

T-Coil Signal Test Report

Measurement performed on April 10, 2025 at 15:05

Device Under Test

| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
|--------------|-------|--------------------|-----------------------|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

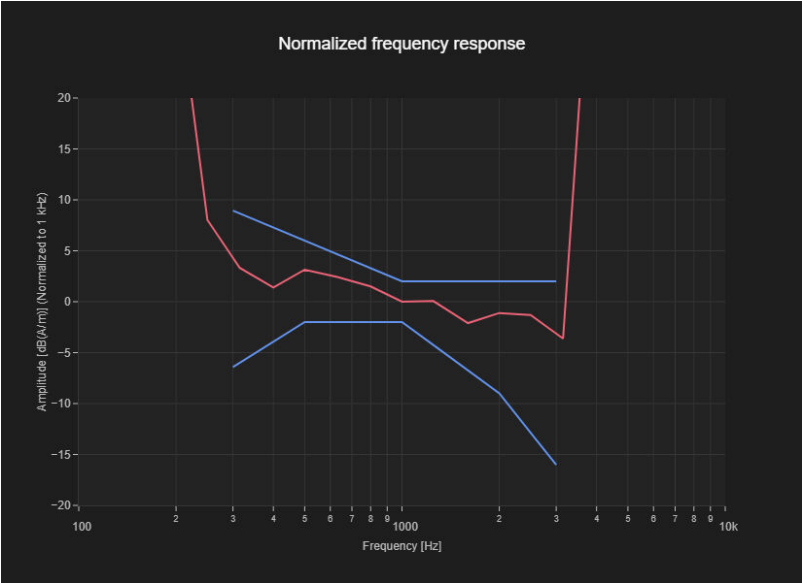
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---------------------|---------------------------------------|---------|-----------------|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 40620 | 2593.0 |

Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---------------|---------------|-------------|-------------|---------------|
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
|---------------------------|--------------------------|-------------------------|-------------------------|
| 48k_voice_300-3000_2s.wav | 2.0 | 1.79 | 2.0 |



T-Coil Signal Test Report

Measurement performed on April 10, 2025 at 15:05

Device Under Test

| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
|--------------|-------|--------------------|-----------------------|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

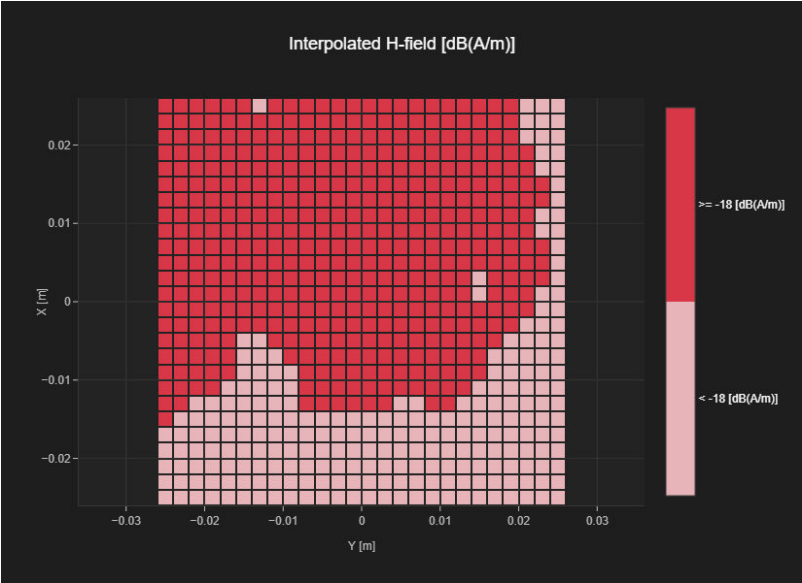
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---------------------|---------------------------------------|---------|-----------------|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 40620 | 2593.0 |

Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---------------|---------------|-------------|-------------|---------------|
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

| Audio File | Measurement Duration [s] | Gain [dB] | Hmax [dB(A/m)] |
|-----------------------|--------------------------|-----------|----------------|
| 48k_voice_1kHz_1s.wav | 2.0 | -8.35 | 8.51 |



T-Coil Noise Test Report

Measurement performed on April 10, 2025 at 15:31

Device Under Test

| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
|--------------|-------|--------------------|-----------------------|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

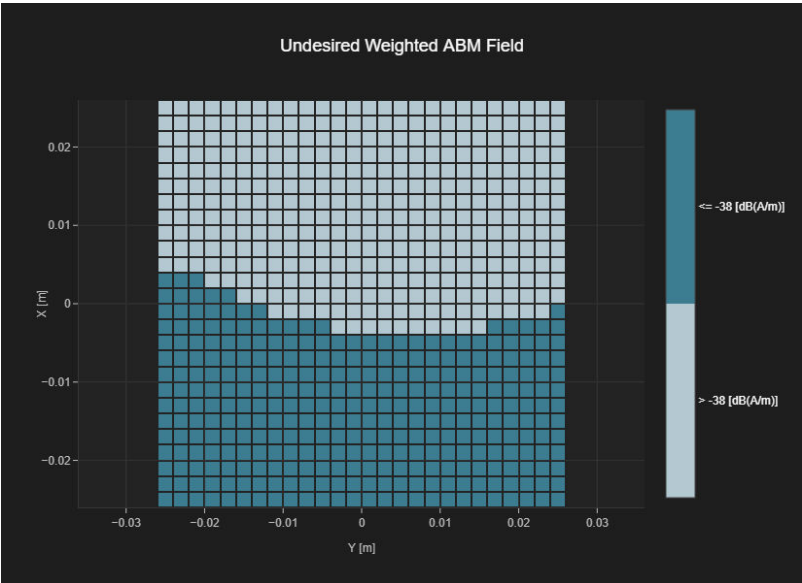
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---------------------|---------------------------------------|---------|-----------------|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 40620 | 2593.0 |

Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---------------|---------------|-------------|-------------|---------------|
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

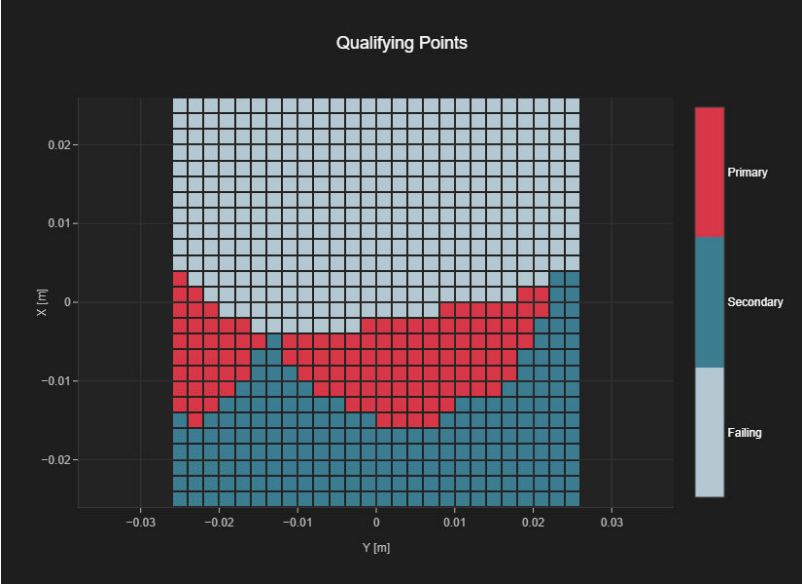
| Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse | Hmax [dB(A/m)] |
|-----------------------------|----------------------------------|--------------------------------|----------------|
| 318 | 15 | 26 | -17.38 |



T-Coil Coupling Mode Test Report

Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 123 | 326 | 15 | 26 |



T-Coil Signal Test Report

Measurement performed on April 10, 2025 at 17:44

Device Under Test

| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
|--------------|-------|--------------------|-----------------------|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

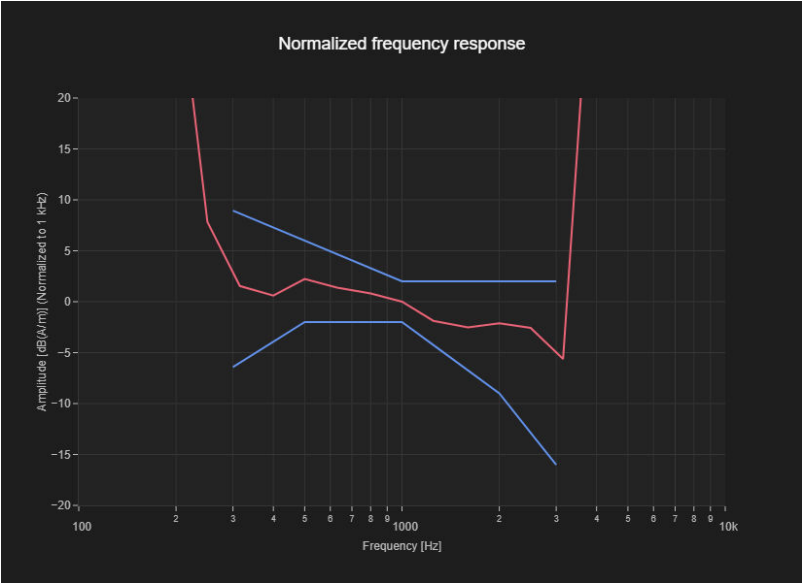
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---------------------|---------------------------------------|---------|-----------------|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 40620 | 2593.0 |

Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---------------|---------------|-------------|-------------|---------------|
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
|---------------------------|--------------------------|-------------------------|-------------------------|
| 48k_voice_300-3000_2s.wav | 2.0 | 2.0 | 2.0 |



T-Coil Signal Test Report

Measurement performed on April 10, 2025 at 17:44

Device Under Test

| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
|--------------|-------|--------------------|-----------------------|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

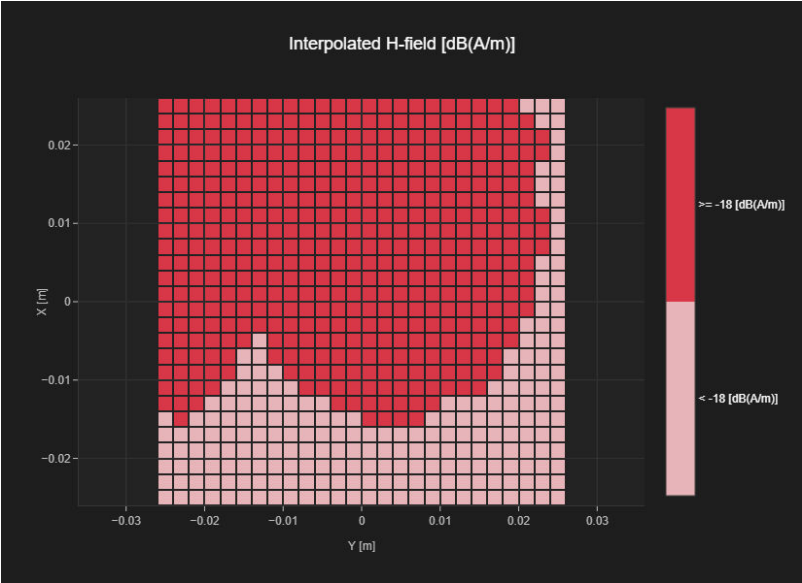
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---------------------|---------------------------------------|---------|-----------------|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 40620 | 2593.0 |

Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---------------|---------------|-------------|-------------|---------------|
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

| Audio File | Measurement Duration [s] | Gain [dB] | Hmax [dB(A/m)] |
|-----------------------|--------------------------|-----------|----------------|
| 48k_voice_1kHz_1s.wav | 2.0 | -8.35 | 9.06 |



T-Coil Noise Test Report

Measurement performed on April 10, 2025 at 17:55

Device Under Test

| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
|--------------|-------|--------------------|-----------------------|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

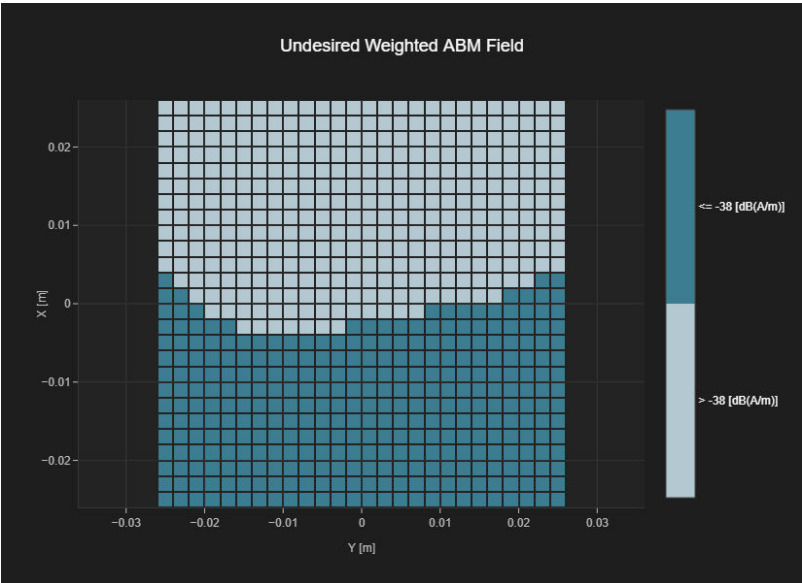
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---------------------|---------------------------------------|---------|-----------------|
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 40620 | 2593.0 |

Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---------------|---------------|-------------|-------------|---------------|
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

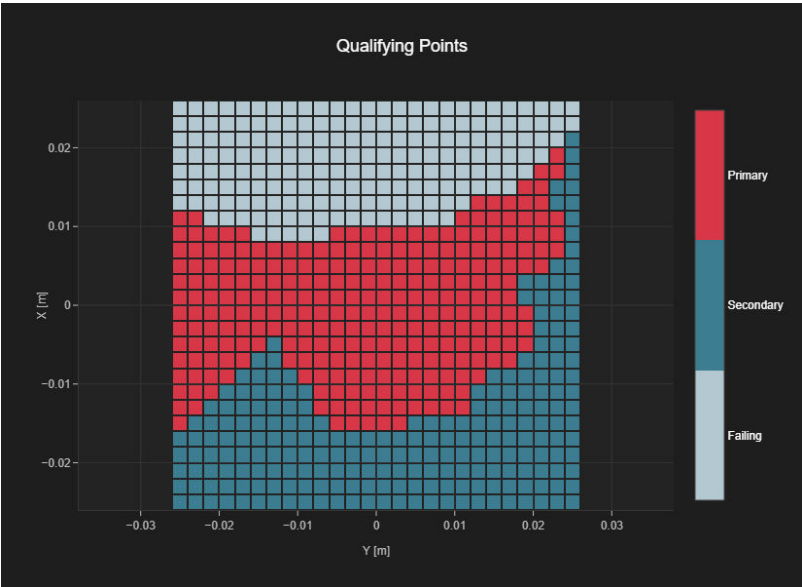
| Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse | Hmax [dB(A/m)] |
|-----------------------------|----------------------------------|--------------------------------|----------------|
| 326 | 15 | 26 | -18.64 |



T-Coil Coupling Mode Test Report

Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 267 | 490 | 24 | 26 |



T-Coil Signal Test Report

Measurement performed on April 10, 2025 at 20:04

Device Under Test

| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
|--------------|-------|--------------------|-----------------------|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

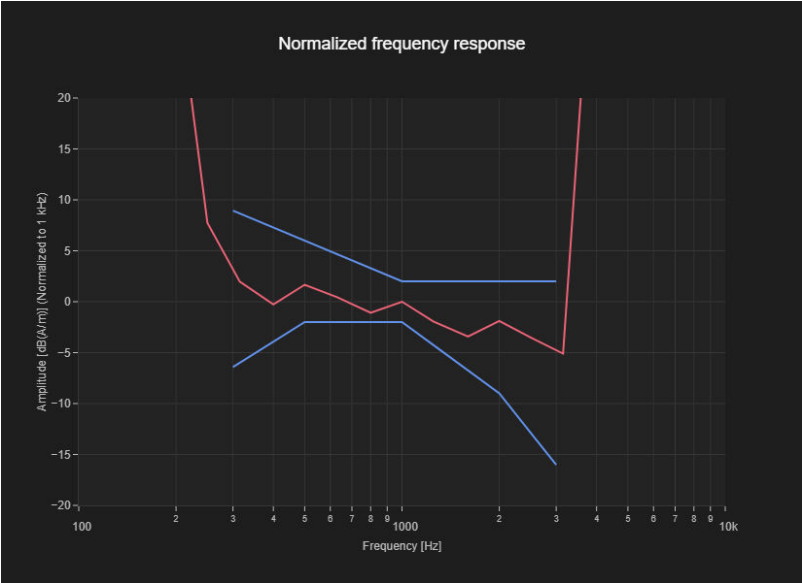
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---------------------|---------------------------------------|---------|-----------------|
| Band 66, E-UTRA/FDD | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 132322 | 1745.0 |

Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---------------|---------------|-------------|-------------|---------------|
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
|---------------------------|--------------------------|-------------------------|-------------------------|
| 48k_voice_300-3000_2s.wav | 2.0 | 2.0 | 0.92 |



T-Coil Signal Test Report

Measurement performed on April 10, 2025 at 20:04

Device Under Test

| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
|--------------|-------|--------------------|-----------------------|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

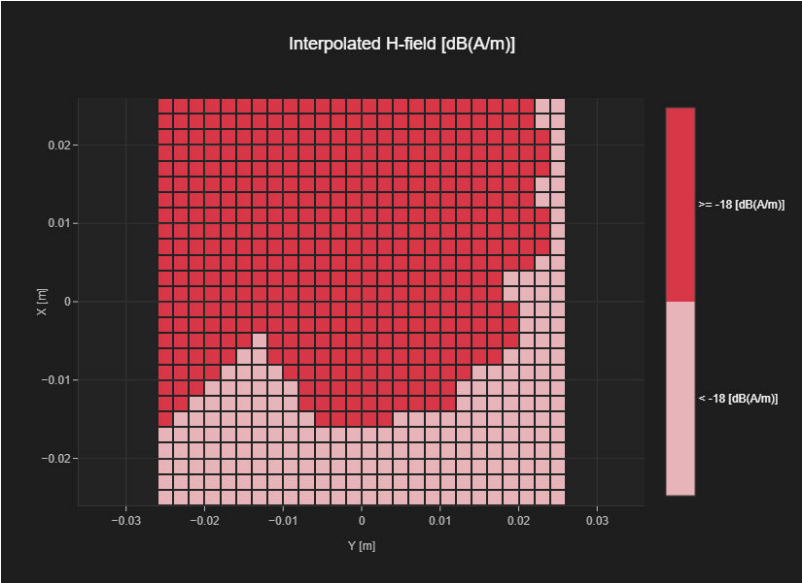
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---------------------|---------------------------------------|---------|-----------------|
| Band 66, E-UTRA/FDD | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 132322 | 1745.0 |

Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---------------|---------------|-------------|-------------|---------------|
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

| Audio File | Measurement Duration [s] | Gain [dB] | Hmax [dB(A/m)] |
|-----------------------|--------------------------|-----------|----------------|
| 48k_voice_1kHz_1s.wav | 2.0 | -8.35 | 9.63 |



T-Coil Noise Test Report

Measurement performed on April 10, 2025 at 20:14

Device Under Test

| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
|--------------|-------|--------------------|-----------------------|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

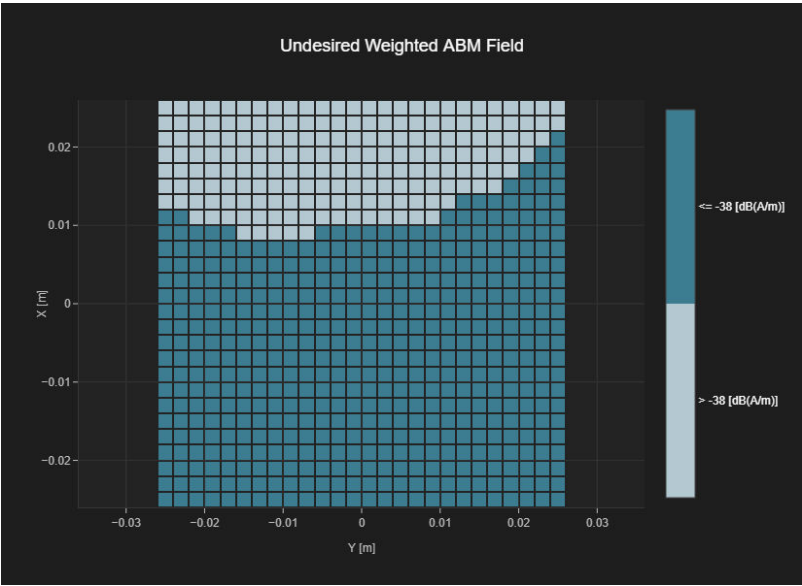
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---------------------|---------------------------------------|---------|-----------------|
| Band 66, E-UTRA/FDD | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 132322 | 1745.0 |

Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---------------|---------------|-------------|-------------|---------------|
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

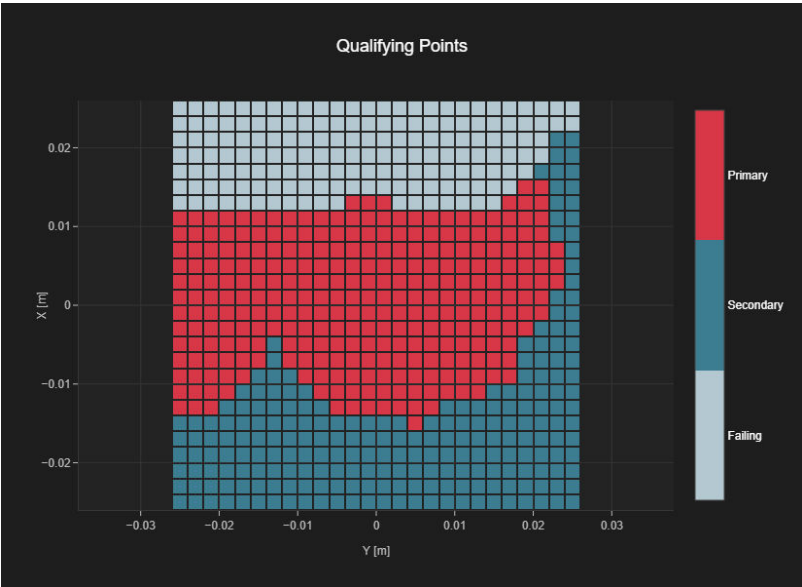
| Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse | Hmax [dB(A/m)] |
|-----------------------------|----------------------------------|--------------------------------|----------------|
| 490 | 24 | 26 | -23.04 |



T-Coil Coupling Mode Test Report

Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 289 | 513 | 24 | 26 |



T-Coil Signal Test Report

Measurement performed on April 10, 2025 at 20:28

Device Under Test

| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
|--------------|-------|--------------------|-----------------------|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

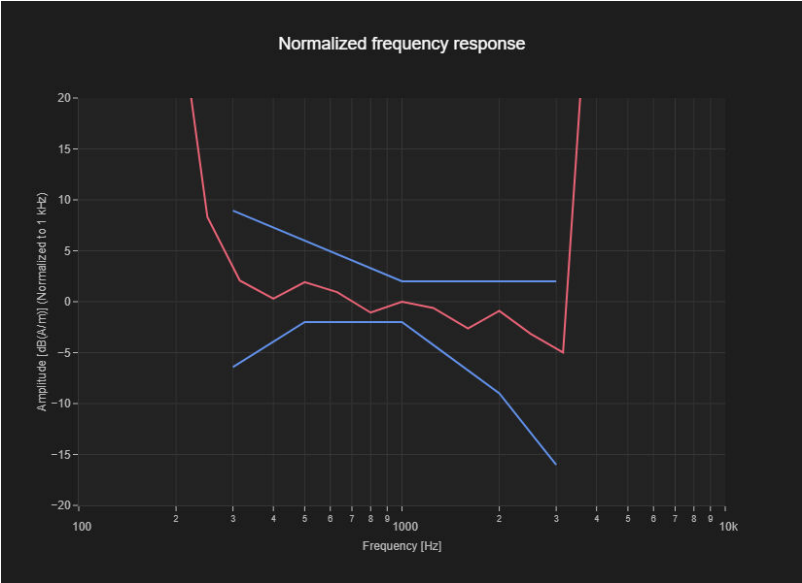
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---------------------|---------------------------------------|---------|-----------------|
| Band 71, E-UTRA/FDD | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 133297 | 680.5 |

Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---------------|---------------|-------------|-------------|---------------|
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
|---------------------------|--------------------------|-------------------------|-------------------------|
| 48k_voice_300-3000_2s.wav | 2.0 | 2.0 | 0.93 |



T-Coil Signal Test Report

Measurement performed on April 10, 2025 at 20:28

Device Under Test

| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
|--------------|-------|--------------------|-----------------------|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

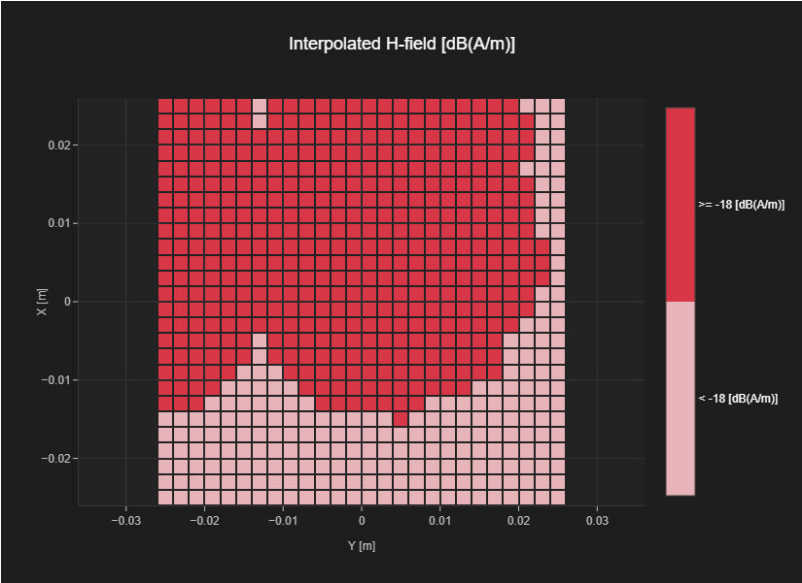
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---------------------|---------------------------------------|---------|-----------------|
| Band 71, E-UTRA/FDD | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 133297 | 680.5 |

Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---------------|---------------|-------------|-------------|---------------|
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

| Audio File | Measurement Duration [s] | Gain [dB] | Hmax [dB(A/m)] |
|-----------------------|--------------------------|-----------|----------------|
| 48k_voice_1kHz_1s.wav | 2.0 | -8.35 | 9.51 |



T-Coil Noise Test Report

Measurement performed on April 10, 2025 at 20:38

Device Under Test

| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
|--------------|-------|--------------------|-----------------------|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

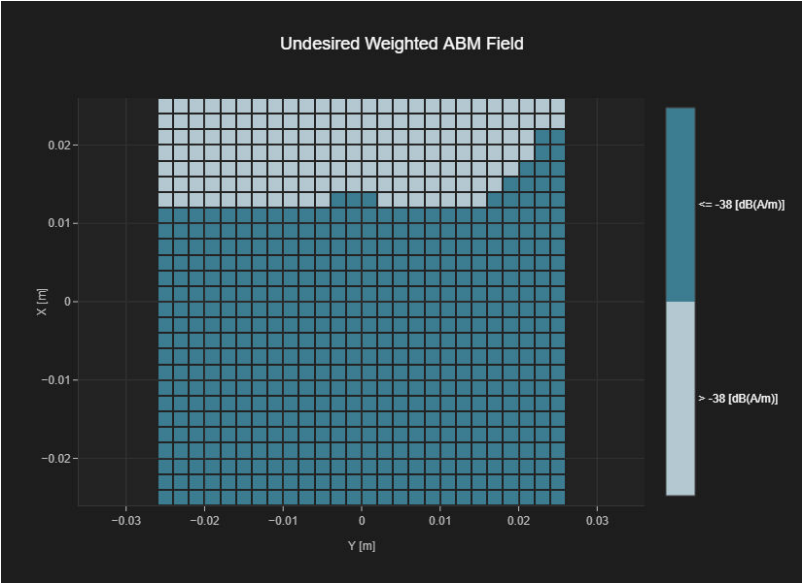
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|---------------------|---------------------------------------|---------|-----------------|
| Band 71, E-UTRA/FDD | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 133297 | 680.5 |

Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---------------|---------------|-------------|-------------|---------------|
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

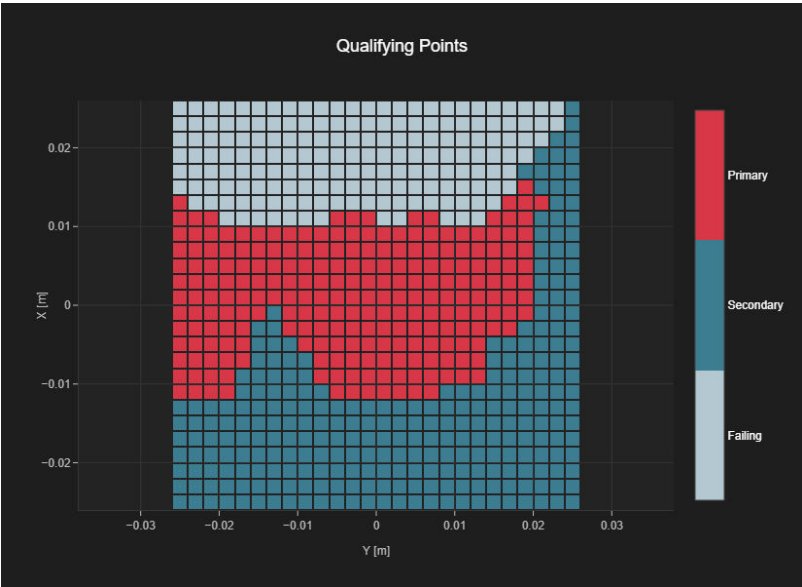
| Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse | Hmax [dB(A/m)] |
|-----------------------------|----------------------------------|--------------------------------|----------------|
| 513 | 24 | 26 | -26.05 |



T-Coil Coupling Mode Test Report

Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 232 | 503 | 26 | 26 |



T-Coil Signal Test Report

Measurement performed on April 03, 2025 at 10:59

Device Under Test

| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
|--------------|-------|--------------------|-----------------------|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

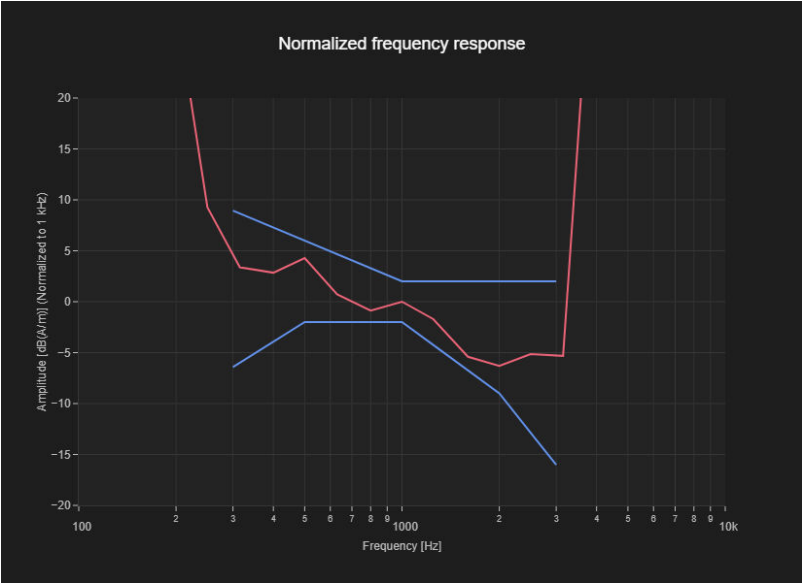
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|--|---------|-----------------|
| Band n5 | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) | 167300 | 836.5 |

Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---------------|---------------|-------------|-------------|---------------|
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
|---------------------------|--------------------------|-------------------------|-------------------------|
| 48k_voice_300-3000_2s.wav | 2.0 | 1.71 | 1.13 |



T-Coil Signal Test Report

Measurement performed on April 03, 2025 at 10:59

Device Under Test

| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
|--------------|-------|--------------------|-----------------------|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

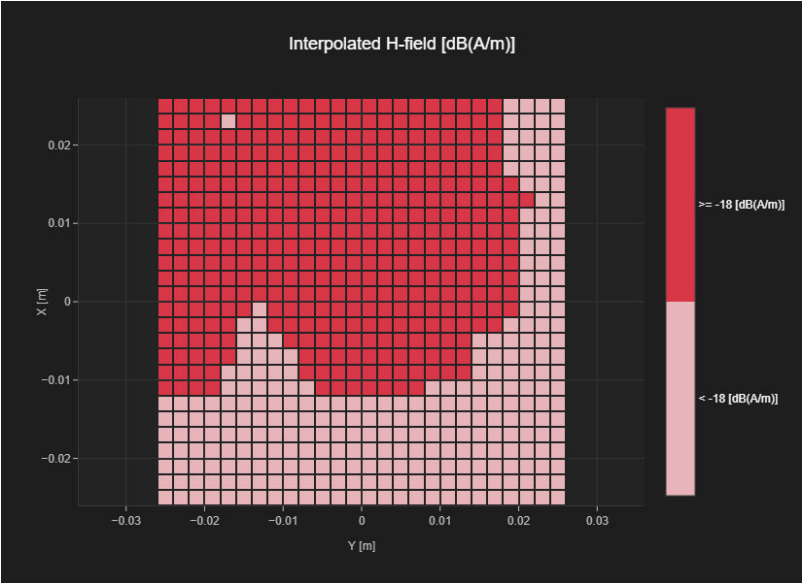
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|--|---------|-----------------|
| Band n5 | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) | 167300 | 836.5 |

Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---------------|---------------|-------------|-------------|---------------|
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

| Audio File | Measurement Duration [s] | Gain [dB] | Hmax [dB(A/m)] |
|-----------------------|--------------------------|-----------|----------------|
| 48k_voice_1kHz_1s.wav | 2.0 | -8.35 | 6.72 |



T-Coil Noise Test Report

Measurement performed on April 03, 2025 at 11:45

Device Under Test

| | | | |
|--------------|-------|--------------------|-----------------------|
| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| | | | |
|---------------|------------------------|-------------|----------------------|
| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

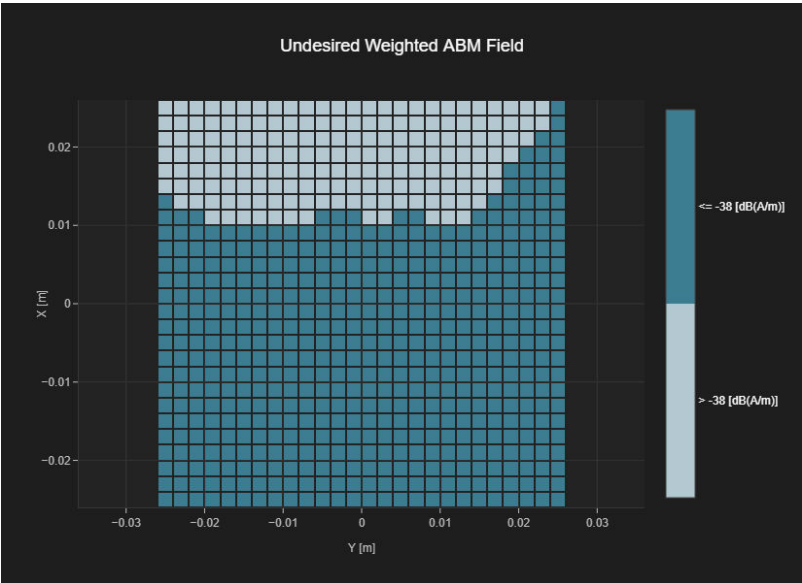
| | | | |
|-----------|--|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| Band n5 | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) | 167300 | 836.5 |

Grid Settings

| | | | | |
|---------------|---------------|-------------|-------------|---------------|
| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

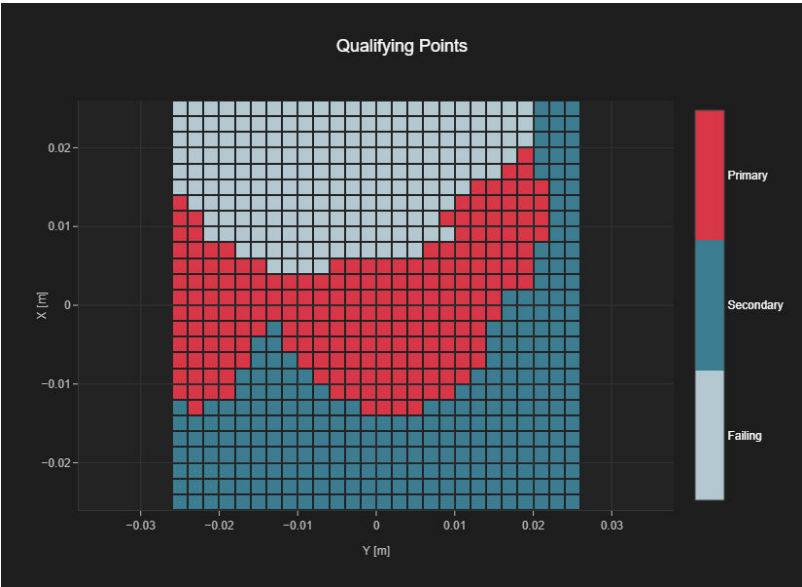
| | | | |
|-----------------------------|----------------------------------|--------------------------------|----------------|
| Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse | Hmax [dB(A/m)] |
| 503 | 26 | 26 | -25.84 |



T-Coil Coupling Mode Test Report

Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 212 | 481 | 26 | 26 |



T-Coil Signal Test Report

Measurement performed on April 03, 2025 at 10:12

Device Under Test

| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
|--------------|-------|--------------------|-----------------------|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

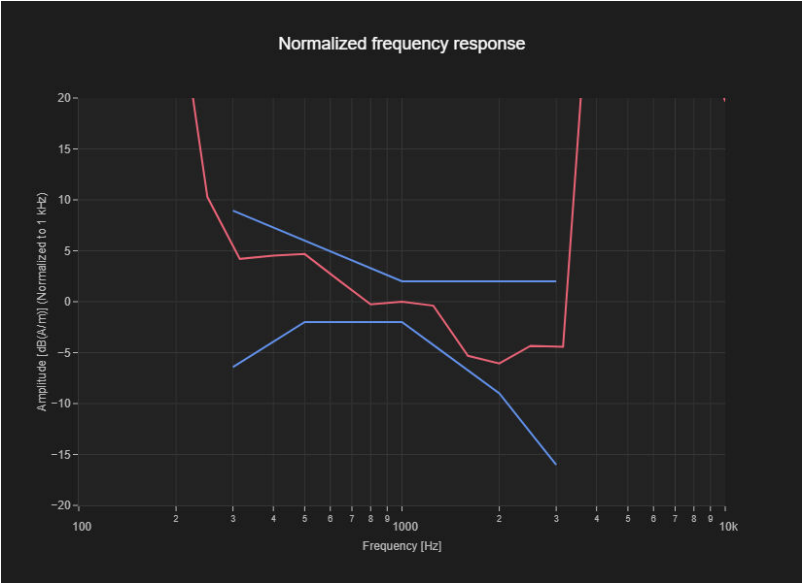
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|--|---------|-----------------|
| Band n7 | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) | 507000 | 2535.0 |

Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---------------|---------------|-------------|-------------|---------------|
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
|---------------------------|--------------------------|-------------------------|-------------------------|
| 48k_voice_300-3000_2s.wav | 2.0 | 1.32 | 1.43 |



T-Coil Signal Test Report

Measurement performed on April 03, 2025 at 10:12

Device Under Test

| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
|--------------|-------|--------------------|-----------------------|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

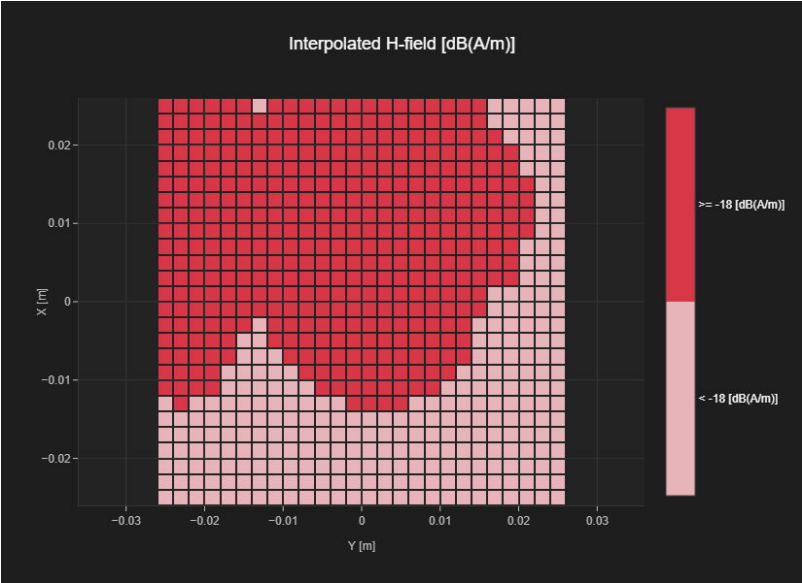
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|--|---------|-----------------|
| Band n7 | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) | 507000 | 2535.0 |

Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---------------|---------------|-------------|-------------|---------------|
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

| Audio File | Measurement Duration [s] | Gain [dB] | Hmax [dB(A/m)] |
|-----------------------|--------------------------|-----------|----------------|
| 48k_voice_1kHz_1s.wav | 2.0 | -8.35 | 7.35 |



T-Coil Noise Test Report

Measurement performed on April 03, 2025 at 10:22

Device Under Test

| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
|--------------|-------|--------------------|-----------------------|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

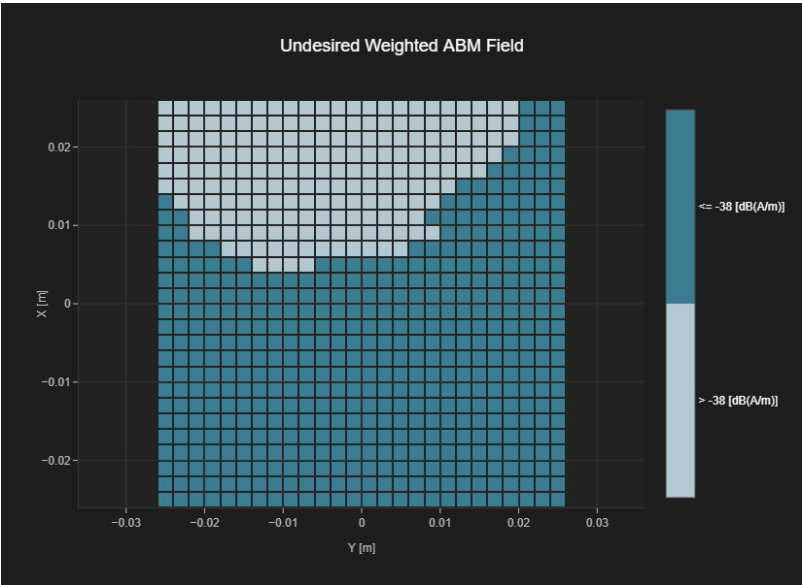
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|--|---------|-----------------|
| Band n7 | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) | 507000 | 2535.0 |

Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---------------|---------------|-------------|-------------|---------------|
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

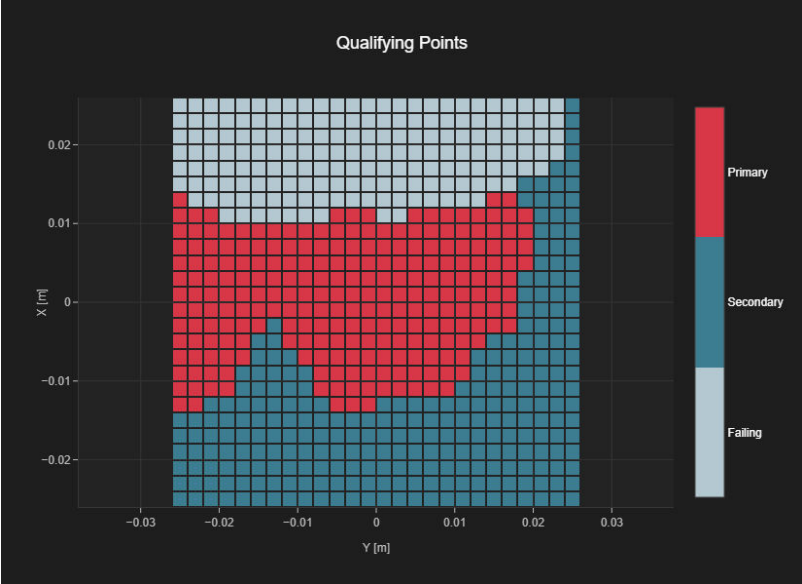
| Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse | Hmax [dB(A/m)] |
|-----------------------------|----------------------------------|--------------------------------|----------------|
| 481 | 26 | 26 | -19.71 |



T-Coil Coupling Mode Test Report

Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 239 | 502 | 26 | 26 |



T-Coil Signal Test Report

Measurement performed on April 03, 2025 at 14:04

Device Under Test

| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
|--------------|-------|--------------------|-----------------------|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

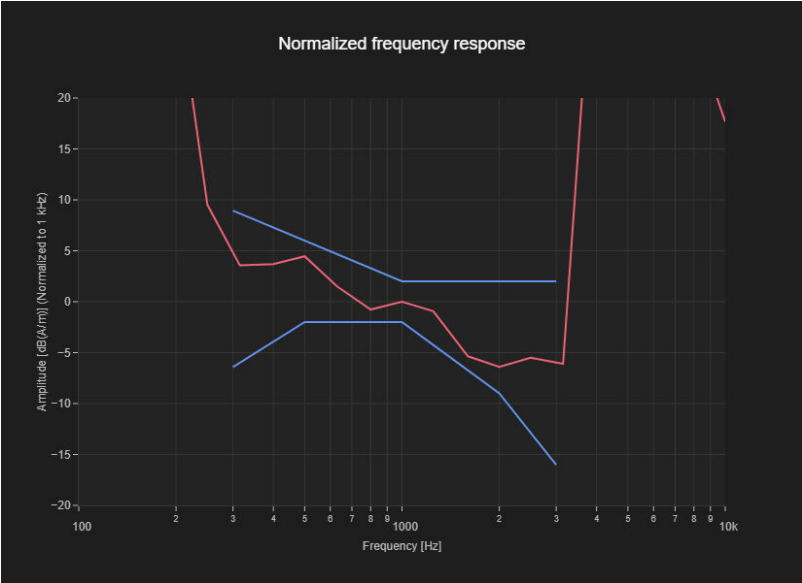
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|--|---------|-----------------|
| Band n12 | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) | 141500 | 707.5 |

Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---------------|---------------|-------------|-------------|---------------|
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
|---------------------------|--------------------------|-------------------------|-------------------------|
| 48k_voice_300-3000_2s.wav | 2.0 | 1.54 | 1.23 |



T-Coil Signal Test Report

Measurement performed on April 03, 2025 at 14:04

Device Under Test

| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
|--------------|-------|--------------------|-----------------------|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

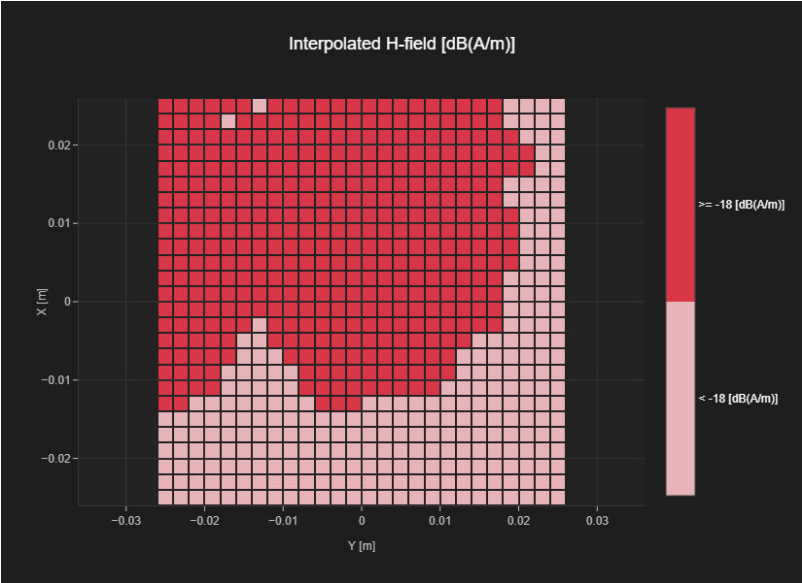
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|--|---------|-----------------|
| Band n12 | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) | 141500 | 707.5 |

Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---------------|---------------|-------------|-------------|---------------|
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

| Audio File | Measurement Duration [s] | Gain [dB] | Hmax [dB(A/m)] |
|-----------------------|--------------------------|-----------|----------------|
| 48k_voice_1kHz_1s.wav | 2.0 | -8.35 | 6.71 |



T-Coil Noise Test Report

Measurement performed on April 03, 2025 at 13:27

Device Under Test

| | | | |
|--------------|-------|--------------------|-----------------------|
| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| | | | |
|---------------|------------------------|-------------|----------------------|
| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

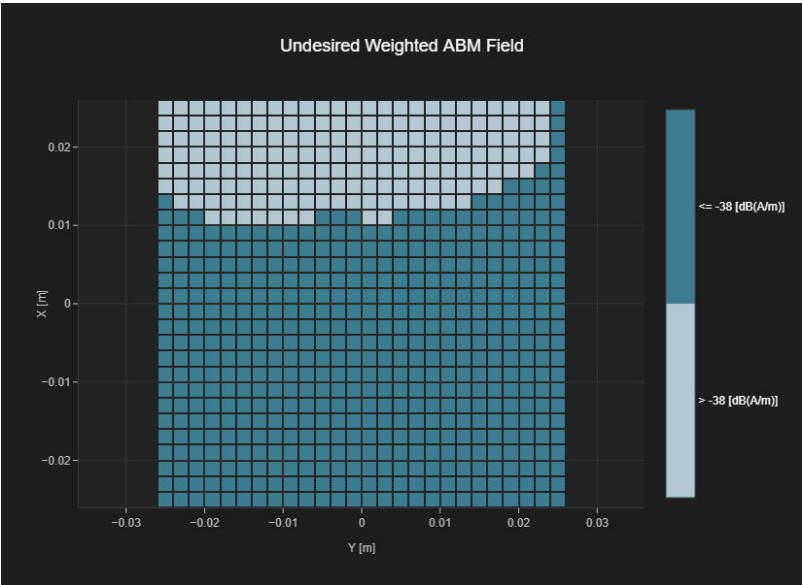
| | | | |
|-----------|--|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| Band n12 | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) | 141500 | 707.5 |

Grid Settings

| | | | | |
|---------------|---------------|-------------|-------------|---------------|
| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

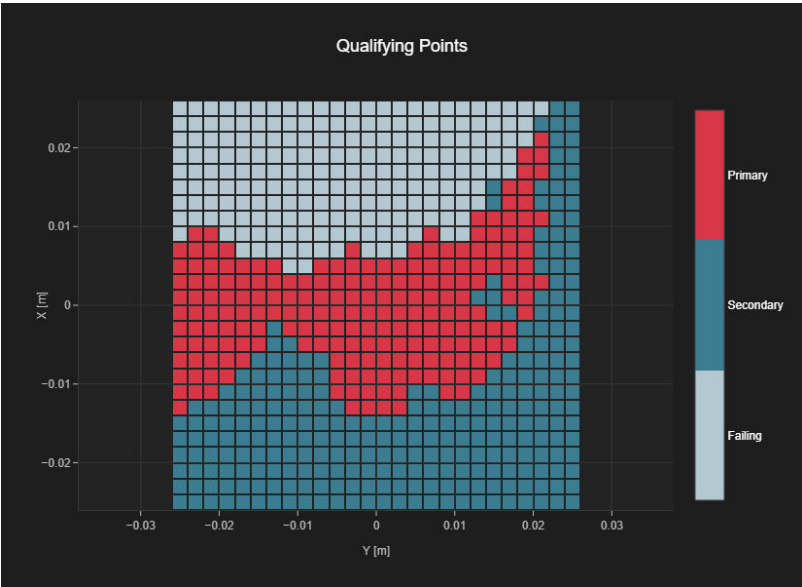
| | | | |
|-----------------------------|----------------------------------|--------------------------------|----------------|
| Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse | Hmax [dB(A/m)] |
| 502 | 26 | 26 | -24.86 |



T-Coil Coupling Mode Test Report

Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 206 | 475 | 26 | 26 |



T-Coil Signal Test Report

Measurement performed on April 03, 2025 at 09:47

Device Under Test

| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
|--------------|-------|--------------------|-----------------------|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

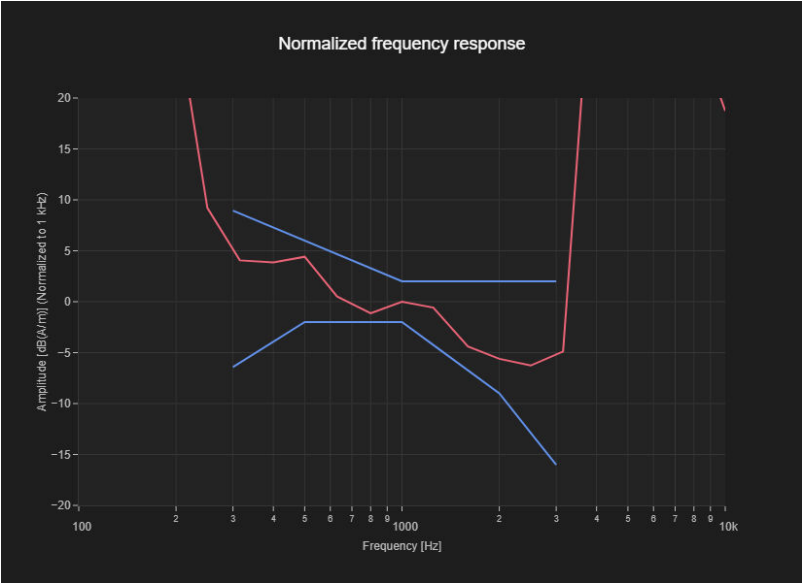
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|--|---------|-----------------|
| Band n25 | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) | 376500 | 1882.5 |

Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---------------|---------------|-------------|-------------|---------------|
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
|---------------------------|--------------------------|-------------------------|-------------------------|
| 48k_voice_300-3000_2s.wav | 2.0 | 1.59 | 0.86 |



T-Coil Signal Test Report

Measurement performed on April 03, 2025 at 09:47

Device Under Test

| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
|--------------|-------|--------------------|-----------------------|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

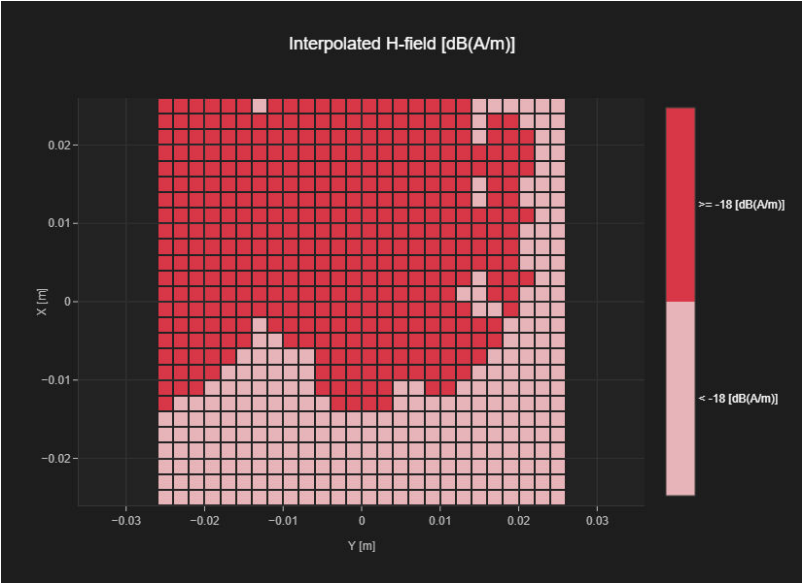
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|--|---------|-----------------|
| Band n25 | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) | 376500 | 1882.5 |

Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---------------|---------------|-------------|-------------|---------------|
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

| Audio File | Measurement Duration [s] | Gain [dB] | Hmax [dB(A/m)] |
|-----------------------|--------------------------|-----------|----------------|
| 48k_voice_1kHz_1s.wav | 2.0 | -8.35 | 6.88 |



T-Coil Noise Test Report

Measurement performed on April 03, 2025 at 09:57

Device Under Test

| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
|--------------|-------|--------------------|-----------------------|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

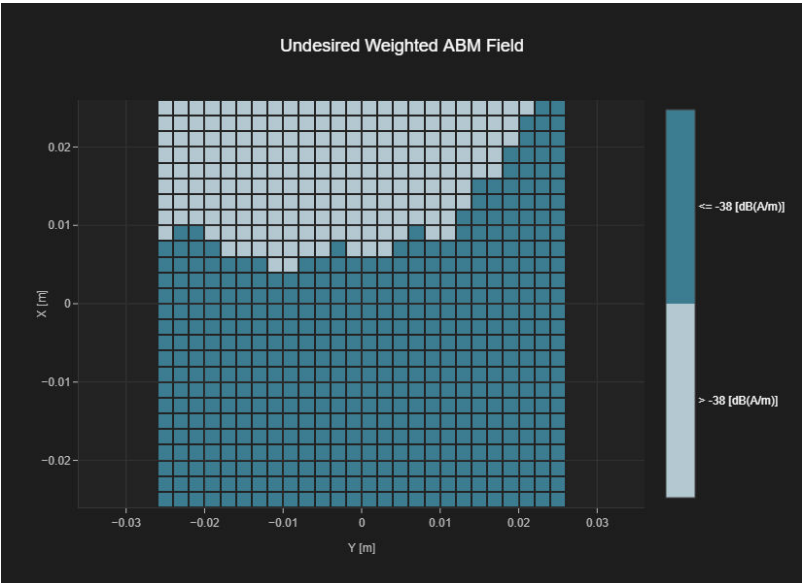
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|--|---------|-----------------|
| Band n25 | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) | 376500 | 1882.5 |

Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---------------|---------------|-------------|-------------|---------------|
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

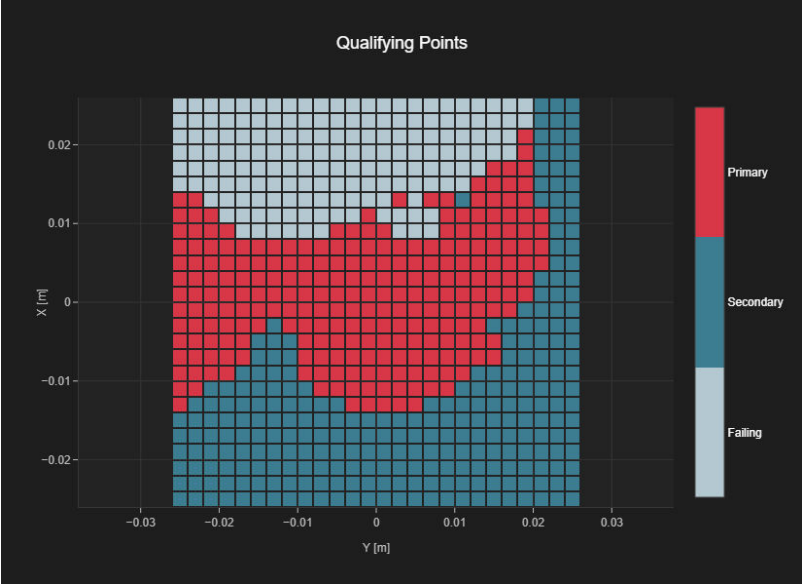
| Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse | Hmax [dB(A/m)] |
|-----------------------------|----------------------------------|--------------------------------|----------------|
| 475 | 26 | 26 | -19.73 |



T-Coil Coupling Mode Test Report

Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 247 | 511 | 26 | 26 |



T-Coil Signal Test Report

Measurement performed on April 03, 2025 at 13:41

Device Under Test

| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
|--------------|-------|--------------------|-----------------------|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

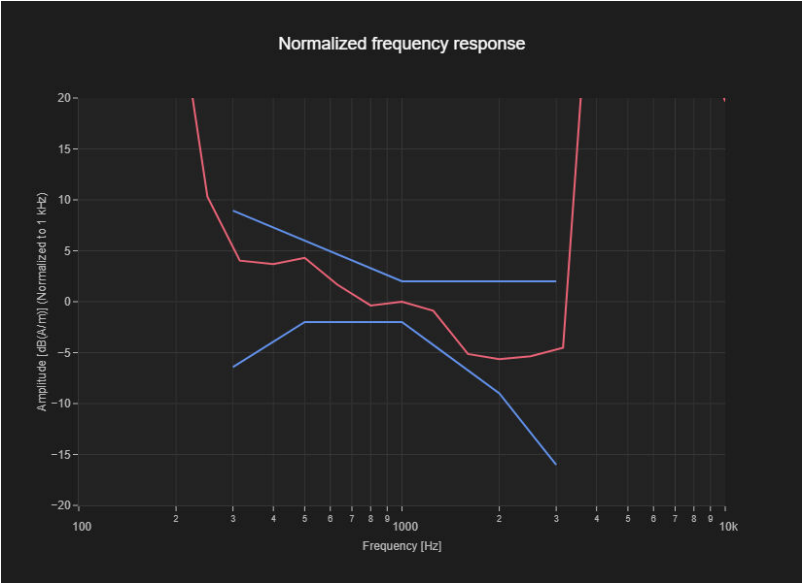
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|--|---------|-----------------|
| Band n30 | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) | 462000 | 2310.0 |

Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---------------|---------------|-------------|-------------|---------------|
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
|---------------------------|--------------------------|-------------------------|-------------------------|
| 48k_voice_300-3000_2s.wav | 2.0 | 1.69 | 1.61 |



T-Coil Signal Test Report

Measurement performed on April 03, 2025 at 13:41

Device Under Test

| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
|--------------|-------|--------------------|-----------------------|
| | | 146.2 x 71.8 x 7.5 | 144.3 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3115 | August 15, 2024 | DAE4 Sn1374 | October 30, 2024 |

Communication Systems

| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|--|---------|-----------------|
| Band n30 | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) | 462000 | 2310.0 |

Grid Settings

| Extent X [mm] | Extent Y [mm] | Step X [mm] | Step Y [mm] | Distance [mm] |
|---------------|---------------|-------------|-------------|---------------|
| 52.0 | 52.0 | 4.0 | 4.0 | 10.0 |

Results

| Audio File | Measurement Duration [s] | Gain [dB] | Hmax [dB(A/m)] |
|-----------------------|--------------------------|-----------|----------------|
| 48k_voice_1kHz_1s.wav | 2.0 | -8.35 | 6.69 |

