

Plot No.60 T-Coil Signal Test Report

Measurement performed on March 15, 2025

Device Under Test

| Dimensions [mm] | Speaker Position [mm] |
|---------------------|-----------------------|
| 155.0 x 150.0 x 6.0 | 154.0 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3130 | August 15, 2024 | DAE4 Sn1311 | September 16, 2024 |

Communication Systems

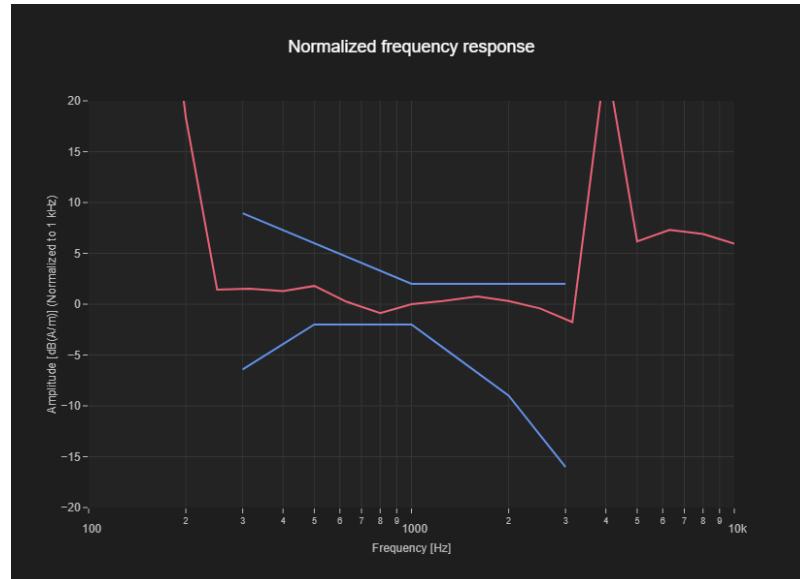
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|-------------------------------|---------|-----------------|
| GSM 850 | EDGE-FDD (TDMA, 8PSK, TN 0-1) | 189 | 836.4 |

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

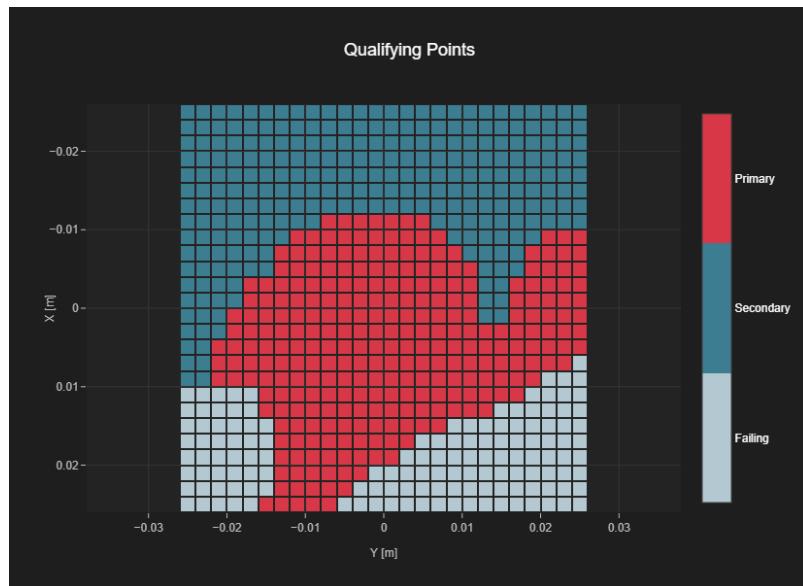
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
|---------------------------|--------------------------|-------------------------|-------------------------|
| 48k_voice_300-3000_2s.wav | 2.0 | 1.25 | 1.12 |



Plot No.60 T-Coil Coupling Mode Test Report

Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 281 | 540 | 26 | 26 |



Plot No.61 T-Coil Signal Test Report

Measurement performed on March 15, 2025

Device Under Test

| Dimensions [mm] | Speaker Position [mm] |
|---------------------|-----------------------|
| 155.0 x 150.0 x 6.0 | 154.0 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3130 | August 15, 2024 | DAE4 Sn1311 | September 16, 2024 |

Communication Systems

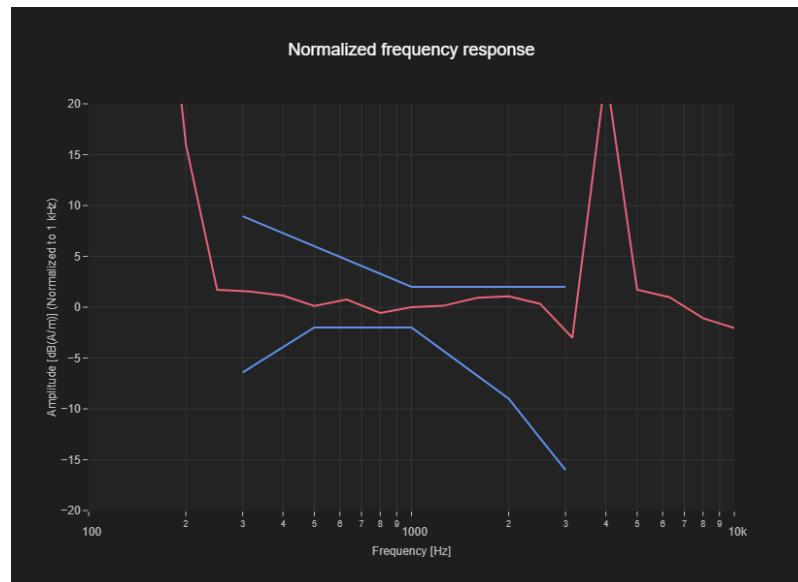
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|----------------------------|---------|-----------------|
| Band 5 | UMTS-FDD (HSPA+) | 4182 | 836.4 |

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

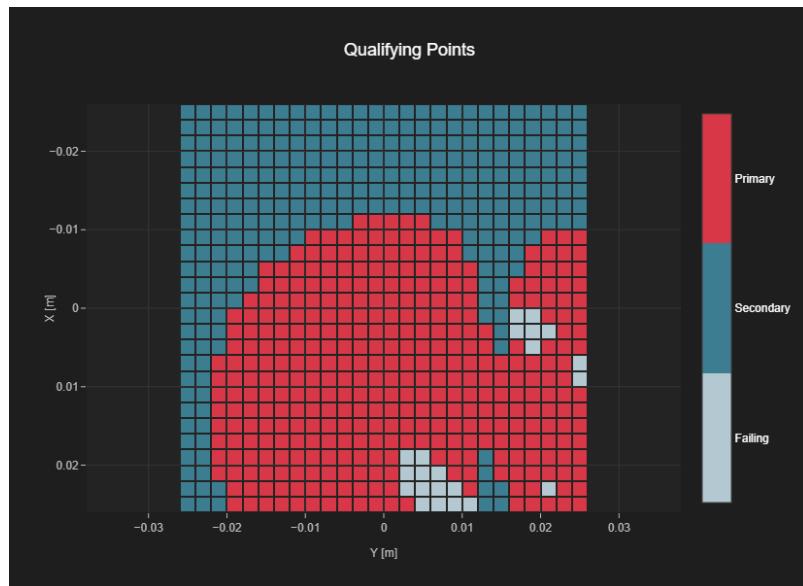
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
|---------------------------|--------------------------|-------------------------|-------------------------|
| 48k_voice_300-3000_2s.wav | 2.0 | 0.93 | 1.44 |



Plot No.61 T-Coil Coupling Mode Test Report

Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 365 | 654 | 26 | 26 |



Plot No.62 T-Coil Signal Test Report

Measurement performed on March 15, 2025

Device Under Test

| Dimensions [mm] | Speaker Position [mm] |
|---------------------|-----------------------|
| 155.0 x 150.0 x 6.0 | 154.0 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3130 | August 15, 2024 | DAE4 Sn1311 | September 16, 2024 |

Communication Systems

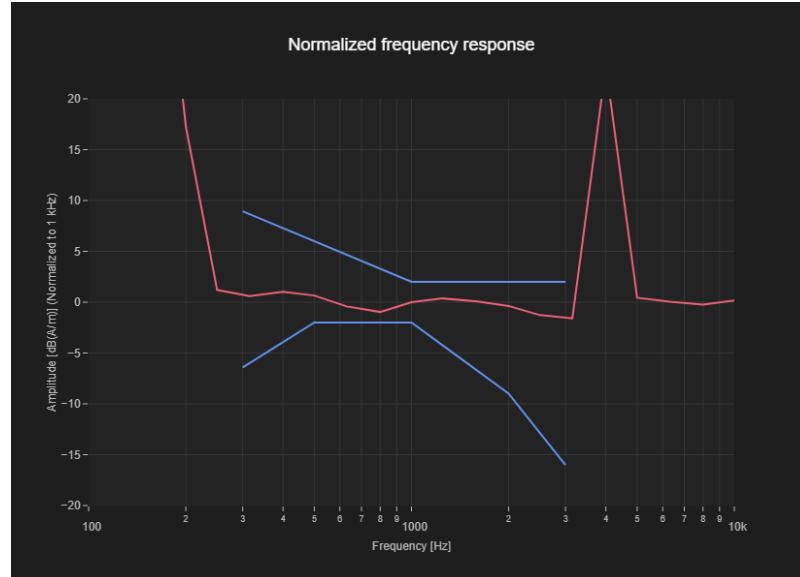
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---------------------------------------|---------|-----------------|
| Band 14 | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | 23330 | 793.0 |

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

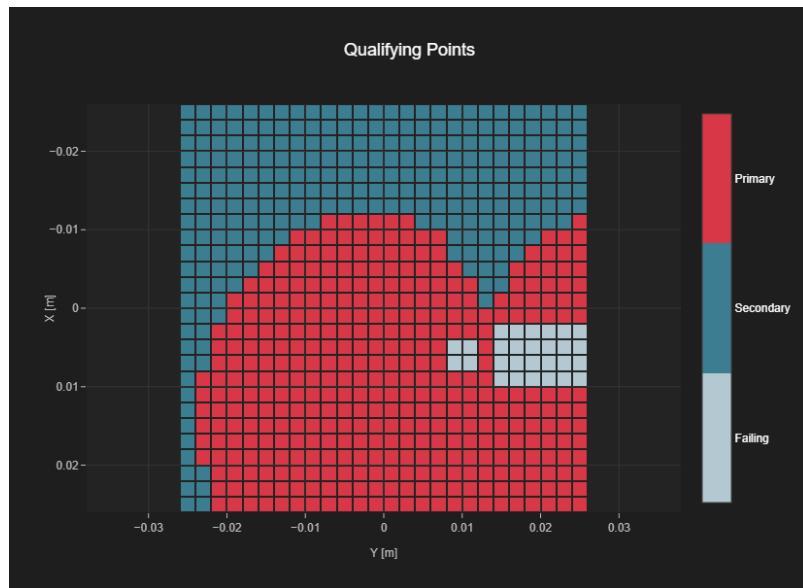
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
|---------------------------|--------------------------|-------------------------|-------------------------|
| 48k_voice_300-3000_2s.wav | 2.0 | 1.63 | 1.04 |



Plot No.62 T-Coil Coupling Mode Test Report

Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 384 | 648 | 26 | 26 |



Plot No.63 T-Coil Signal Test Report

Measurement performed on March 15, 2025

Device Under Test

| Dimensions [mm] | Speaker Position [mm] |
|---------------------|-----------------------|
| 155.0 x 150.0 x 6.0 | 154.0 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3130 | August 15, 2024 | DAE4 Sn1311 | September 16, 2024 |

Communication Systems

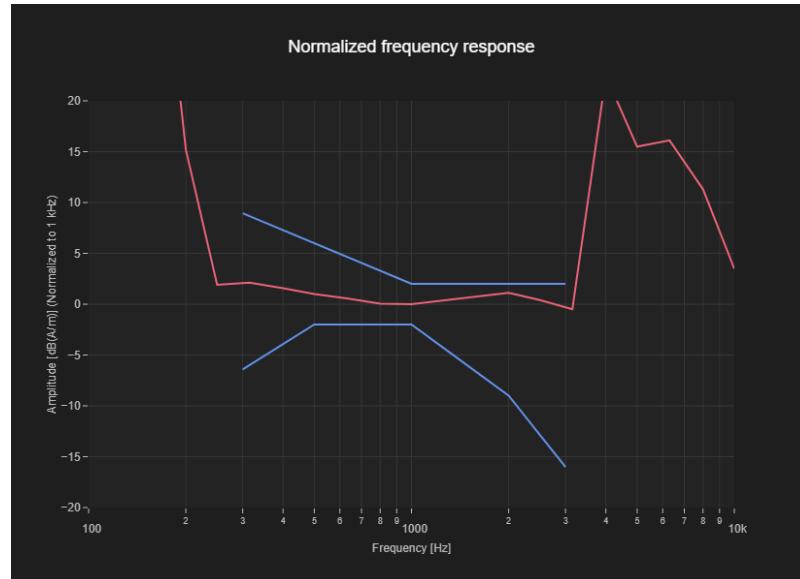
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|--|---------|-----------------|
| Band 41 | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) | 40620 | 2593.0 |

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

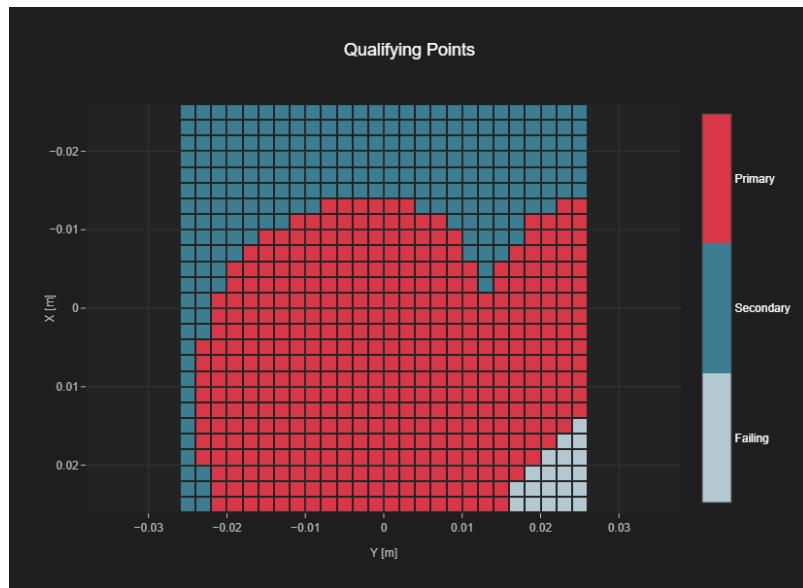
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
|---------------------------|--------------------------|-------------------------|-------------------------|
| 48k_voice_300-3000_2s.wav | 2.0 | 0.87 | 2.0 |



Plot No.63 T-Coil Coupling Mode Test Report

Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 426 | 656 | 26 | 26 |



Plot No.64 T-Coil Signal Test Report

Measurement performed on March 11, 2025

Device Under Test

| Dimensions [mm] | Speaker Position [mm] |
|---------------------|-----------------------|
| 155.0 x 150.0 x 6.0 | 154.0 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3130 | August 15, 2024 | DAE4 Sn1311 | September 16, 2024 |

Communication Systems

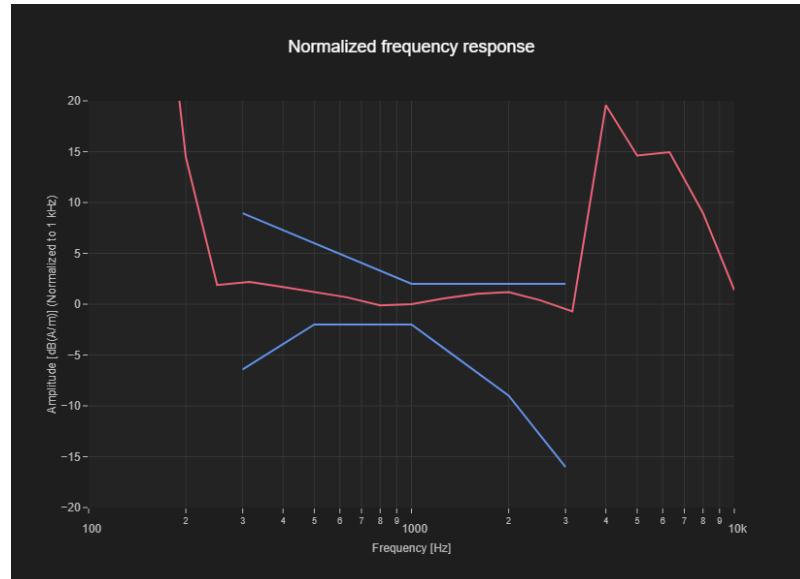
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|--|---------|-----------------|
| Band n30 | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) | 462000 | 2310.0 |

Grid Settings

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

Results

| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
|---------------------------|--------------------------|-------------------------|-------------------------|
| 48k_voice_300-3000_2s.wav | 2.0 | 0.81 | 1.88 |



Plot No.64 T-Coil Coupling Mode Test Report

Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 396 | 676 | 26 | 26 |



Plot No.65 T-Coil Signal Test Report

Measurement performed on March 11, 2025

Device Under Test

| Dimensions [mm] | Speaker Position [mm] |
|---------------------|-----------------------|
| 155.0 x 150.0 x 6.0 | 154.0 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3130 | August 15, 2024 | DAE4 Sn1311 | September 16, 2024 |

Communication Systems

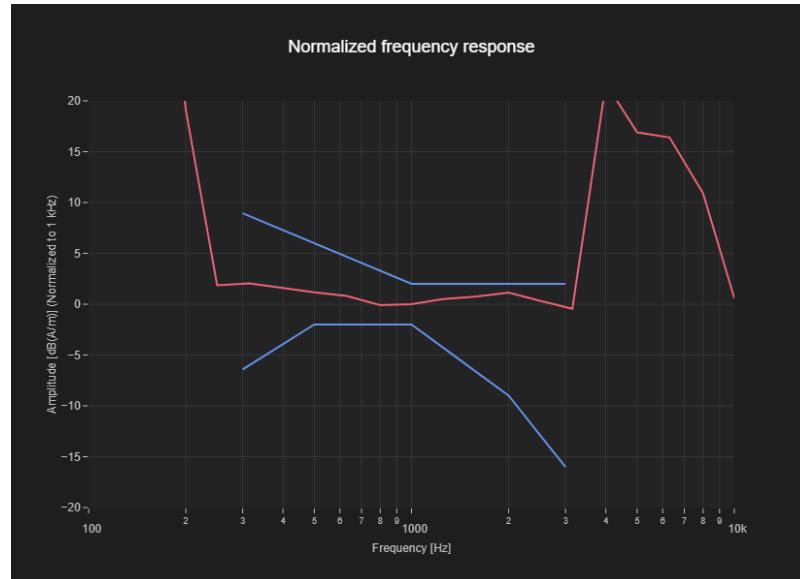
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| Band n77 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 656000 | 3840.0 |

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 | 0.86 | 1.91 |



Plot No.65 T-Coil Coupling Mode Test Report

Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 369 | 676 | 26 | 26 |



Plot No.66 T-Coil Signal Test Report

Measurement performed on March 14, 2025

Device Under Test

| Dimensions [mm] | Speaker Position [mm] |
|---------------------|-----------------------|
| 155.0 x 150.0 x 6.0 | 154.0 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3130 | August 15, 2024 | DAE4 Sn1311 | September 16, 2024 |

Communication Systems

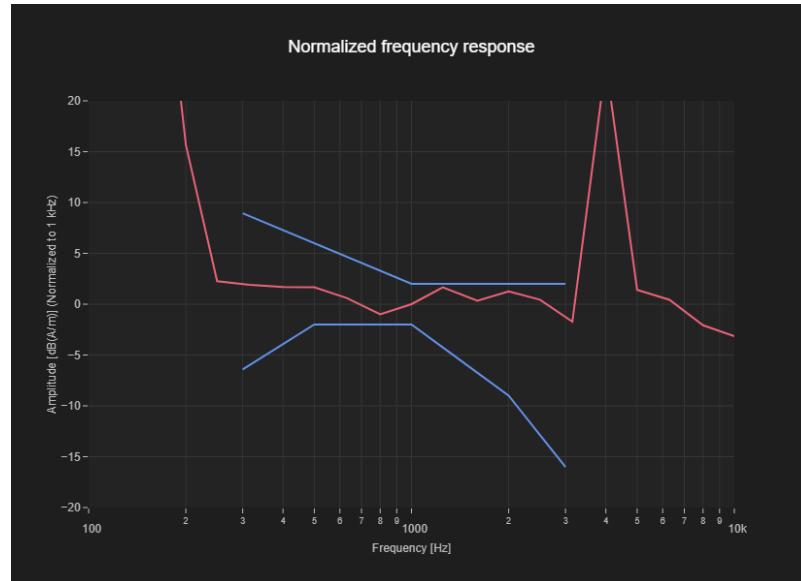
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-------------|---|---------|-----------------|
| WLAN 2.4GHz | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) | 6 | 2437.0 |

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 | 0.34 | 1.01 |



Plot No.66 T-Coil Coupling Mode Test Report

Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 414 | 676 | 26 | 26 |



Plot No.67 T-Coil Signal Test Report

Measurement performed on March 15, 2025

Device Under Test

| Dimensions [mm] | Speaker Position [mm] |
|---------------------|-----------------------|
| 155.0 x 150.0 x 6.0 | 154.0 |

Hardware Setup

| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
|---------------|------------------------|-------------|----------------------|
| AM1DV3 - 3130 | August 15, 2024 | DAE4 Sn1311 | September 16, 2024 |

Communication Systems

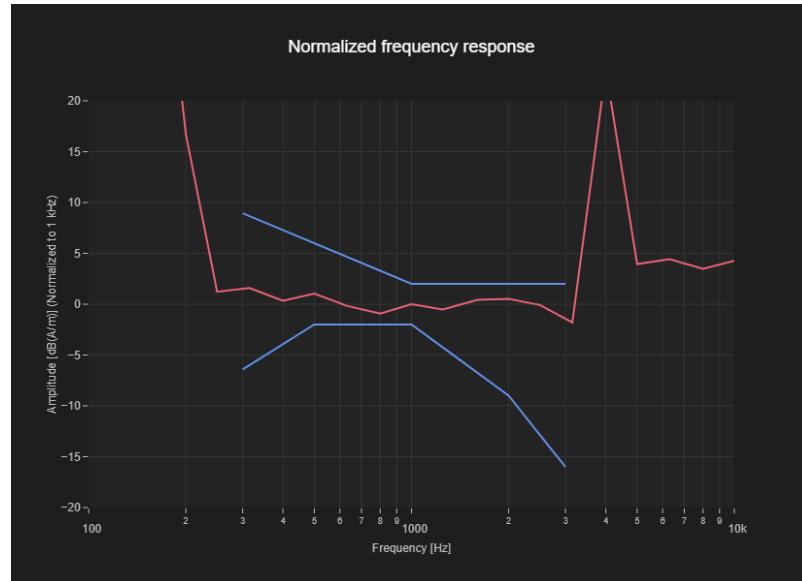
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
|-----------|---|---------|-----------------|
| WLAN 5GHz | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) | 40 | 5200.0 |

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 | 1.47 | 1.07 |



Plot No.67 T-Coil Coupling Mode Test Report

Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 370 | 676 | 26 | 26 |

