

# Appendix A

## Detailed Test Results

|                         |
|-------------------------|
| <b>1. GSM</b>           |
| GSM 850 for T-coil      |
| PCS 1900 for T-coil     |
| <b>2. WCDMA</b>         |
| WCDMA band 2 for T-coil |
| WCDMA band 4 for T-coil |
| WCDMA band 5 for T-coil |
| <b>3. LTE</b>           |
| LTE band 2 for T-coil   |
| LTE band 4 for T-coil   |
| LTE band 5 for T-coil   |
| LTE band 7 for T-coil   |
| LTE band 12 for T-coil  |
| LTE band 13 for T-coil  |
| LTE band 14 for T-coil  |
| LTE band 17 for T-coil  |
| LTE band 25 for T-coil  |
| LTE band 26 for T-coil  |
| LTE band 30 for T-coil  |
| LTE band 66 for T-coil  |
| LTE band 71 for T-coil  |
| LTE band 38 for T-coil  |
| LTE band 41 for T-coil  |
| LTE band 42 for T-coil  |
| LTE band 48 for T-coil  |
| <b>4. NR</b>            |
| n2 for T-coil           |
| n5 for T-coil           |

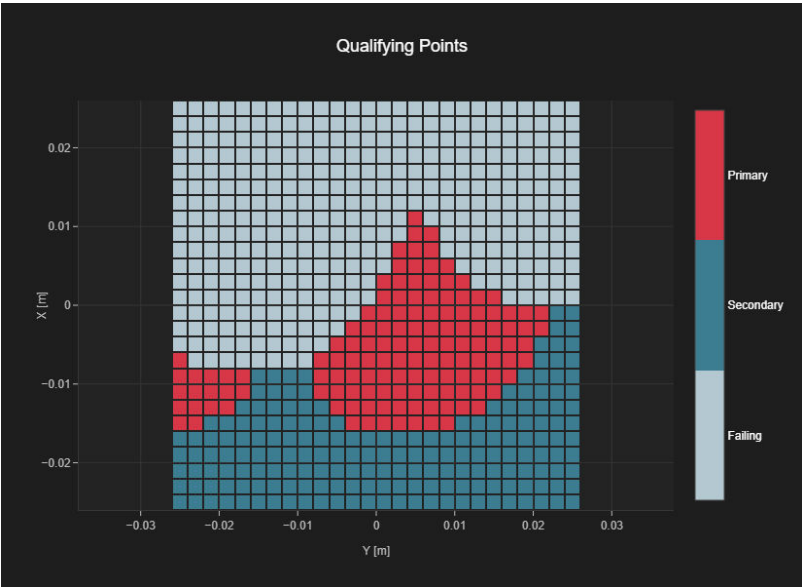


|                       |
|-----------------------|
| n7 for T-coil         |
| n12 for T-coil        |
| n14 for T-coil        |
| n25 for T-coil        |
| n26 for T-coil        |
| n30 for T-coil        |
| n66 for T-coil        |
| n71 for T-coil        |
| n48 for T-coil        |
| n77 for T-coil        |
| n78 for T-coil        |
| <b>5. WIFI</b>        |
| WLAN2.4GHz for T-coil |
| WLAN5GHz for T-coil   |
| WLAN6GHz for T-coil   |
| <b>6. OTT</b>         |
| WCDMA Band II         |
| LTE band 71           |
| LTE band 41(38)       |
| FR1 n77               |
| WLAN 2.4GHz           |

# T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 135                                  | 321                         | 19                               | 26                             |



# T-Coil Signal Test Report

Measurement performed on November 06, 2025 at 13:45

## 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 - 3128 | June 12, 2025          | DAE4 Sn1740 | February 17, 2025    |

## Communication Systems

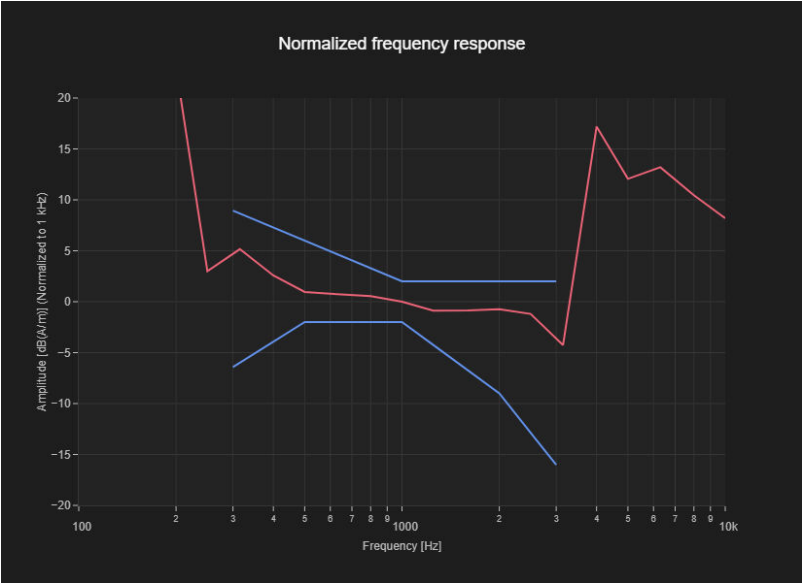
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|----------------------------|---------|-----------------|
| GSM 850   | GSM-FDD (TDMA, GMSK)       | 190     | 836.6           |

## 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 November 06, 2025 at 13:45

## 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 - 3128 | June 12, 2025          | DAE4 Sn1740 | February 17, 2025    |

## Communication Systems

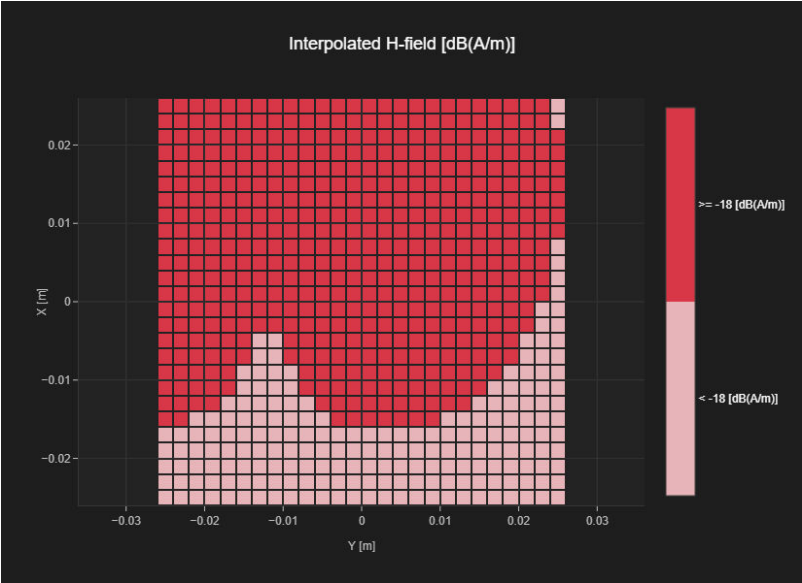
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|----------------------------|---------|-----------------|
| GSM 850   | GSM-FDD (TDMA, GMSK)       | 190     | 836.6           |

## 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                      | -8.37     | 2.69           |



# T-Coil Noise Test Report

Measurement performed on November 06, 2025 at 13:35

## 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 - 3128 | June 12, 2025          | DAE4 Sn1740 | February 17, 2025    |

## Communication Systems

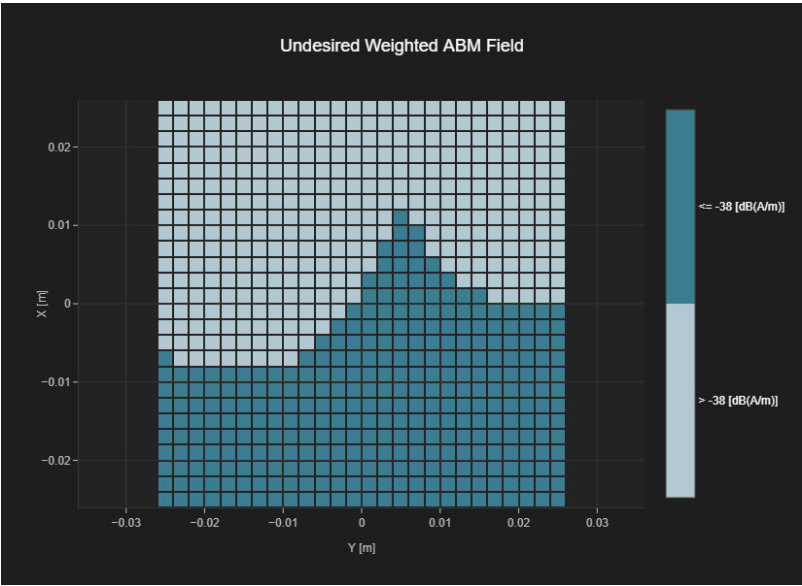
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|----------------------------|---------|-----------------|
| GSM 850   | GSM-FDD (TDMA, GMSK)       | 190     | 836.6           |

## 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

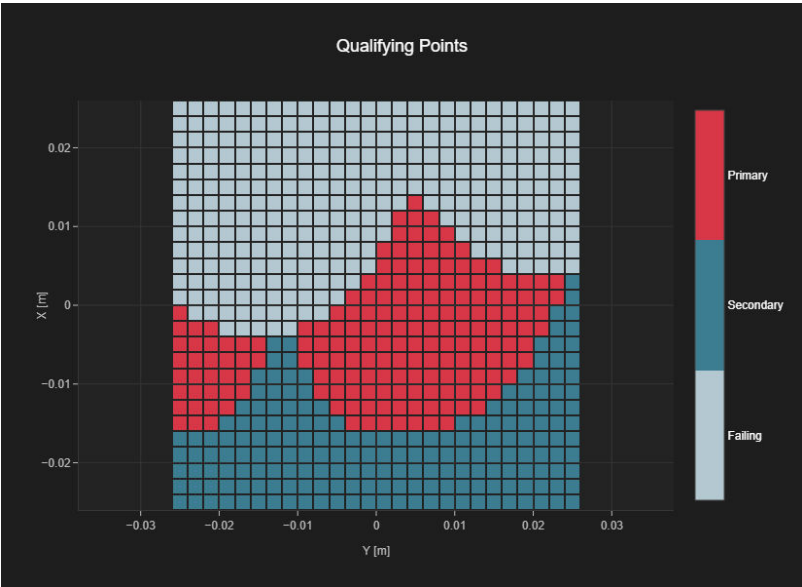
| Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse | Hmax [dB(A/m)] |
|-----------------------------|----------------------------------|--------------------------------|----------------|
| 321                         | 19                               | 26                             | -5.74          |



# T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 184                                  | 375                         | 20                               | 26                             |



# T-Coil Signal Test Report

Measurement performed on November 06, 2025 at 14:52

## 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 - 3128 | June 12, 2025          | DAE4 Sn1740 | February 17, 2025    |

## Communication Systems

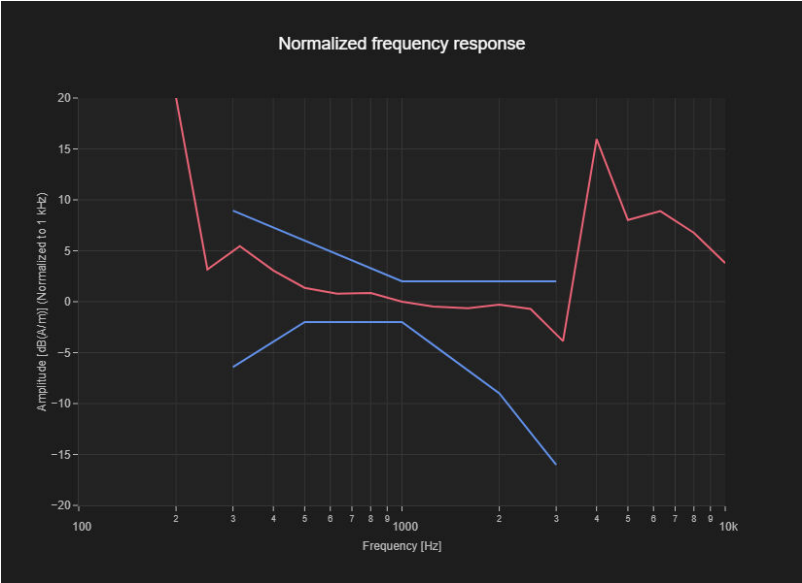
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|----------------------------|---------|-----------------|
| PCS 1900  | GSM-FDD (TDMA, GMSK)       | 661     | 1880.0          |

## 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 November 06, 2025 at 14:52

## 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 - 3128 | June 12, 2025          | DAE4 Sn1740 | February 17, 2025    |

## Communication Systems

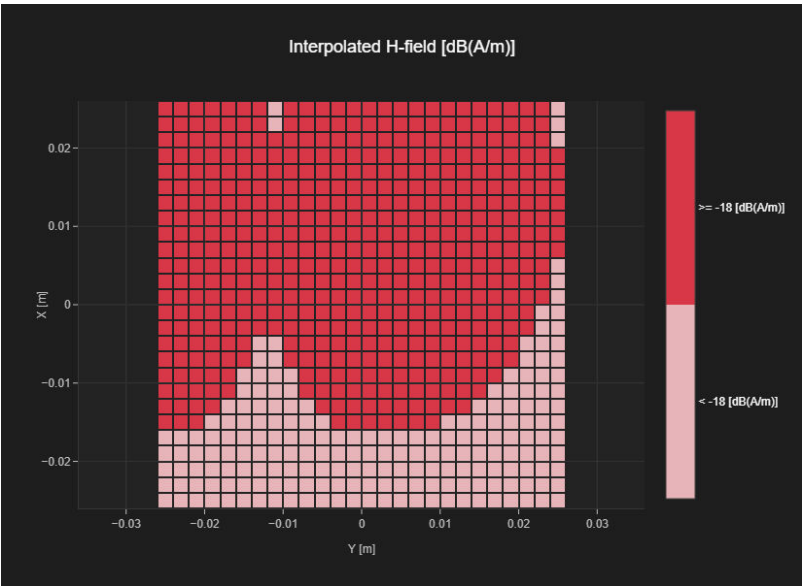
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|----------------------------|---------|-----------------|
| PCS 1900  | GSM-FDD (TDMA, GMSK)       | 661     | 1880.0          |

## 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                      | -8.37     | 2.91           |



# T-Coil Noise Test Report

Measurement performed on November 06, 2025 at 14:40

## 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 - 3128 | June 12, 2025          | DAE4 Sn1740 | February 17, 2025    |

## Communication Systems

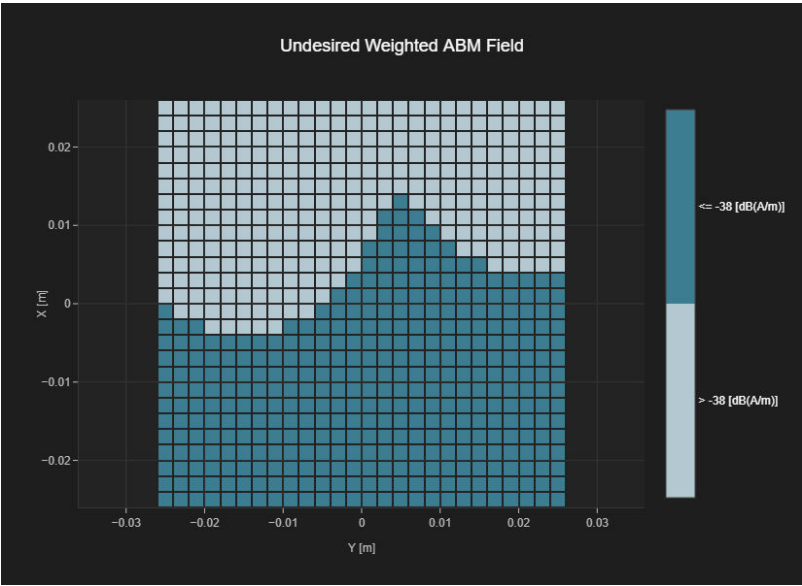
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|----------------------------|---------|-----------------|
| PCS 1900  | GSM-FDD (TDMA, GMSK)       | 661     | 1880.0          |

## 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

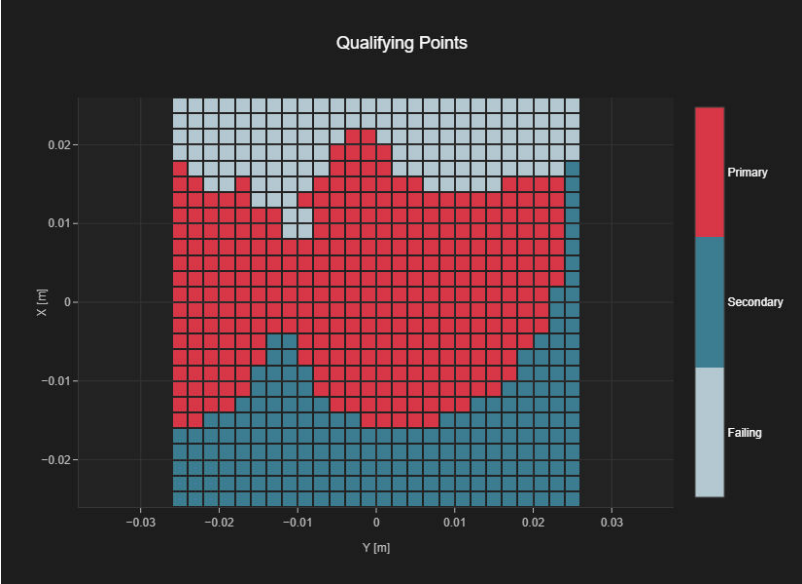
| Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse | Hmax [dB(A/m)] |
|-----------------------------|----------------------------------|--------------------------------|----------------|
| 375                         | 20                               | 26                             | -9.61          |



# T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 336                                  | 540                         | 24                               | 26                             |



# T-Coil Signal Test Report

Measurement performed on November 06, 2025 at 15:29

## 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 - 3128 | June 12, 2025          | DAE4 Sn1740 | February 17, 2025    |

## Communication Systems

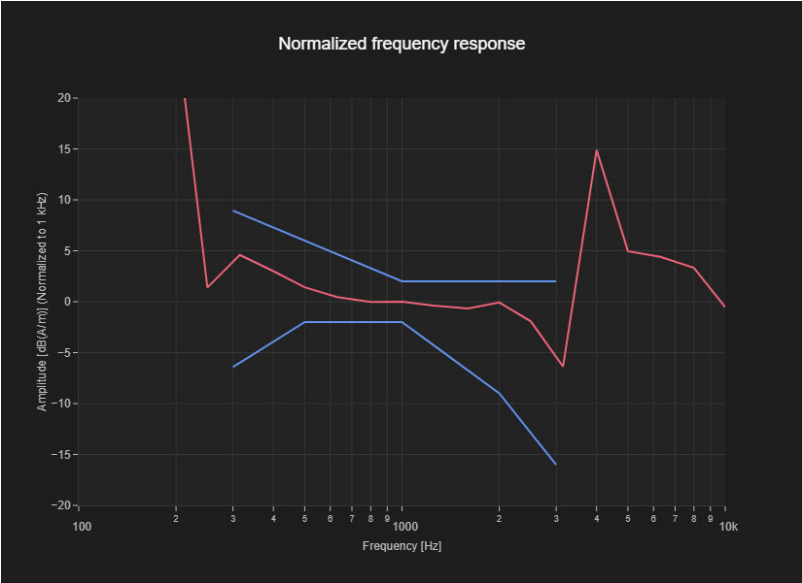
| Band Name        | Communication Systems Name | Channel | Frequency [MHz] |
|------------------|----------------------------|---------|-----------------|
| Band 2, UTRA/FDD | UMTS-FDD (WCDMA, AMR)      | 9400    | 1880.0          |

## 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                     | 1.98                    |



# T-Coil Signal Test Report

Measurement performed on November 06, 2025 at 15:29

## 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 - 3128 | June 12, 2025          | DAE4 Sn1740 | February 17, 2025    |

## Communication Systems

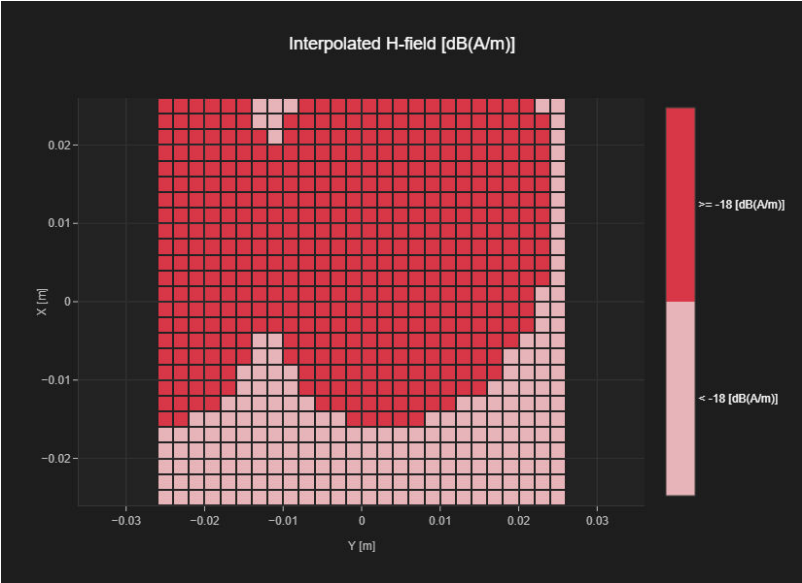
| Band Name        | Communication Systems Name | Channel | Frequency [MHz] |
|------------------|----------------------------|---------|-----------------|
| Band 2, UTRA/FDD | UMTS-FDD (WCDMA, AMR)      | 9400    | 1880.0          |

## 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                      | -8.37     | 2.36           |



# T-Coil Noise Test Report

Measurement performed on November 06, 2025 at 15:18

## 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 - 3128 | June 12, 2025          | DAE4 Sn1740 | February 17, 2025    |

## Communication Systems

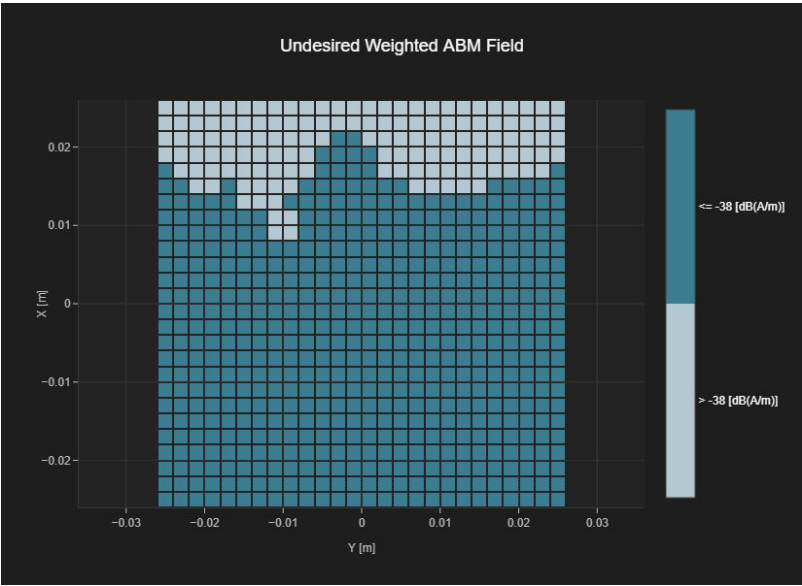
| Band Name        | Communication Systems Name | Channel | Frequency [MHz] |
|------------------|----------------------------|---------|-----------------|
| Band 2, UTRA/FDD | UMTS-FDD (WCDMA, AMR)      | 9400    | 1880.0          |

## 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

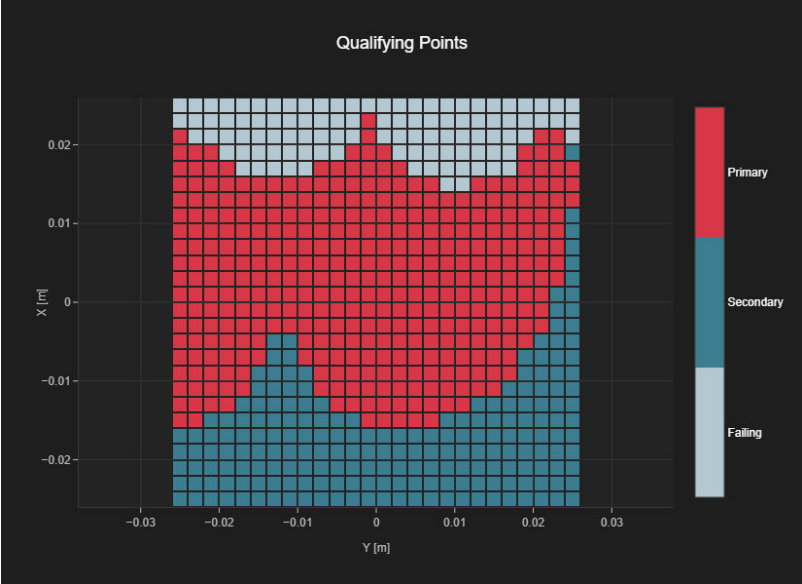
| Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse | Hmax [dB(A/m)] |
|-----------------------------|----------------------------------|--------------------------------|----------------|
| 540                         | 24                               | 26                             | -23.46         |



# T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 371                                  | 573                         | 25                               | 26                             |



# T-Coil Signal Test Report

Measurement performed on November 07, 2025 at 14:41

## 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 - 3128 | June 12, 2025          | DAE4 Sn1740 | February 17, 2025    |

## Communication Systems

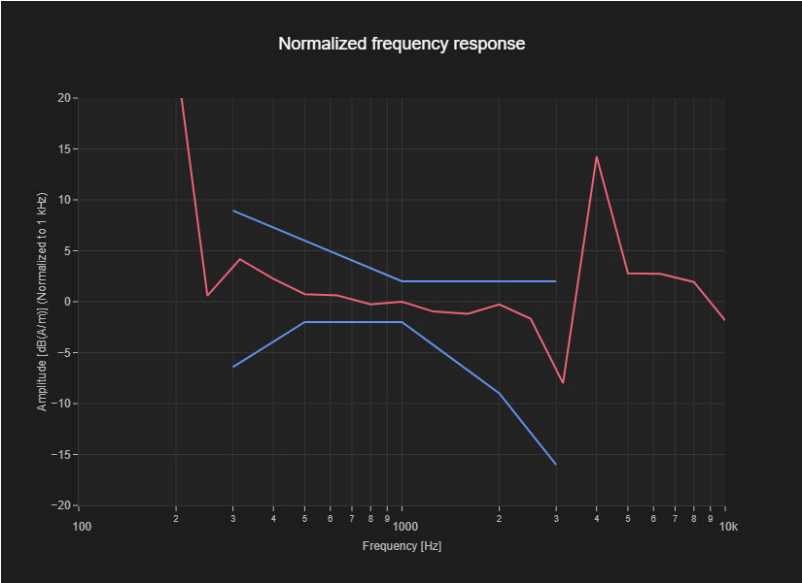
| Band Name        | Communication Systems Name | Channel | Frequency [MHz] |
|------------------|----------------------------|---------|-----------------|
| Band 4, UTRA/FDD | UMTS-FDD (WCDMA, AMR)      | 1412    | 1732.4          |

## 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                     | 1.74                    |



# T-Coil Signal Test Report

Measurement performed on November 07, 2025 at 14:41

## 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 - 3128 | June 12, 2025          | DAE4 Sn1740 | February 17, 2025    |

## Communication Systems

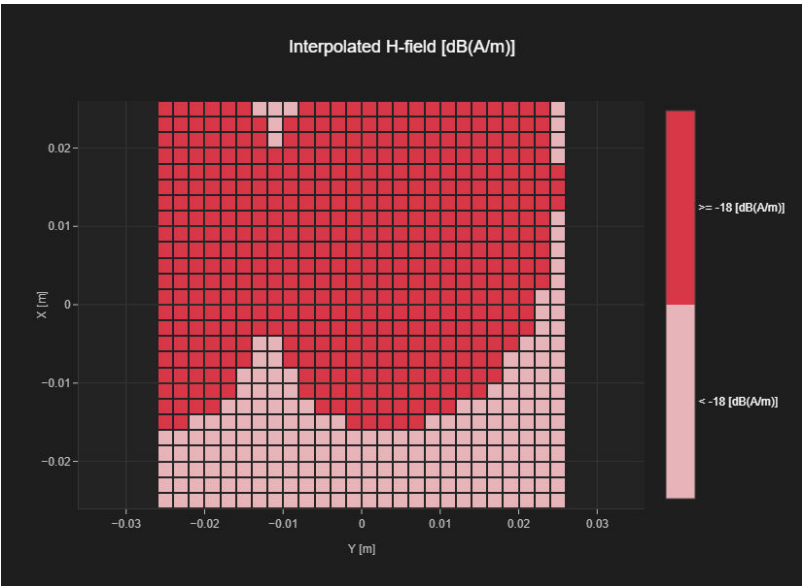
| Band Name        | Communication Systems Name | Channel | Frequency [MHz] |
|------------------|----------------------------|---------|-----------------|
| Band 4, UTRA/FDD | UMTS-FDD (WCDMA, AMR)      | 1412    | 1732.4          |

## 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                      | -8.34     | 2.62           |



# T-Coil Noise Test Report

Measurement performed on November 07, 2025 at 14:30

## 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 - 3128 | June 12, 2025          | DAE4 Sn1740 | February 17, 2025    |

## Communication Systems

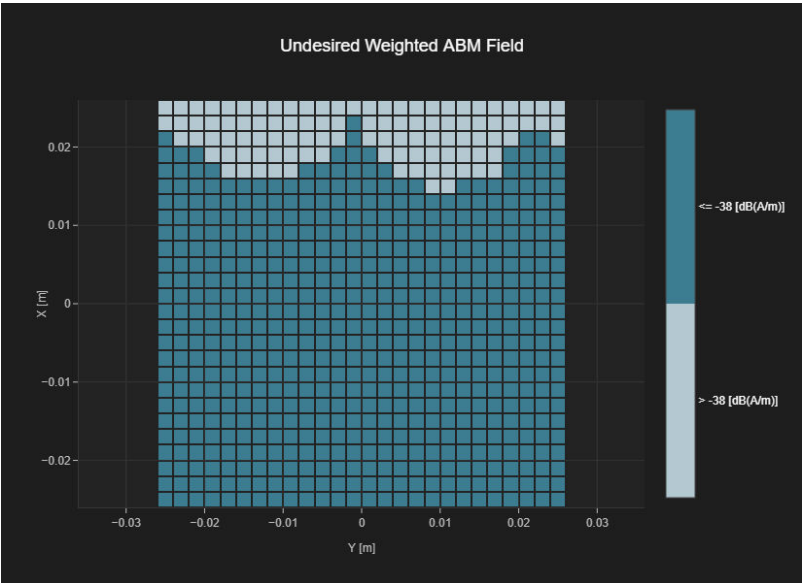
| Band Name        | Communication Systems Name | Channel | Frequency [MHz] |
|------------------|----------------------------|---------|-----------------|
| Band 4, UTRA/FDD | UMTS-FDD (WCDMA, AMR)      | 1412    | 1732.4          |

## 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

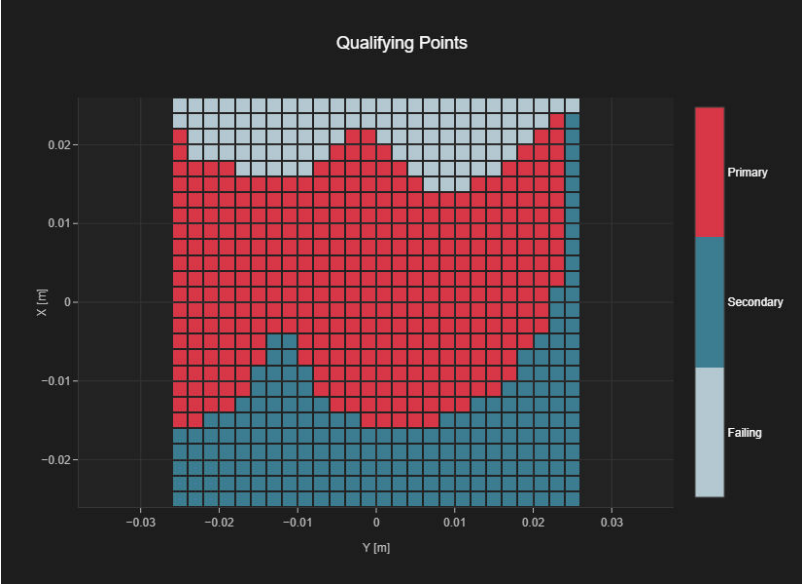
| Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse | Hmax [dB(A/m)] |
|-----------------------------|----------------------------------|--------------------------------|----------------|
| 573                         | 25                               | 26                             | -28.95         |



# T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 368                                  | 575                         | 25                               | 26                             |



# T-Coil Signal Test Report

Measurement performed on November 07, 2025 at 15:21

## 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 - 3128 | June 12, 2025          | DAE4 Sn1740 | February 17, 2025    |

## Communication Systems

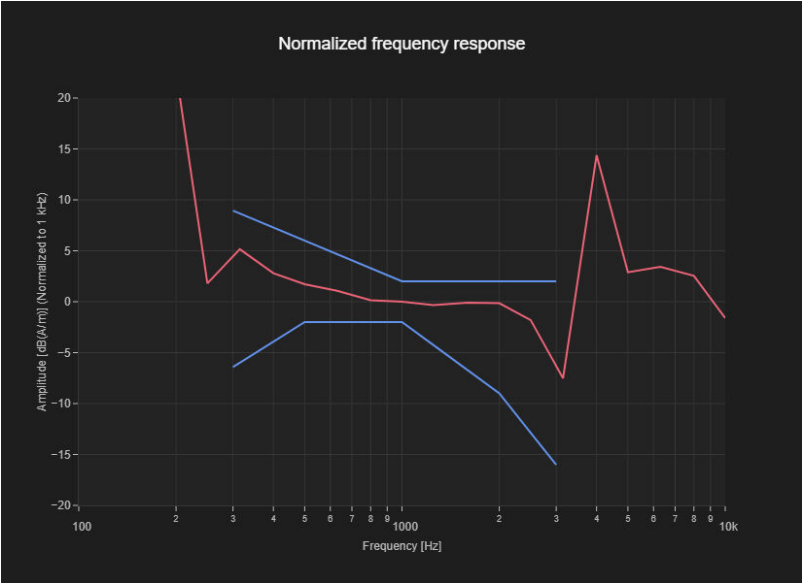
| Band Name        | Communication Systems Name | Channel | Frequency [MHz] |
|------------------|----------------------------|---------|-----------------|
| Band 5, UTRA/FDD | UMTS-FDD (WCDMA, AMR)      | 4183    | 836.6           |

## 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 November 07, 2025 at 15:21

## 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 - 3128 | June 12, 2025          | DAE4 Sn1740 | February 17, 2025    |

## Communication Systems

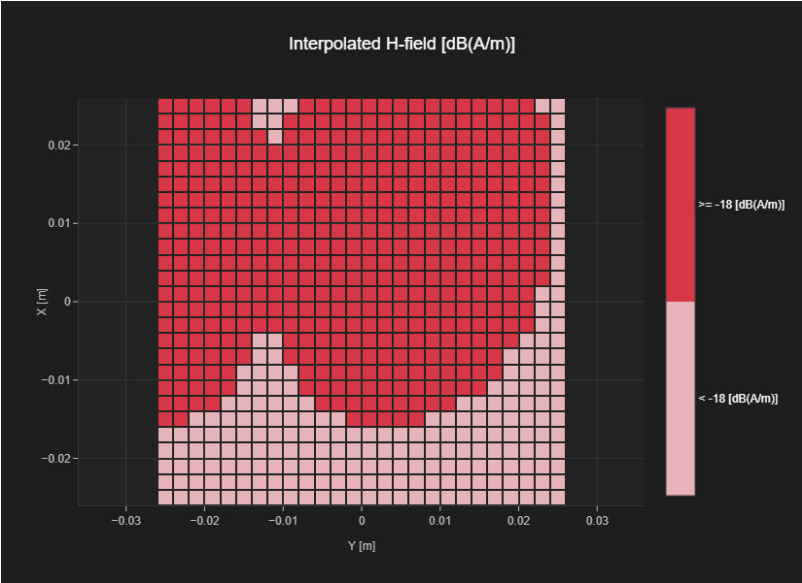
| Band Name        | Communication Systems Name | Channel | Frequency [MHz] |
|------------------|----------------------------|---------|-----------------|
| Band 5, UTRA/FDD | UMTS-FDD (WCDMA, AMR)      | 4183    | 836.6           |

## 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                      | -8.34     | 2.62           |



# T-Coil Noise Test Report

Measurement performed on November 07, 2025 at 15:11

## 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 - 3128 | June 12, 2025          | DAE4 Sn1740 | February 17, 2025    |

## Communication Systems

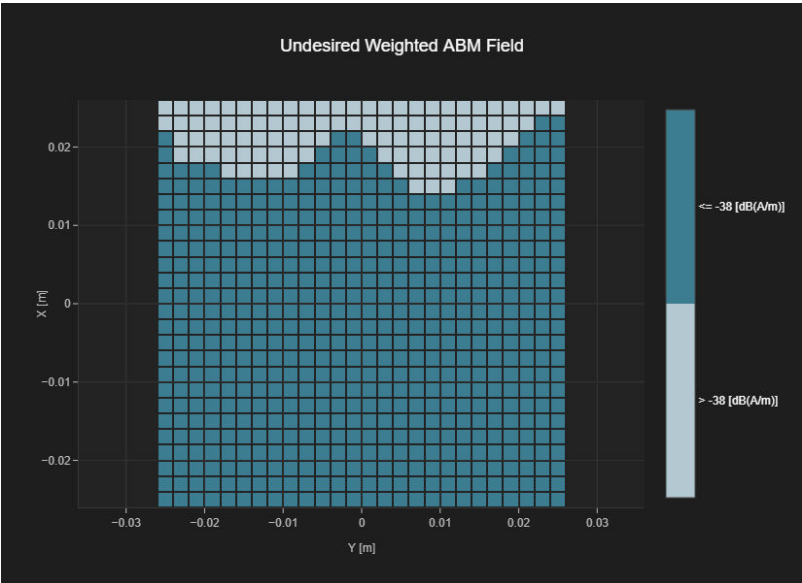
| Band Name        | Communication Systems Name | Channel | Frequency [MHz] |
|------------------|----------------------------|---------|-----------------|
| Band 5, UTRA/FDD | UMTS-FDD (WCDMA, AMR)      | 4183    | 836.6           |

## 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

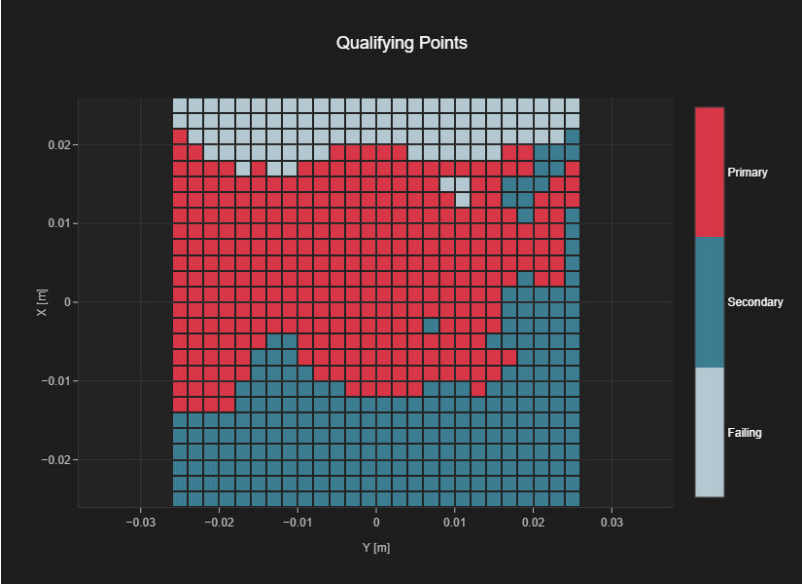
| Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse | Hmax [dB(A/m)] |
|-----------------------------|----------------------------------|--------------------------------|----------------|
| 575                         | 25                               | 26                             | -29.74         |



# T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 328                                  | 580                         | 24                               | 26                             |



# T-Coil Signal Test Report

Measurement performed on November 09, 2025 at 19:23

## 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 - 3128 | June 12, 2025          | DAE4 Sn1740 | February 17, 2025    |

## Communication Systems

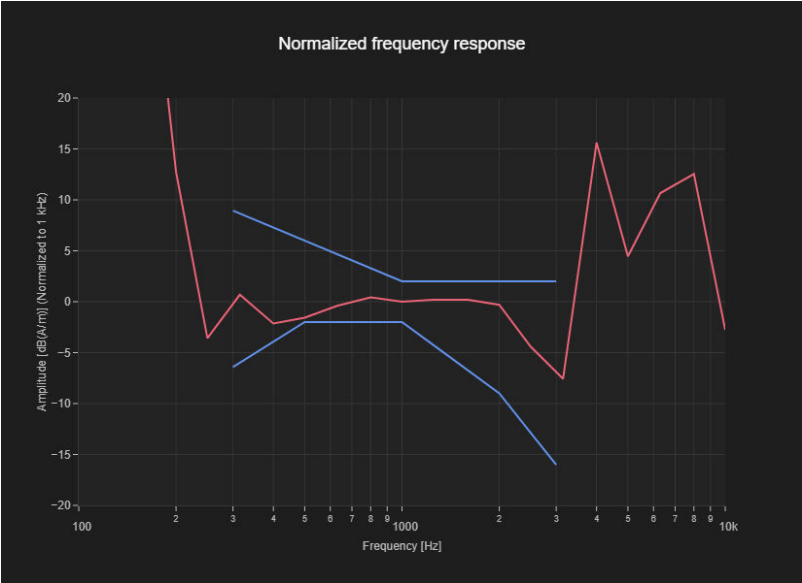
| Band Name          | Communication Systems Name            | Channel | Frequency [MHz] |
|--------------------|---------------------------------------|---------|-----------------|
| Band 2, E-UTRA/FDD | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 18900   | 1880.0          |

## 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                      | 1.8                     | 0.42                    |



# T-Coil Signal Test Report

Measurement performed on November 09, 2025 at 19:23

## 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 - 3128 | June 12, 2025          | DAE4 Sn1740 | February 17, 2025    |

## Communication Systems

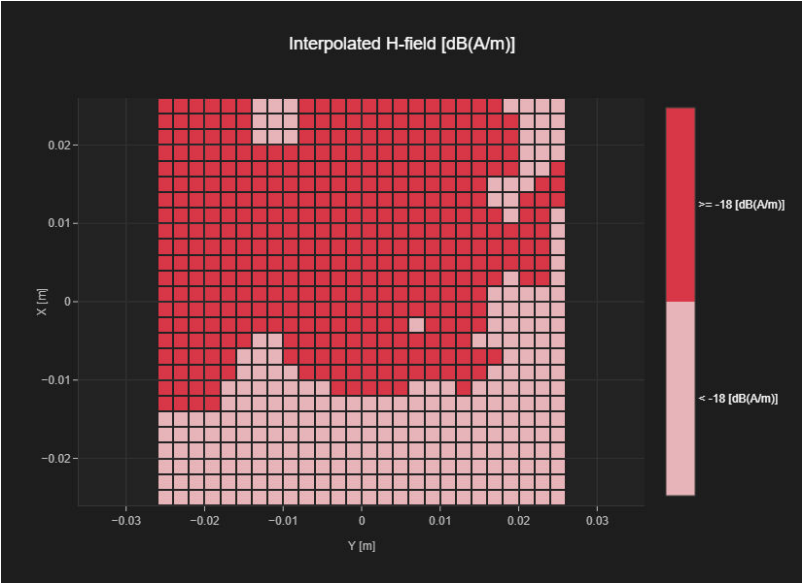
| Band Name          | Communication Systems Name            | Channel | Frequency [MHz] |
|--------------------|---------------------------------------|---------|-----------------|
| Band 2, E-UTRA/FDD | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 18900   | 1880.0          |

## 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                      | -8.34     | 2.88           |



# T-Coil Noise Test Report

Measurement performed on November 09, 2025 at 19:02

## 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 - 3128 | June 12, 2025          | DAE4 Sn1740 | February 17, 2025    |

## Communication Systems

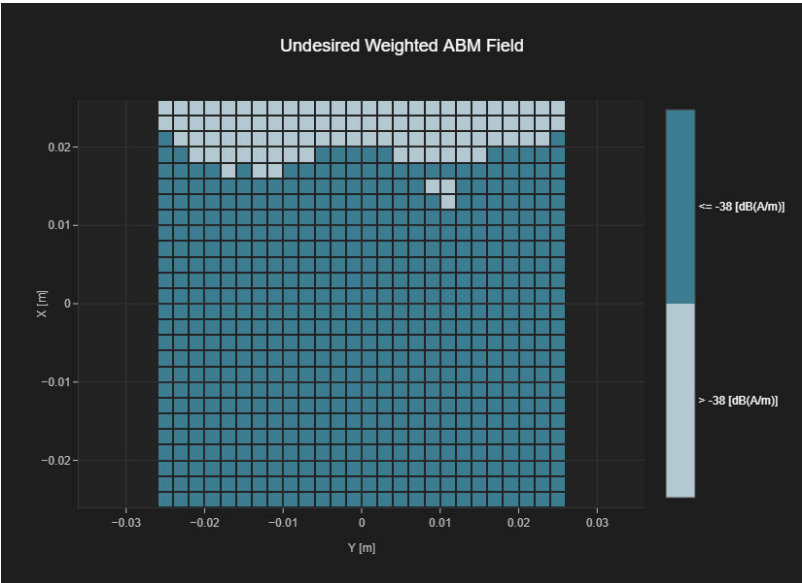
| Band Name          | Communication Systems Name            | Channel | Frequency [MHz] |
|--------------------|---------------------------------------|---------|-----------------|
| Band 2, E-UTRA/FDD | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 18900   | 1880.0          |

## 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

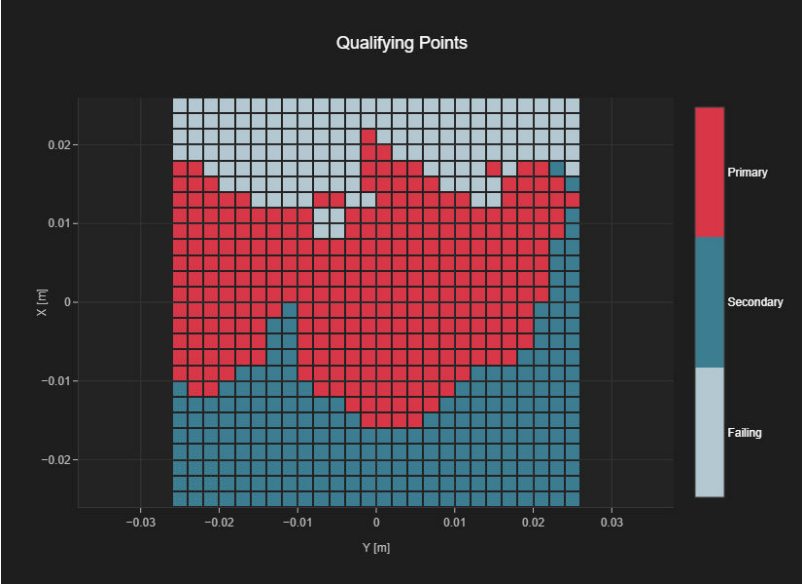
| Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse | Hmax [dB(A/m)] |
|-----------------------------|----------------------------------|--------------------------------|----------------|
| 580                         | 24                               | 26                             | -30.95         |



# T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 304                                  | 533                         | 23                               | 26                             |



# T-Coil Signal Test Report

Measurement performed on November 11, 2025 at 14:19

## 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 - 3128 | June 12, 2025          | DAE4 Sn1740 | February 17, 2025    |

## Communication Systems

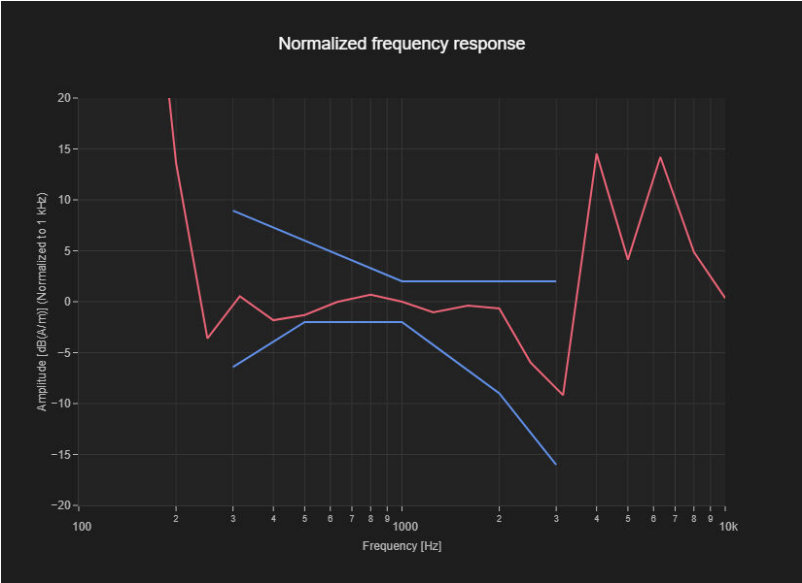
| Band Name           | Communication Systems Name            | Channel | Frequency [MHz] |
|---------------------|---------------------------------------|---------|-----------------|
| Band 66, E-UTRA/FDD | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 132322  | 1745.0          |

## 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                     | 0.7                     |



# T-Coil Signal Test Report

Measurement performed on November 11, 2025 at 14:19

## 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 - 3128 | June 12, 2025          | DAE4 Sn1740 | February 17, 2025    |

## Communication Systems

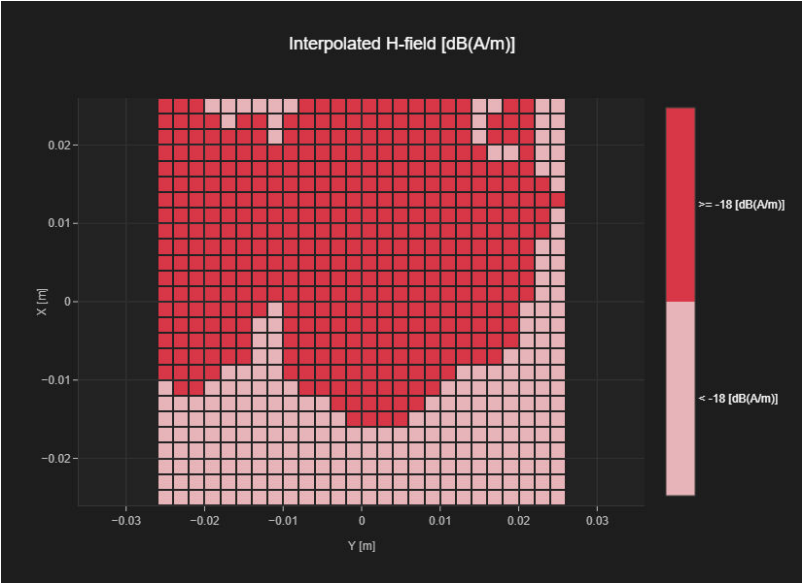
| Band Name           | Communication Systems Name            | Channel | Frequency [MHz] |
|---------------------|---------------------------------------|---------|-----------------|
| Band 66, E-UTRA/FDD | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 132322  | 1745.0          |

## 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                      | -8.34     | 2.58           |



# T-Coil Noise Test Report

Measurement performed on November 11, 2025 at 14:10

## 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 - 3128 | June 12, 2025          | DAE4 Sn1740 | February 17, 2025    |

## Communication Systems

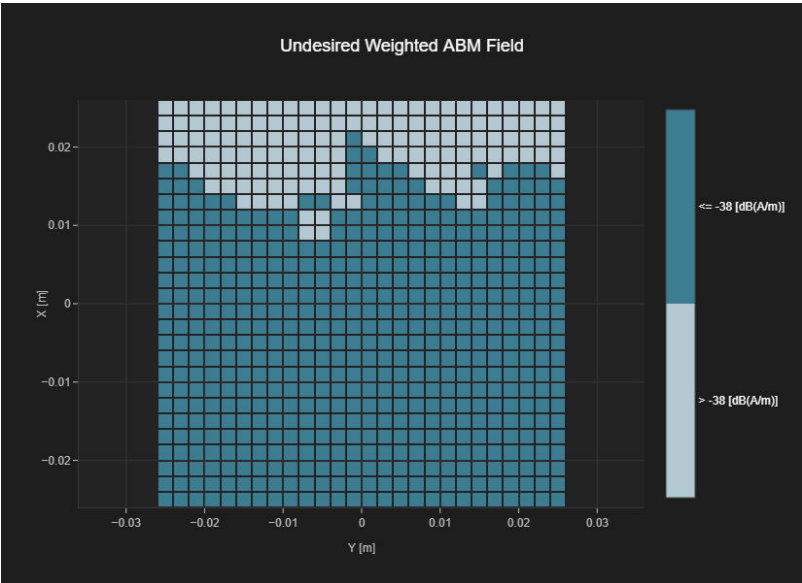
| Band Name           | Communication Systems Name            | Channel | Frequency [MHz] |
|---------------------|---------------------------------------|---------|-----------------|
| Band 66, E-UTRA/FDD | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 132322  | 1745.0          |

## 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

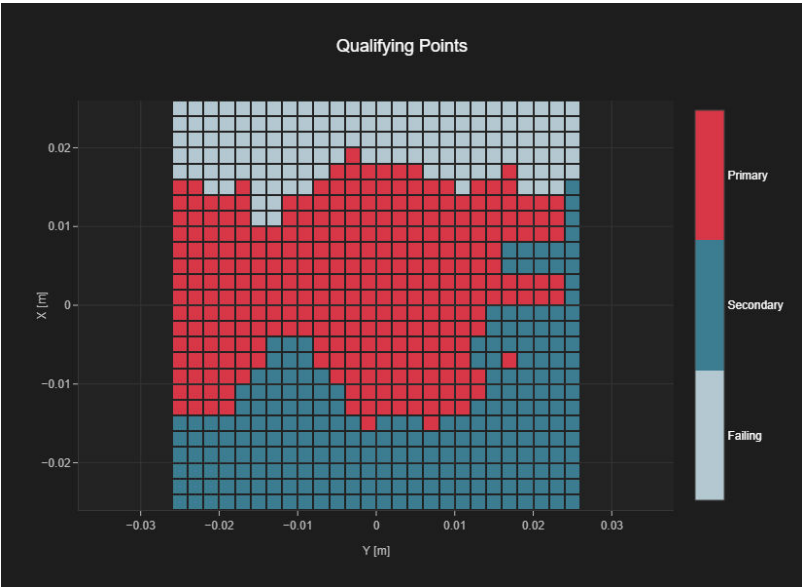
| Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse | Hmax [dB(A/m)] |
|-----------------------------|----------------------------------|--------------------------------|----------------|
| 533                         | 23                               | 26                             | -24.73         |



# T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 301                                  | 540                         | 23                               | 26                             |



# T-Coil Signal Test Report

Measurement performed on November 11, 2025 at 14:52

## 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 - 3128 | June 12, 2025          | DAE4 Sn1740 | February 17, 2025    |

## Communication Systems

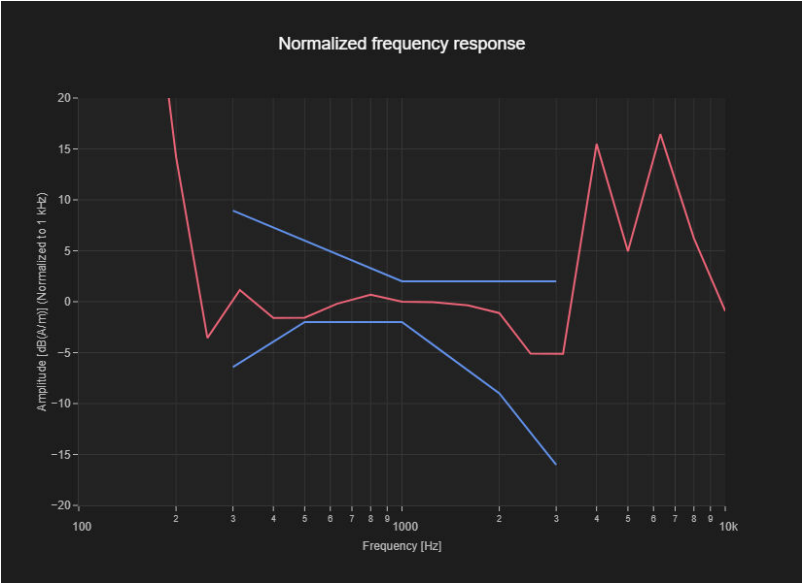
| Band Name          | Communication Systems Name            | Channel | Frequency [MHz] |
|--------------------|---------------------------------------|---------|-----------------|
| Band 7, E-UTRA/FDD | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 21100   | 2535.0          |

## 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                      | 2.0                     | 0.43                    |



# T-Coil Signal Test Report

Measurement performed on November 11, 2025 at 14:52

## 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 - 3128 | June 12, 2025          | DAE4 Sn1740 | February 17, 2025    |

## Communication Systems

| Band Name          | Communication Systems Name            | Channel | Frequency [MHz] |
|--------------------|---------------------------------------|---------|-----------------|
| Band 7, E-UTRA/FDD | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 21100   | 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                      | -8.34     | 2.61           |

