid 7 M4</b> <b>15.81 dBV/m</b>	<b>Grid 8 M4</b> <b>16.35 dBV/m</b>	<b>Grid 9 M4</b> <b>15.44 dBV/m</b>

**Cursor:**

Total = 16.35 dBV/m

E Category: M4

Location: -3.5, 25, 8.7 mm



0 dB = 6.572 V/m = 16.35 dBV/m



### #33\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch124\_Ant 1

Communication System: 802.11a ; Frequency: 5620 MHz;Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5620 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.227 V/m; Power Drift = -0.04 dB

Applied MIF = -3.15 dB

RF audio interference level = 14.11 dBV/m

**Emission category: M4**

MIF scaled E-field

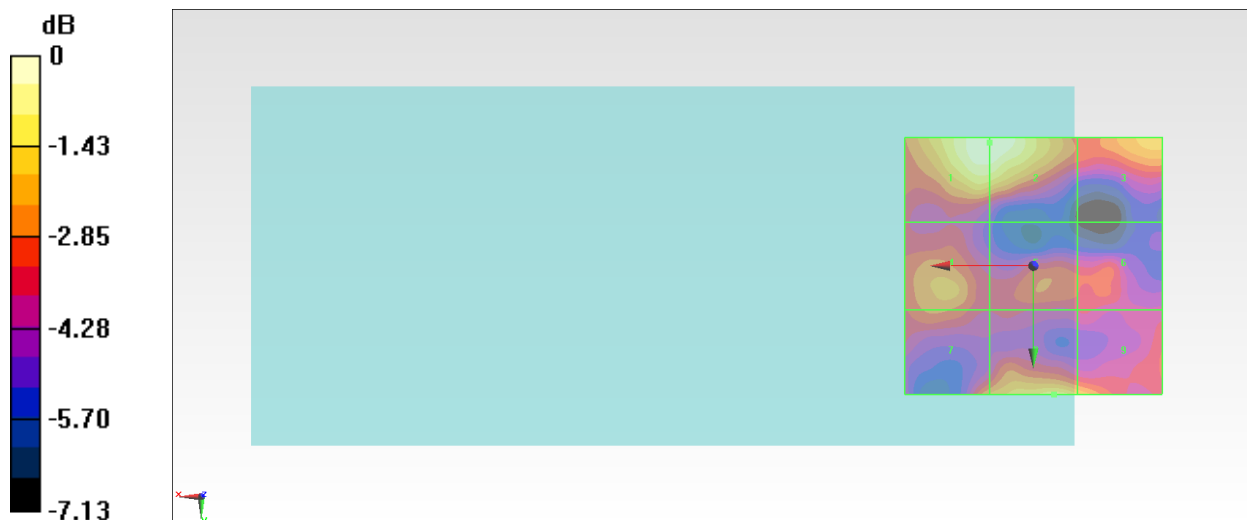
Grid 1 <b>M4</b> <b>14.11 dBV/m</b>	Grid 2 <b>M4</b> <b>14.11 dBV/m</b>	Grid 3 <b>M4</b> <b>12.51 dBV/m</b>
Grid 4 <b>M4</b> <b>11.92 dBV/m</b>	Grid 5 <b>M4</b> <b>11.32 dBV/m</b>	Grid 6 <b>M4</b> <b>11.05 dBV/m</b>
Grid 7 <b>M4</b> <b>11.88 dBV/m</b>	Grid 8 <b>M4</b> <b>13.06 dBV/m</b>	Grid 9 <b>M4</b> <b>12.33 dBV/m</b>

**Cursor:**

Total = 14.11 dBV/m

E Category: M4

Location: 8.5, -24, 8.7 mm



0 dB = 5.074 V/m = 14.11 dBV/m

### #34\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch132\_Ant 1

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5660 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.032 V/m; Power Drift = -0.02 dB

Applied MIF = -3.15 dB

RF audio interference level = 15.14 dBV/m

**Emission category: M4**

MIF scaled E-field

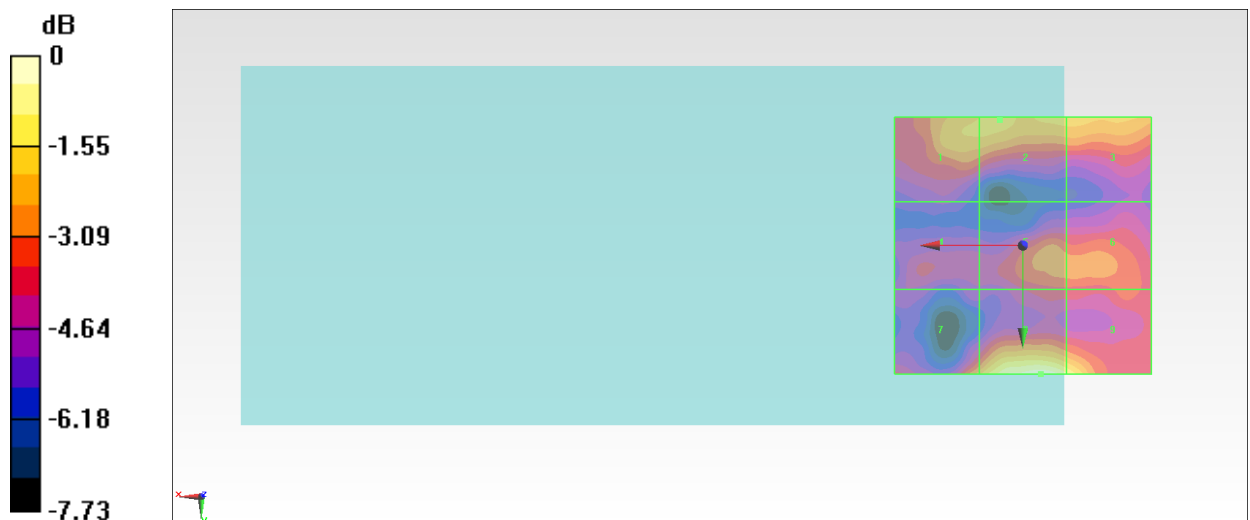
<b>Grid 1 M4</b> <b>13.23 dBV/m</b>	<b>Grid 2 M4</b> <b>13.31 dBV/m</b>	<b>Grid 3 M4</b> <b>13.26 dBV/m</b>
<b>Grid 4 M4</b> <b>11.16 dBV/m</b>	<b>Grid 5 M4</b> <b>12.42 dBV/m</b>	<b>Grid 6 M4</b> <b>12.32 dBV/m</b>
<b>Grid 7 M4</b> <b>12.95 dBV/m</b>	<b>Grid 8 M4</b> <b>15.14 dBV/m</b>	<b>Grid 9 M4</b> <b>14.2 dBV/m</b>

**Cursor:**

Total = 15.14 dBV/m

E Category: M4

Location: -3.5, 25, 8.7 mm



0 dB = 5.716 V/m = 15.14 dBV/m

### #35\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch140\_Ant 1

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5700 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.870 V/m; Power Drift = -0.09 dB

Applied MIF = -3.15 dB

RF audio interference level = 13.48 dBV/m

**Emission category: M4**

MIF scaled E-field

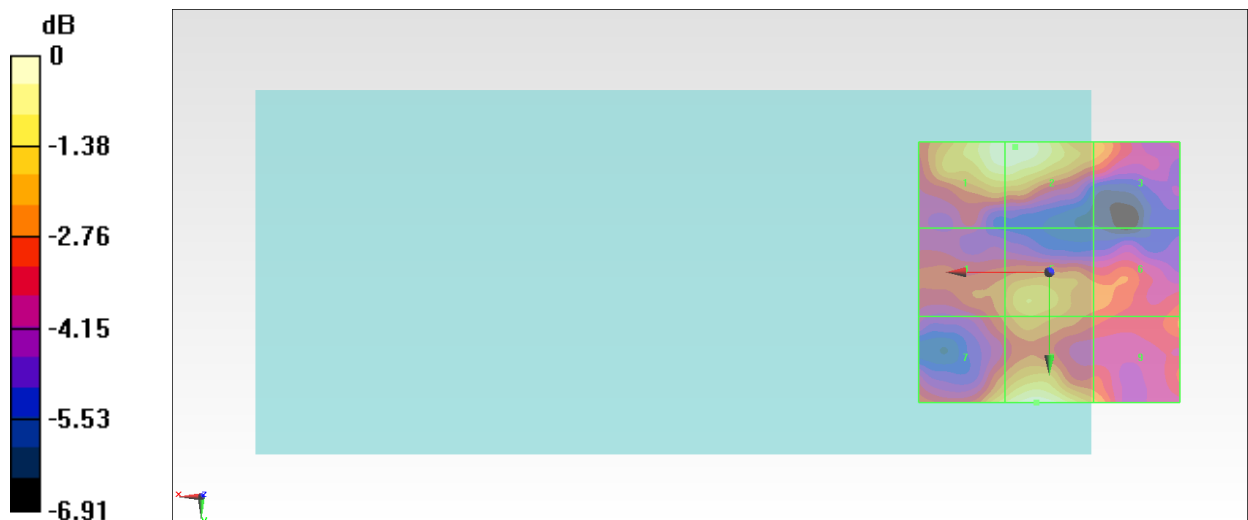
Grid 1 <b>M4</b> <b>13.39 dBV/m</b>	Grid 2 <b>M4</b> <b>13.47 dBV/m</b>	Grid 3 <b>M4</b> <b>11.52 dBV/m</b>
Grid 4 <b>M4</b> <b>11.12 dBV/m</b>	Grid 5 <b>M4</b> <b>12.11 dBV/m</b>	Grid 6 <b>M4</b> <b>11.01 dBV/m</b>
Grid 7 <b>M4</b> <b>12.53 dBV/m</b>	Grid 8 <b>M4</b> <b>13.46 dBV/m</b>	Grid 9 <b>M4</b> <b>11.45 dBV/m</b>

**Cursor:**

Total = 13.47 dBV/m

E Category: M4

Location: 6.5, -24, 8.7 mm



0 dB = 4.718 V/m = 13.48 dBV/m

### #36\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch149\_Ant 1

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.581 V/m; Power Drift = -0.02 dB

Applied MIF = -3.15 dB

RF audio interference level = 14.85 dBV/m

**Emission category: M4**

MIF scaled E-field

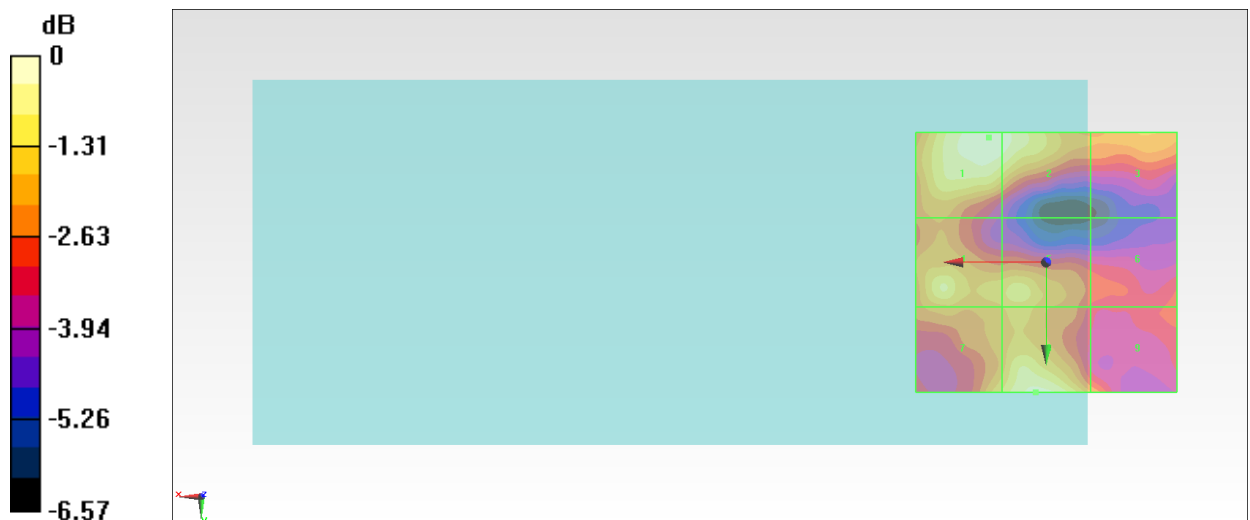
Grid 1 <b>M4</b> <b>14.85 dBV/m</b>	Grid 2 <b>M4</b> <b>14.7 dBV/m</b>	Grid 3 <b>M4</b> <b>13.15 dBV/m</b>
Grid 4 <b>M4</b> <b>14.05 dBV/m</b>	Grid 5 <b>M4</b> <b>13.85 dBV/m</b>	Grid 6 <b>M4</b> <b>12.11 dBV/m</b>
Grid 7 <b>M4</b> <b>13.66 dBV/m</b>	Grid 8 <b>M4</b> <b>14.66 dBV/m</b>	Grid 9 <b>M4</b> <b>12.8 dBV/m</b>

**Cursor:**

Total = 14.85 dBV/m

E Category: M4

Location: 11, -24, 8.7 mm



0 dB = 5.529 V/m = 14.85 dBV/m

### #37\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch157\_Ant 1

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.539 V/m; Power Drift = 0.03 dB

Applied MIF = -3.15 dB

RF audio interference level = 14.08 dBV/m

**Emission category: M4**

MIF scaled E-field

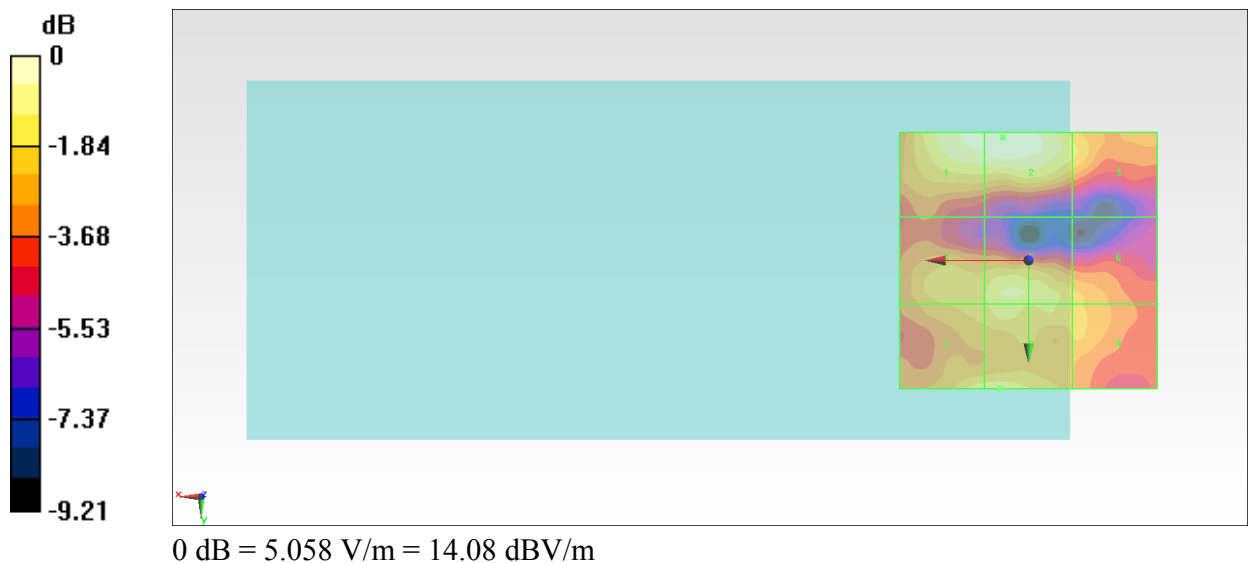
Grid 1 <b>M4</b> <b>13.86 dBV/m</b>	Grid 2 <b>M4</b> <b>14.08 dBV/m</b>	Grid 3 <b>M4</b> <b>12.44 dBV/m</b>
Grid 4 <b>M4</b> <b>12.25 dBV/m</b>	Grid 5 <b>M4</b> <b>12.96 dBV/m</b>	Grid 6 <b>M4</b> <b>11.93 dBV/m</b>
Grid 7 <b>M4</b> <b>12.86 dBV/m</b>	Grid 8 <b>M4</b> <b>12.98 dBV/m</b>	Grid 9 <b>M4</b> <b>11.91 dBV/m</b>

**Cursor:**

Total = 14.08 dBV/m

E Category: M4

Location: 5, -24, 8.7 mm



### #38\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch165\_Ant 1

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5825 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.839 V/m; Power Drift = 0.04 dB

Applied MIF = -3.15 dB

RF audio interference level = 15.08 dBV/m

**Emission category: M4**

MIF scaled E-field

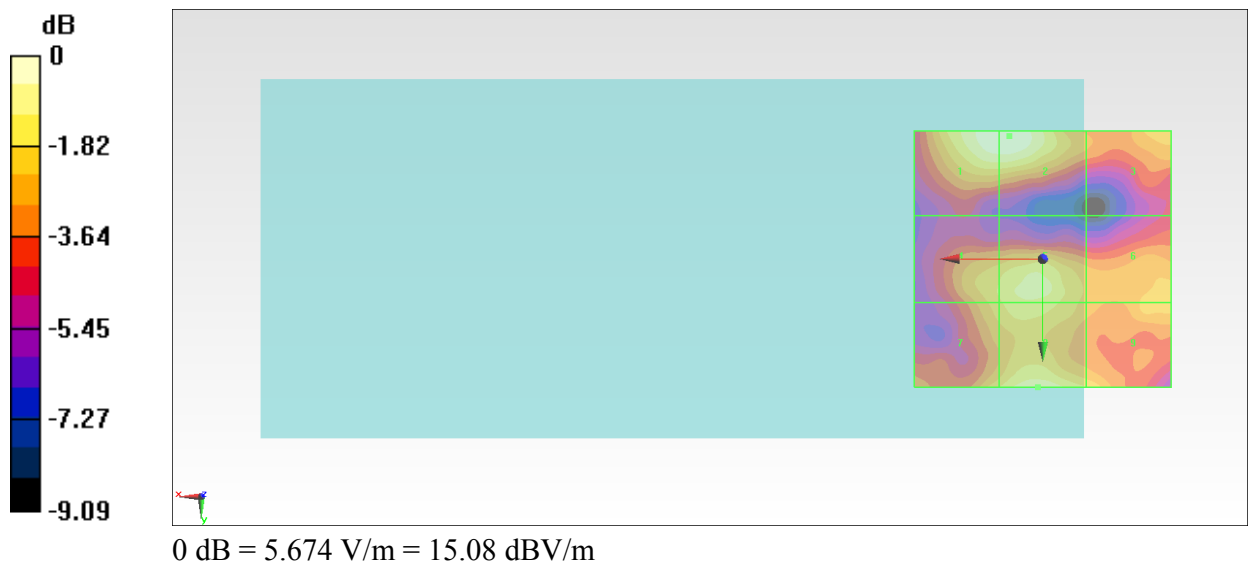
<b>Grid 1 M4</b> <b>14.99 dBV/m</b>	<b>Grid 2 M4</b> <b>15.08 dBV/m</b>	<b>Grid 3 M4</b> <b>12.92 dBV/m</b>
<b>Grid 4 M4</b> <b>13.35 dBV/m</b>	<b>Grid 5 M4</b> <b>14.19 dBV/m</b>	<b>Grid 6 M4</b> <b>12.91 dBV/m</b>
<b>Grid 7 M4</b> <b>13.31 dBV/m</b>	<b>Grid 8 M4</b> <b>14.4 dBV/m</b>	<b>Grid 9 M4</b> <b>13.32 dBV/m</b>

**Cursor:**

Total = 15.08 dBV/m

E Category: M4

Location: 6.5, -24, 8.7 mm



### #39\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch36\_Ant 2

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5180 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 25.28 V/m; Power Drift = 0.02 dB

Applied MIF = -3.15 dB

RF audio interference level = 19.82 dBV/m

**Emission category: M4**

MIF scaled E-field

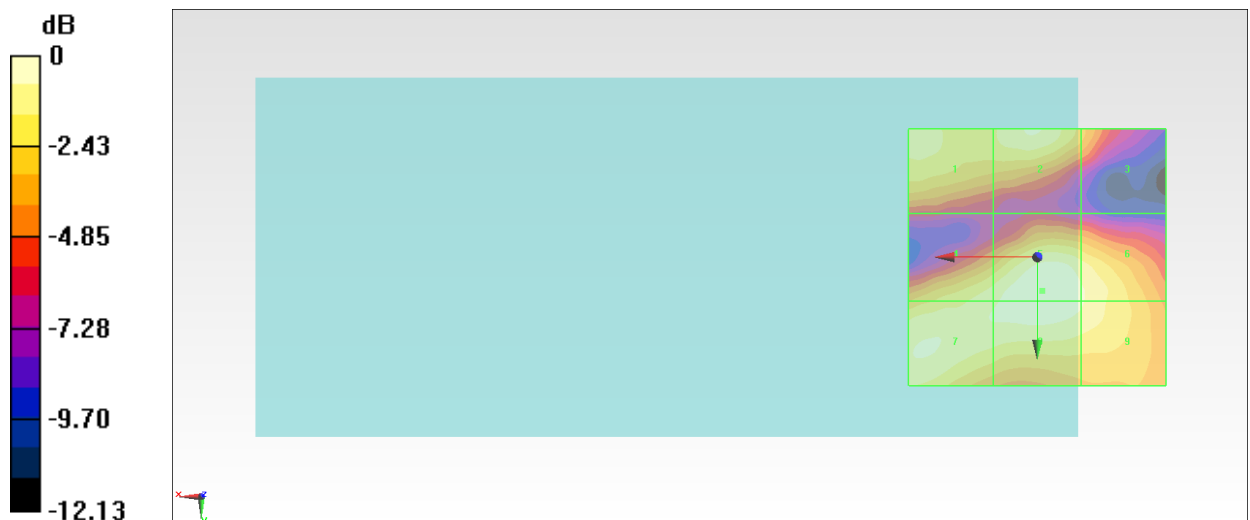
Grid 1 <b>M4</b> <b>18.46 dBV/m</b>	Grid 2 <b>M4</b> <b>19.16 dBV/m</b>	Grid 3 <b>M4</b> <b>17.01 dBV/m</b>
Grid 4 <b>M4</b> <b>18.87 dBV/m</b>	Grid 5 <b>M4</b> <b>19.82 dBV/m</b>	Grid 6 <b>M4</b> <b>19.15 dBV/m</b>
Grid 7 <b>M4</b> <b>19.08 dBV/m</b>	Grid 8 <b>M4</b> <b>19.71 dBV/m</b>	Grid 9 <b>M4</b> <b>19.11 dBV/m</b>

**Cursor:**

Total = 19.82 dBV/m

E Category: M4

Location: -1, 6.5, 8.7 mm



0 dB = 9.800 V/m = 19.82 dBV/m

## #40\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch40\_Ant 2

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5200 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 35.04 V/m; Power Drift = -0.06 dB

Applied MIF = -3.15 dB

RF audio interference level = 22.87 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 <b>M4</b> <b>21.22 dBV/m</b>	Grid 2 <b>M4</b> <b>21.94 dBV/m</b>	Grid 3 <b>M4</b> <b>19.95 dBV/m</b>
Grid 4 <b>M4</b> <b>21.67 dBV/m</b>	Grid 5 <b>M4</b> <b>22.87 dBV/m</b>	Grid 6 <b>M4</b> <b>22.24 dBV/m</b>
Grid 7 <b>M4</b> <b>22.01 dBV/m</b>	Grid 8 <b>M4</b> <b>22.85 dBV/m</b>	Grid 9 <b>M4</b> <b>22.23 dBV/m</b>

**Cursor:**

Total = 22.87 dBV/m

E Category: M4

Location: -1, 7, 8.7 mm



0 dB = 13.92 V/m = 22.87 dBV/m



## #41\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch44\_Ant 2

Communication System: 802.11a ; Frequency: 5220 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5220 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 25.03 V/m; Power Drift = 0.02 dB

Applied MIF = -3.15 dB

RF audio interference level = 19.29 dBV/m

**Emission category: M4**

MIF scaled E-field

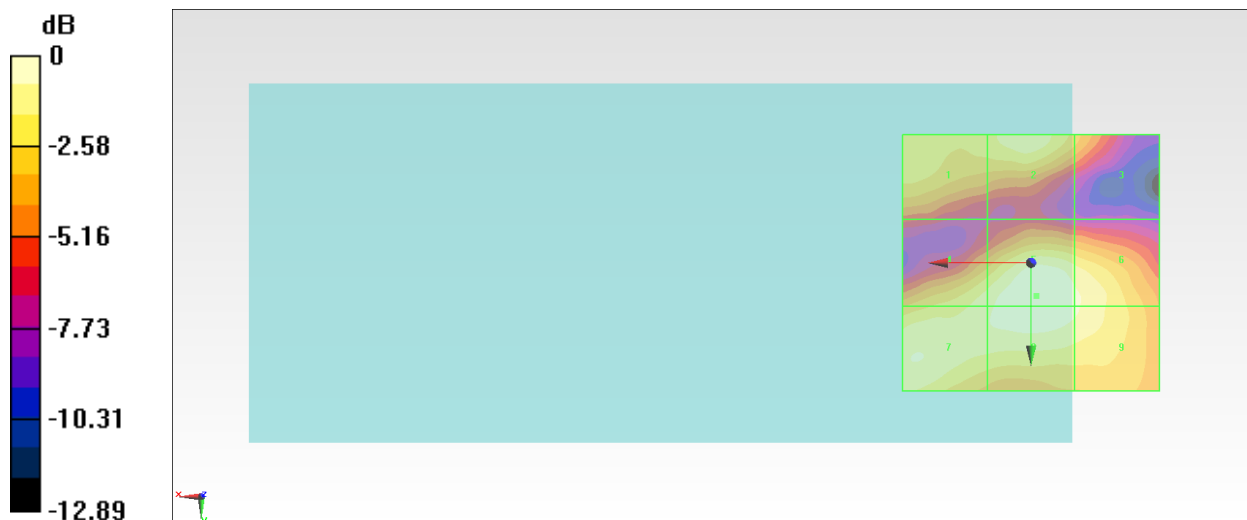
<b>Grid 1 M4</b> <b>17.51 dBV/m</b>	<b>Grid 2 M4</b> <b>18.33 dBV/m</b>	<b>Grid 3 M4</b> <b>16.34 dBV/m</b>
<b>Grid 4 M4</b> <b>18.21 dBV/m</b>	<b>Grid 5 M4</b> <b>19.29 dBV/m</b>	<b>Grid 6 M4</b> <b>18.62 dBV/m</b>
<b>Grid 7 M4</b> <b>18.45 dBV/m</b>	<b>Grid 8 M4</b> <b>19.16 dBV/m</b>	<b>Grid 9 M4</b> <b>18.58 dBV/m</b>

**Cursor:**

Total = 19.29 dBV/m

E Category: M4

Location: -1, 6.5, 8.7 mm



0 dB = 9.215 V/m = 19.29 dBV/m

## #42\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch48\_Ant 2

Communication System: 802.11a ; Frequency: 5240 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5240 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 24.98 V/m; Power Drift = 0.04 dB

Applied MIF = -3.15 dB

RF audio interference level = 19.40 dBV/m

**Emission category: M4**

MIF scaled E-field

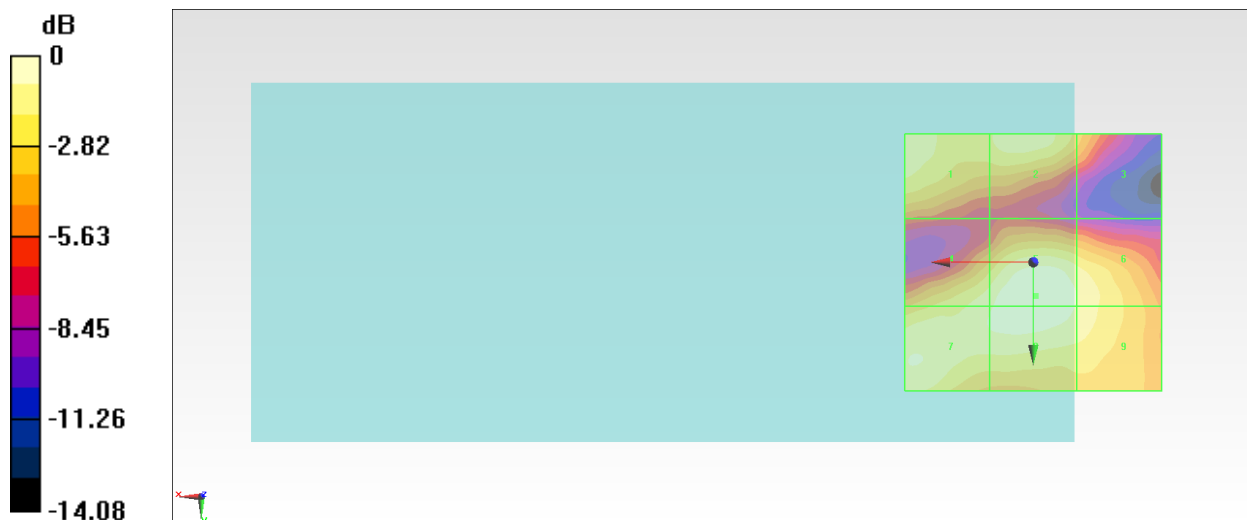
<b>Grid 1 M4</b> <b>17.94 dBV/m</b>	<b>Grid 2 M4</b> <b>18.36 dBV/m</b>	<b>Grid 3 M4</b> <b>16.21 dBV/m</b>
<b>Grid 4 M4</b> <b>18.32 dBV/m</b>	<b>Grid 5 M4</b> <b>19.4 dBV/m</b>	<b>Grid 6 M4</b> <b>18.48 dBV/m</b>
<b>Grid 7 M4</b> <b>18.51 dBV/m</b>	<b>Grid 8 M4</b> <b>19.24 dBV/m</b>	<b>Grid 9 M4</b> <b>18.39 dBV/m</b>

**Cursor:**

Total = 19.40 dBV/m

E Category: M4

Location: -0.5, 6.5, 8.7 mm



0 dB = 9.336 V/m = 19.40 dBV/m

### #43\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch52\_Ant 2

Communication System: 802.11a ; Frequency: 5260 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5260 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 25.43 V/m; Power Drift = 0.02 dB

Applied MIF = -3.15 dB

RF audio interference level = 19.64 dBV/m

**Emission category: M4**

MIF scaled E-field

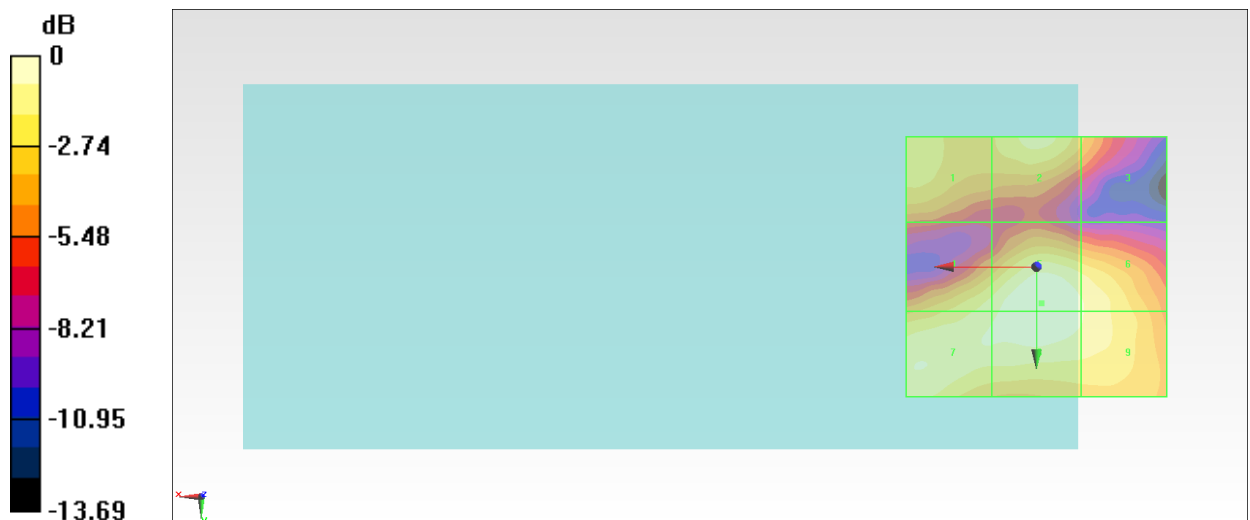
<b>Grid 1 M4</b> <b>17.78 dBV/m</b>	<b>Grid 2 M4</b> <b>18.28 dBV/m</b>	<b>Grid 3 M4</b> <b>16.29 dBV/m</b>
<b>Grid 4 M4</b> <b>18.45 dBV/m</b>	<b>Grid 5 M4</b> <b>19.64 dBV/m</b>	<b>Grid 6 M4</b> <b>18.83 dBV/m</b>
<b>Grid 7 M4</b> <b>18.81 dBV/m</b>	<b>Grid 8 M4</b> <b>19.6 dBV/m</b>	<b>Grid 9 M4</b> <b>18.82 dBV/m</b>

**Cursor:**

Total = 19.64 dBV/m

E Category: M4

Location: -1, 7, 8.7 mm



0 dB = 9.589 V/m = 19.64 dBV/m

### #44\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch56\_Ant 2

Communication System: 802.11a ; Frequency: 5280 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5280 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 36.55 V/m; Power Drift = -0.16 dB

Applied MIF = -3.15 dB

RF audio interference level = 22.65 dBV/m

**Emission category: M4**

MIF scaled E-field

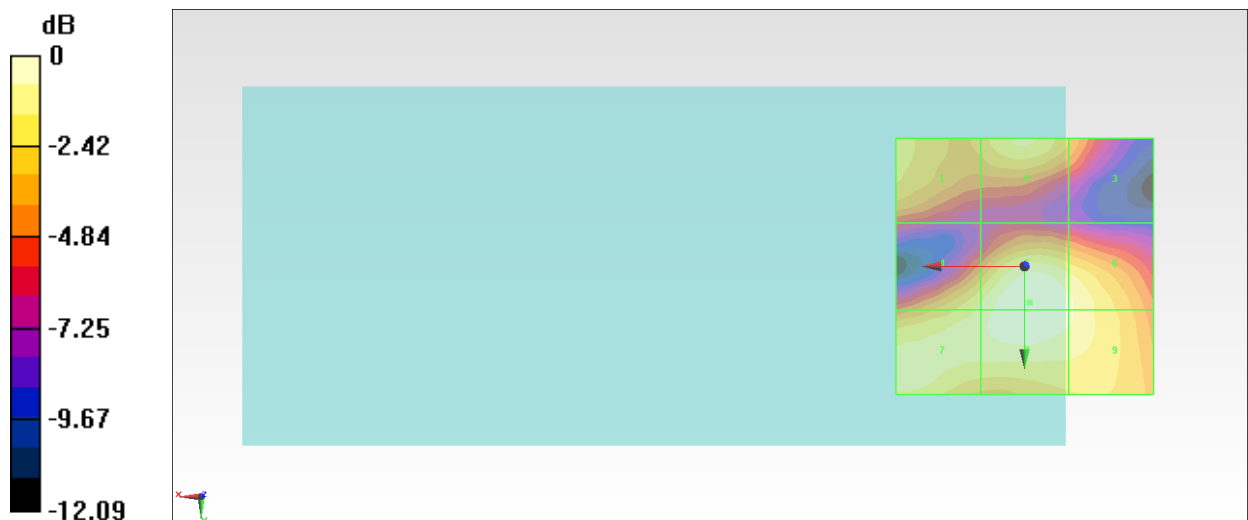
<b>Grid 1 M4</b> <b>20.55 dBV/m</b>	<b>Grid 2 M4</b> <b>21.29 dBV/m</b>	<b>Grid 3 M4</b> <b>19.59 dBV/m</b>
<b>Grid 4 M4</b> <b>21.31 dBV/m</b>	<b>Grid 5 M4</b> <b>22.65 dBV/m</b>	<b>Grid 6 M4</b> <b>22.01 dBV/m</b>
<b>Grid 7 M4</b> <b>21.69 dBV/m</b>	<b>Grid 8 M4</b> <b>22.6 dBV/m</b>	<b>Grid 9 M4</b> <b>22 dBV/m</b>

**Cursor:**

Total = 22.65 dBV/m

E Category: M4

Location: -1, 7, 8.7 mm



0 dB = 13.56 V/m = 22.65 dBV/m

## #45\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch60\_Ant 2

Communication System: 802.11a ; Frequency: 5300 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5300 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 26.47 V/m; Power Drift = 0.01 dB

Applied MIF = -3.15 dB

RF audio interference level = 19.97 dBV/m

**Emission category: M4**

MIF scaled E-field

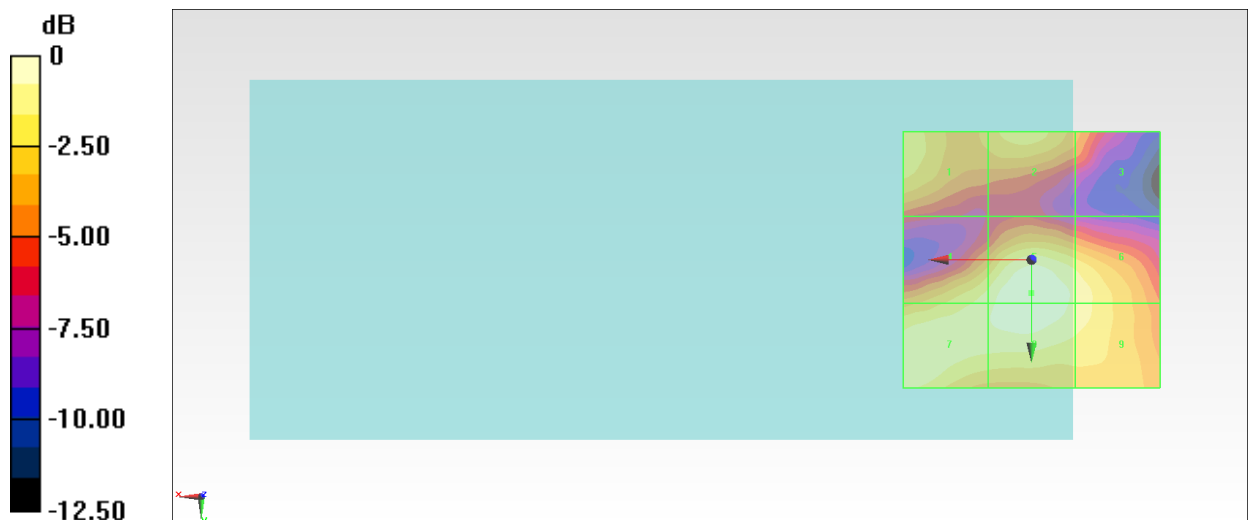
Grid 1 <b>M4</b> <b>17.91 dBV/m</b>	Grid 2 <b>M4</b> <b>18.02 dBV/m</b>	Grid 3 <b>M4</b> <b>16.26 dBV/m</b>
Grid 4 <b>M4</b> <b>18.86 dBV/m</b>	Grid 5 <b>M4</b> <b>19.97 dBV/m</b>	Grid 6 <b>M4</b> <b>18.97 dBV/m</b>
Grid 7 <b>M4</b> <b>19.09 dBV/m</b>	Grid 8 <b>M4</b> <b>19.87 dBV/m</b>	Grid 9 <b>M4</b> <b>18.92 dBV/m</b>

**Cursor:**

Total = 19.97 dBV/m

E Category: M4

Location: 0, 6.5, 8.7 mm



0 dB = 9.970 V/m = 19.97 dBV/m

## #46\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch64\_Ant 2

Communication System: 802.11a ; Frequency: 5320 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5320 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 25.45 V/m; Power Drift = 0.05 dB

Applied MIF = -3.15 dB

RF audio interference level = 19.80 dBV/m

**Emission category: M4**

MIF scaled E-field

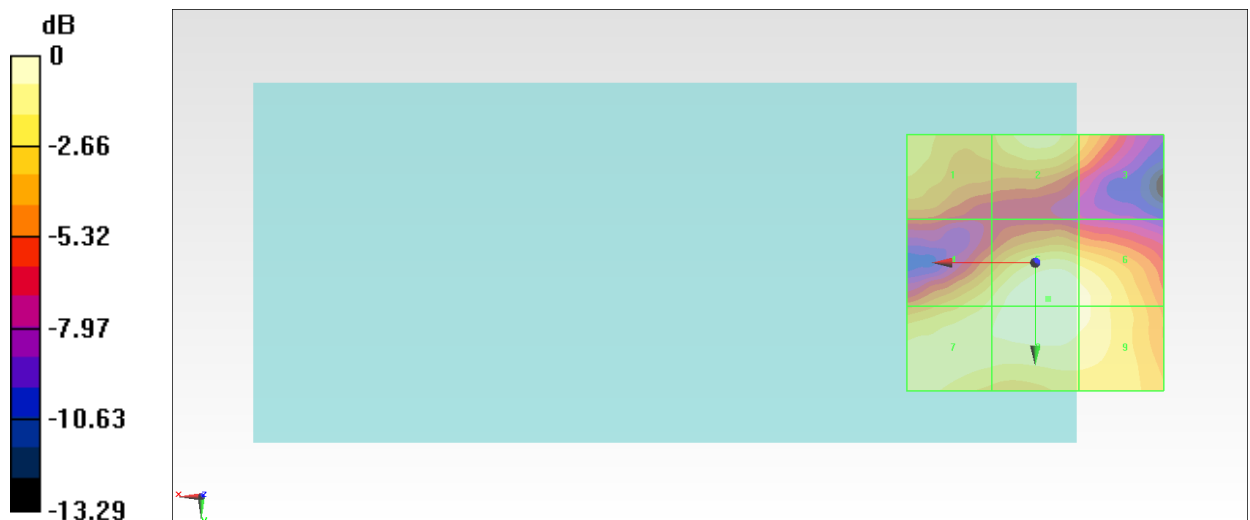
Grid 1 <b>M4</b> <b>17.6 dBV/m</b>	Grid 2 <b>M4</b> <b>18.65 dBV/m</b>	Grid 3 <b>M4</b> <b>17.09 dBV/m</b>
Grid 4 <b>M4</b> <b>18.4 dBV/m</b>	Grid 5 <b>M4</b> <b>19.8 dBV/m</b>	Grid 6 <b>M4</b> <b>19.32 dBV/m</b>
Grid 7 <b>M4</b> <b>18.9 dBV/m</b>	Grid 8 <b>M4</b> <b>19.74 dBV/m</b>	Grid 9 <b>M4</b> <b>19.29 dBV/m</b>

**Cursor:**

Total = 19.80 dBV/m

E Category: M4

Location: -2.5, 7, 8.7 mm



0 dB = 9.769 V/m = 19.80 dBV/m

### #47\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch100\_Ant 2

Communication System: 802.11a ; Frequency: 5500 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5500 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.61 V/m; Power Drift = -0.05 dB

Applied MIF = -3.15 dB

RF audio interference level = 18.90 dBV/m

**Emission category: M4**

MIF scaled E-field

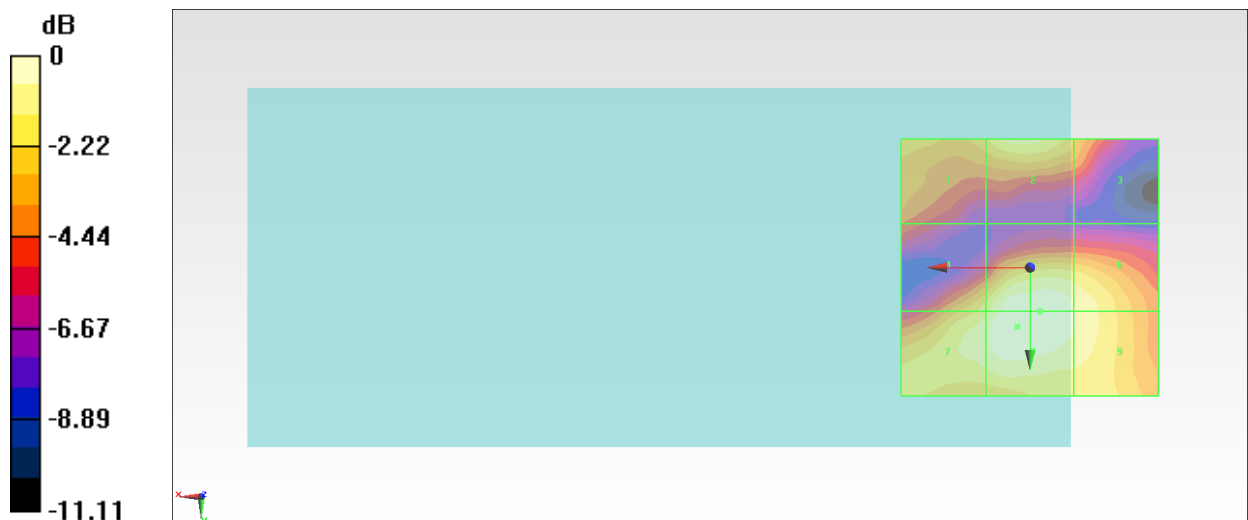
<b>Grid 1 M4</b> <b>16.58 dBV/m</b>	<b>Grid 2 M4</b> <b>17.83 dBV/m</b>	<b>Grid 3 M4</b> <b>16.16 dBV/m</b>
<b>Grid 4 M4</b> <b>17.33 dBV/m</b>	<b>Grid 5 M4</b> <b>18.82 dBV/m</b>	<b>Grid 6 M4</b> <b>18.21 dBV/m</b>
<b>Grid 7 M4</b> <b>18.06 dBV/m</b>	<b>Grid 8 M4</b> <b>18.9 dBV/m</b>	<b>Grid 9 M4</b> <b>18.23 dBV/m</b>

**Cursor:**

Total = 18.90 dBV/m

E Category: M4

Location: 2.5, 11.5, 8.7 mm



0 dB = 8.813 V/m = 18.90 dBV/m

### #48\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch116\_Ant 2

Communication System: 802.11a ; Frequency: 5580 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5580 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22.33 V/m; Power Drift = -0.09 dB

Applied MIF = -3.15 dB

RF audio interference level = 19.68 dBV/m

**Emission category: M4**

MIF scaled E-field

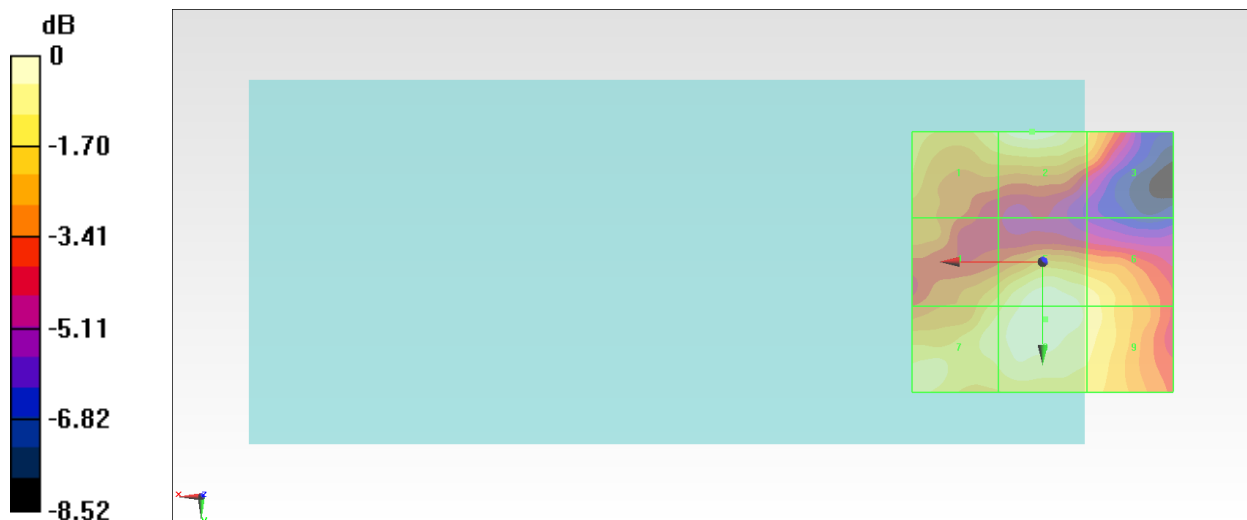
Grid 1 <b>M4</b> <b>18.79 dBV/m</b>	Grid 2 <b>M4</b> <b>19.59 dBV/m</b>	Grid 3 <b>M4</b> <b>18.15 dBV/m</b>
Grid 4 <b>M4</b> <b>18.35 dBV/m</b>	Grid 5 <b>M4</b> <b>19.59 dBV/m</b>	Grid 6 <b>M4</b> <b>18.97 dBV/m</b>
Grid 7 <b>M4</b> <b>19.06 dBV/m</b>	Grid 8 <b>M4</b> <b>19.68 dBV/m</b>	Grid 9 <b>M4</b> <b>19.02 dBV/m</b>

**Cursor:**

Total = 19.68 dBV/m

E Category: M4

Location: -0.5, 11, 8.7 mm



0 dB = 9.639 V/m = 19.68 dBV/m



### #49\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch124\_Ant 2

Communication System: 802.11a ; Frequency: 5620 MHz;Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5620 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 27.54 V/m; Power Drift = -0.02 dB

Applied MIF = -3.15 dB

RF audio interference level = 22.22 dBV/m

**Emission category: M4**

MIF scaled E-field

<b>Grid 1 M4</b> <b>20.74 dBV/m</b>	<b>Grid 2 M4</b> <b>21.95 dBV/m</b>	<b>Grid 3 M4</b> <b>20.56 dBV/m</b>
<b>Grid 4 M4</b> <b>19.82 dBV/m</b>	<b>Grid 5 M4</b> <b>21.91 dBV/m</b>	<b>Grid 6 M4</b> <b>21.54 dBV/m</b>
<b>Grid 7 M4</b> <b>21.01 dBV/m</b>	<b>Grid 8 M4</b> <b>22.22 dBV/m</b>	<b>Grid 9 M4</b> <b>21.73 dBV/m</b>

**Cursor:**

Total = 22.22 dBV/m

E Category: M4

Location: -1, 12, 8.7 mm



### #50\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch132\_Ant 2

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5660 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 25.25 V/m; Power Drift = -0.02 dB

Applied MIF = -3.15 dB

RF audio interference level = 22.05 dBV/m

**Emission category: M4**

MIF scaled E-field

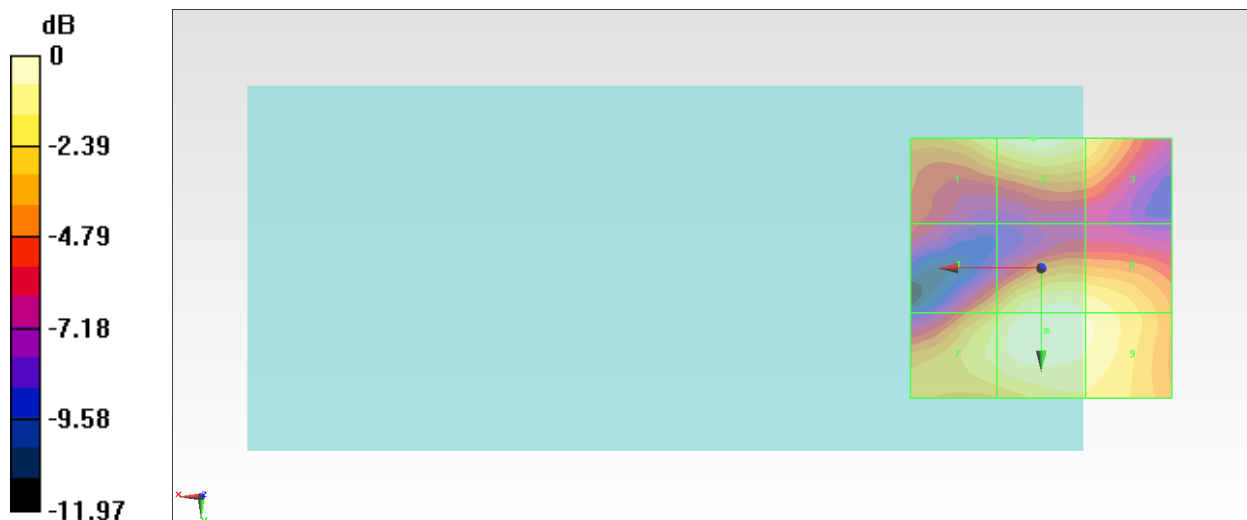
<b>Grid 1 M4</b> <b>21.04 dBV/m</b>	<b>Grid 2 M4</b> <b>22.05 dBV/m</b>	<b>Grid 3 M4</b> <b>20.8 dBV/m</b>
<b>Grid 4 M4</b> <b>19.56 dBV/m</b>	<b>Grid 5 M4</b> <b>21.61 dBV/m</b>	<b>Grid 6 M4</b> <b>21.22 dBV/m</b>
<b>Grid 7 M4</b> <b>20.9 dBV/m</b>	<b>Grid 8 M4</b> <b>21.97 dBV/m</b>	<b>Grid 9 M4</b> <b>21.48 dBV/m</b>

**Cursor:**

Total = 22.05 dBV/m

E Category: M4

Location: 1.5, -25, 8.7 mm



0 dB = 12.66 V/m = 22.05 dBV/m

## #51\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch140\_Ant 2

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5700 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.66 V/m; Power Drift = -0.02 dB

Applied MIF = -3.15 dB

RF audio interference level = 18.73 dBV/m

**Emission category: M4**

MIF scaled E-field

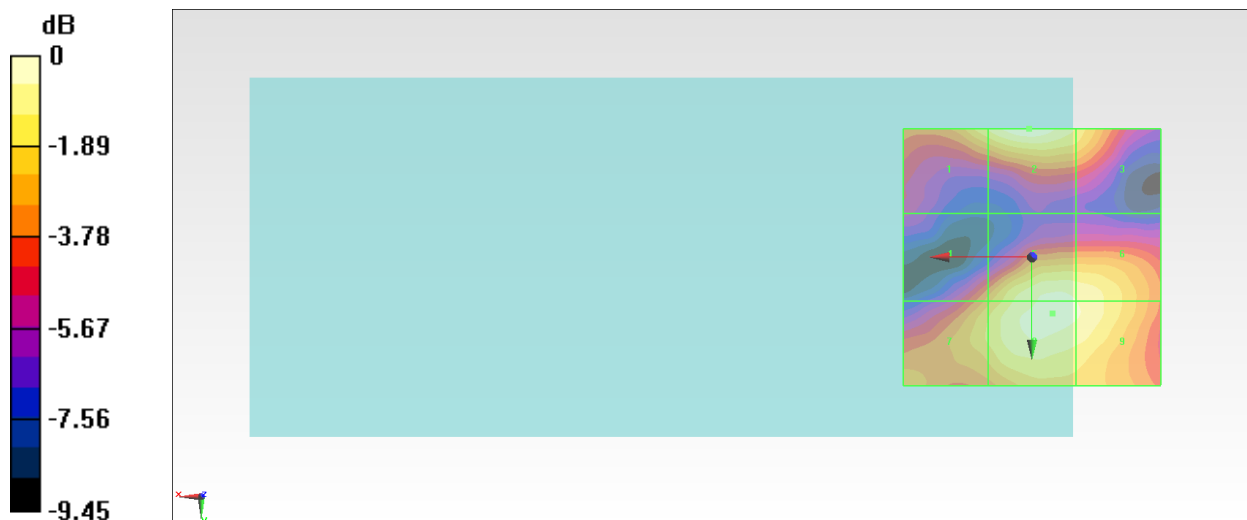
<b>Grid 1 M4</b> <b>17.59 dBV/m</b>	<b>Grid 2 M4</b> <b>18.73 dBV/m</b>	<b>Grid 3 M4</b> <b>17.42 dBV/m</b>
<b>Grid 4 M4</b> <b>15.96 dBV/m</b>	<b>Grid 5 M4</b> <b>18.24 dBV/m</b>	<b>Grid 6 M4</b> <b>18.11 dBV/m</b>
<b>Grid 7 M4</b> <b>16.98 dBV/m</b>	<b>Grid 8 M4</b> <b>18.39 dBV/m</b>	<b>Grid 9 M4</b> <b>18.19 dBV/m</b>

**Cursor:**

Total = 18.73 dBV/m

E Category: M4

Location: 0.5, -25, 8.7 mm



0 dB = 8.637 V/m = 18.73 dBV/m

## #52\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch149\_Ant 2

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing 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 = 0.02 dB

Applied MIF = -3.15 dB

RF audio interference level = 22.60 dBV/m

**Emission category: M4**

MIF scaled E-field

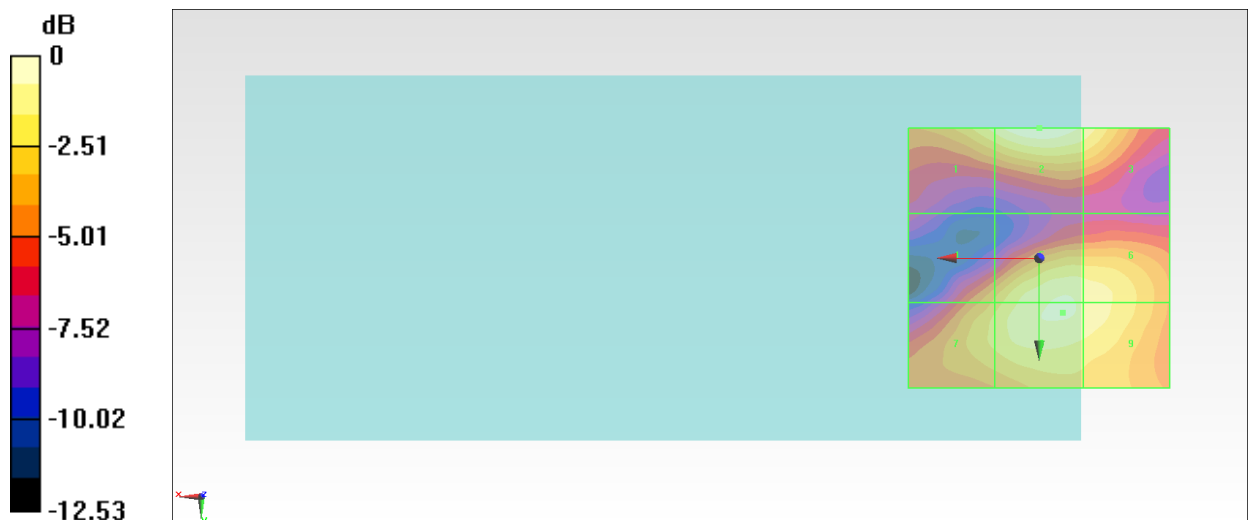
Grid 1 <b>M4</b> <b>21.35 dBV/m</b>	Grid 2 <b>M4</b> <b>22.6 dBV/m</b>	Grid 3 <b>M4</b> <b>21.61 dBV/m</b>
Grid 4 <b>M4</b> <b>19.56 dBV/m</b>	Grid 5 <b>M4</b> <b>21.83 dBV/m</b>	Grid 6 <b>M4</b> <b>21.63 dBV/m</b>
Grid 7 <b>M4</b> <b>20.42 dBV/m</b>	Grid 8 <b>M4</b> <b>21.88 dBV/m</b>	Grid 9 <b>M4</b> <b>21.64 dBV/m</b>

**Cursor:**

Total = 22.60 dBV/m

E Category: M4

Location: 0, -25, 8.7 mm



0 dB = 13.50 V/m = 22.61 dBV/m

### #53\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch157\_Ant 2

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 26.39 V/m; Power Drift = 0.02 dB

Applied MIF = -3.15 dB

RF audio interference level = 22.94 dBV/m

**Emission category: M4**

MIF scaled E-field

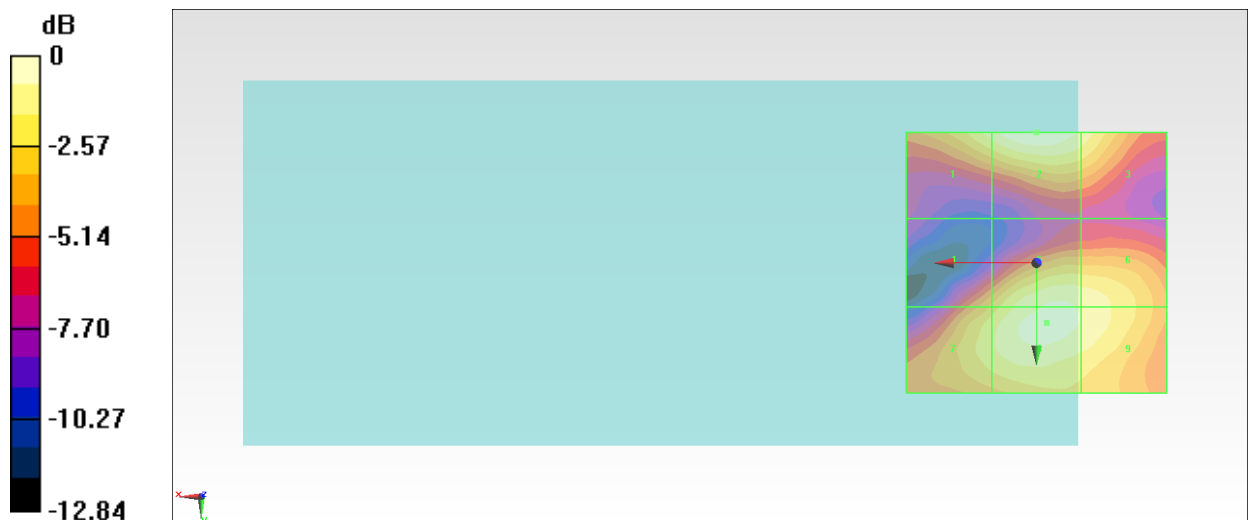
<b>Grid 1 M4</b> <b>21.74 dBV/m</b>	<b>Grid 2 M4</b> <b>22.94 dBV/m</b>	<b>Grid 3 M4</b> <b>21.89 dBV/m</b>
<b>Grid 4 M4</b> <b>19.87 dBV/m</b>	<b>Grid 5 M4</b> <b>22.23 dBV/m</b>	<b>Grid 6 M4</b> <b>21.97 dBV/m</b>
<b>Grid 7 M4</b> <b>21.14 dBV/m</b>	<b>Grid 8 M4</b> <b>22.44 dBV/m</b>	<b>Grid 9 M4</b> <b>22.05 dBV/m</b>

**Cursor:**

Total = 22.94 dBV/m

E Category: M4

Location: 0, -25, 8.7 mm



0 dB = 14.02 V/m = 22.93 dBV/m

### #54\_HAC\_E\_WLAN5GHz\_802.11a 6Mbps\_Ch165\_Ant 2

Communication System: IEEE 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:11.3763

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 5825 MHz; Calibrated: 2019/12/13
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

### E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

**(101x101x1)**: Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 26.17 V/m; Power Drift = -0.01 dB

Applied MIF = -3.15 dB

RF audio interference level = 23.08 dBV/m

**Emission category: M4**

MIF scaled E-field

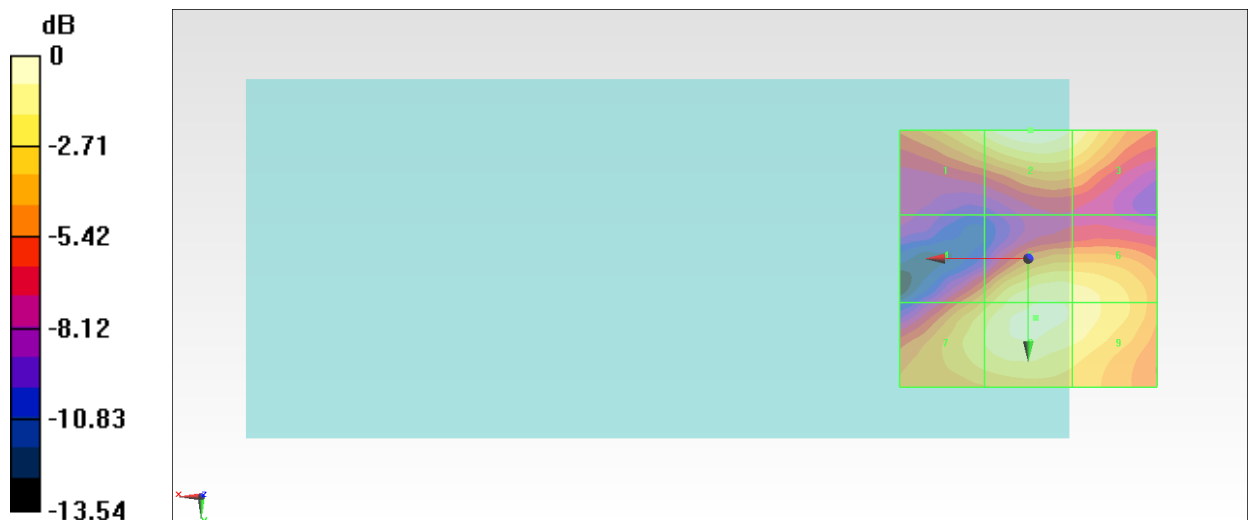
<b>Grid 1 M4</b> <b>21.72 dBV/m</b>	<b>Grid 2 M4</b> <b>23.08 dBV/m</b>	<b>Grid 3 M4</b> <b>22.11 dBV/m</b>
<b>Grid 4 M4</b> <b>19.73 dBV/m</b>	<b>Grid 5 M4</b> <b>22.23 dBV/m</b>	<b>Grid 6 M4</b> <b>22.01 dBV/m</b>
<b>Grid 7 M4</b> <b>21.3 dBV/m</b>	<b>Grid 8 M4</b> <b>22.49 dBV/m</b>	<b>Grid 9 M4</b> <b>22.1 dBV/m</b>

**Cursor:**

Total = 23.08 dBV/m

E Category: M4

Location: -0.5, -25, 8.7 mm



0 dB = 14.25 V/m = 23.08 dBV/m