

# Plot No.01 T-Coil Signal Test Report

Measurement performed on April 06, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x 20.0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

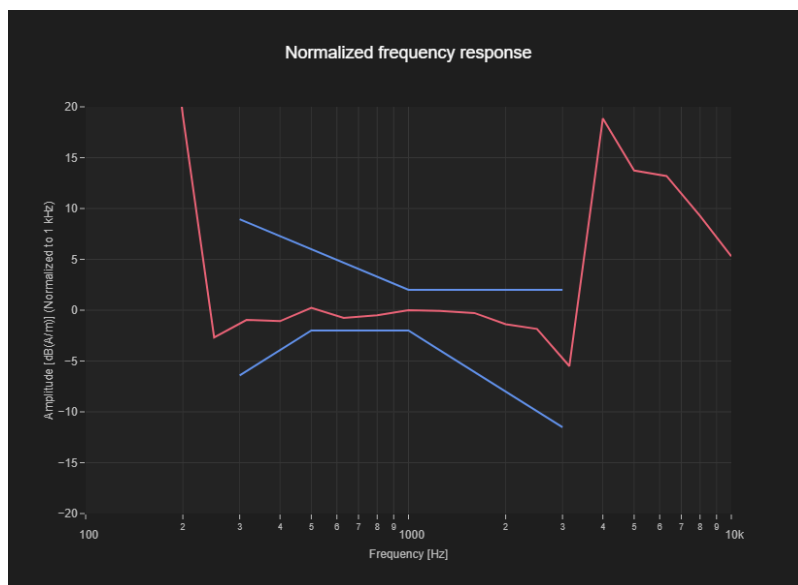
|           |                            |         |                 |
|-----------|----------------------------|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| Band 2    | UMTS-FDD (WCDMA, AMR)      | 9400    | 1880.0          |

## 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

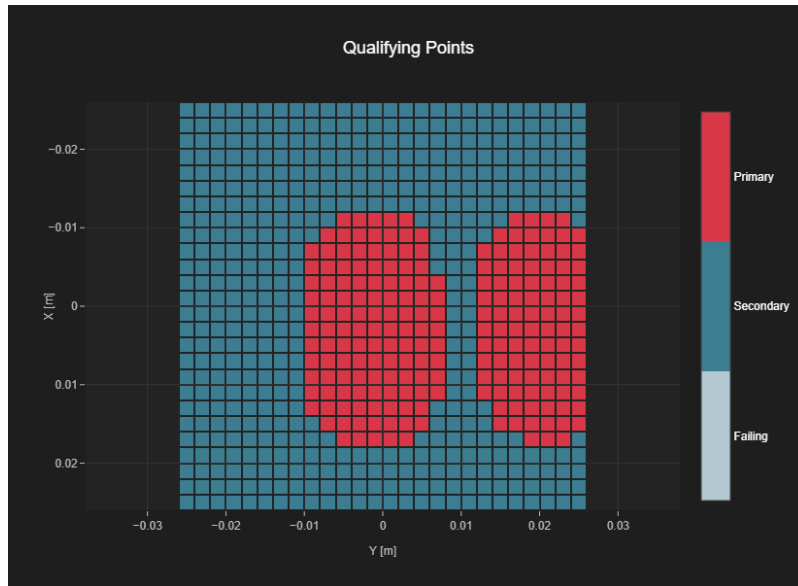
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 2.0                     | 1.25                    |



# Plot No.01 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 215                                  | 676                         | 26                               | 26                             |



# Plot No.02 T-Coil Signal Test Report

Measurement performed on April 06, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x 20.0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

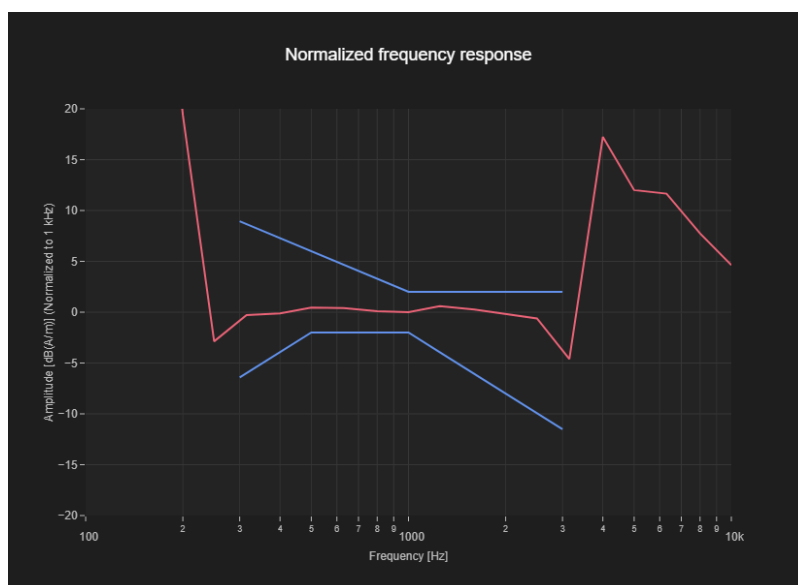
|           |                            |         |                 |
|-----------|----------------------------|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| Band 4    | UMTS-FDD (WCDMA, AMR)      | 1413    | 1732.6          |

## 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

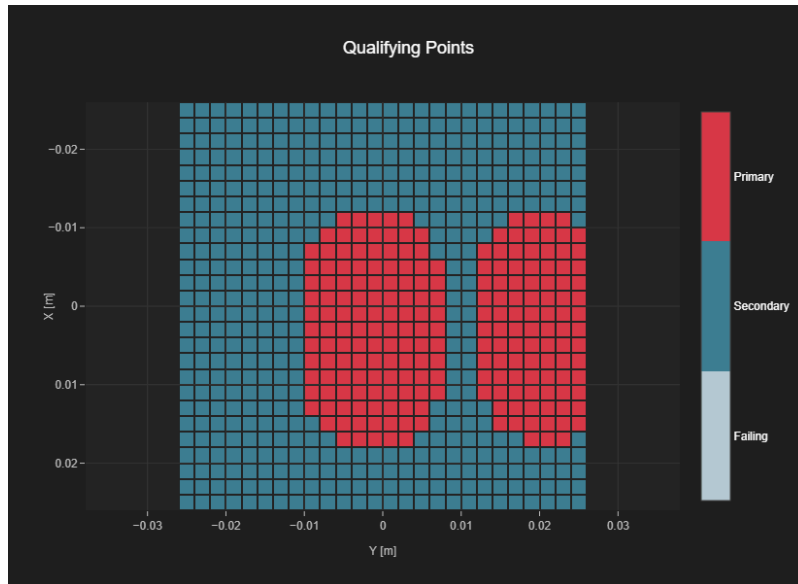
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 1.41                    | 2.0                     |



# Plot No.02 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 216                                  | 676                         | 26                               | 26                             |



# Plot No.03 T-Coil Signal Test Report

Measurement performed on March 25, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

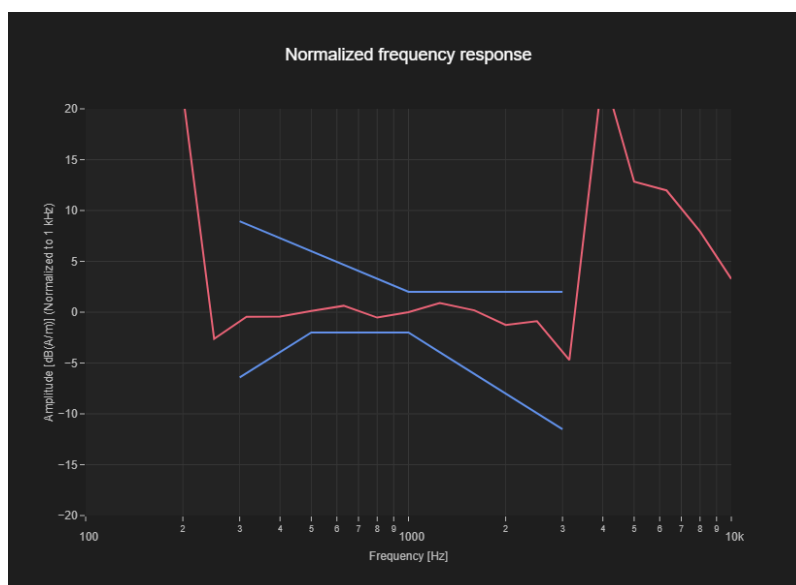
|           |                            |         |                 |
|-----------|----------------------------|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| Band 5    | UMTS-FDD (WCDMA, AMR)      | 4182    | 836.4           |

## 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

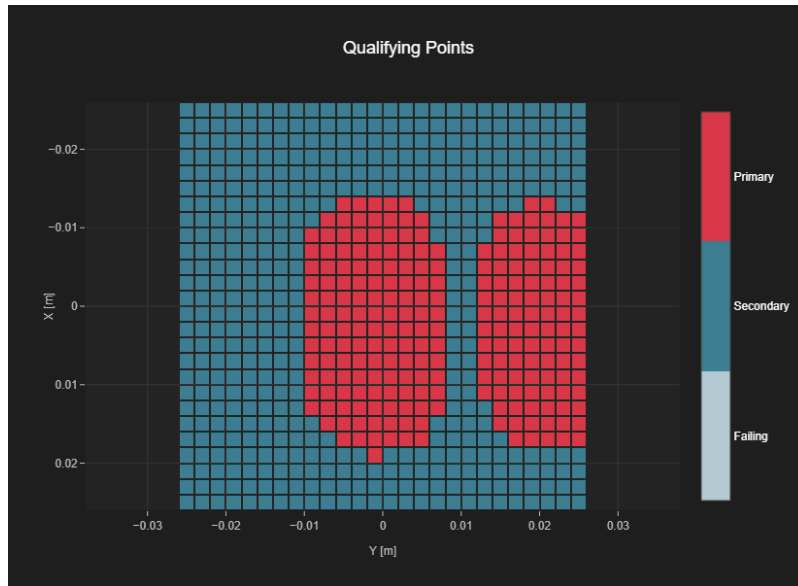
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 1.09                    | 1.47                    |



# Plot No.03 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 234                                  | 676                         | 26                               | 26                             |



# Plot No.04 T-Coil Signal Test Report

Measurement performed on April 06, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

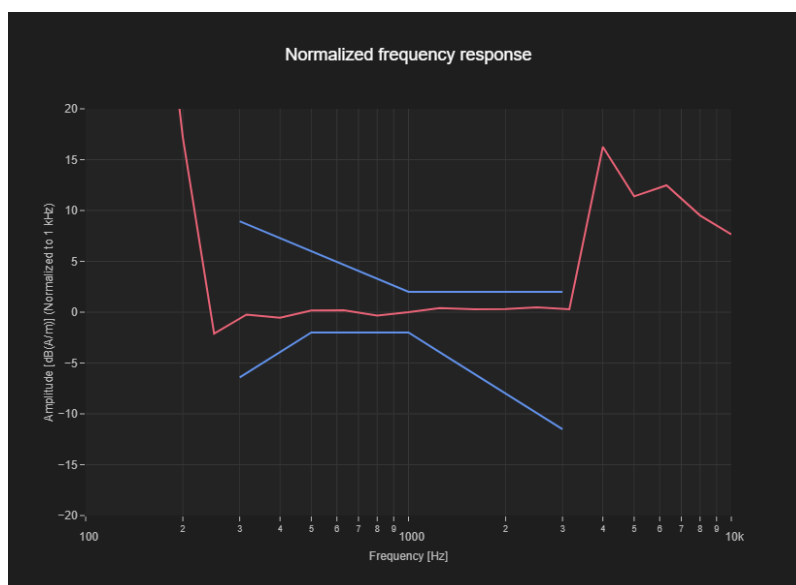
|           |                                       |         |                 |
|-----------|---------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name            | Channel | Frequency [MHz] |
| Band 7    | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 21100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

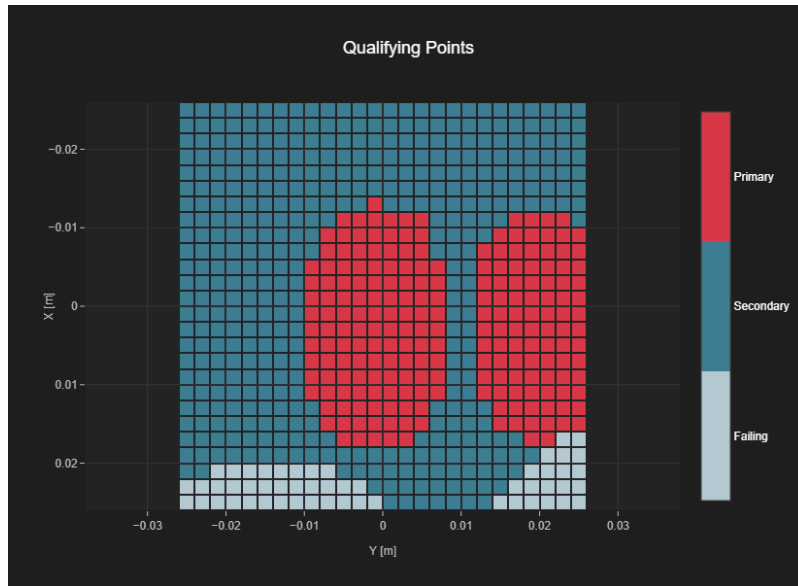
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 1.52                    | 1.67                    |



# Plot No.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 |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 215                                  | 623                         | 26                               | 26                             |





# Plot No.05 T-Coil Signal Test Report

Measurement performed on April 06, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

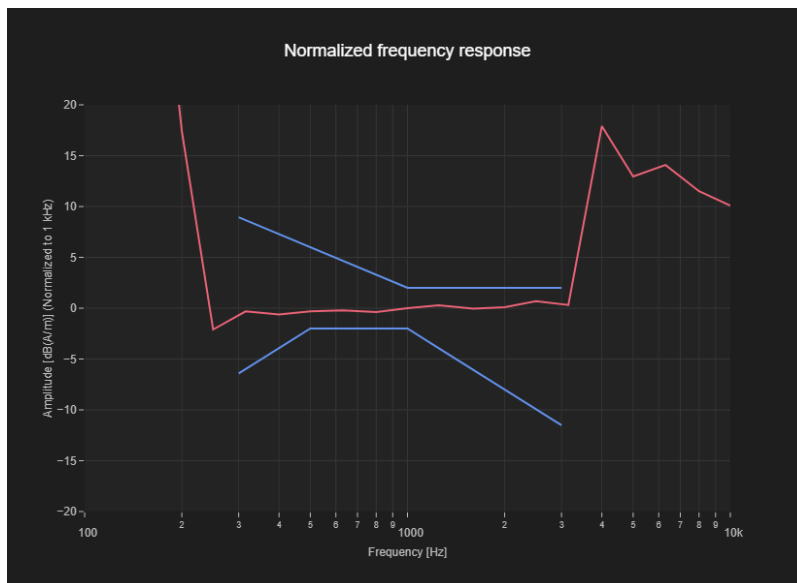
|           |                                       |         |                 |
|-----------|---------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name            | Channel | Frequency [MHz] |
| Band 12   | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | 23095   | 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

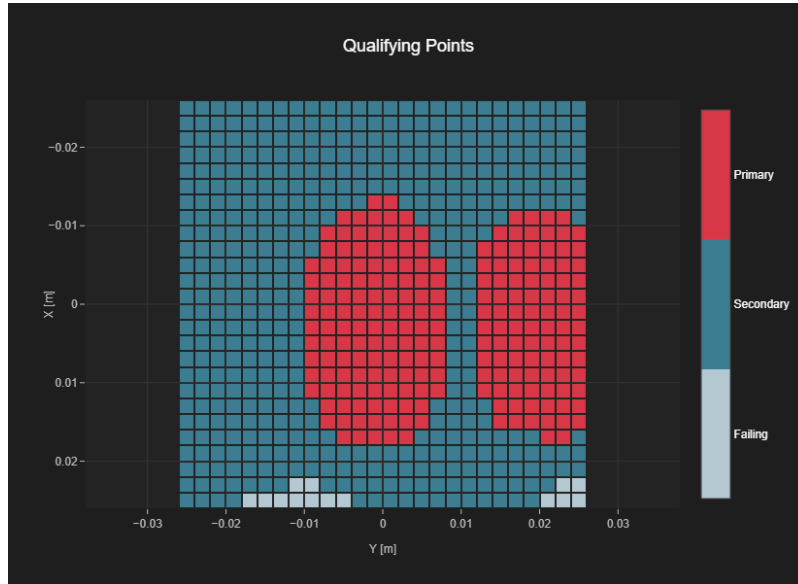
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 1.32                    | 1.62                    |



# Plot No.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 |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 215                                  | 662                         | 26                               | 26                             |



# Plot No.06 T-Coil Signal Test Report

Measurement performed on April 06, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

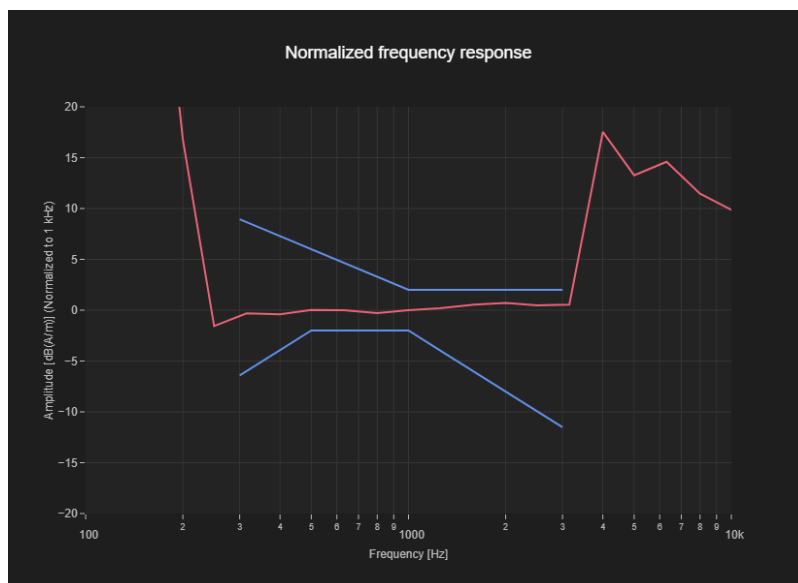
|           |                                       |         |                 |
|-----------|---------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name            | Channel | Frequency [MHz] |
| Band 13   | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | 23230   | 782.0           |

## 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

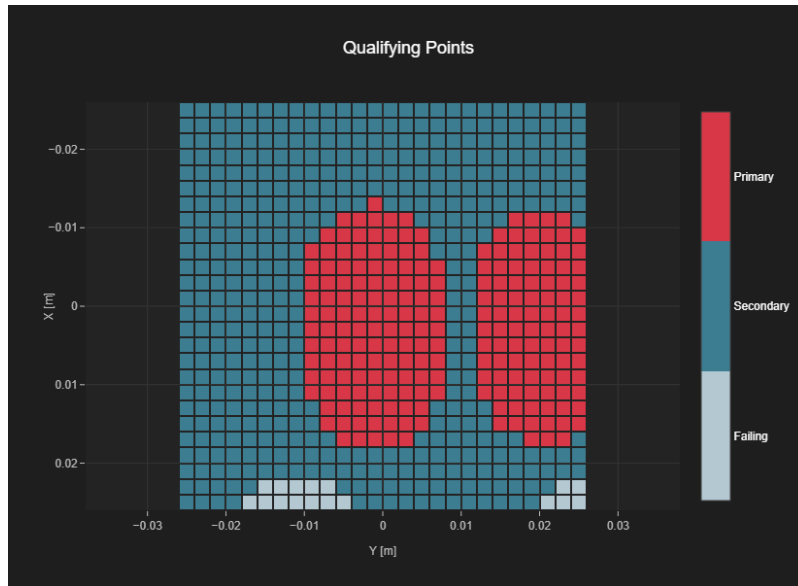
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 1.28                    | 1.71                    |



# Plot No.06 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 216                                  | 659                         | 26                               | 26                             |



# Plot No.07 T-Coil Signal Test Report

Measurement performed on April 06, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

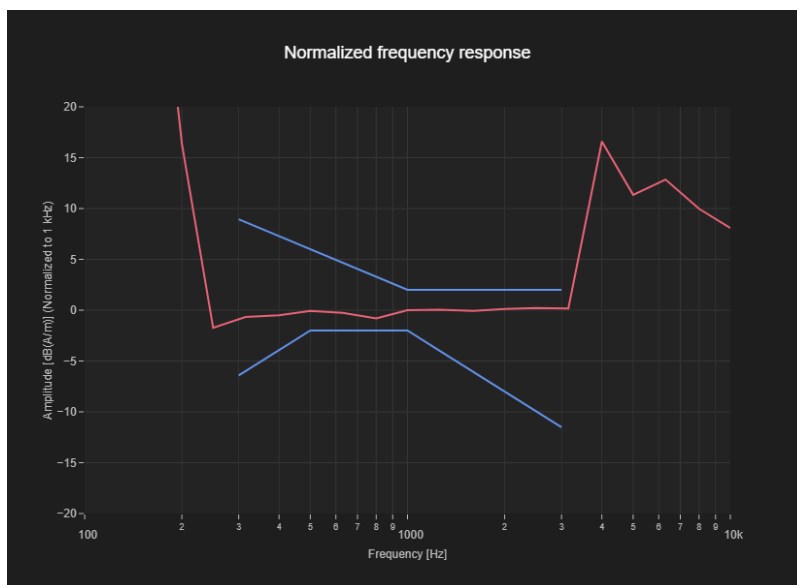
|           |                                       |         |                 |
|-----------|---------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name            | Channel | Frequency [MHz] |
| Band 14   | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | 23330   | 793.0           |

## 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

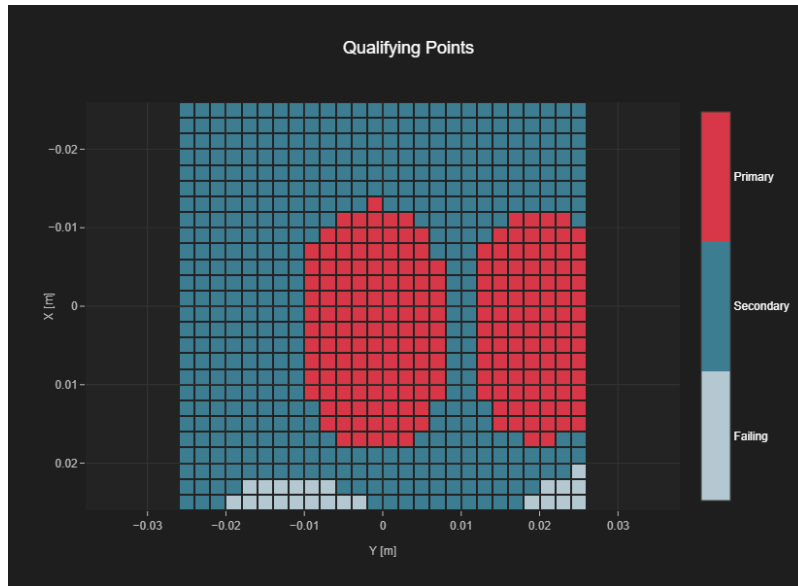
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 1.77                    | 1.2                     |



# Plot No.07 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 215                                  | 653                         | 26                               | 26                             |



# Plot No.08 T-Coil Signal Test Report

Measurement performed on April 18, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x 20.0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3104 | March 16, 2023         | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

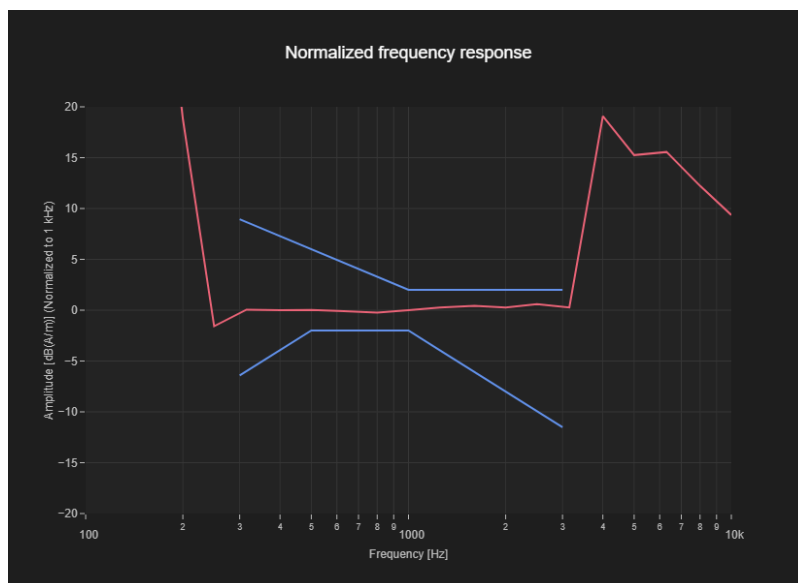
|           |                                       |         |                 |
|-----------|---------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name            | Channel | Frequency [MHz] |
| Band 25   | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 26340   | 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

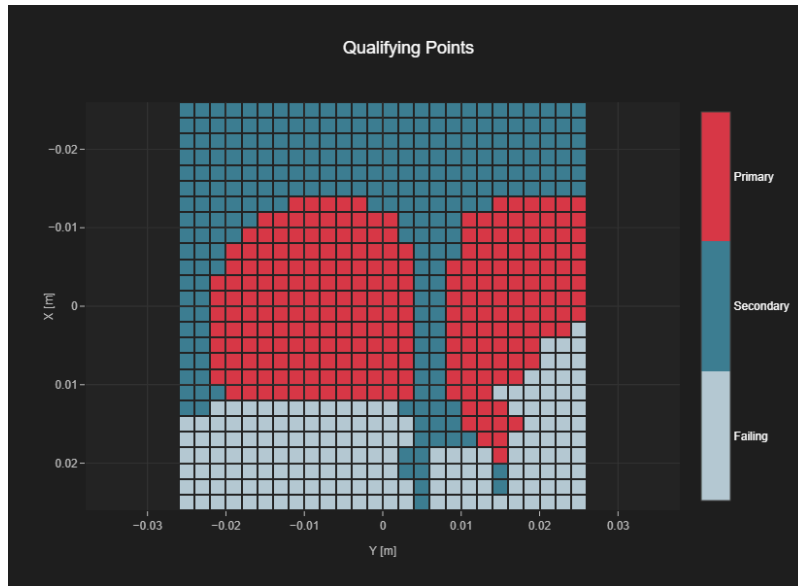
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 1.42                    | 1.75                    |



# Plot No.08 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 255                                  | 508                         | 26                               | 26                             |





# Plot No.09 T-Coil Signal Test Report

Measurement performed on April 06, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

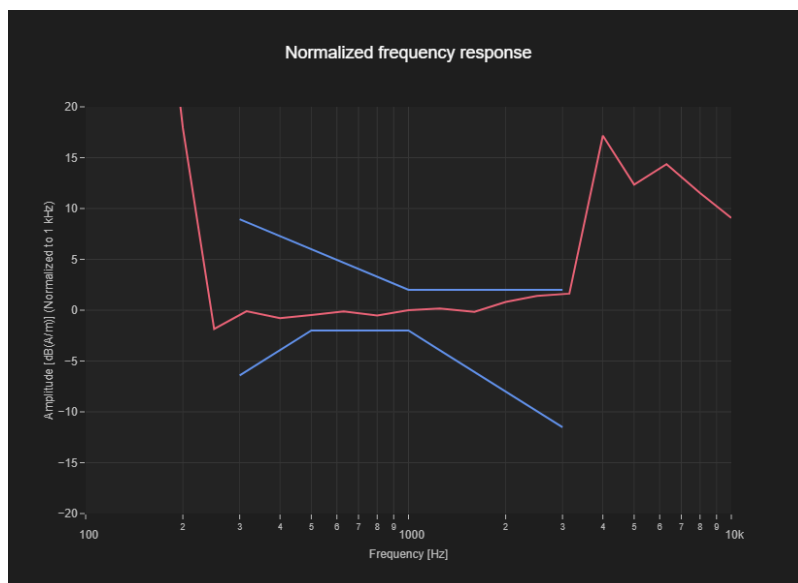
|           |                                       |         |                 |
|-----------|---------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name            | Channel | Frequency [MHz] |
| Band 26   | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) | 26865   | 831.5           |

## 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

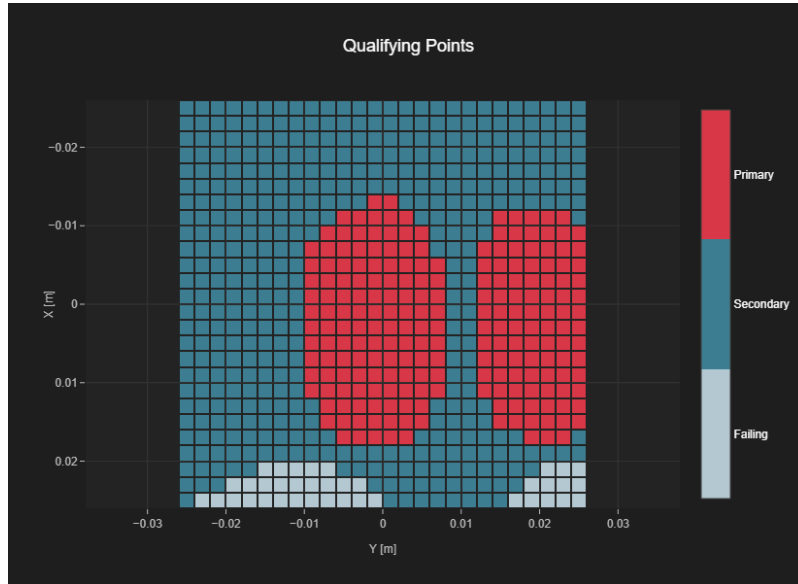
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 0.43                    | 1.48                    |



# Plot No.09 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 218                                  | 638                         | 26                               | 26                             |



# Plot No.10 T-Coil Signal Test Report

Measurement performed on April 06, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

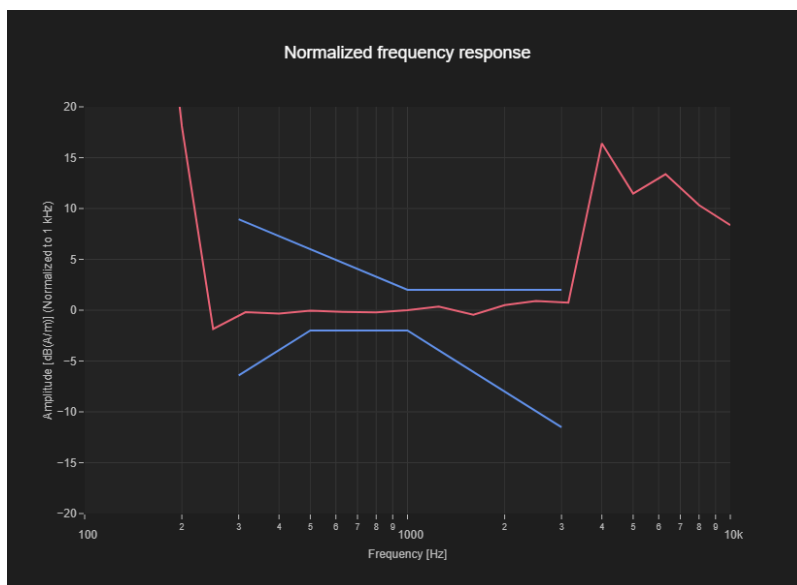
|           |                                       |         |                 |
|-----------|---------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name            | Channel | Frequency [MHz] |
| Band 30   | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | 27710   | 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

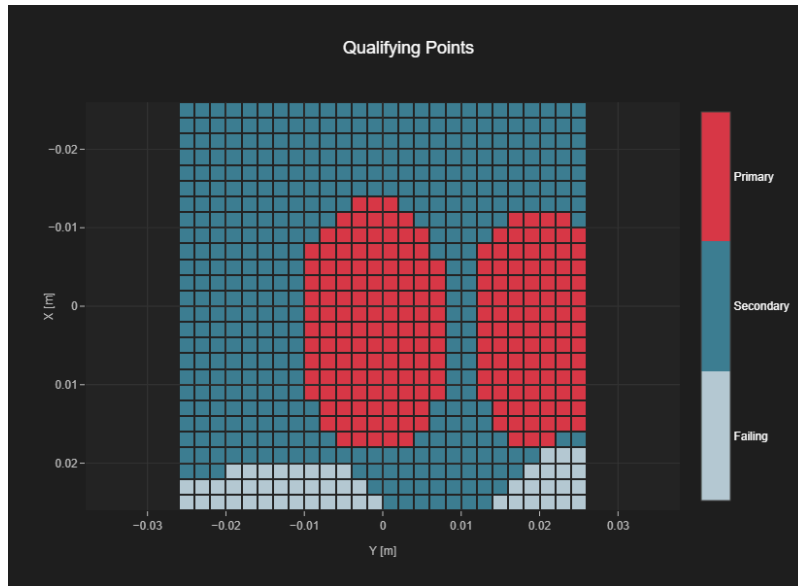
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 1.09                    | 1.78                    |



# Plot No.10 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 218                                  | 625                         | 26                               | 26                             |



# Plot No.11 T-Coil Signal Test Report

Measurement performed on April 03, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

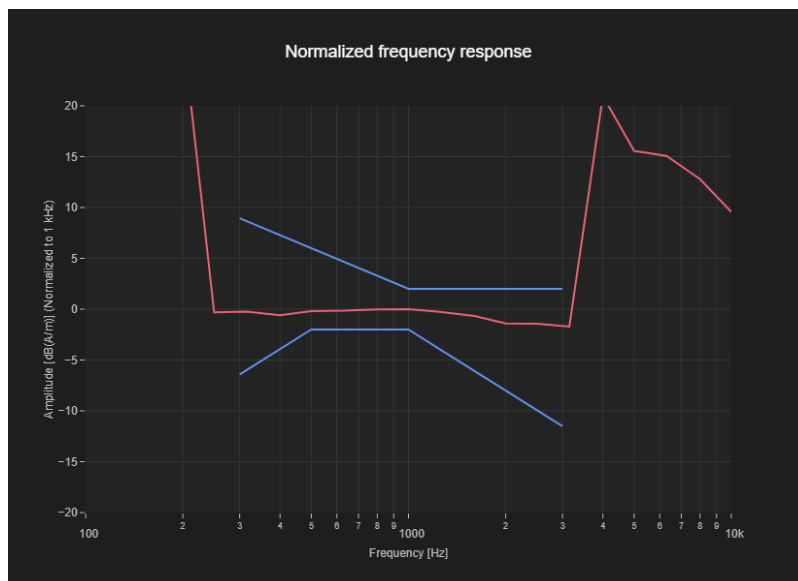
|           |                                       |         |                 |
|-----------|---------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name            | Channel | Frequency [MHz] |
| Band 41   | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 40620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

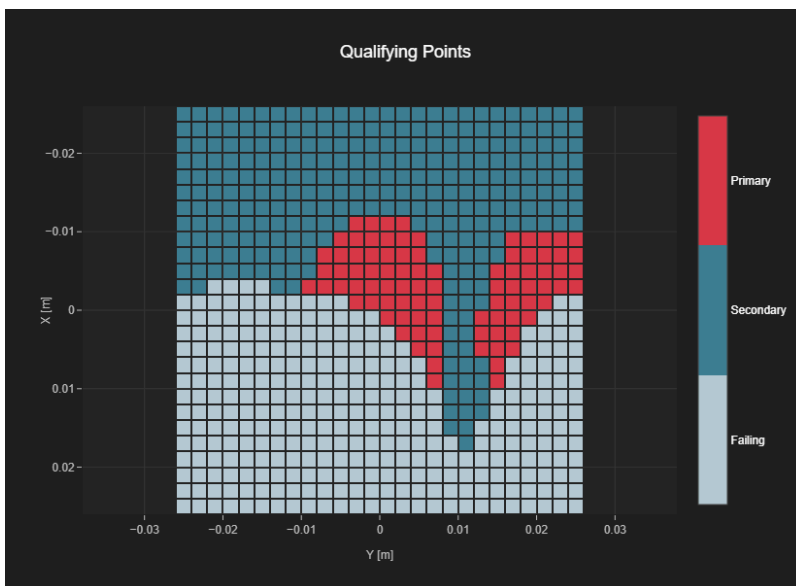
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 2.0                     | 1.82                    |



# Plot No.11 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 89                                   | 365                         | 22                               | 26                             |



# Plot No.12 T-Coil Signal Test Report

Measurement performed on April 18, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x 20.0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3104 | March 16, 2023         | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

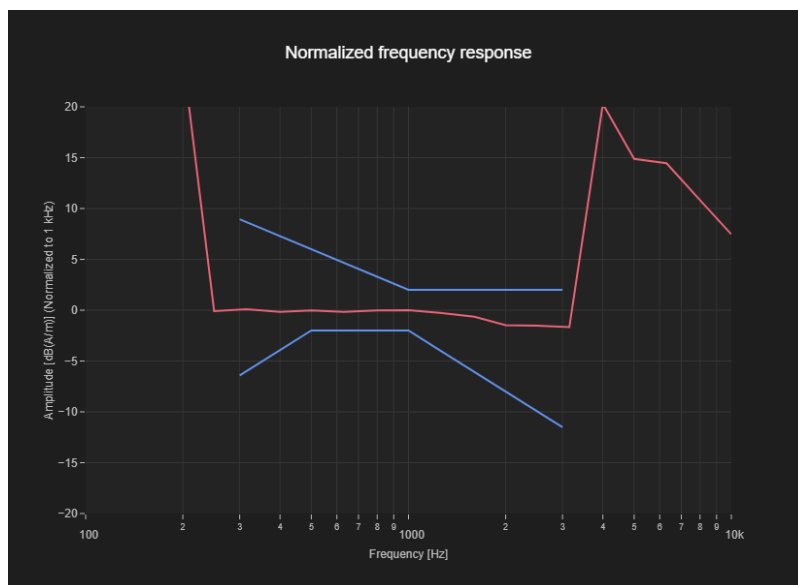
|           |                                       |         |                 |
|-----------|---------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name            | Channel | Frequency [MHz] |
| Band 41   | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 40620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

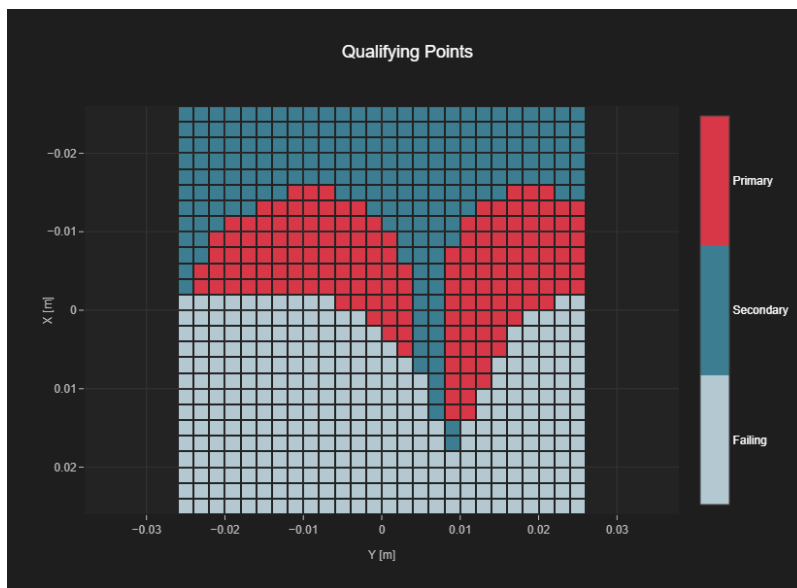
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 2.0                     | 1.84                    |



# Plot No.12 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 166                                  | 368                         | 22                               | 26                             |





# Plot No.13 T-Coil Signal Test Report

Measurement performed on April 18, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x 20.0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3104 | March 16, 2023         | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

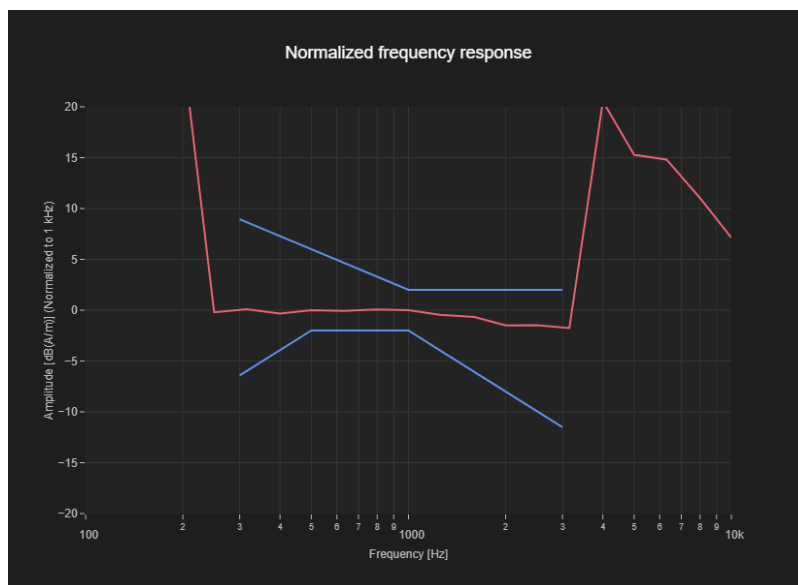
|           |                                       |         |                 |
|-----------|---------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name            | Channel | Frequency [MHz] |
| Band 41   | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 40620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

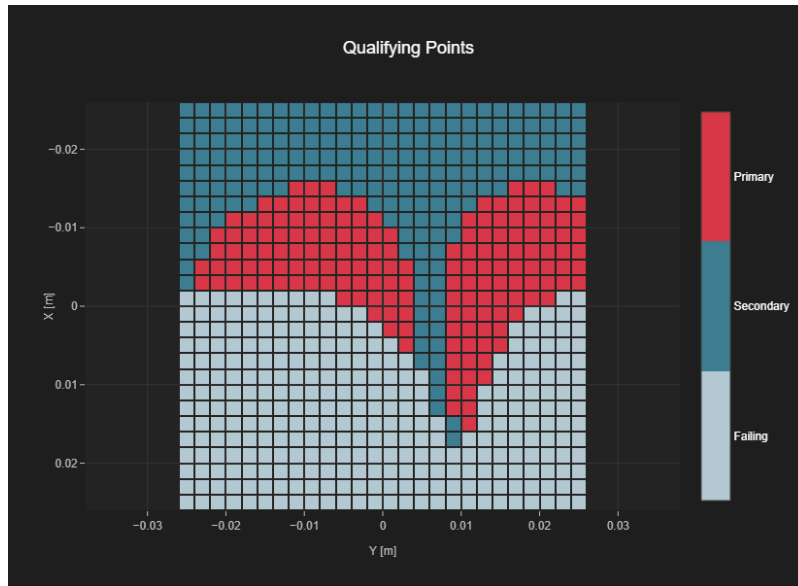
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 2.0                     | 1.94                    |



# Plot No.13 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 167                                  | 369                         | 22                               | 26                             |



# Plot No.14 T-Coil Signal Test Report

Measurement performed on April 25, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x 20.0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3104 | March 16, 2023         | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

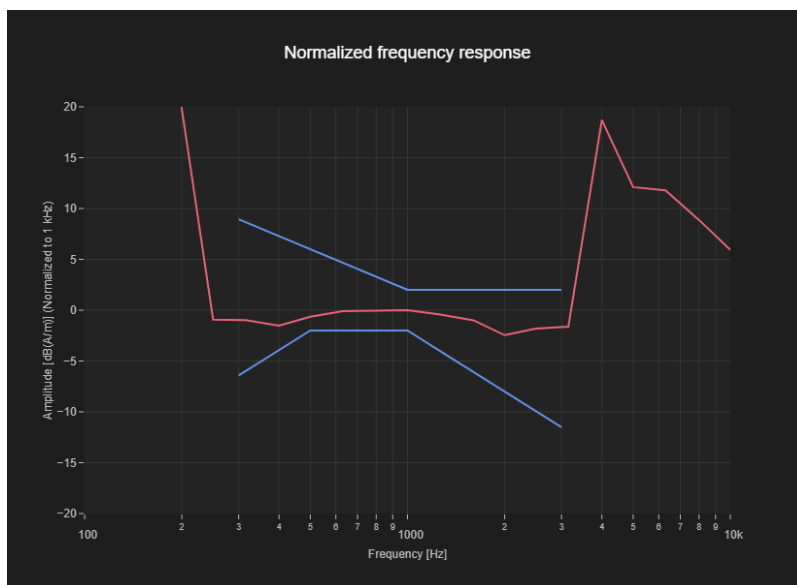
|           |                                       |         |                 |
|-----------|---------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name            | Channel | Frequency [MHz] |
| Band 41   | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 40620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

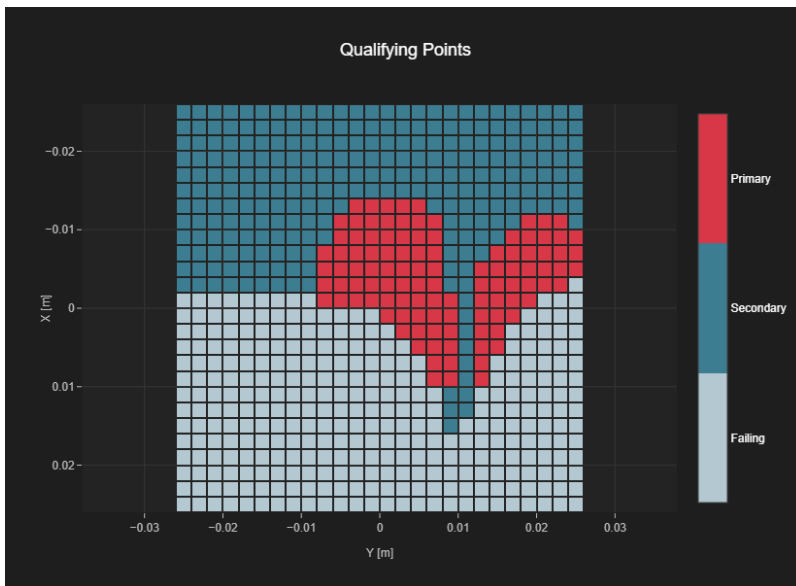
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 2.0                     | 1.35                    |



# Plot No.14 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 108                                  | 360                         | 21                               | 26                             |



# Plot No.15 T-Coil Signal Test Report

Measurement performed on April 25, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x 20.0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3104 | March 16, 2023         | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

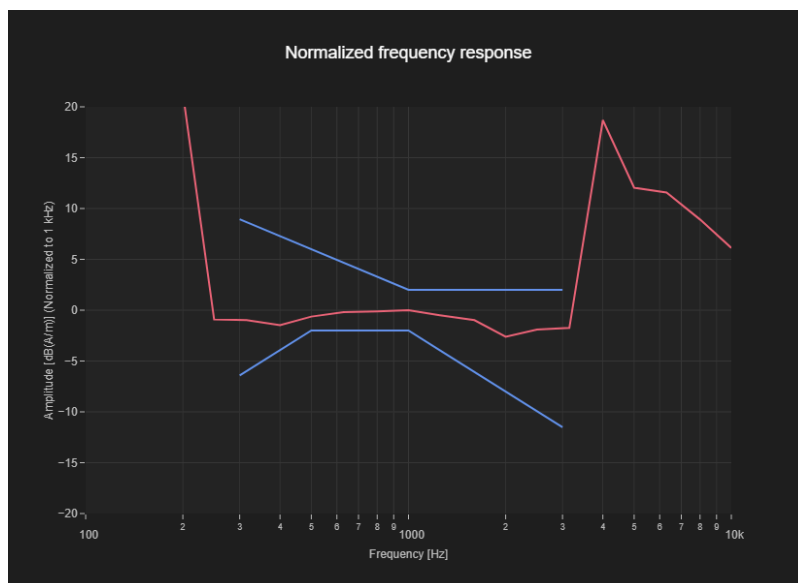
|           |                                       |         |                 |
|-----------|---------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name            | Channel | Frequency [MHz] |
| Band 41   | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 40620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

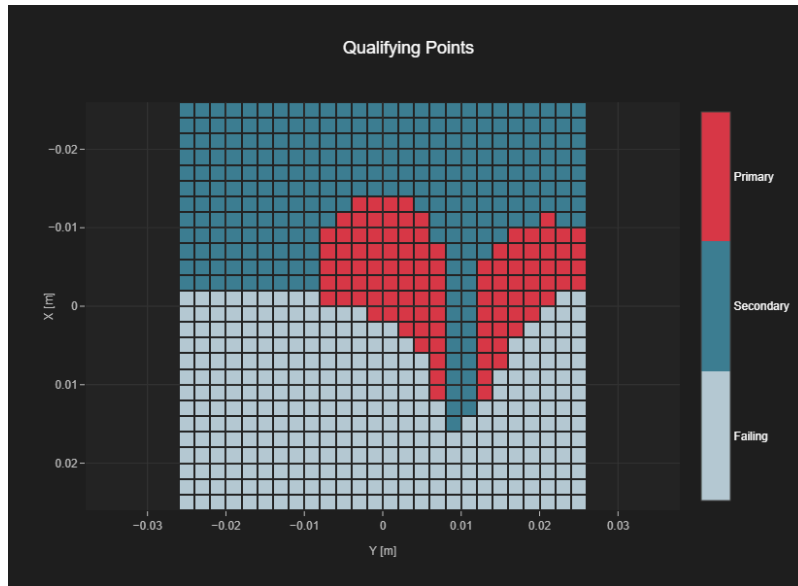
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 2.0                     | 1.37                    |



# Plot No.15 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 106                                  | 368                         | 21                               | 26                             |



# Plot No.16 T-Coil Signal Test Report

Measurement performed on April 08, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

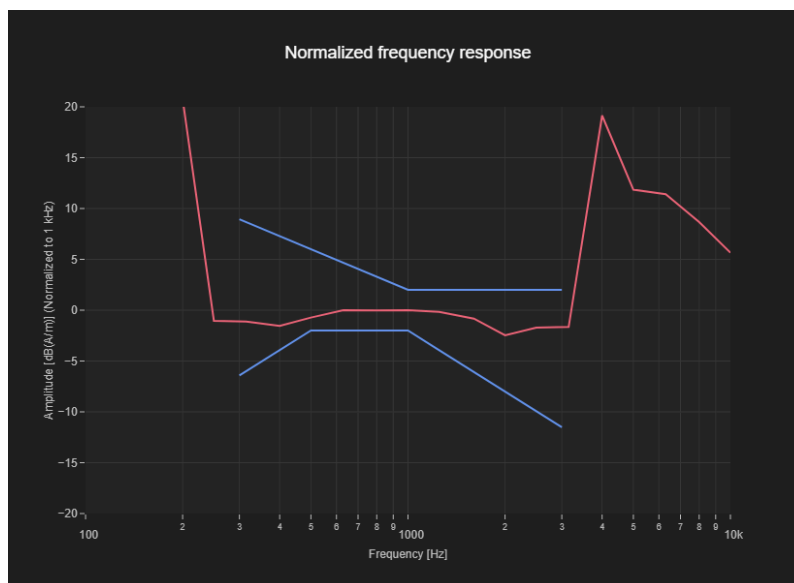
|           |                                       |         |                 |
|-----------|---------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name            | Channel | Frequency [MHz] |
| Band 48   | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 55990   | 3625.0          |

## 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

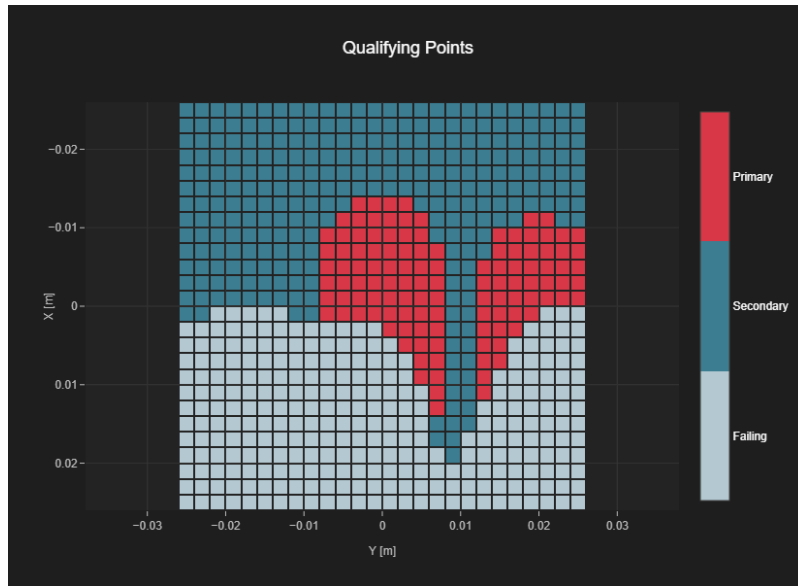
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 2.0                     | 1.27                    |



# Plot No.16 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 118                                  | 396                         | 23                               | 26                             |





# Plot No.17 T-Coil Signal Test Report

Measurement performed on April 06, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

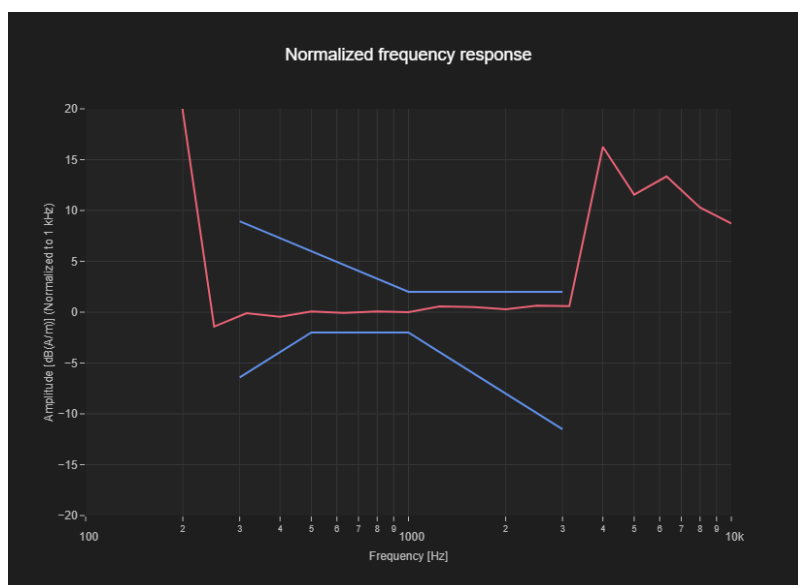
|           |                                       |         |                 |
|-----------|---------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name            | Channel | Frequency [MHz] |
| Band 66   | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 132322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

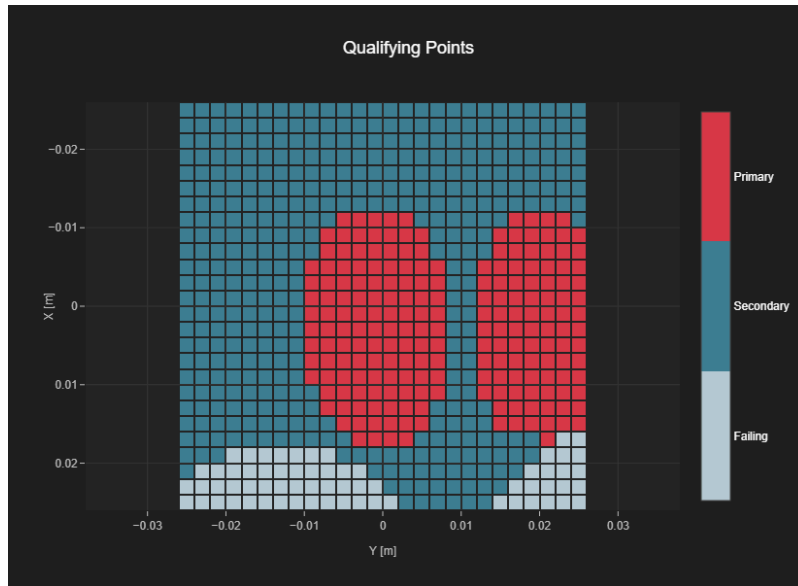
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 1.35                    | 1.93                    |



# Plot No.17 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 208                                  | 611                         | 26                               | 26                             |



# Plot No.18 T-Coil Signal Test Report

Measurement performed on April 06, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

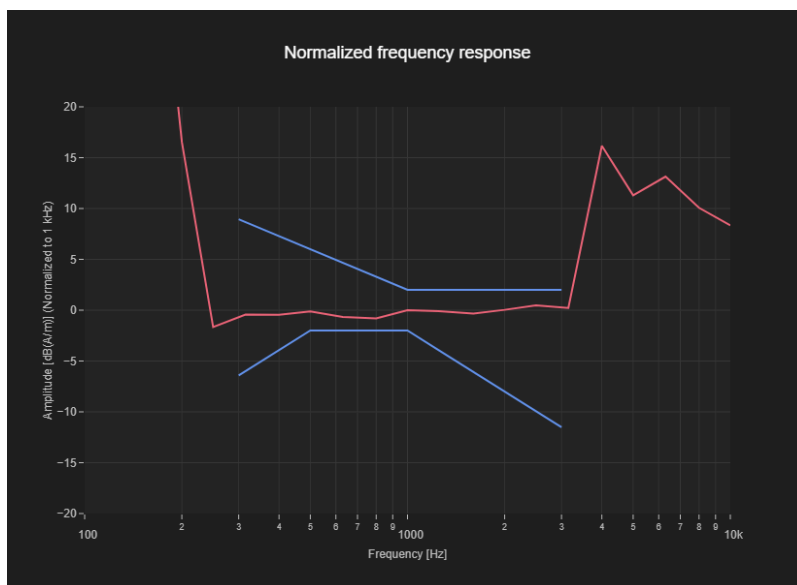
|           |                                       |         |                 |
|-----------|---------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name            | Channel | Frequency [MHz] |
| Band 71   | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 133297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

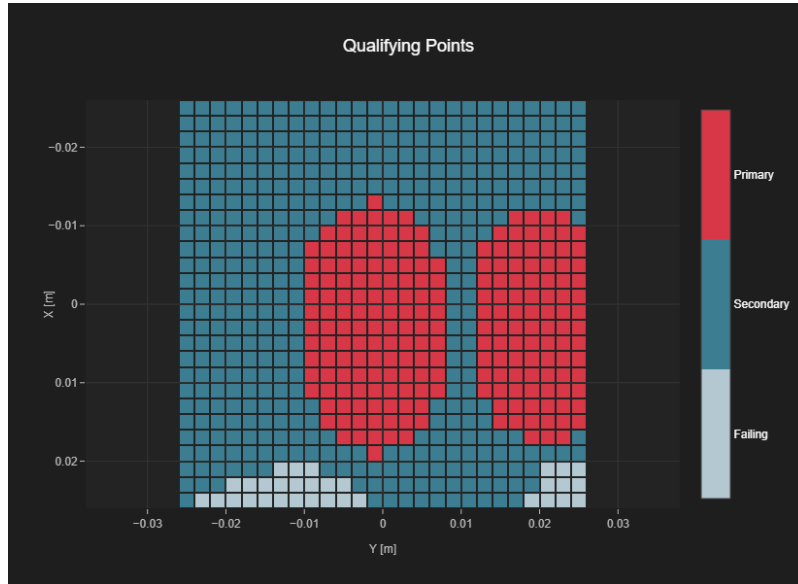
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 1.52                    | 1.2                     |



# Plot No.18 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 217                                  | 644                         | 26                               | 26                             |



# Plot No.19 T-Coil Signal Test Report

Measurement performed on April 10, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

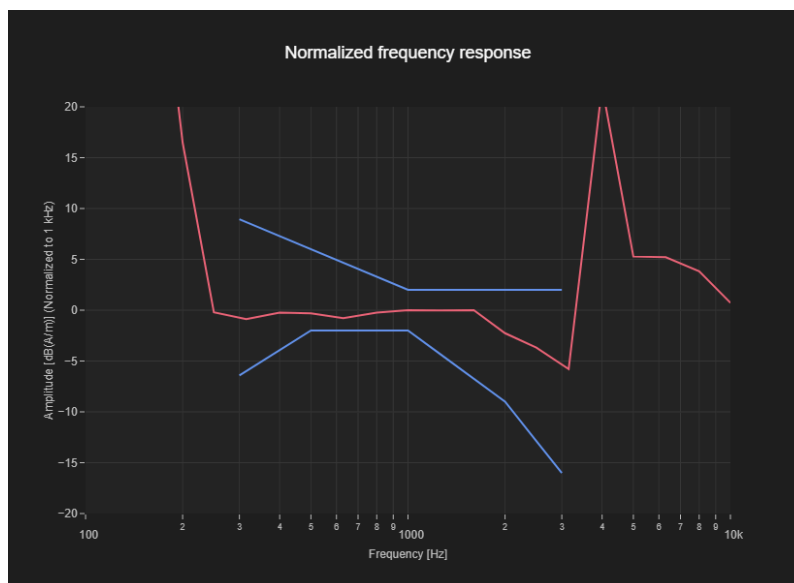
|           |                                                |         |                 |
|-----------|------------------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name                     | Channel | Frequency [MHz] |
| Band n7   | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, BPSK, 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

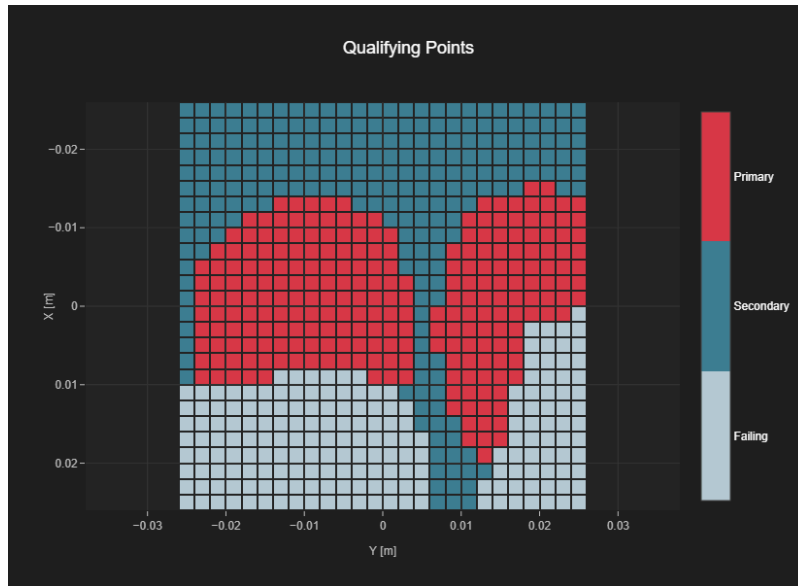
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 2.0                     | 1.22                    |



# Plot No.19 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 249                                  | 483                         | 26                               | 26                             |



# Plot No.20 T-Coil Signal Test Report

Measurement performed on April 04, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

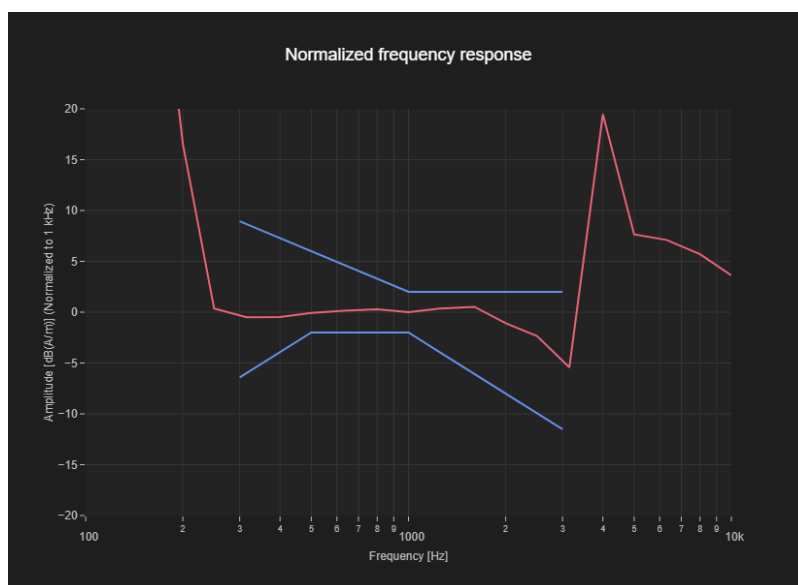
|           |                                                |         |                 |
|-----------|------------------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name                     | Channel | Frequency [MHz] |
| Band n12  | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, BPSK, 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

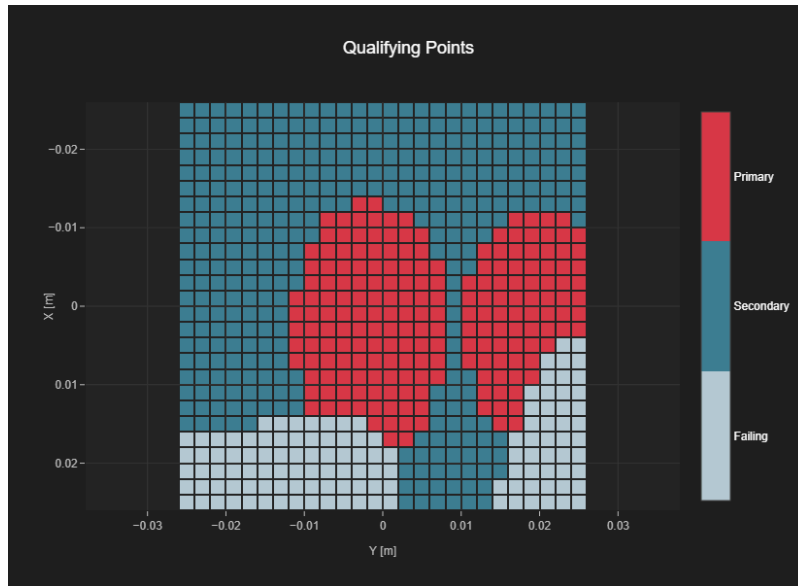
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 1.47                    | 1.92                    |



# Plot No.20 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 201                                  | 553                         | 26                               | 26                             |





# Plot No.21 T-Coil Signal Test Report

Measurement performed on April 04, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

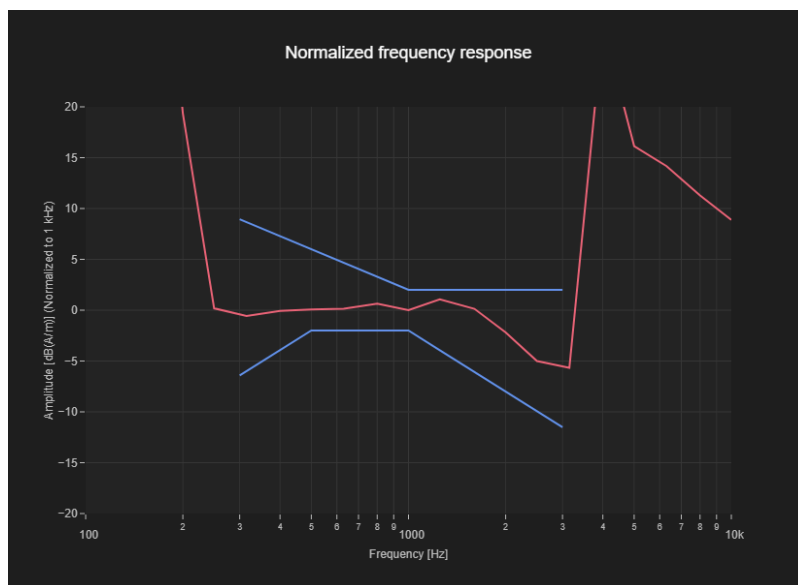
|           |                                                |         |                 |
|-----------|------------------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name                     | Channel | Frequency [MHz] |
| Band n14  | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, BPSK, 15 kHz) | 158600  | 793.0           |

## 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

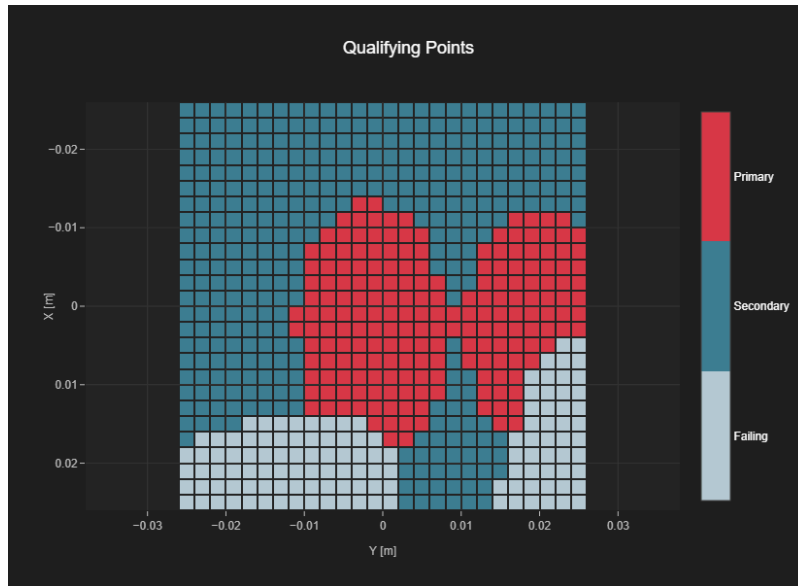
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 0.94                    | 2.0                     |



# Plot No.21 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 197                                  | 552                         | 26                               | 26                             |



# Plot No.22 T-Coil Signal Test Report

Measurement performed on April 04, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

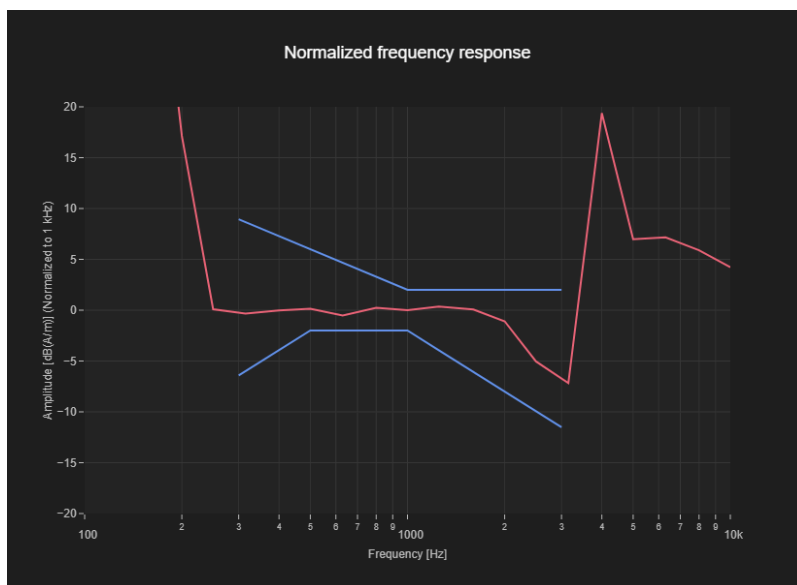
|           |                                                |         |                 |
|-----------|------------------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name                     | Channel | Frequency [MHz] |
| Band n25  | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, BPSK, 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

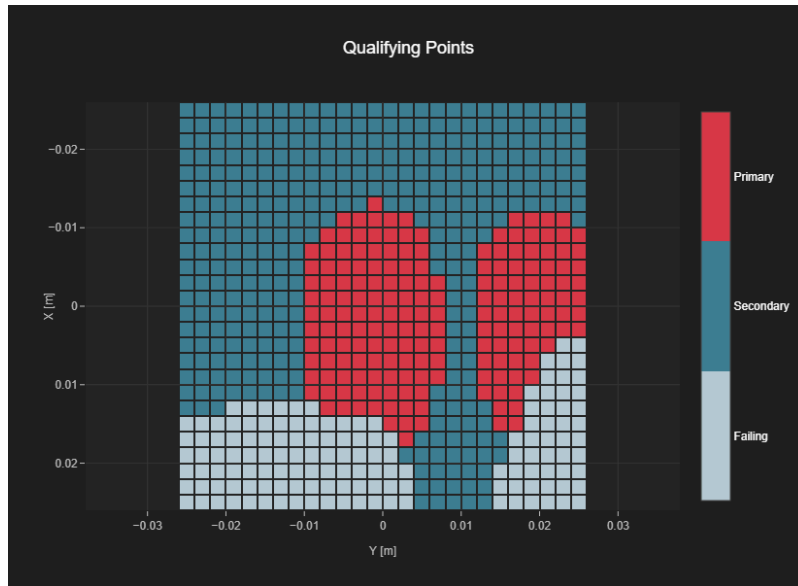
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 1.63                    | 1.48                    |



# Plot No.22 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 183                                  | 536                         | 26                               | 26                             |



# Plot No.23 T-Coil Signal Test Report

Measurement performed on April 04, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

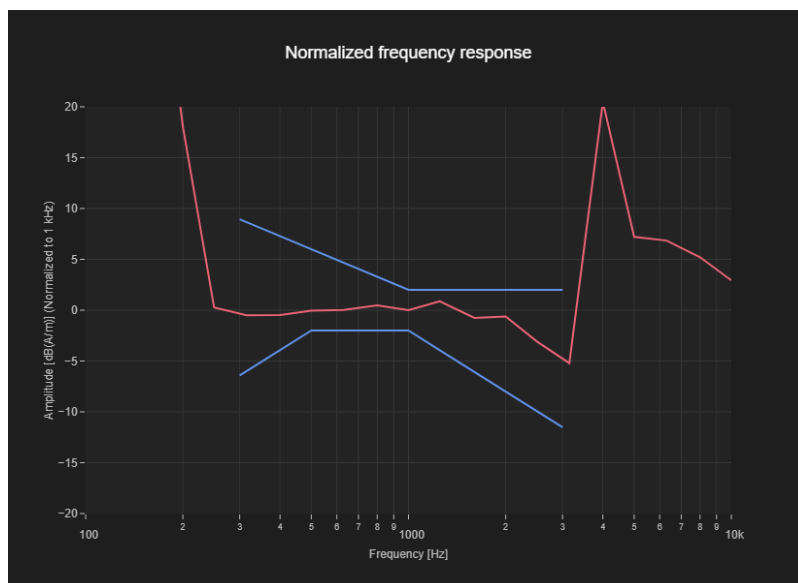
|           |                                                |         |                 |
|-----------|------------------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name                     | Channel | Frequency [MHz] |
| Band n26  | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, BPSK, 15 kHz) | 166300  | 831.5           |

## 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

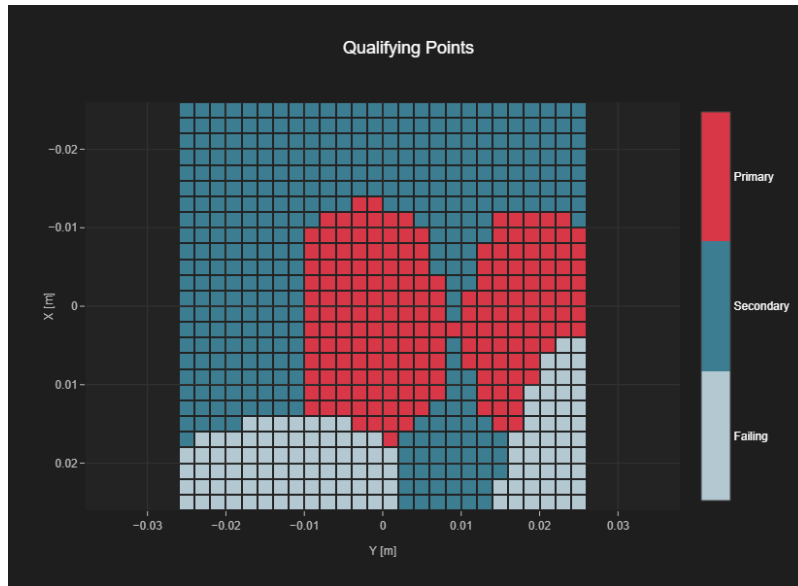
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 1.12                    | 1.96                    |



# Plot No.23 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 197                                  | 554                         | 26                               | 26                             |



# Plot No.24 T-Coil Signal Test Report

Measurement performed on April 10, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

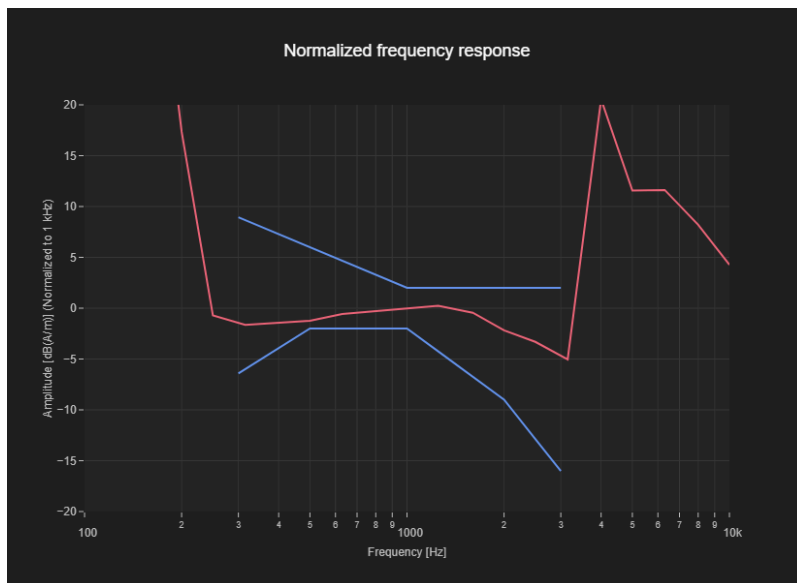
|           |                                                 |         |                 |
|-----------|-------------------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name                      | Channel | Frequency [MHz] |
| Band n41  | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, BPSK, 30 kHz) | 518598  | 2592.99         |

## 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

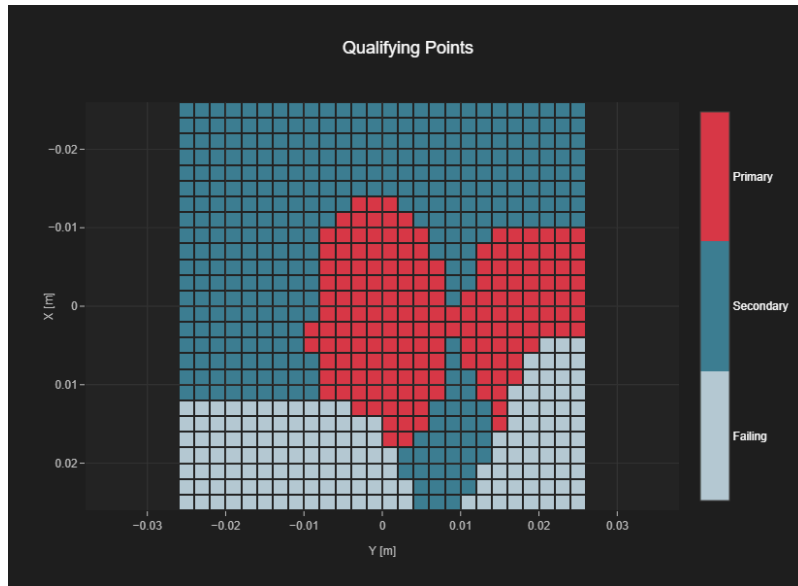
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 1.76                    | 0.77                    |



# Plot No.24 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 175                                  | 521                         | 26                               | 26                             |





# Plot No.25 T-Coil Signal Test Report

Measurement performed on April 04, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

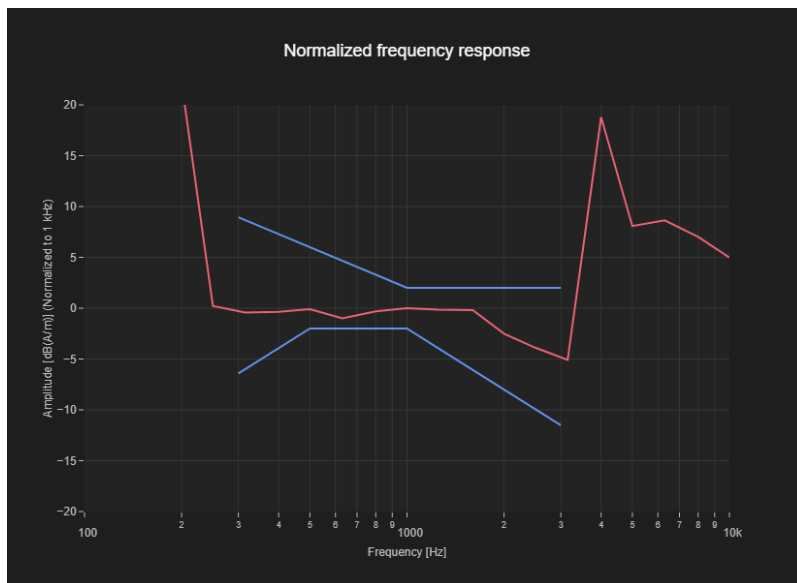
|           |                                                |         |                 |
|-----------|------------------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name                     | Channel | Frequency [MHz] |
| Band n48  | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, BPSK, 30 kHz) | 641666  | 3624.985        |

## 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

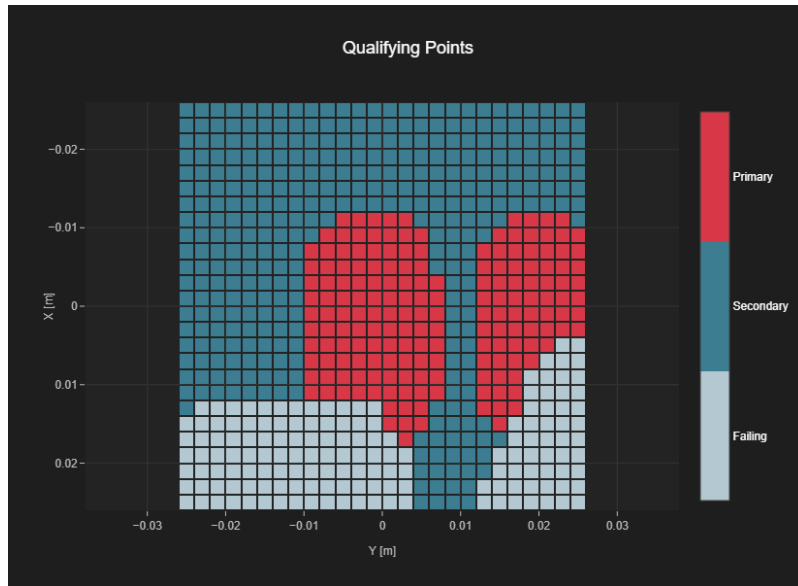
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 2.0                     | 1.0                     |



# Plot No.25 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 178                                  | 524                         | 26                               | 26                             |



# Plot No.26 T-Coil Signal Test Report

Measurement performed on April 10, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

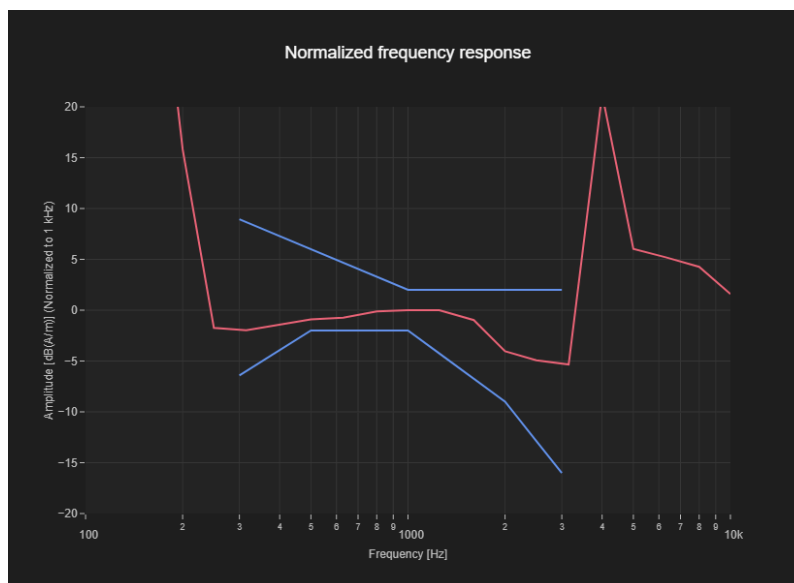
|           |                                                |         |                 |
|-----------|------------------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name                     | Channel | Frequency [MHz] |
| Band n66  | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, BPSK, 15 kHz) | 349000  | 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

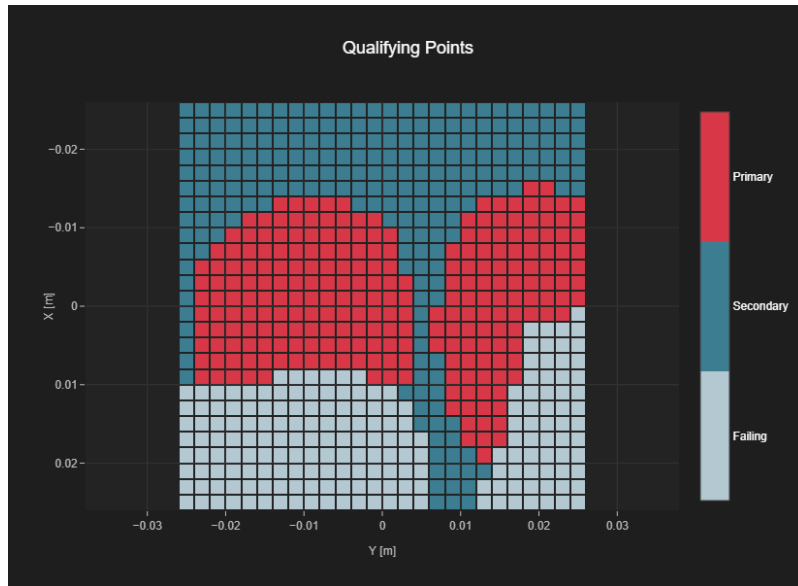
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 2.0                     | 1.09                    |



# Plot No.26 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 249                                  | 483                         | 26                               | 26                             |



# Plot No.27 T-Coil Signal Test Report

Measurement performed on April 10, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

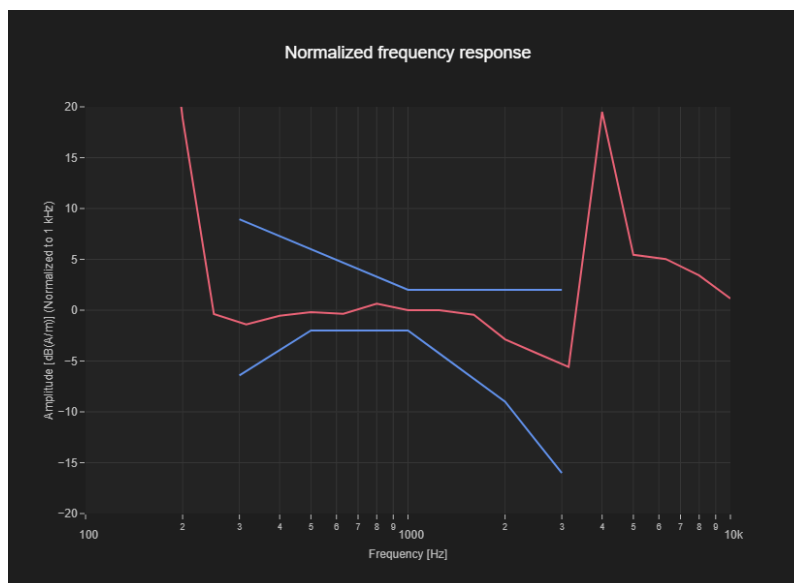
|           |                                                |         |                 |
|-----------|------------------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name                     | Channel | Frequency [MHz] |
| Band n71  | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, BPSK, 15 kHz) | 136100  | 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

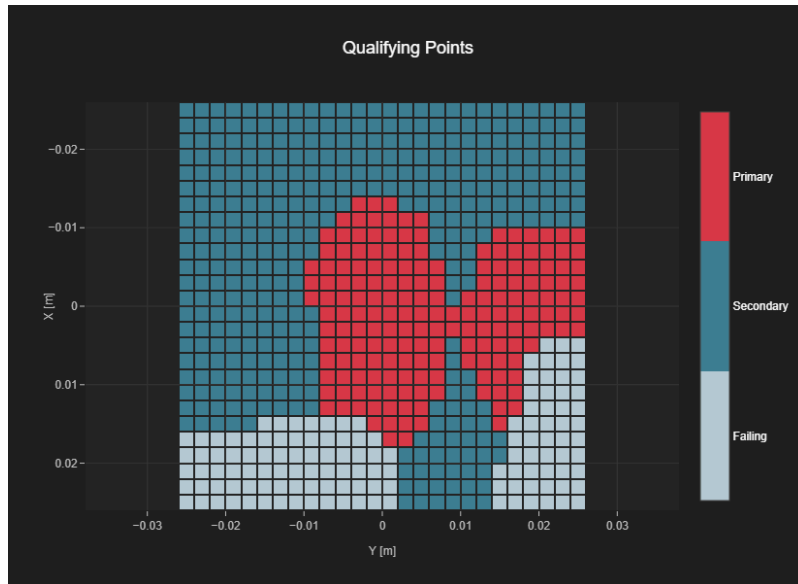
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 2.0                     | 1.64                    |



# Plot No.27 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 182                                  | 548                         | 26                               | 26                             |



# Plot No.28 T-Coil Signal Test Report

Measurement performed on April 10, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

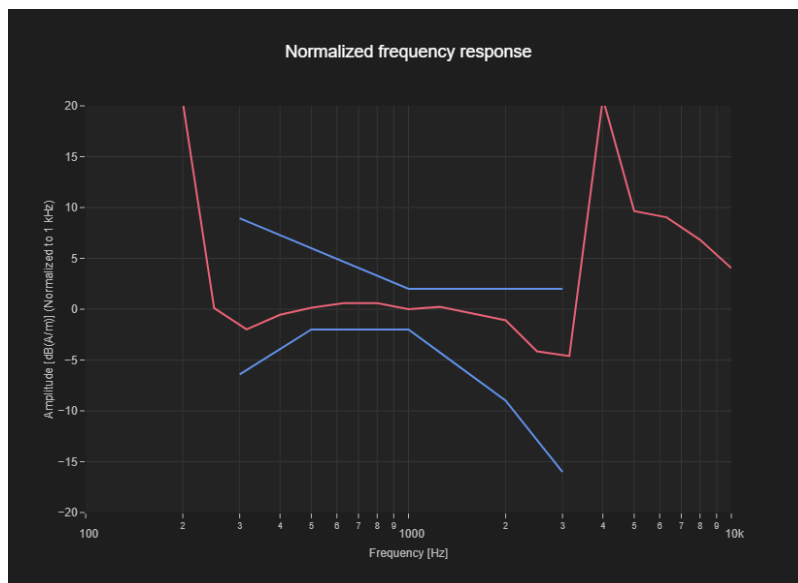
|           |                                                 |         |                 |
|-----------|-------------------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name                      | Channel | Frequency [MHz] |
| Band n77  | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, BPSK, 30 kHz) | 656000  | 3840.0          |

## 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

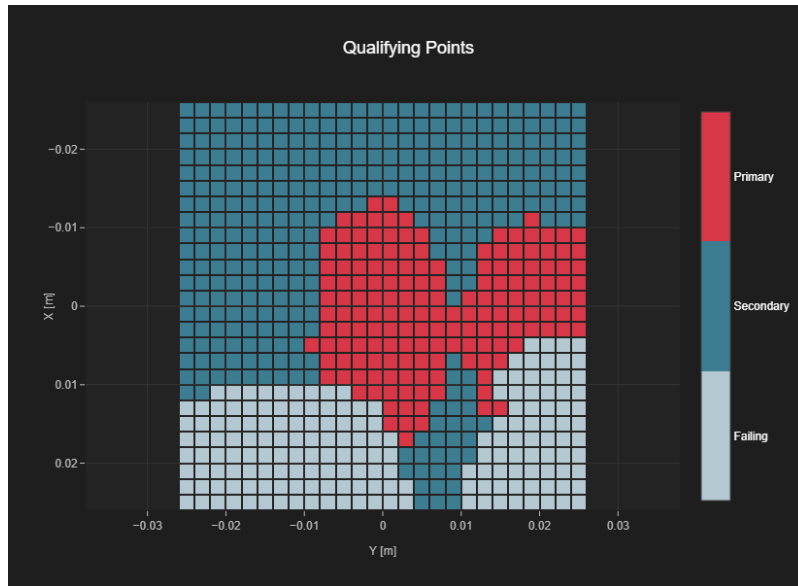
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 1.77                    | 2.0                     |



# Plot No.28 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 165                                  | 499                         | 26                               | 26                             |





# Plot No.29 T-Coil Signal Test Report

Measurement performed on March 27, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

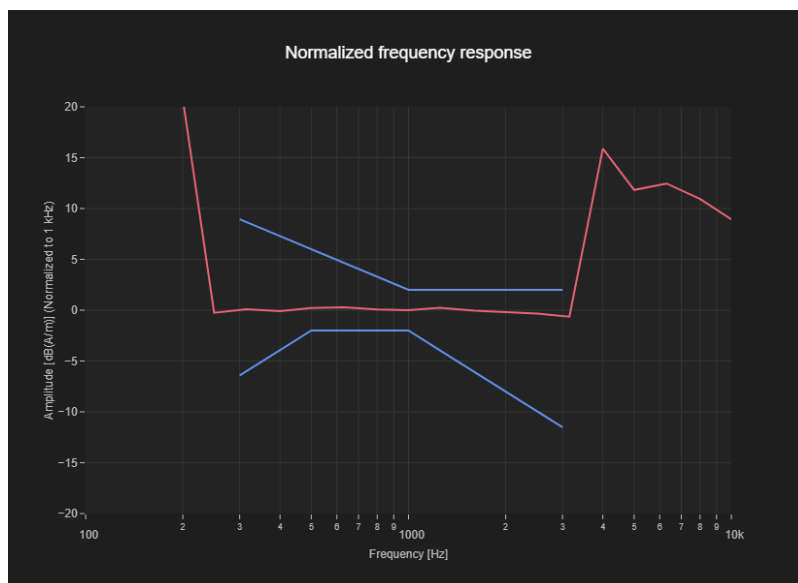
|             |                                          |         |                 |
|-------------|------------------------------------------|---------|-----------------|
| Band Name   | Communication Systems Name               | Channel | Frequency [MHz] |
| WLAN 2.4GHz | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) | 6       | 2437.0          |

## 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

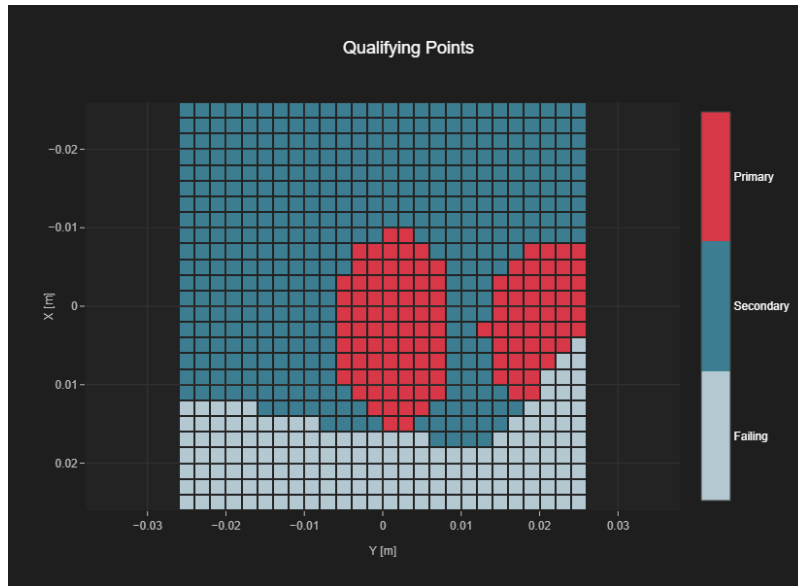
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 1.76                    | 2.0                     |



# Plot No.29 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 122                                  | 518                         | 22                               | 26                             |



# Plot No.30 T-Coil Signal Test Report

Measurement performed on April 07, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

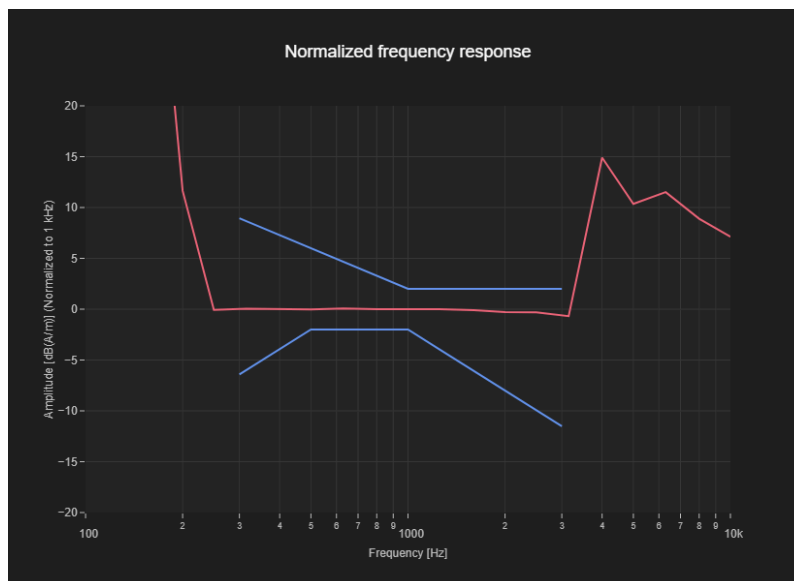
|           |                                                           |         |                 |
|-----------|-----------------------------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name                                | Channel | Frequency [MHz] |
| WLAN 5GHz | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) | 40      | 5200.0          |

## 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

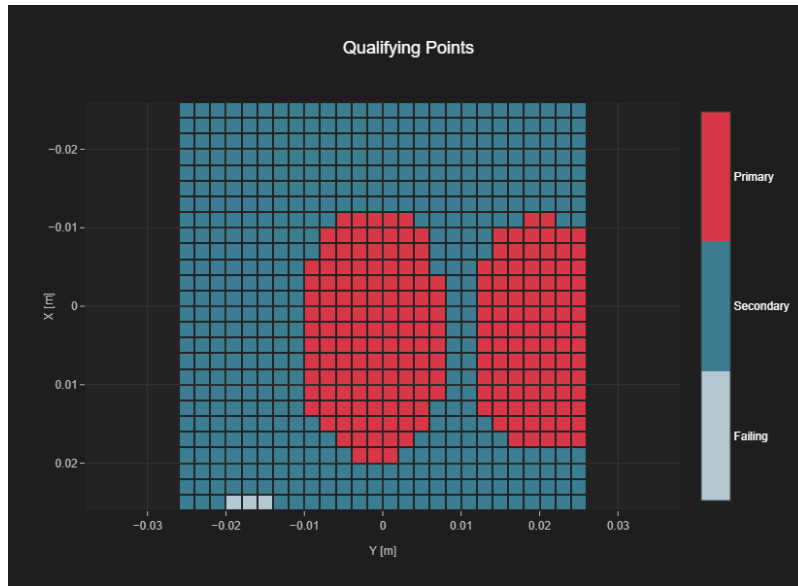
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 2.0                     | 1.98                    |



# Plot No.30 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 217                                  | 673                         | 26                               | 26                             |



# Plot No.31 T-Coil Signal Test Report

Measurement performed on April 07, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

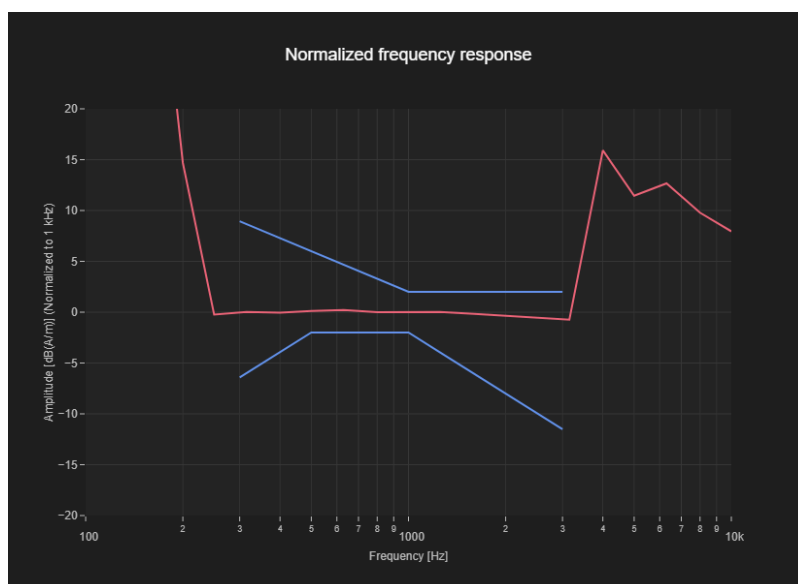
|           |                                                           |         |                 |
|-----------|-----------------------------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name                                | Channel | Frequency [MHz] |
| WLAN 5GHz | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) | 60      | 5300.0          |

## 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

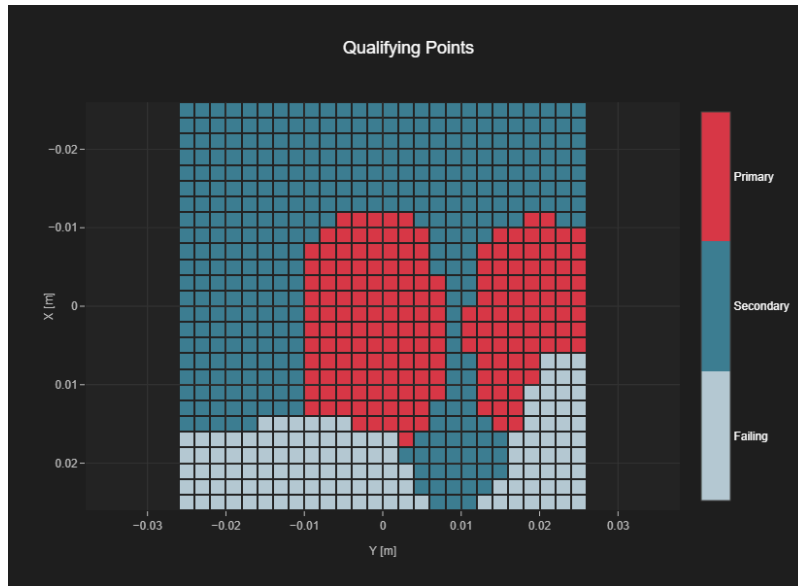
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 1.98                    | 2.0                     |



# Plot No.31 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 190                                  | 550                         | 26                               | 26                             |



# Plot No.32 T-Coil Signal Test Report

Measurement performed on April 07, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

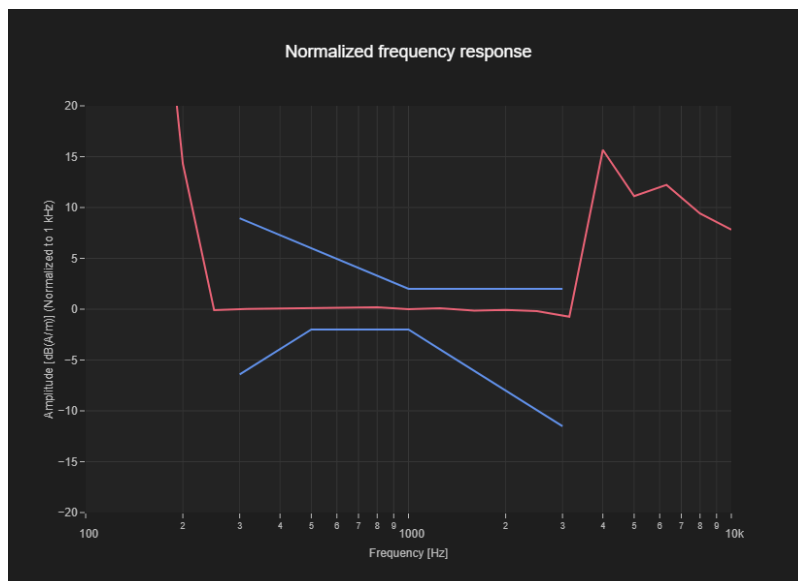
|           |                                                           |         |                 |
|-----------|-----------------------------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name                                | Channel | Frequency [MHz] |
| WLAN 5GHz | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) | 116     | 5580.0          |

## 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

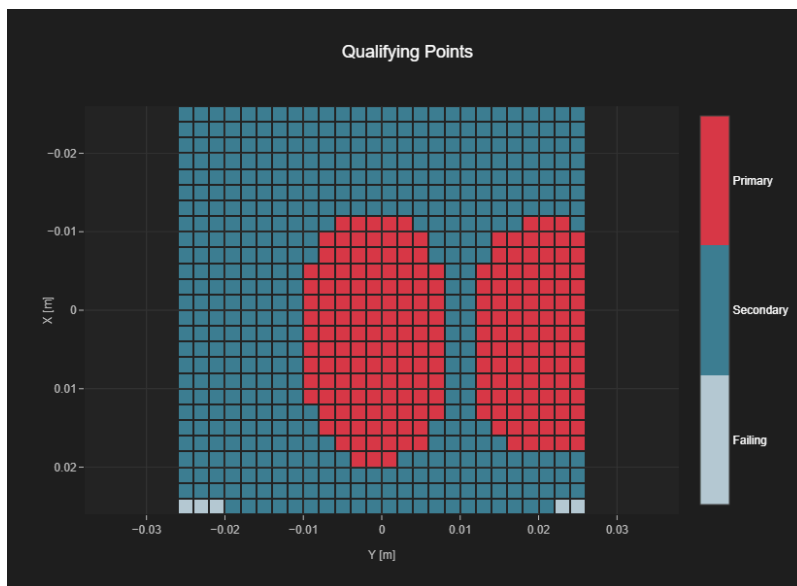
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 1.9                     | 2.0                     |



# Plot No.32 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 220                                  | 671                         | 26                               | 26                             |





# Plot No.33 T-Coil Signal Test Report

Measurement performed on April 07, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

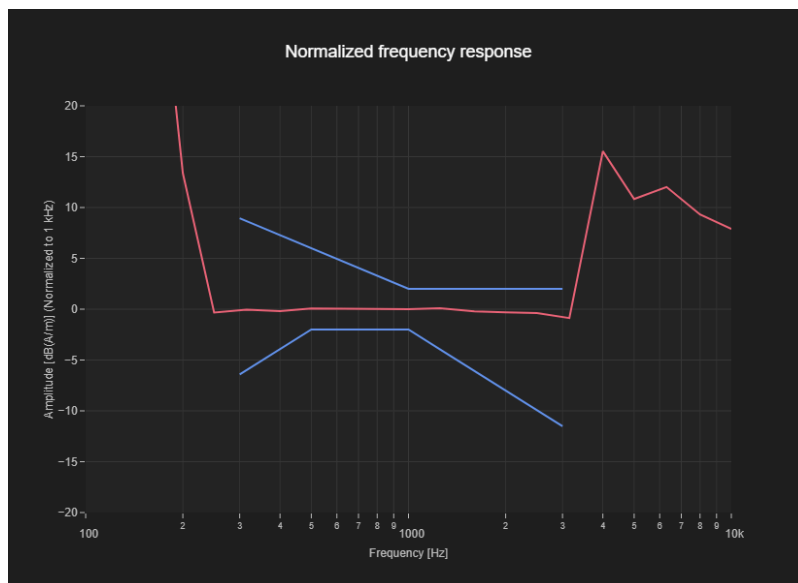
|           |                                                           |         |                 |
|-----------|-----------------------------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name                                | Channel | Frequency [MHz] |
| WLAN 5GHz | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) | 157     | 5785.0          |

## 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

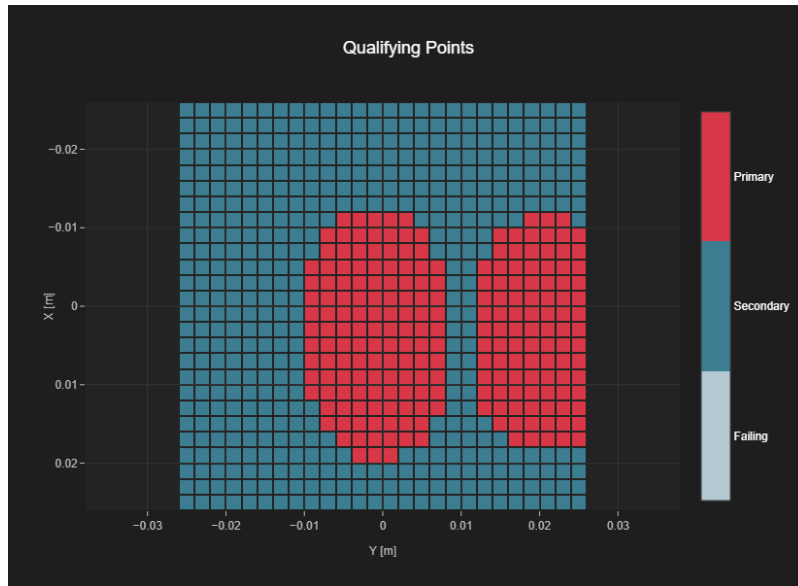
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 1.91                    | 2.0                     |



# Plot No.33 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 220                                  | 676                         | 26                               | 26                             |



# Plot No.34 T-Coil Signal Test Report

Measurement performed on April 10, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

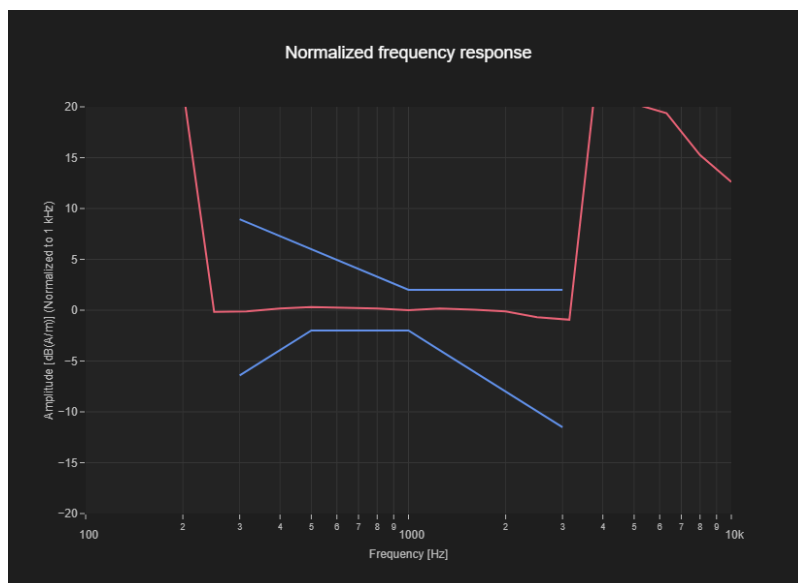
|           |                                              |         |                 |
|-----------|----------------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name                   | Channel | Frequency [MHz] |
| WLAN 5GHz | IEEE 802.11ax (20MHz, MCS0, 99pc duty cycle) | 7       | 5035.0          |

## 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

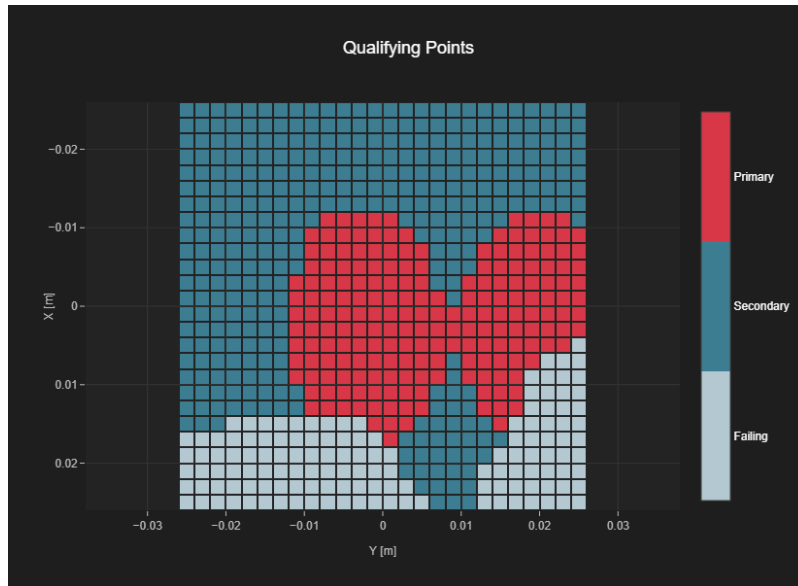
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 1.84                    | 2.0                     |



# Plot No.34 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 199                                  | 542                         | 26                               | 26                             |



# Plot No.35 T-Coil Signal Test Report

Measurement performed on April 09, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

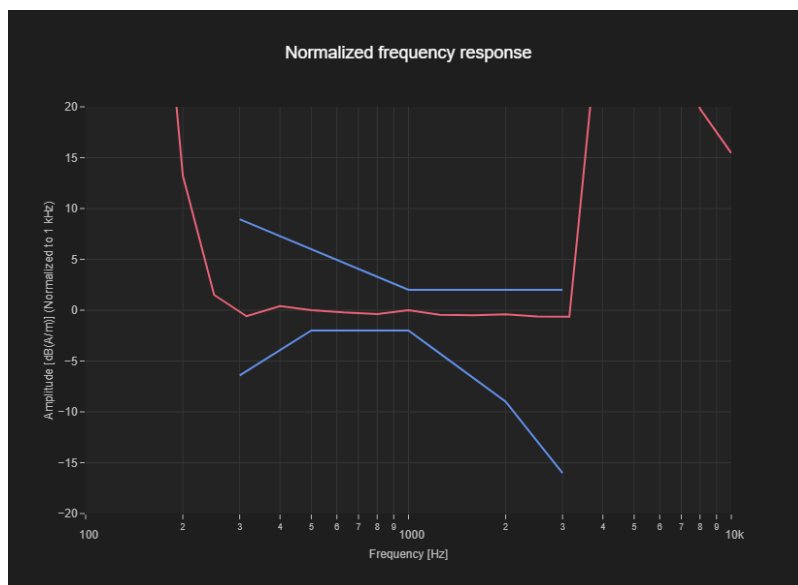
|           |                            |         |                 |
|-----------|----------------------------|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| Band 2    | UMTS-FDD (HSPA+)           | 9400    | 1880.0          |

## 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

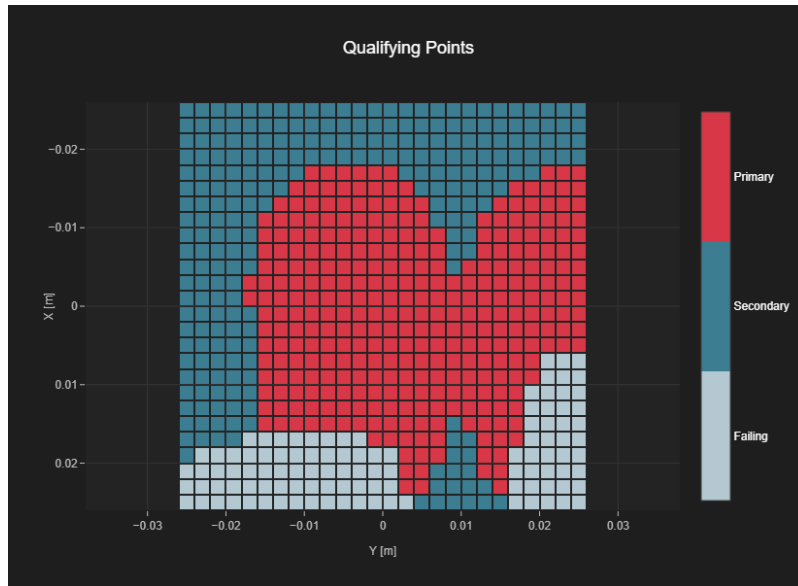
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 2.0                     | 1.63                    |



# Plot No.35 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 327                                  | 570                         | 26                               | 26                             |



# Plot No.36 T-Coil Signal Test Report

Measurement performed on April 09, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

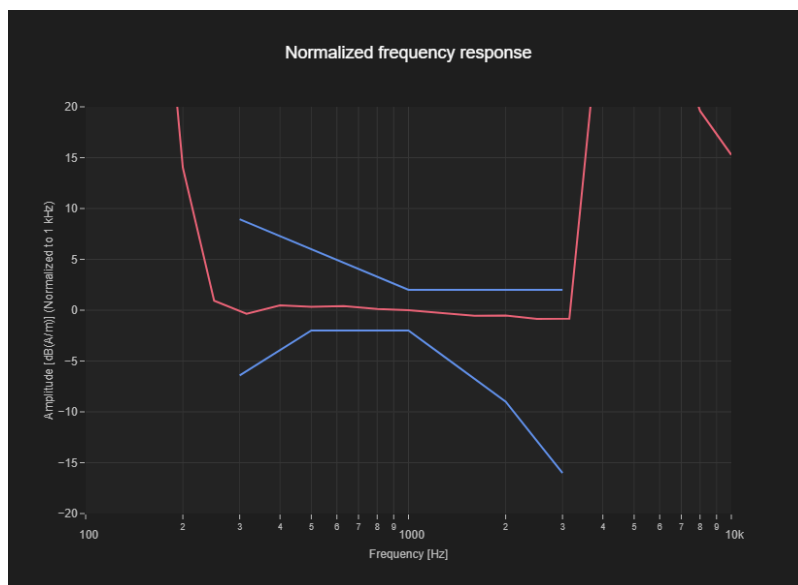
|           |                            |         |                 |
|-----------|----------------------------|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| Band 4    | UMTS-FDD (HSPA+)           | 1413    | 1732.6          |

## 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

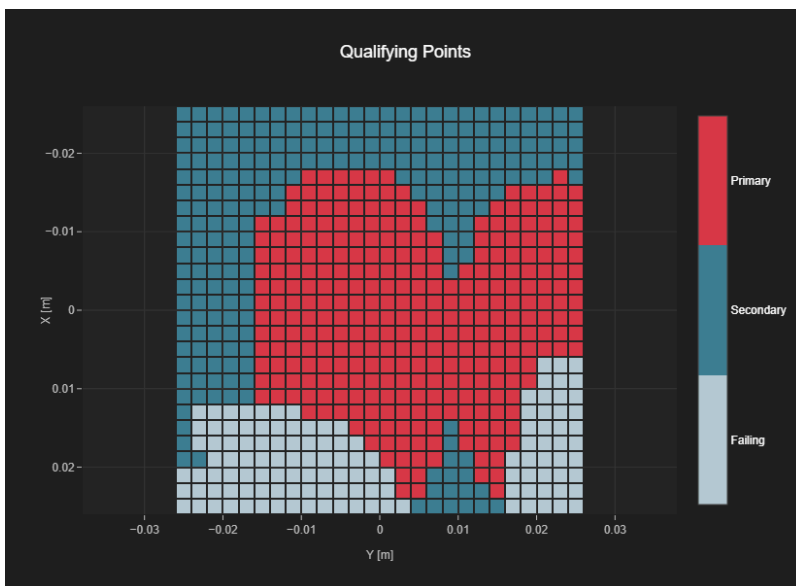
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] |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



# Plot No.36 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 315                                  | 552                         | 26                               | 26                             |





# Plot No.37 T-Coil Signal Test Report

Measurement performed on April 09, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

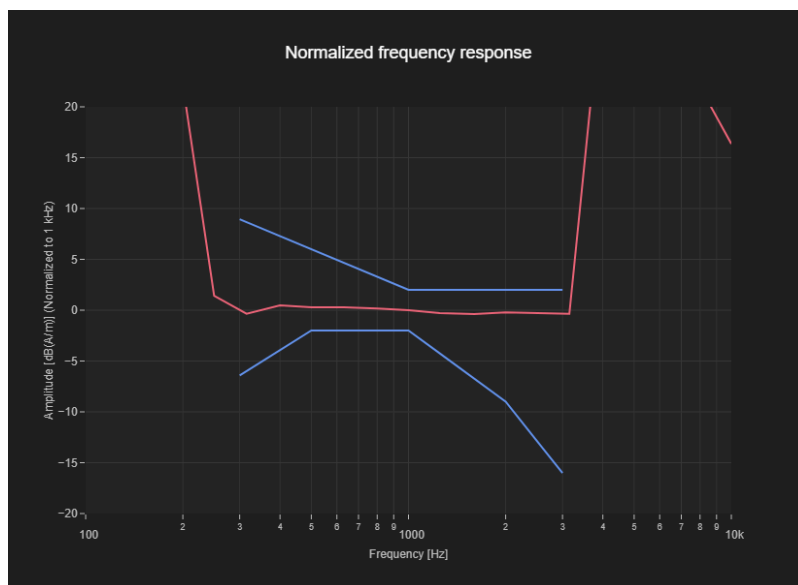
|           |                            |         |                 |
|-----------|----------------------------|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| Band 5    | UMTS-FDD (HSPA+)           | 4182    | 836.4           |

## 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

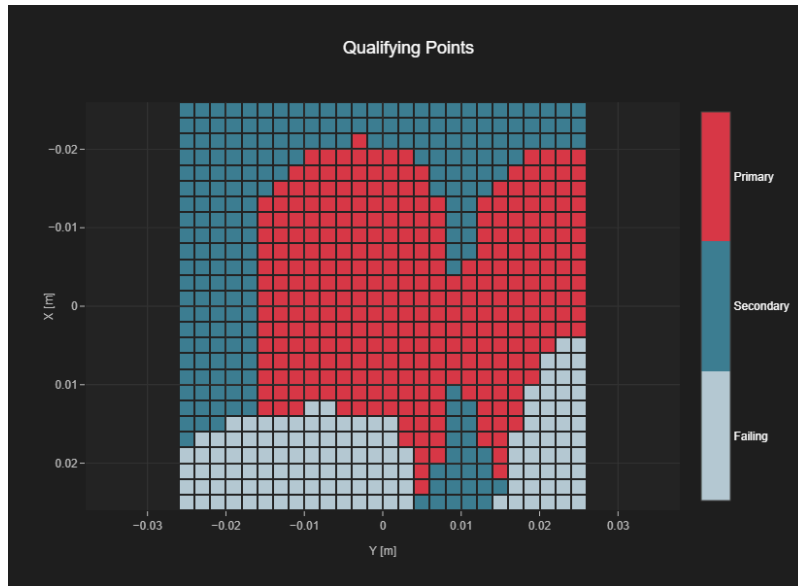
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] |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



# Plot No.37 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 323                                  | 544                         | 26                               | 26                             |



# Plot No.38 T-Coil Signal Test Report

Measurement performed on April 09, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

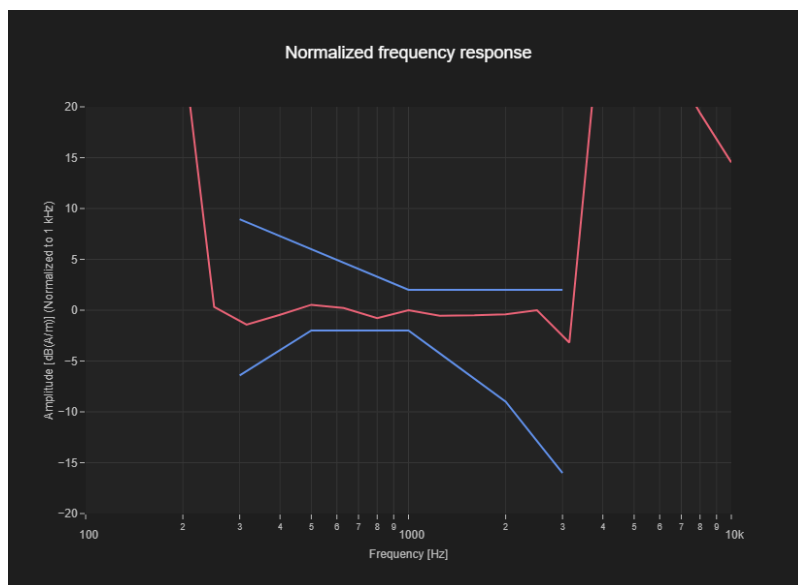
|           |                                       |         |                 |
|-----------|---------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name            | Channel | Frequency [MHz] |
| Band 25   | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 26340   | 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

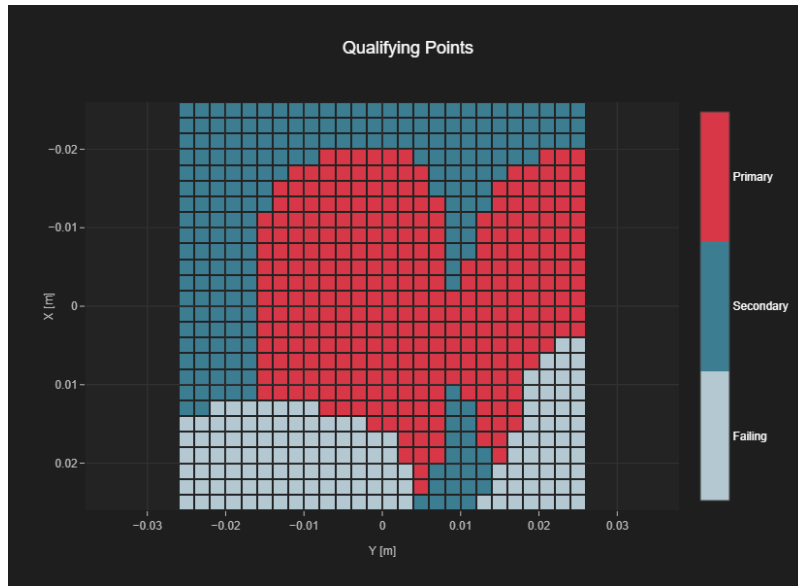
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] |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



# Plot No.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 |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 316                                  | 534                         | 26                               | 26                             |



# Plot No.39 T-Coil Signal Test Report

Measurement performed on April 09, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

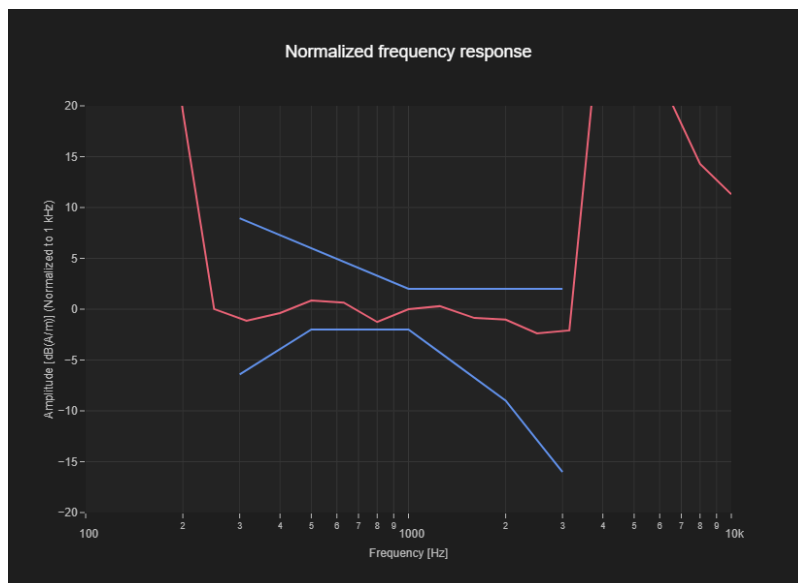
|           |                                       |         |                 |
|-----------|---------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name            | Channel | Frequency [MHz] |
| Band 41   | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 40620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

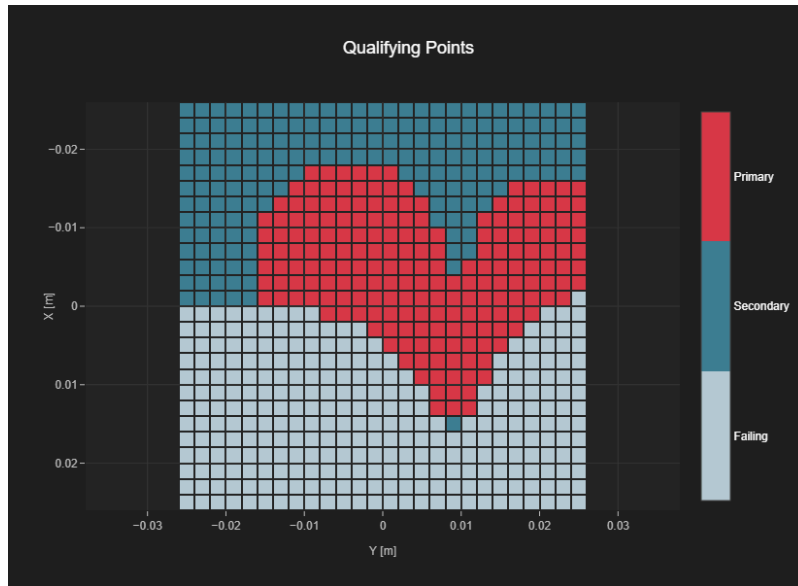
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 1.7                     | 0.74                    |



# Plot No.39 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 201                                  | 387                         | 21                               | 26                             |



# Plot No.40 T-Coil Signal Test Report

Measurement performed on April 11, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

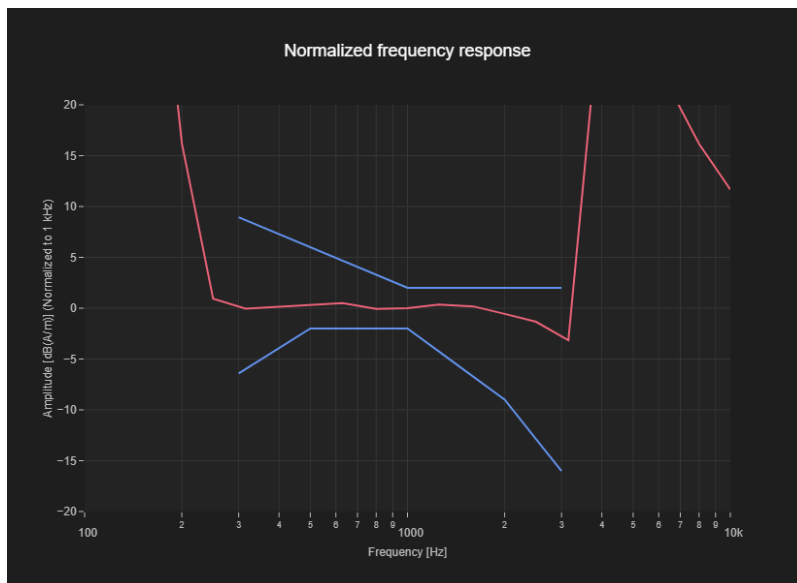
|           |                                                |         |                 |
|-----------|------------------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name                     | Channel | Frequency [MHz] |
| Band n71  | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, BPSK, 15 kHz) | 136100  | 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

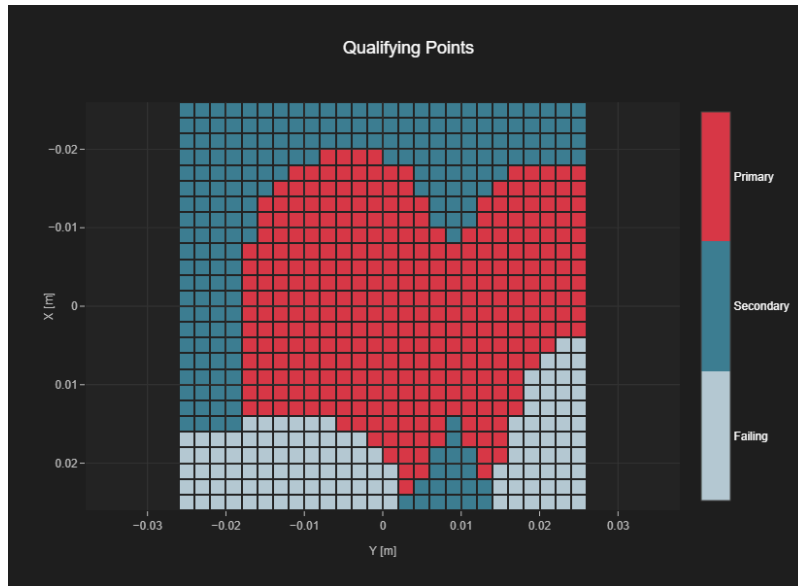
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 1.65                    | 1.93                    |



# Plot No.40 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 340                                  | 553                         | 26                               | 26                             |





# Plot No.41 T-Coil Signal Test Report

Measurement performed on April 11, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

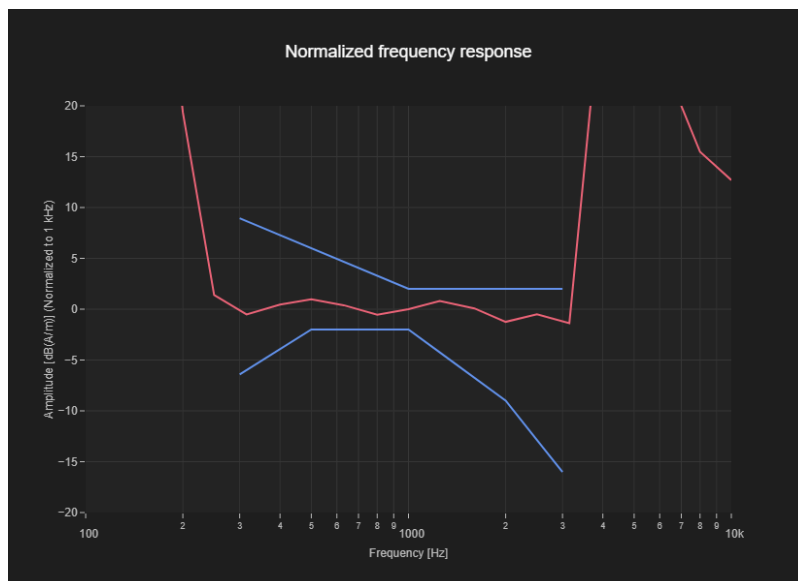
|           |                                                 |         |                 |
|-----------|-------------------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name                      | Channel | Frequency [MHz] |
| Band n77  | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, BPSK, 30 kHz) | 656000  | 3840.0          |

## 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

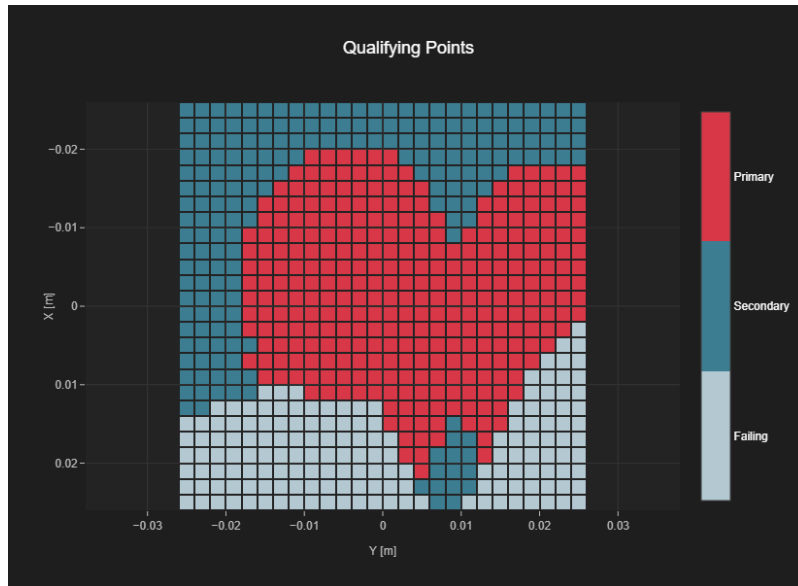
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 1.2                     | 1.46                    |



# Plot No.41 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 316                                  | 517                         | 26                               | 26                             |



# Plot No.42 T-Coil Signal Test Report

Measurement performed on April 10, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

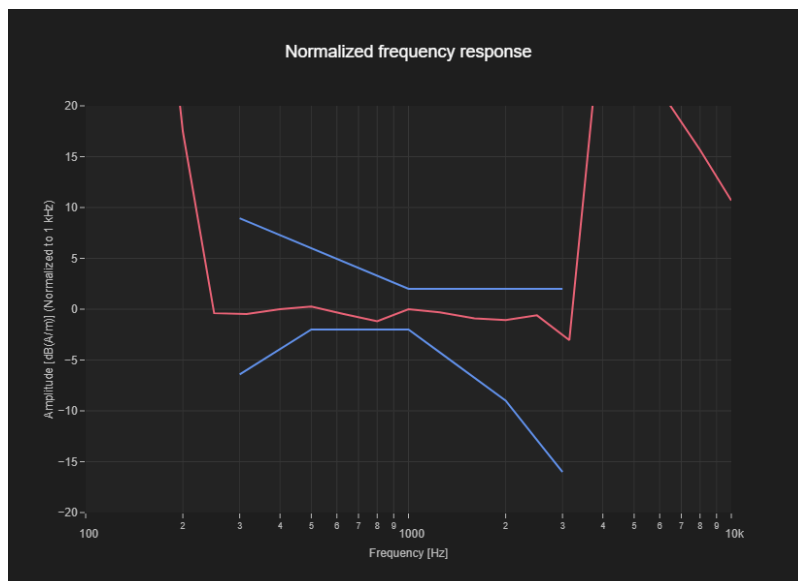
|             |                                                           |         |                 |
|-------------|-----------------------------------------------------------|---------|-----------------|
| Band Name   | Communication Systems Name                                | Channel | Frequency [MHz] |
| WLAN 2.4GHz | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) | 6       | 2437.0          |

## 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

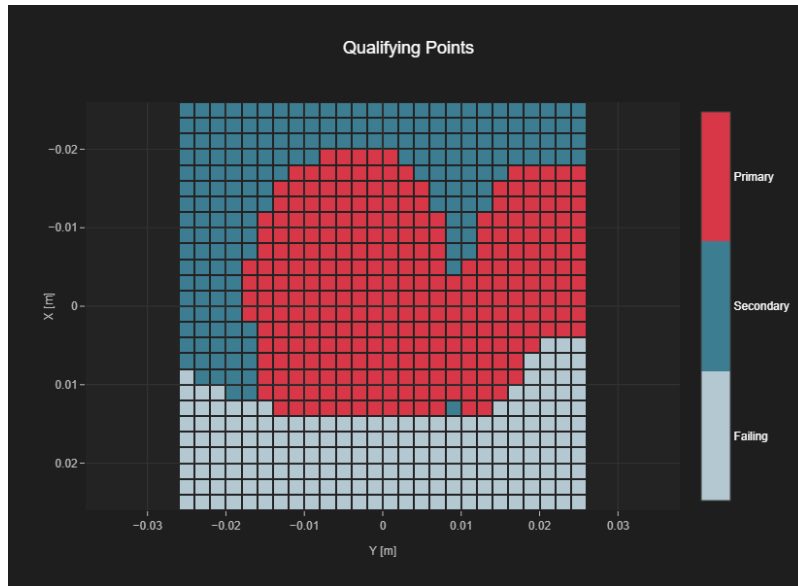
|                           |                          |                         |                         |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File                | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0                      | 2.0                     | 0.81                    |



# Plot No.42 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 296                                  | 488                         | 20                               | 26                             |



# Plot No.43 T-Coil Signal Test Report

Measurement performed on April 10, 2024

## Device Under Test

|                     |                       |
|---------------------|-----------------------|
| Dimensions [mm]     | Speaker Position [mm] |
| 164.0 x 77.0 x20 .0 | 155.0                 |

## Hardware Setup

|               |                        |            |                      |
|---------------|------------------------|------------|----------------------|
| Probe Name    | Probe Calibration Date | DAE Name   | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023        | DAE3 Sn577 | September 14, 2023   |

## Communication Systems

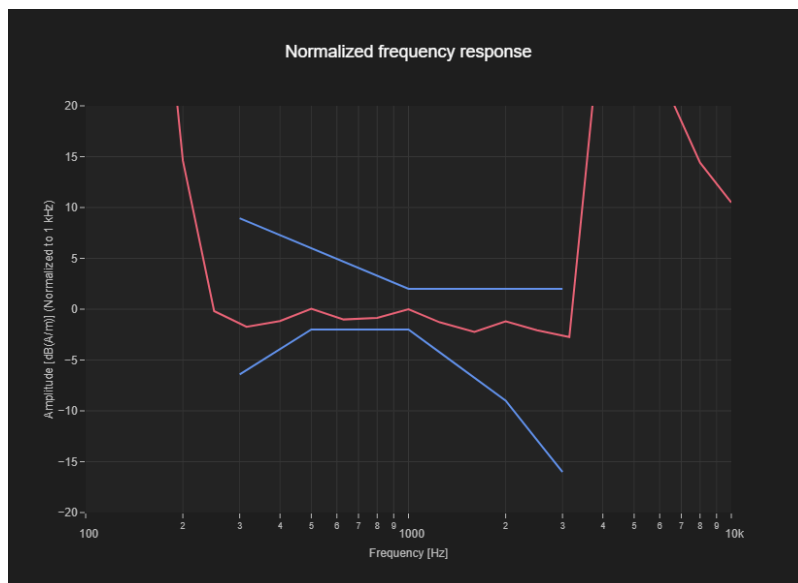
|           |                                                           |         |                 |
|-----------|-----------------------------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name                                | Channel | Frequency [MHz] |
| WLAN 5GHz | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) | 60      | 5300.0          |

## 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                     | 0.99                    |



# Plot No.43 T-Coil Coupling Mode Test Report

## Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 311                                  | 528                         | 24                               | 26                             |

