

Plot No.23 T-Coil Signal Test Report

Measurement performed on September 25, 2023

Device Under Test

| | | | |
|--------------|-------|---------------------|-----------------------|
| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
| Google | GKV4X | 151.0 x 72.0 x 10.0 | 150.0 |

Hardware Setup

| | | | |
|---------------|------------------------|------------|----------------------|
| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
| AM1DV3 - 3104 | March 16, 2023 | DAE4 Sn661 | May 23, 2023 |

Communication Systems

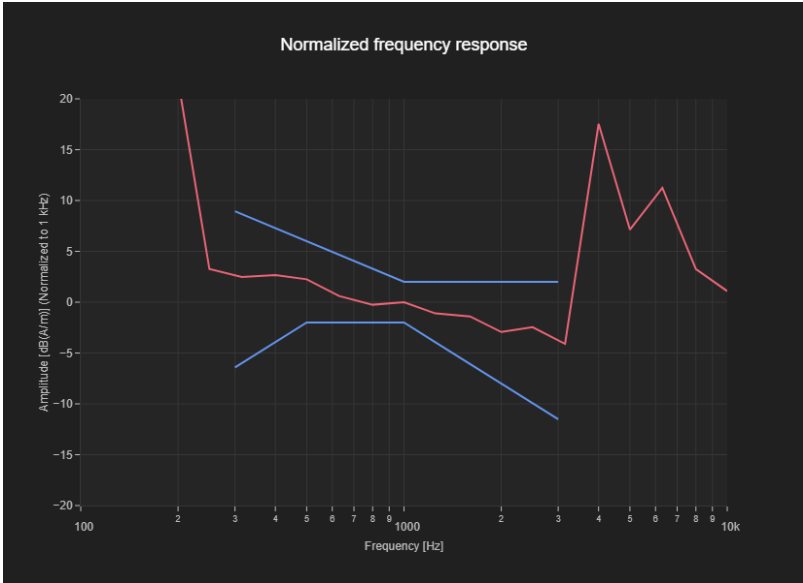
| | | | |
|-----------|--|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| Band n48 | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, BPSK, 30 kHz) | 641666 | 3624.985 |

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

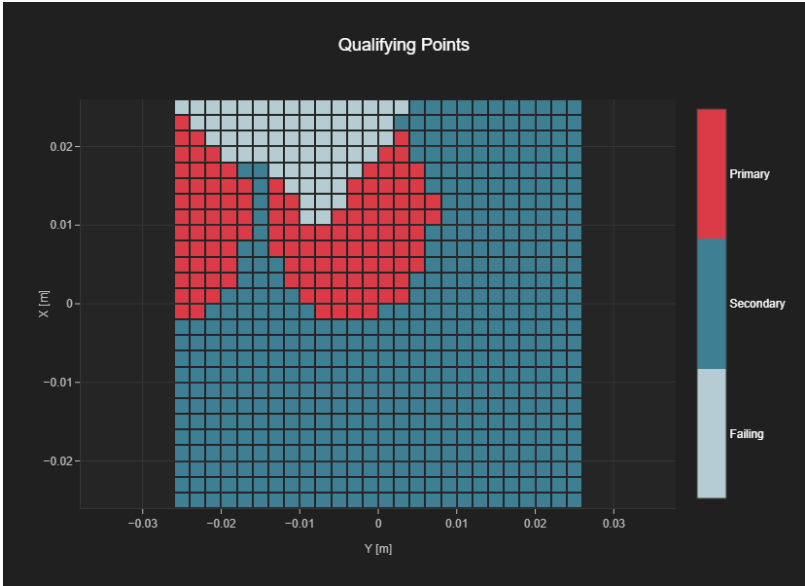
| | | | |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0 | 2.0 | 1.75 |



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 |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 125 | 611 | 26 | 26 |



Plot No.24 T-Coil Signal Test Report

Measurement performed on September 25, 2023

Device Under Test

| | | | |
|--------------|-------|---------------------|-----------------------|
| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
| Google | GKV4X | 151.0 x 72.0 x 10.0 | 150.0 |

Hardware Setup

| | | | |
|---------------|------------------------|------------|----------------------|
| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
| AM1DV3 - 3104 | March 16, 2023 | DAE4 Sn661 | May 23, 2023 |

Communication Systems

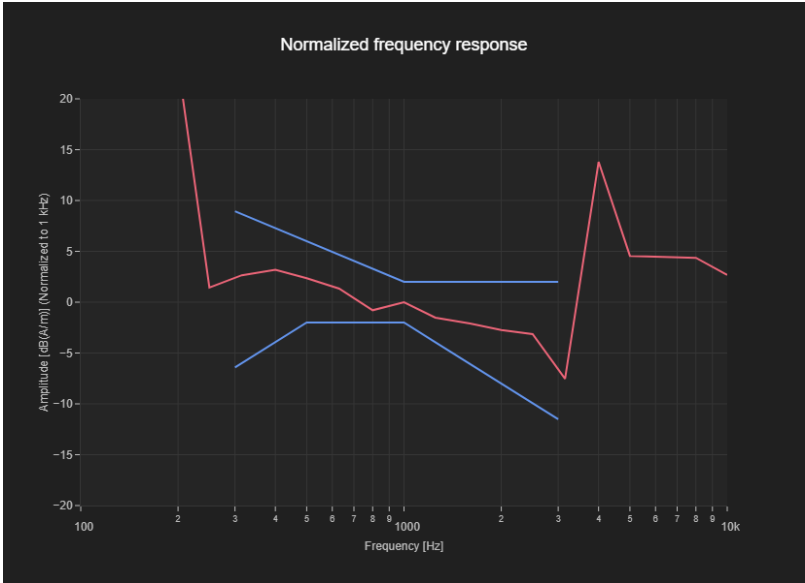
| | | | |
|-----------|--|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| Band n66 | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, BPSK, 15 kHz) | 349000 | 1745.0 |

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

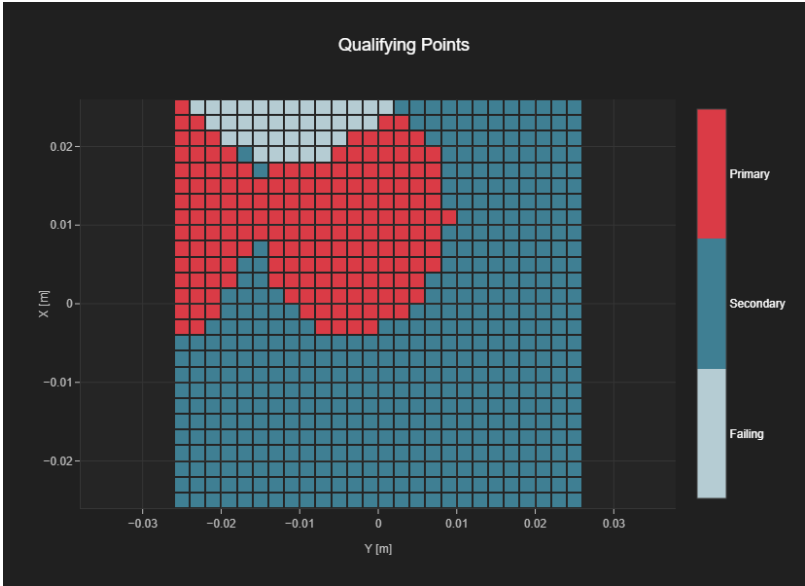
| | | | |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0 | 2.0 | 1.21 |



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 |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 182 | 639 | 26 | 26 |



Plot No.25 T-Coil Signal Test Report

Measurement performed on September 25, 2023

Device Under Test

| | | | |
|--------------|-------|---------------------|-----------------------|
| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
| Google | GKV4X | 151.0 x 72.0 x 10.0 | 150.0 |

Hardware Setup

| | | | |
|---------------|------------------------|------------|----------------------|
| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
| AM1DV3 - 3104 | March 16, 2023 | DAE4 Sn661 | May 23, 2023 |

Communication Systems

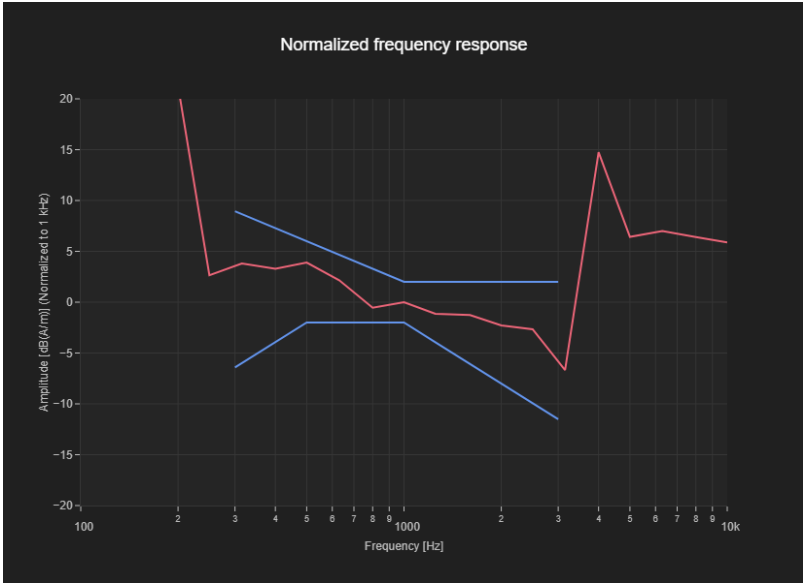
| | | | |
|-----------|--|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| Band n70 | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, BPSK, 15 kHz) | 340500 | 1702.5 |

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

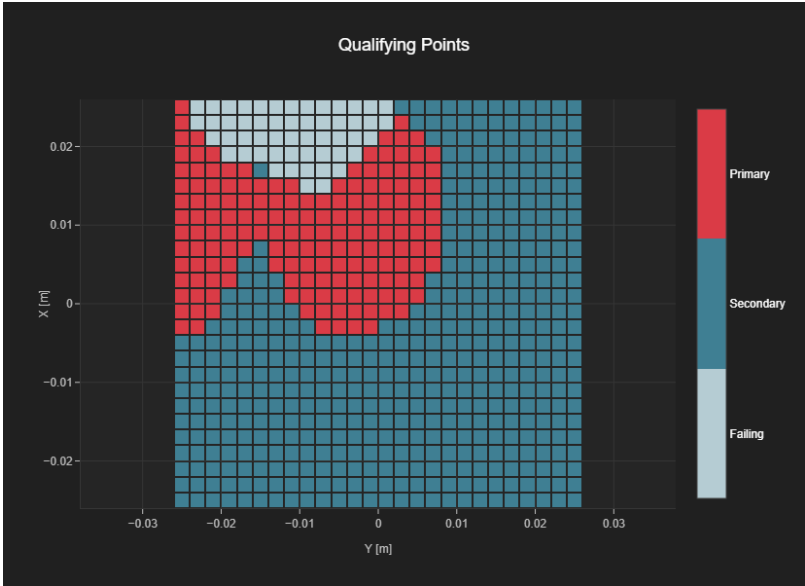
| | | | |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0 | 2.0 | 1.45 |



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 |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 165 | 623 | 26 | 26 |



Plot No.26 T-Coil Signal Test Report

Measurement performed on September 25, 2023

Device Under Test

| | | | |
|--------------|-------|---------------------|-----------------------|
| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
| Google | GKV4X | 151.0 x 72.0 x 10.0 | 150.0 |

Hardware Setup

| | | | |
|---------------|------------------------|------------|----------------------|
| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
| AM1DV3 - 3104 | March 16, 2023 | DAE4 Sn661 | May 23, 2023 |

Communication Systems

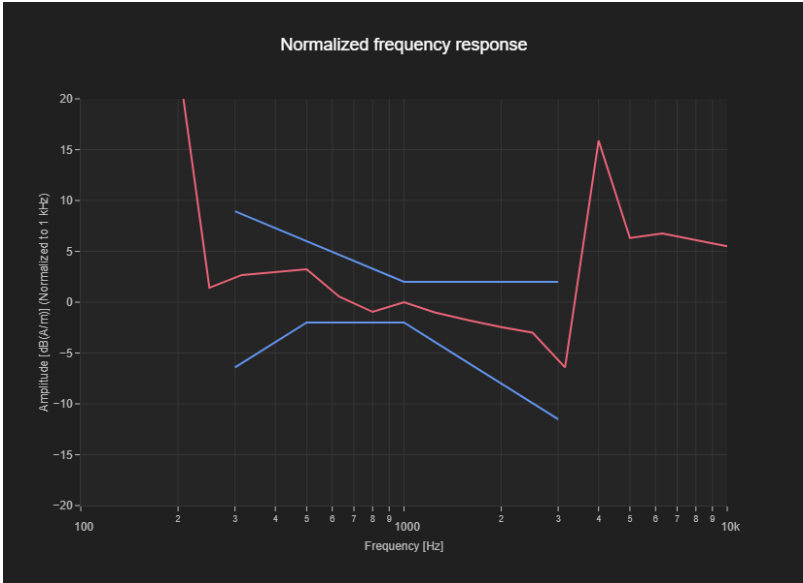
| | | | |
|-----------|--|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| Band n71 | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, BPSK, 15 kHz) | 136100 | 680.5 |

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

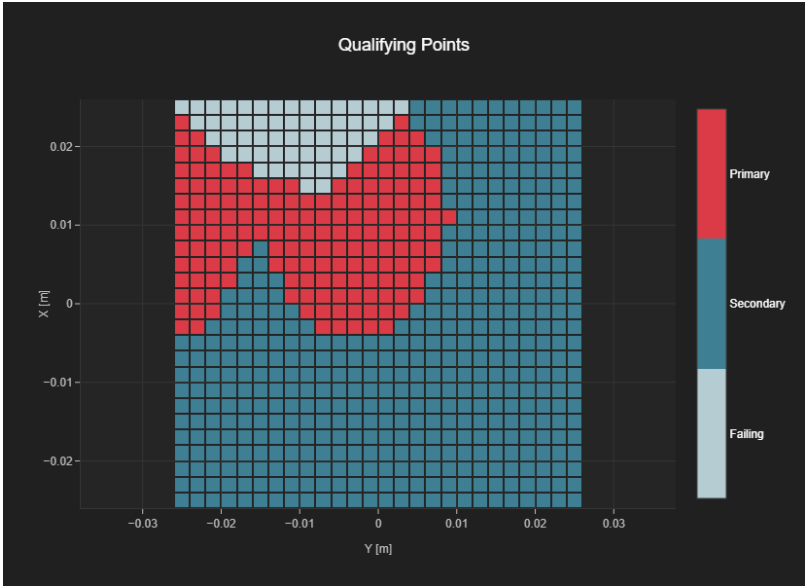
| | | | |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0 | 2.0 | 1.04 |



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 |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 166 | 620 | 26 | 26 |



Plot No.27 T-Coil Signal Test Report

Measurement performed on September 25, 2023

Device Under Test

| | | | |
|--------------|-------|---------------------|-----------------------|
| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
| Google | GKV4X | 151.0 x 72.0 x 10.0 | 150.0 |

Hardware Setup

| | | | |
|---------------|------------------------|------------|----------------------|
| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
| AM1DV3 - 3104 | March 16, 2023 | DAE4 Sn661 | May 23, 2023 |

Communication Systems

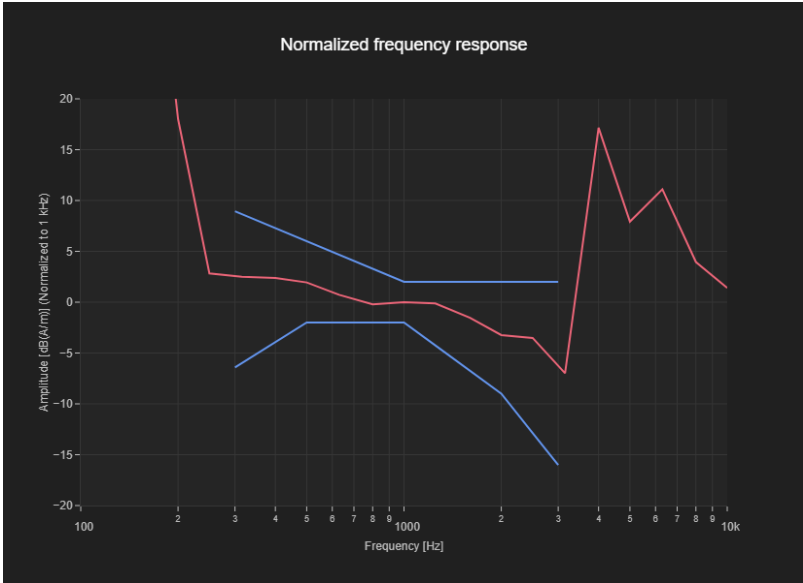
| | | | |
|-----------|---|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| Band n77 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, BPSK, 30 kHz) | 656000 | 3840.0 |

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

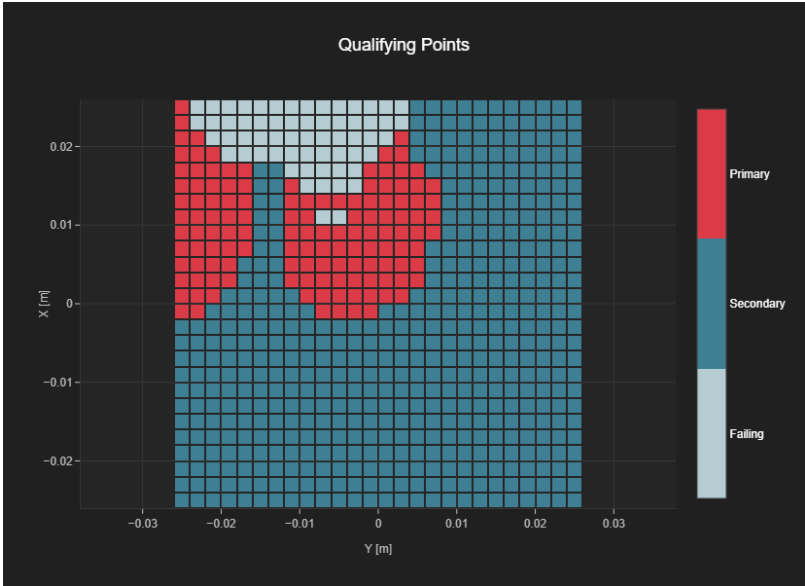
| | | | |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0 | 2.0 | 1.78 |



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 |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 129 | 615 | 26 | 26 |



Plot No.28 T-Coil Signal Test Report

Measurement performed on September 25, 2023

Device Under Test

| | | | |
|--------------|-------|---------------------|-----------------------|
| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
| Google | GKV4X | 151.0 x 72.0 x 10.0 | 150.0 |

Hardware Setup

| | | | |
|---------------|------------------------|------------|----------------------|
| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
| AM1DV3 - 3104 | March 16, 2023 | DAE4 Sn661 | May 23, 2023 |

Communication Systems

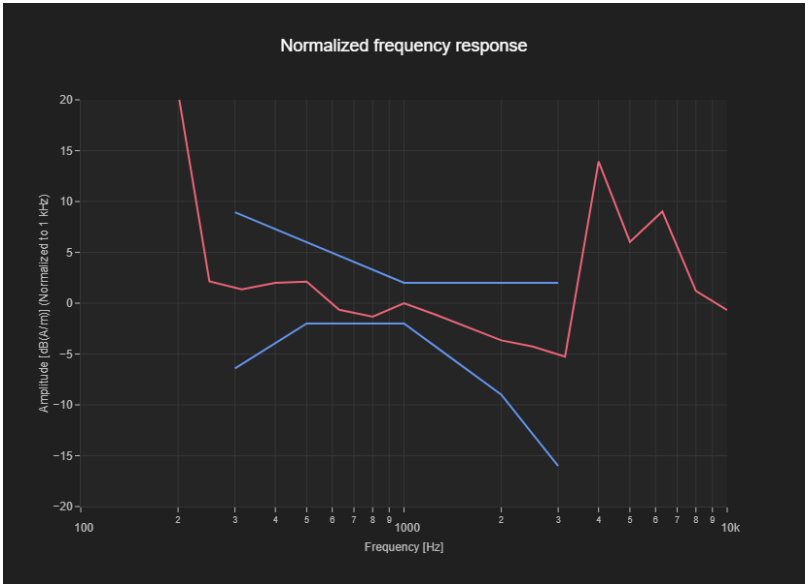
| | | | |
|-------------|--|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| WLAN 2.4GHz | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) | 6 | 2437.0 |

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

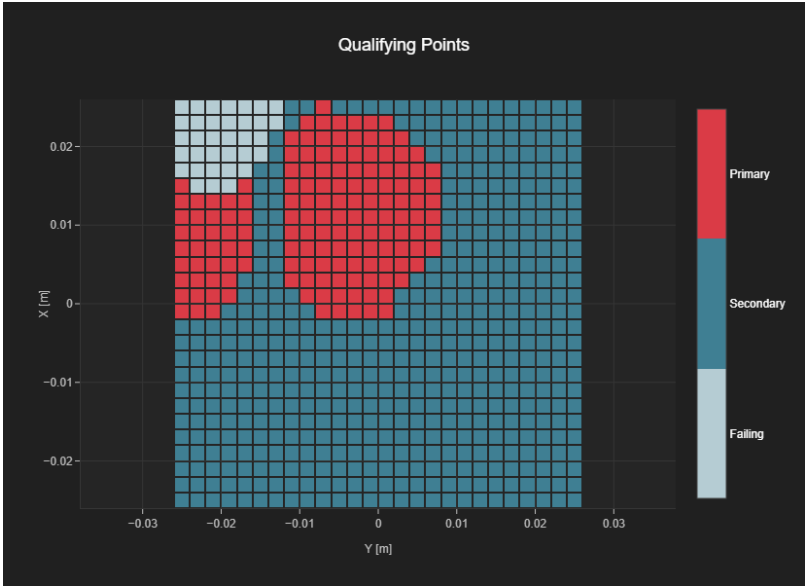
| | | | |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0 | 2.0 | 0.67 |



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 |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 150 | 642 | 26 | 26 |



Plot No.29 T-Coil Signal Test Report

Measurement performed on September 27, 2023

Device Under Test

| | | | |
|--------------|-------|---------------------|-----------------------|
| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
| Google | GKV4X | 151.0 x 72.0 x 10.0 | 150.0 |

Hardware Setup

| | | | |
|---------------|------------------------|------------|----------------------|
| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
| AM1DV3 - 3104 | March 16, 2023 | DAE4 Sn661 | May 23, 2023 |

Communication Systems

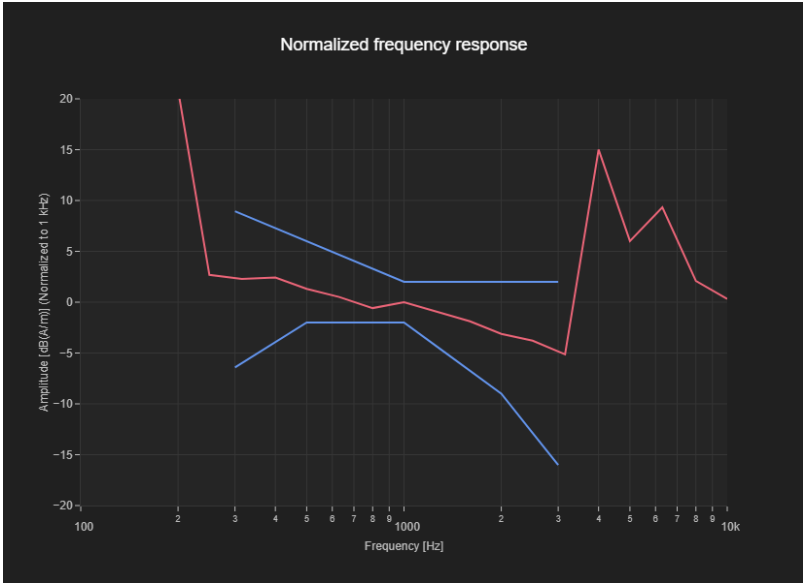
| | | | |
|-----------|---|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| WLAN 5GHz | IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle) | 40 | 5200.0 |

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

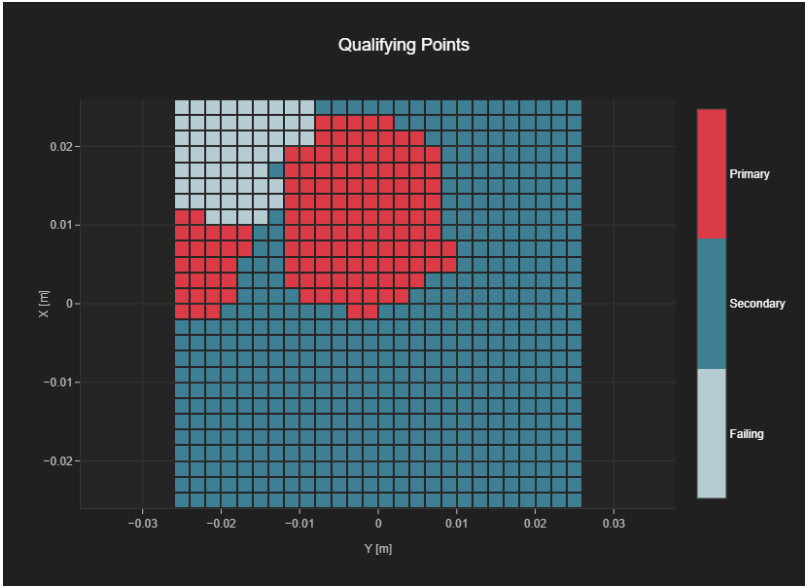
| | | | |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0 | 2.0 | 1.42 |



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 |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 139 | 618 | 26 | 26 |



Plot No.30 T-Coil Signal Test Report

Measurement performed on September 27, 2023

Device Under Test

| | | | |
|--------------|-------|---------------------|-----------------------|
| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
| Google | GKV4X | 151.0 x 72.0 x 10.0 | 150.0 |

Hardware Setup

| | | | |
|---------------|------------------------|------------|----------------------|
| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
| AM1DV3 - 3104 | March 16, 2023 | DAE4 Sn661 | May 23, 2023 |

Communication Systems

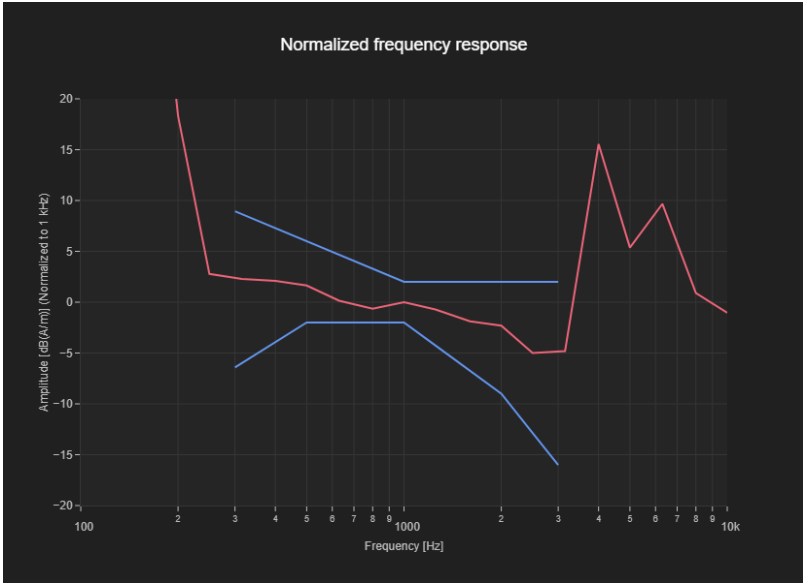
| | | | |
|-----------|---|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| WLAN 5GHz | IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle) | 60 | 5300.0 |

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

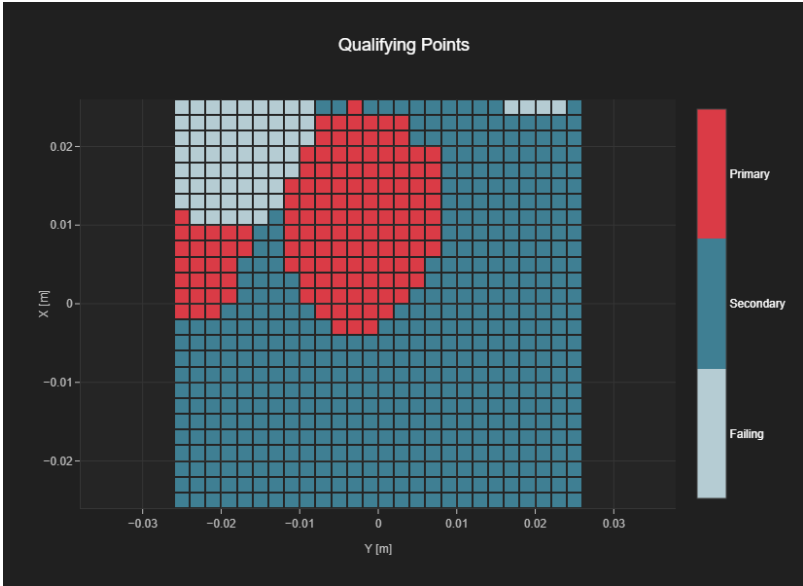
| | | | |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0 | 2.0 | 1.36 |



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 |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 139 | 610 | 26 | 26 |



Plot No.31 T-Coil Signal Test Report

Measurement performed on September 27, 2023

Device Under Test

| | | | |
|--------------|-------|---------------------|-----------------------|
| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
| Google | GKV4X | 151.0 x 72.0 x 10.0 | 150.0 |

Hardware Setup

| | | | |
|---------------|------------------------|------------|----------------------|
| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
| AM1DV3 - 3104 | March 16, 2023 | DAE4 Sn661 | May 23, 2023 |

Communication Systems

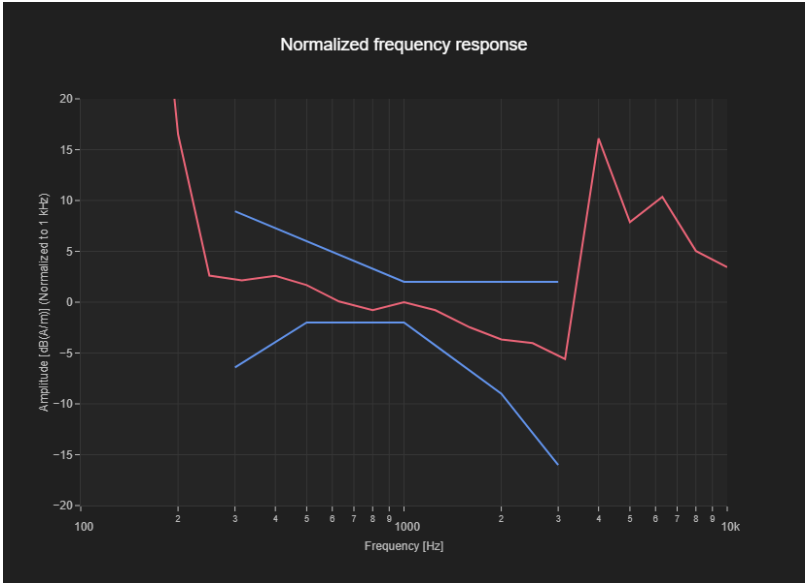
| | | | |
|-----------|---|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| WLAN 5GHz | IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle) | 116 | 5580.0 |

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

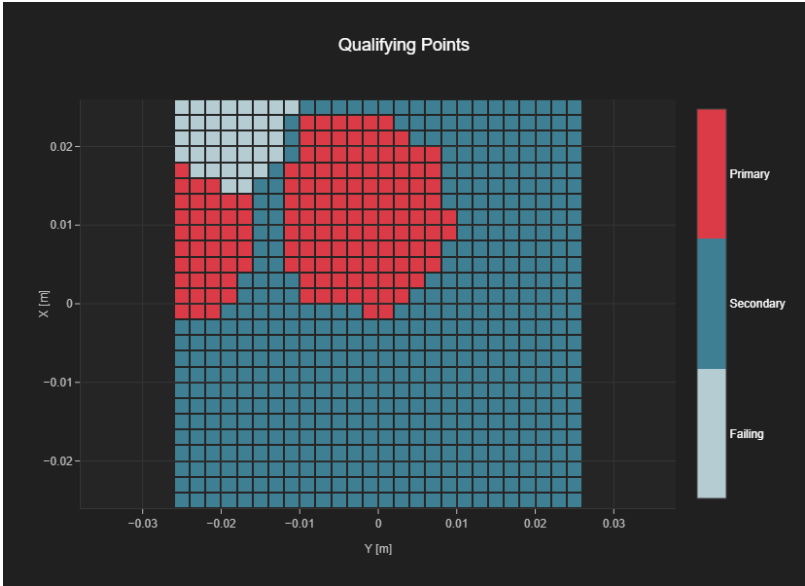
| | | | |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0 | 2.0 | 1.22 |



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 |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 151 | 640 | 26 | 26 |



Plot No.32 T-Coil Signal Test Report

Measurement performed on September 27, 2023

Device Under Test

| | | | |
|--------------|-------|---------------------|-----------------------|
| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
| Google | GKV4X | 151.0 x 72.0 x 10.0 | 150.0 |

Hardware Setup

| | | | |
|---------------|------------------------|------------|----------------------|
| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
| AM1DV3 - 3104 | March 16, 2023 | DAE4 Sn661 | May 23, 2023 |

Communication Systems

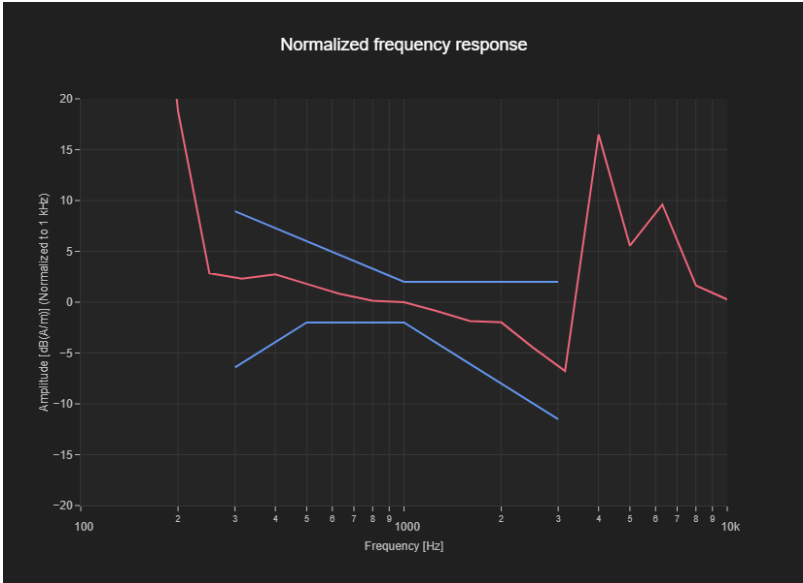
| | | | |
|-----------|---|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| WLAN 5GHz | IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle) | 157 | 5785.0 |

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

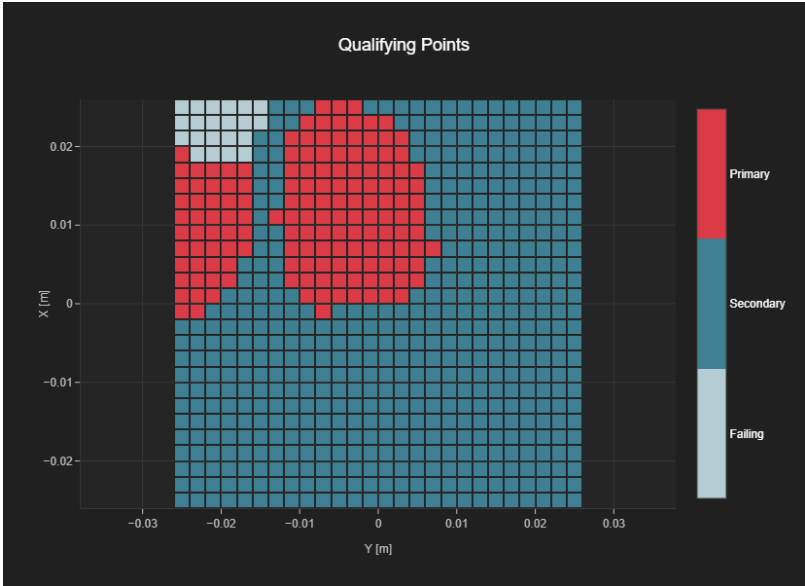
| | | | |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0 | 2.0 | 2.0 |



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 |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 151 | 655 | 26 | 26 |



Plot No.33 T-Coil Signal Test Report

Measurement performed on October 02, 2023 at

Device Under Test

| | | | |
|--------------|-------|---------------------|-----------------------|
| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
| Google | GKV4X | 151.0 x 72.0 x 10.0 | 150.0 |

Hardware Setup

| | | | |
|---------------|------------------------|------------|----------------------|
| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023 | DAE4 Sn699 | February 22, 2023 |

Communication Systems

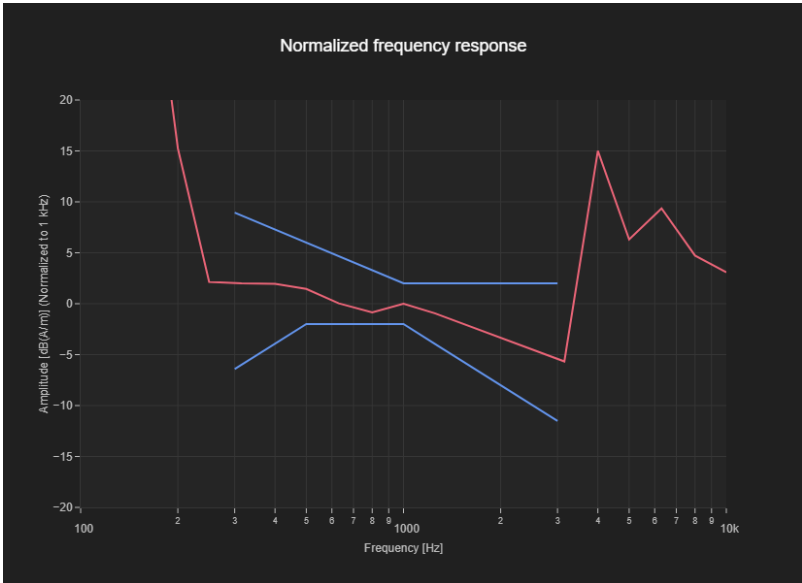
| | | | |
|-----------|---|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| U-NII-4 | IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle) | 173 | 5865.0 |

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

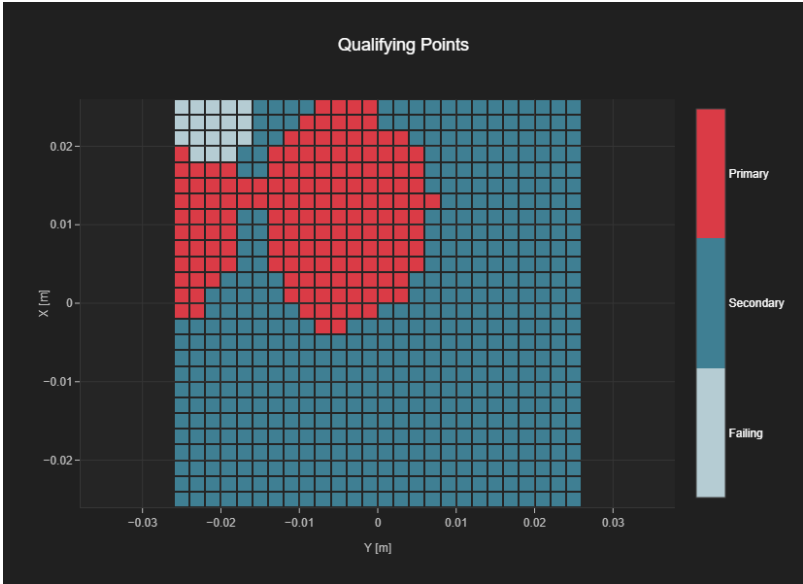
| | | | |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0 | 2.0 | 1.15 |



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 |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 161 | 658 | 26 | 26 |



Plot No.34 T-Coil Signal Test Report

Measurement performed on September 27, 2023

Device Under Test

| | | | |
|--------------|-------|---------------------|-----------------------|
| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
| Google | GKV4X | 151.0 x 72.0 x 10.0 | 150.0 |

Hardware Setup

| | | | |
|---------------|------------------------|------------|----------------------|
| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
| AM1DV3 - 3104 | March 16, 2023 | DAE4 Sn661 | May 23, 2023 |

Communication Systems

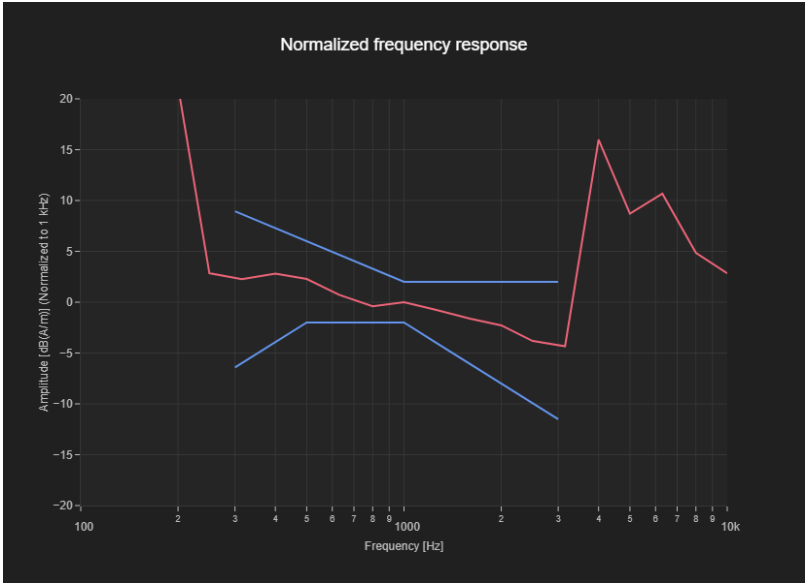
| | | | |
|-----------|--|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| U-NII-5 | IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle) | 5 | 5975.0 |

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

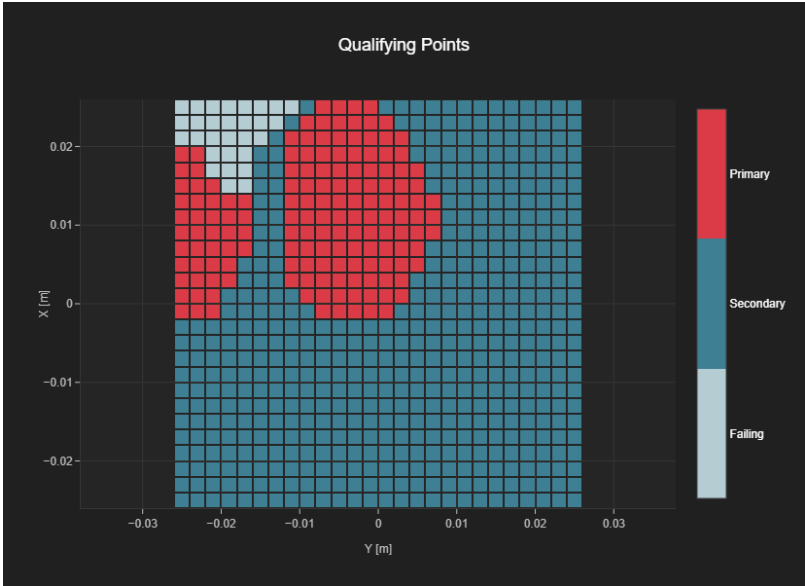
| | | | |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0 | 2.0 | 1.6 |



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 |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 153 | 647 | 26 | 26 |



Plot No.35 T-Coil Signal Test Report

Measurement performed on September 15, 2023

Device Under Test

| | | | |
|--------------|-------|---------------------|-----------------------|
| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
| Google | GKV4X | 151.0 x 72.0 x 10.0 | 150.0 |

Hardware Setup

| | | | |
|---------------|------------------------|------------|----------------------|
| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
| AM1DV3 - 3104 | March 16, 2023 | DAE4 Sn661 | May 23, 2023 |

Communication Systems

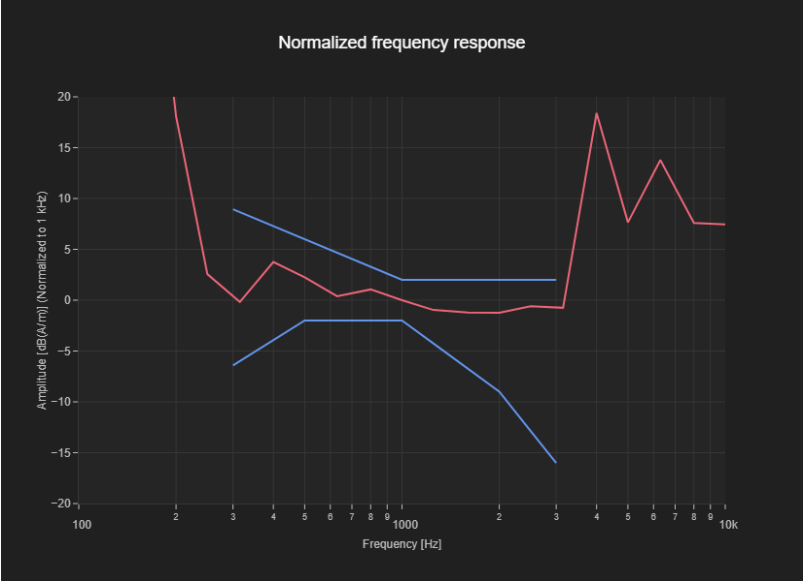
| | | | |
|-----------|-------------------------------|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| GSM 850 | EDGE-FDD (TDMA, 8PSK, TN 0-1) | 189 | 836.4 |

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

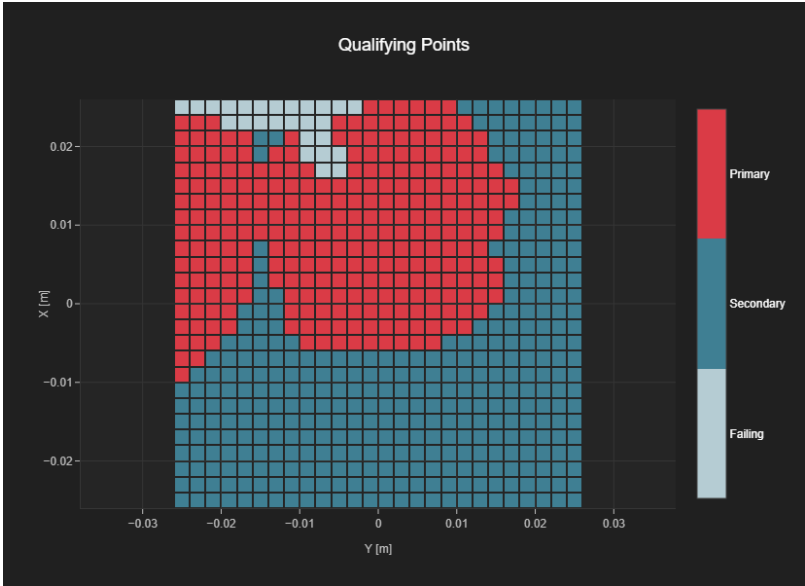
| | | | |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0 | 2.0 | 2.0 |



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 |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 281 | 650 | 26 | 26 |



Plot No.36 T-Coil Signal Test Report

Measurement performed on September 28, 2023

Device Under Test

| | | | |
|--------------|-------|---------------------|-----------------------|
| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
| Google | GKV4X | 151.0 x 72.0 x 10.0 | 150.0 |

Hardware Setup

| | | | |
|---------------|------------------------|------------|----------------------|
| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023 | DAE4 Sn699 | February 22, 2023 |

Communication Systems

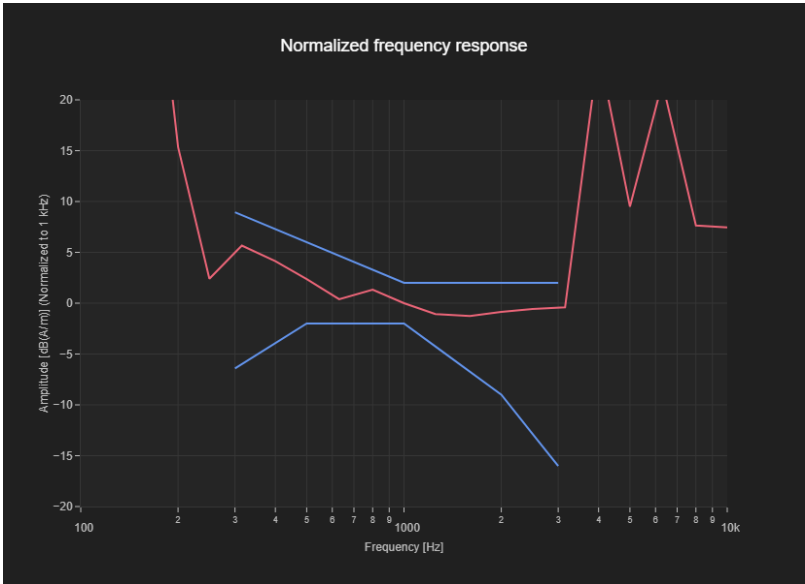
| | | | |
|-----------|-------------------------------|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| PCS 1900 | EDGE-FDD (TDMA, 8PSK, TN 0-1) | 661 | 1880.0 |

Grid Settings

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

Results

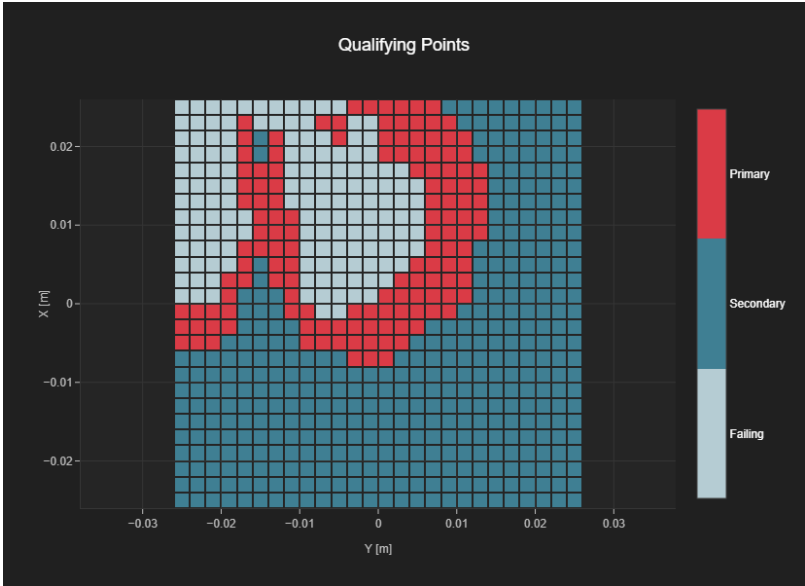
| | | | |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0 | 1.96 | 2.0 |



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 |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 136 | 530 | 26 | 26 |



Plot No.37 T-Coil Signal Test Report

Measurement performed on September 28, 2023

Device Under Test

| | | | |
|--------------|-------|---------------------|-----------------------|
| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
| Google | GKV4X | 151.0 x 72.0 x 10.0 | 150.0 |

Hardware Setup

| | | | |
|---------------|------------------------|------------|----------------------|
| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023 | DAE4 Sn699 | February 22, 2023 |

Communication Systems

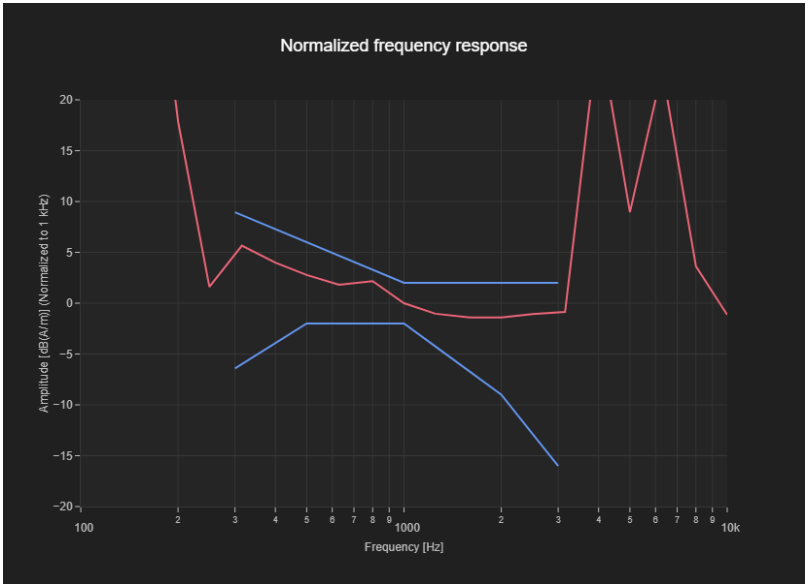
| | | | |
|------------------|----------------------------|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| Band 2, UTRA/FDD | UMTS-FDD (HSPA+) | 9400 | 1880.0 |

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

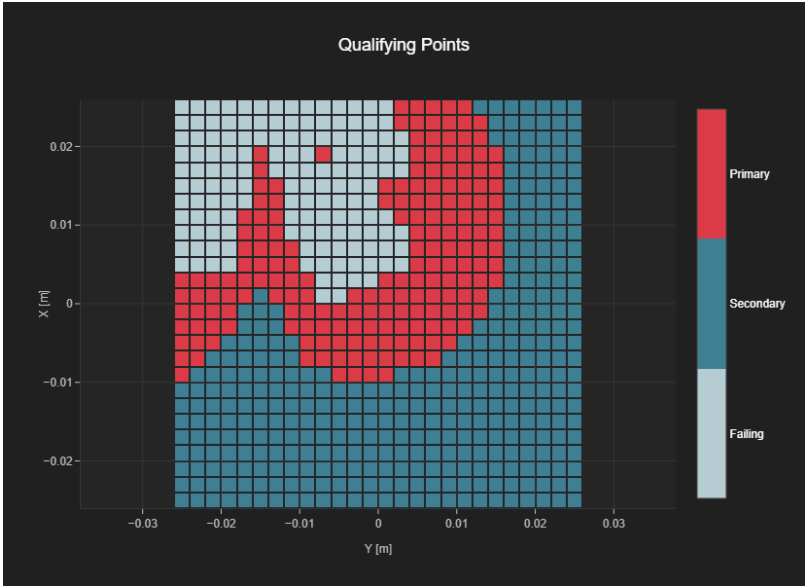
| | | | |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0 | 1.11 | 2.0 |



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 |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 186 | 532 | 26 | 26 |



Plot No.38 T-Coil Signal Test Report

Measurement performed on September 28, 2023

Device Under Test

| | | | |
|--------------|-------|---------------------|-----------------------|
| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
| Google | GKV4X | 151.0 x 72.0 x 10.0 | 150.0 |

Hardware Setup

| | | | |
|---------------|------------------------|------------|----------------------|
| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023 | DAE4 Sn699 | February 22, 2023 |

Communication Systems

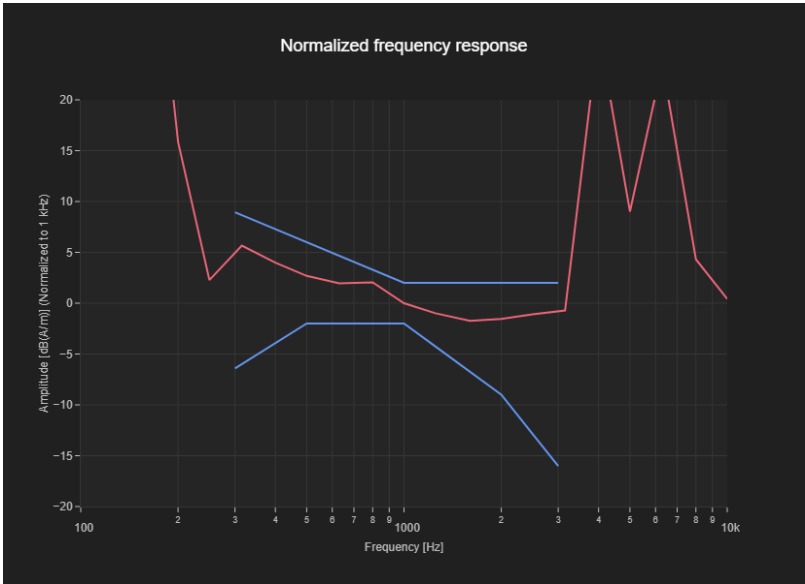
| | | | |
|------------------|----------------------------|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| Band 4, UTRA/FDD | UMTS-FDD (HSPA+) | 1413 | 1732.6 |

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

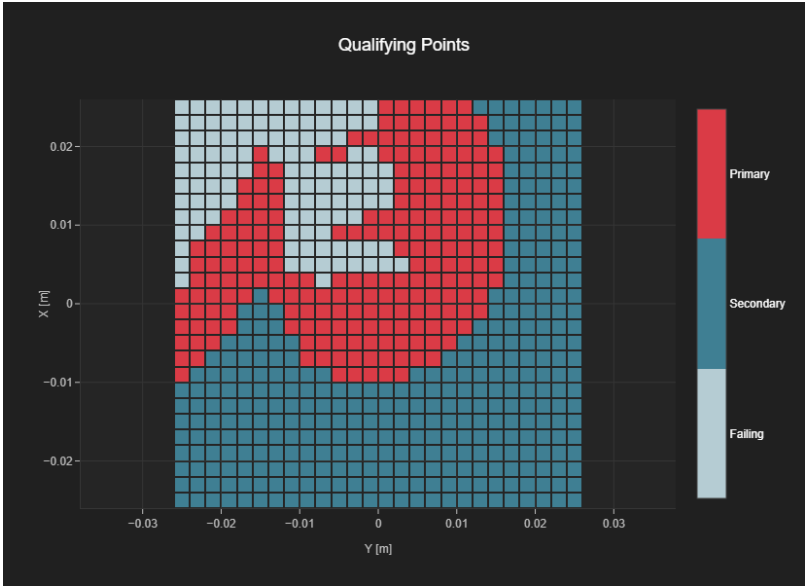
| | | | |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0 | 1.23 | 2.0 |



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 |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 217 | 563 | 26 | 26 |



Plot No.39 T-Coil Signal Test Report

Measurement performed on September 28, 2023

Device Under Test

| | | | |
|--------------|-------|---------------------|-----------------------|
| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
| Google | GKV4X | 151.0 x 72.0 x 10.0 | 150.0 |

Hardware Setup

| | | | |
|---------------|------------------------|------------|----------------------|
| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023 | DAE4 Sn699 | February 22, 2023 |

Communication Systems

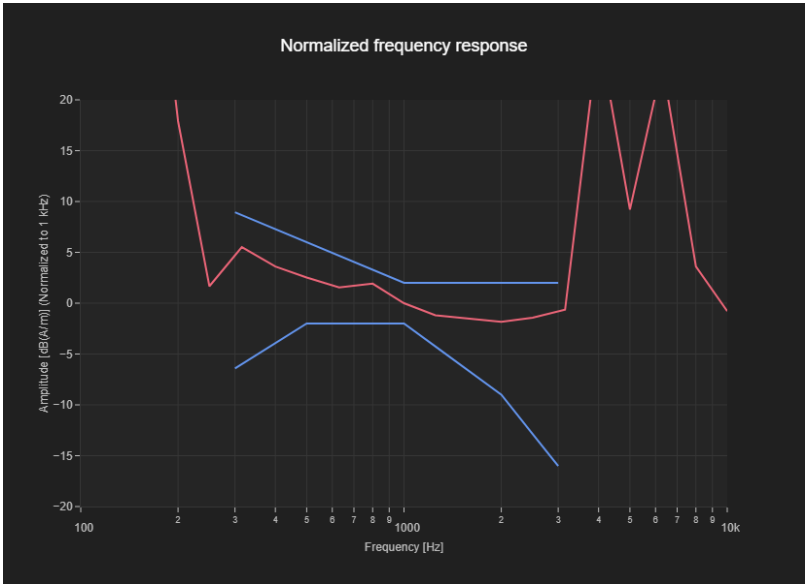
| | | | |
|------------------|----------------------------|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| Band 5, UTRA/FDD | UMTS-FDD (HSPA+) | 4182 | 836.4 |

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

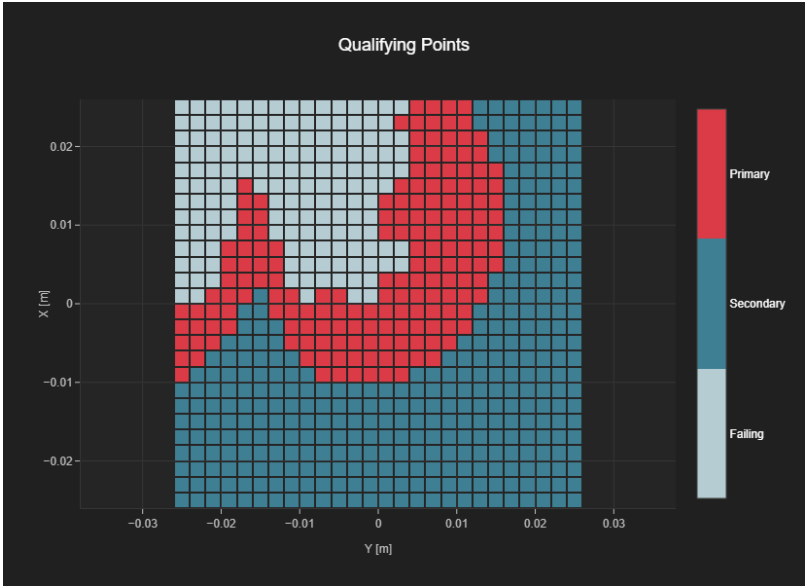
| | | | |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0 | 1.37 | 2.0 |



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 |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 173 | 520 | 26 | 26 |



Plot No.40 T-Coil Signal Test Report

Measurement performed on September 28, 2023

Device Under Test

| | | | |
|--------------|-------|---------------------|-----------------------|
| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
| Google | GKV4X | 151.0 x 72.0 x 10.0 | 150.0 |

Hardware Setup

| | | | |
|---------------|------------------------|------------|----------------------|
| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023 | DAE4 Sn699 | February 22, 2023 |

Communication Systems

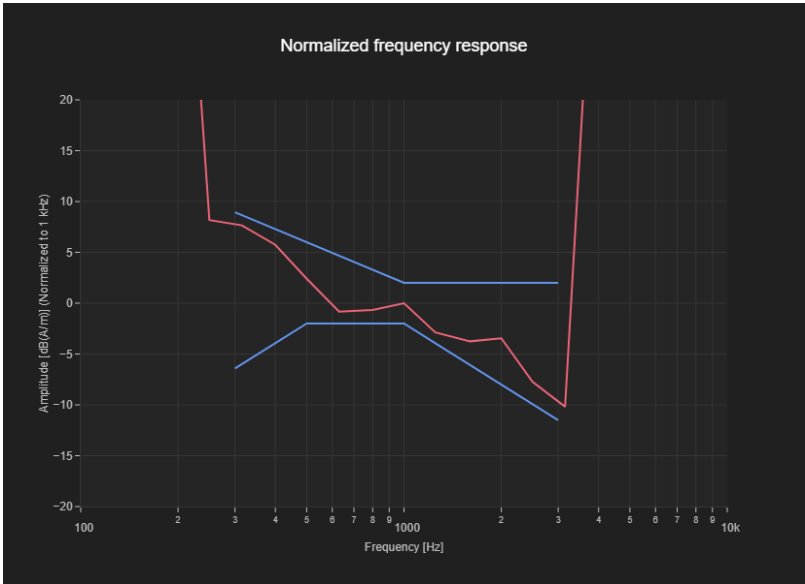
| | | | |
|---------------------|---------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| Band 66, E-UTRA/FDD | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 132322 | 1745.0 |

Grid Settings

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

Results

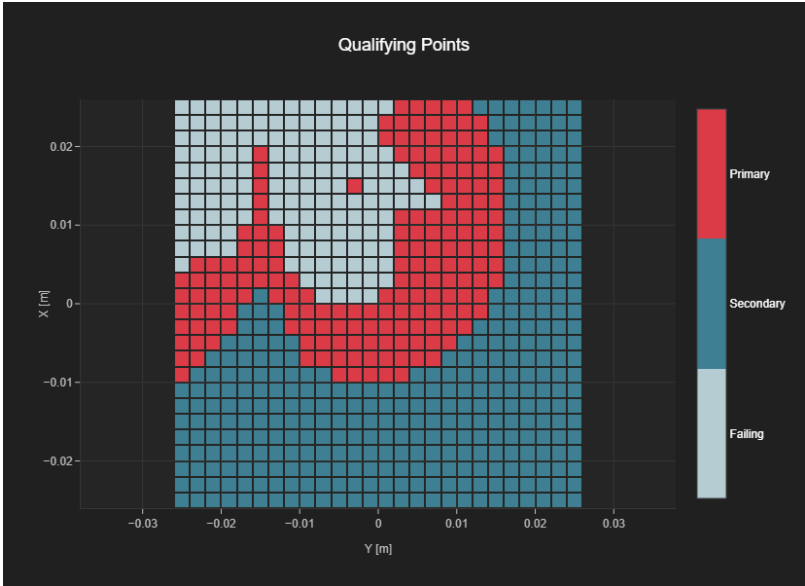
| | | | |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0 | 1.18 | 1.06 |



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 |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 180 | 525 | 26 | 26 |



Plot No.41 T-Coil Signal Test Report

Measurement performed on September 28, 2023

Device Under Test

| | | | |
|--------------|-------|---------------------|-----------------------|
| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
| Google | GKV4X | 151.0 x 72.0 x 10.0 | 150.0 |

Hardware Setup

| | | | |
|---------------|------------------------|------------|----------------------|
| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023 | DAE4 Sn699 | February 22, 2023 |

Communication Systems

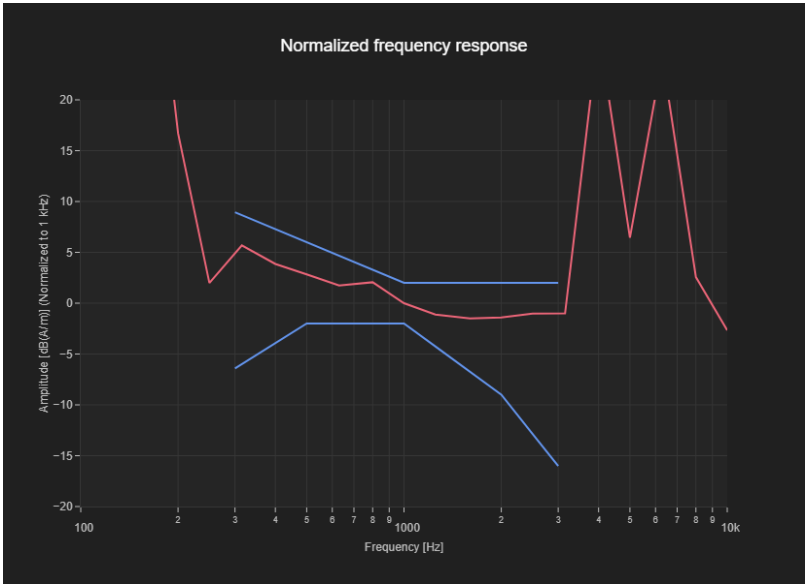
| | | | |
|---------------------|---------------------------------------|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| Band 41, E-UTRA/TDD | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | 40620 | 2593.0 |

Grid Settings

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

Results

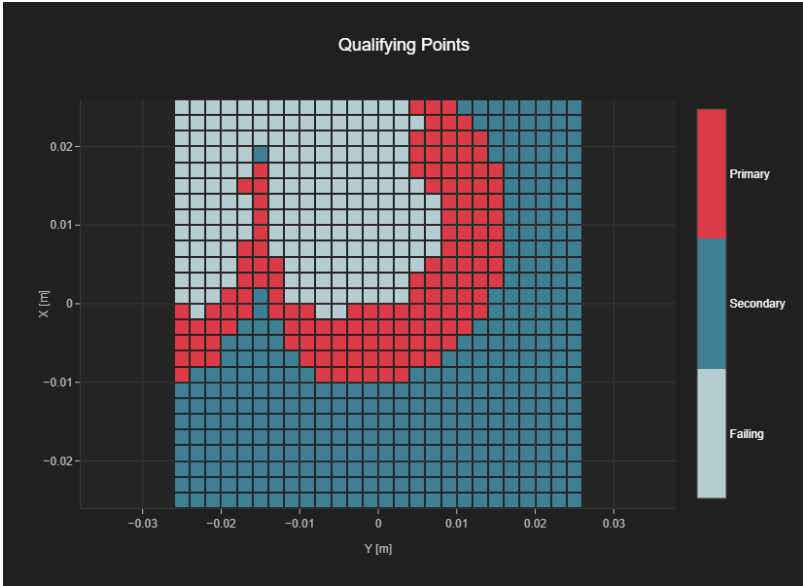
| | | | |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0 | 1.23 | 2.0 |



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 |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 141 | 486 | 26 | 26 |



Plot No.42 T-Coil Signal Test Report

Measurement performed on September 28, 2023

Device Under Test

| | | | |
|--------------|-------|---------------------|-----------------------|
| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
| Google | GKV4X | 151.0 x 72.0 x 10.0 | 150.0 |

Hardware Setup

| | | | |
|---------------|------------------------|------------|----------------------|
| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023 | DAE4 Sn699 | February 22, 2023 |

Communication Systems

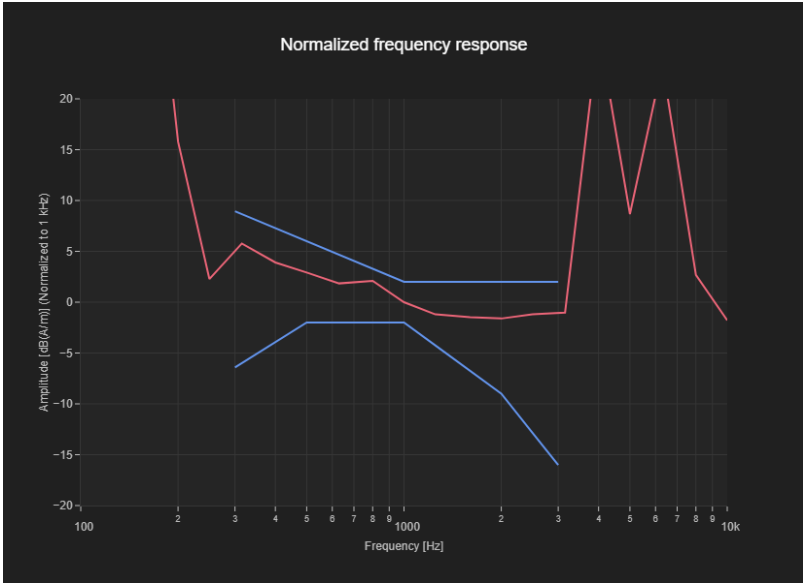
| | | | |
|-----------|--|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| Band n70 | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) | 340500 | 1702.5 |

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

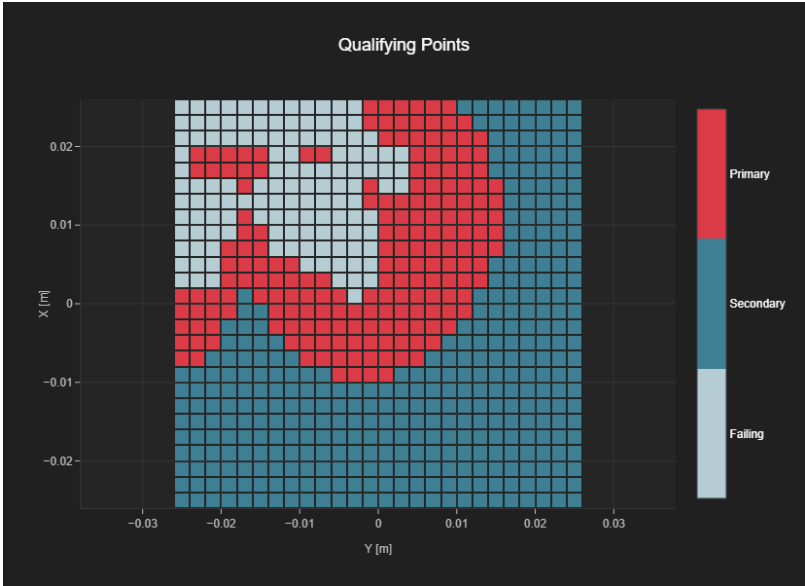
| | | | |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0 | 1.19 | 2.0 |



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 |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 191 | 548 | 26 | 26 |



Plot No.43 T-Coil Signal Test Report

Measurement performed on September 28, 2023

Device Under Test

| | | | |
|--------------|-------|---------------------|-----------------------|
| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
| Google | GKV4X | 151.0 x 72.0 x 10.0 | 150.0 |

Hardware Setup

| | | | |
|---------------|------------------------|------------|----------------------|
| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023 | DAE4 Sn699 | February 22, 2023 |

Communication Systems

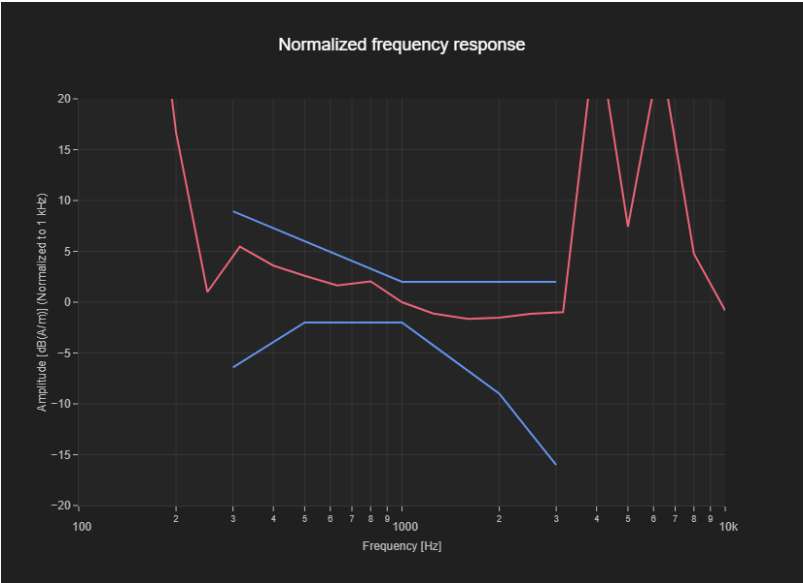
| | | | |
|-----------|---|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| Band n48 | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) | 641666 | 3624.985 |

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

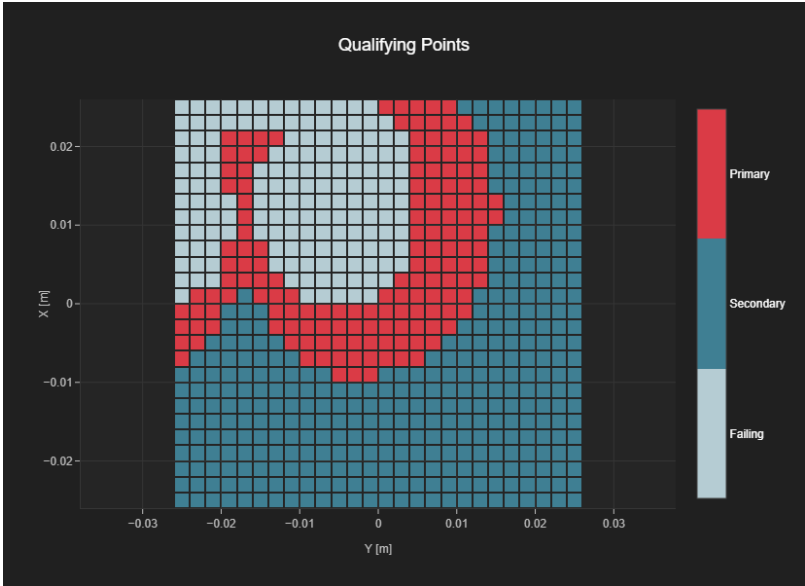
| | | | |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0 | 1.24 | 2.0 |



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 |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 154 | 518 | 26 | 26 |



Plot No.44 T-Coil Signal Test Report

Measurement performed on September 28, 2023

Device Under Test

| | | | |
|--------------|-------|---------------------|-----------------------|
| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
| Google | GKV4X | 151.0 x 72.0 x 10.0 | 150.0 |

Hardware Setup

| | | | |
|---------------|------------------------|------------|----------------------|
| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023 | DAE4 Sn699 | February 22, 2023 |

Communication Systems

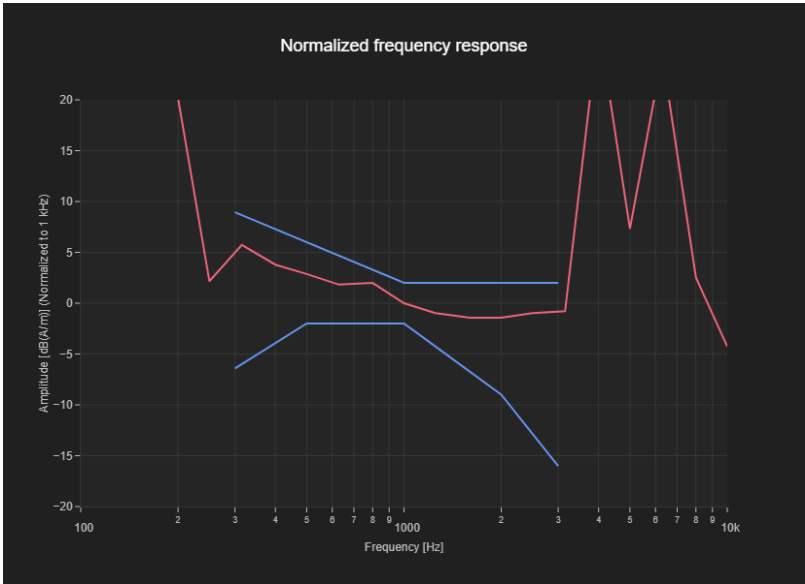
| | | | |
|-------------|--|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| WLAN 2.4GHz | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) | 6 | 2437.0 |

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

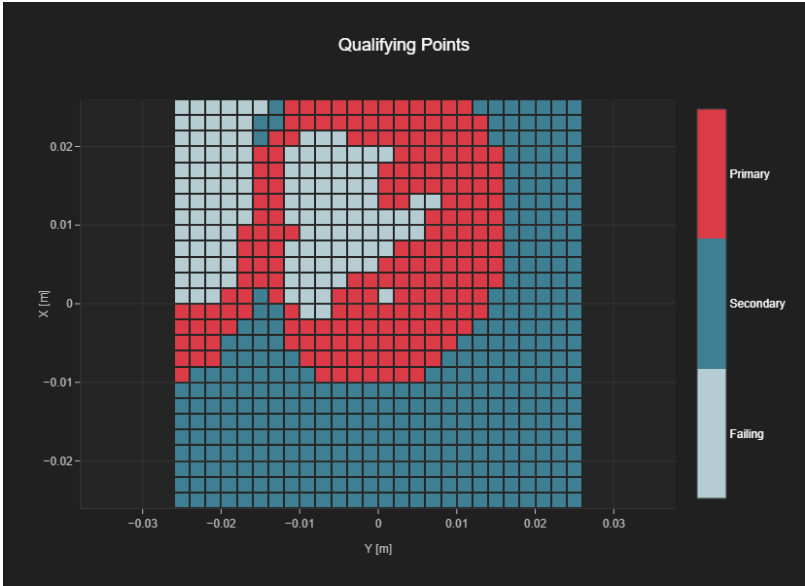
| | | | |
|---------------------------|--------------------------|-------------------------|-------------------------|
| Audio File | Measurement Duration [s] | Margin Upper Bound [dB] | Margin Lower Bound [dB] |
| 48k_voice_300-3000_2s.wav | 2.0 | 1.29 | 2.0 |



Plot No.44 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 | 546 | 26 | 26 |



Plot No.45 T-Coil Signal Test Report

Measurement performed on September 28, 2023

Device Under Test

| | | | |
|--------------|-------|---------------------|-----------------------|
| Manufacturer | Model | Dimensions [mm] | Speaker Position [mm] |
| Google | GKV4X | 151.0 x 72.0 x 10.0 | 150.0 |

Hardware Setup

| | | | |
|---------------|------------------------|------------|----------------------|
| Probe Name | Probe Calibration Date | DAE Name | DAE Calibration Date |
| AM1DV3 - 3130 | August 21, 2023 | DAE4 Sn699 | February 22, 2023 |

Communication Systems

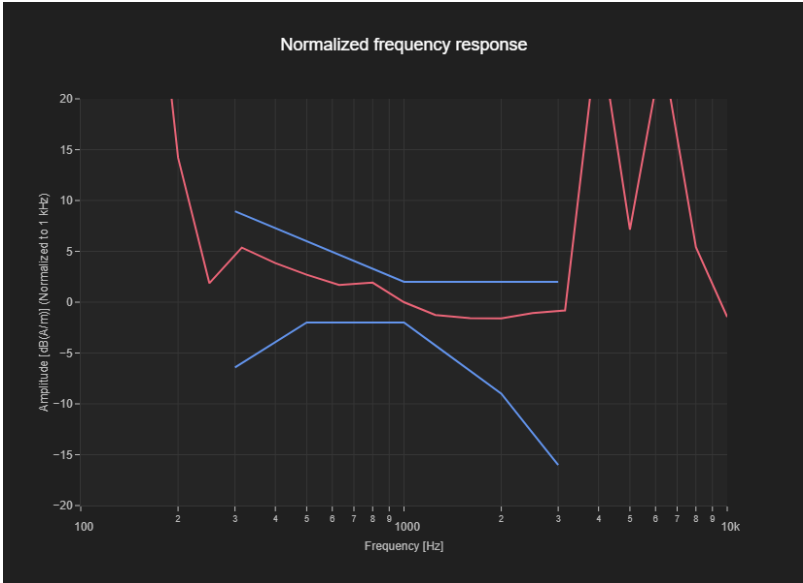
| | | | |
|-----------|---|---------|-----------------|
| Band Name | Communication Systems Name | Channel | Frequency [MHz] |
| WLAN 5GHz | IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle) | 60 | 5300.0 |

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 | 1.37 | 2.0 |



Plot No.45 T-Coil Coupling Mode Test Report

Results

| Primary Group Contiguous Point Count | Secondary Group Point Count | Secondary Group Max Longitudinal | Secondary Group Max Transverse |
|--------------------------------------|-----------------------------|----------------------------------|--------------------------------|
| 184 | 525 | 26 | 26 |

