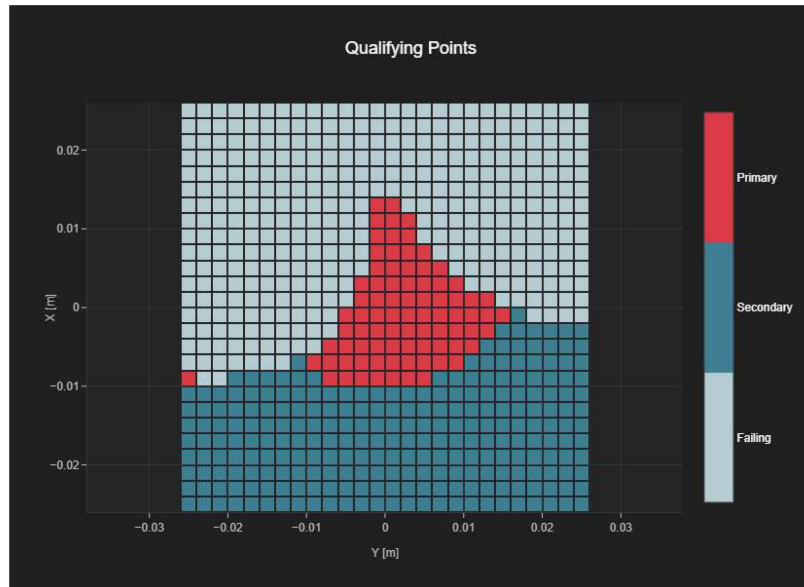


# T-Coil Coupling Mode Test Report

## Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
82	329	20	26



# T-Coil Signal Test Report

Measurement performed on October 19, 2023 at 14:55

## Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
Samsung Electronics	SM-S921U		

## Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3137	July 14, 2023	DAE4 Sn1343	June 30, 2023

## Communication Systems

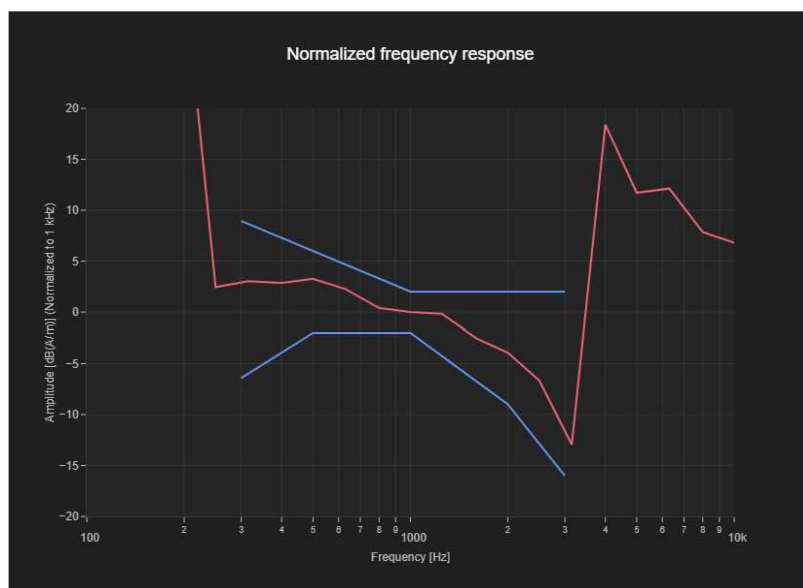
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 41, E-UTRA/TDD	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	40620	2593.0

## 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

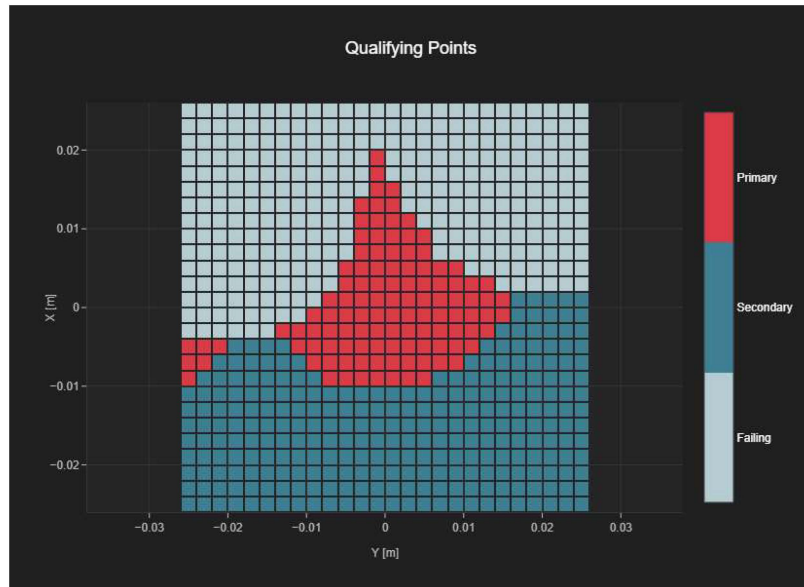
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	2.0



# T-Coil Coupling Mode Test Report

## Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
113	380	23	26



# T-Coil Signal Test Report

Measurement performed on October 19, 2023 at 18:28

## Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
Samsung Electronics	SM-S921U		

## Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3137	July 14, 2023	DAE4 Sn1343	June 30, 2023

## Communication Systems

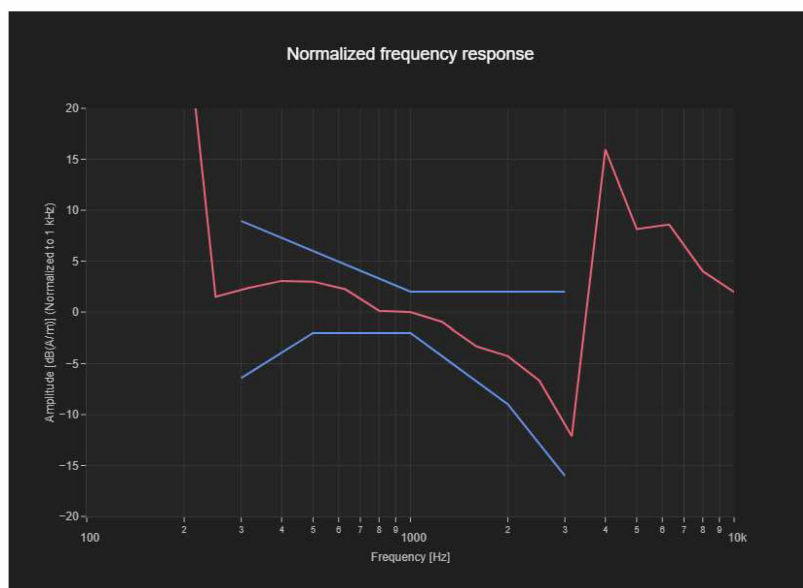
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 48, E-UTRA/TDD	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	55773	3603.3

## Grid Settings

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

## Results

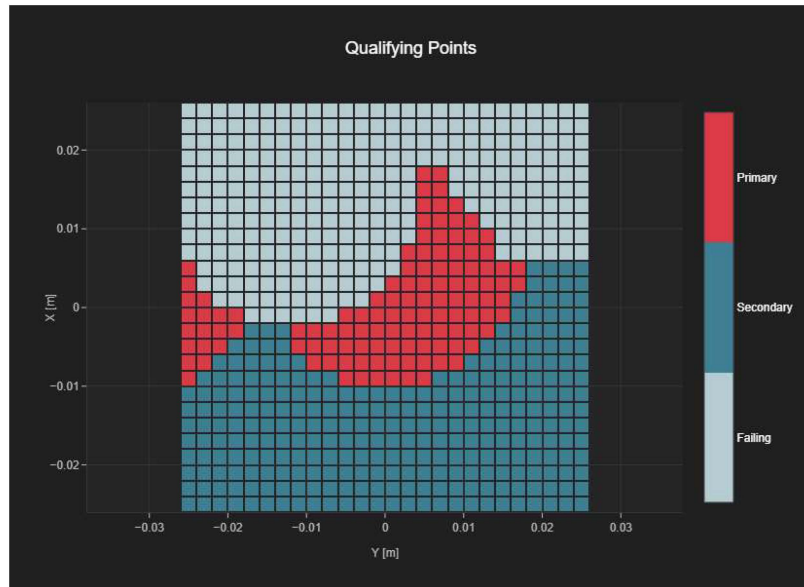
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	2.0



# T-Coil Coupling Mode Test Report

## Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
118	397	22	26



# T-Coil Signal Test Report

Measurement performed on October 09, 2023 at 07:53

## Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
Samsung Electronics	SM-S921U		

## Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3137	July 14, 2023	DAE4 Sn1343	June 30, 2023

## Communication Systems

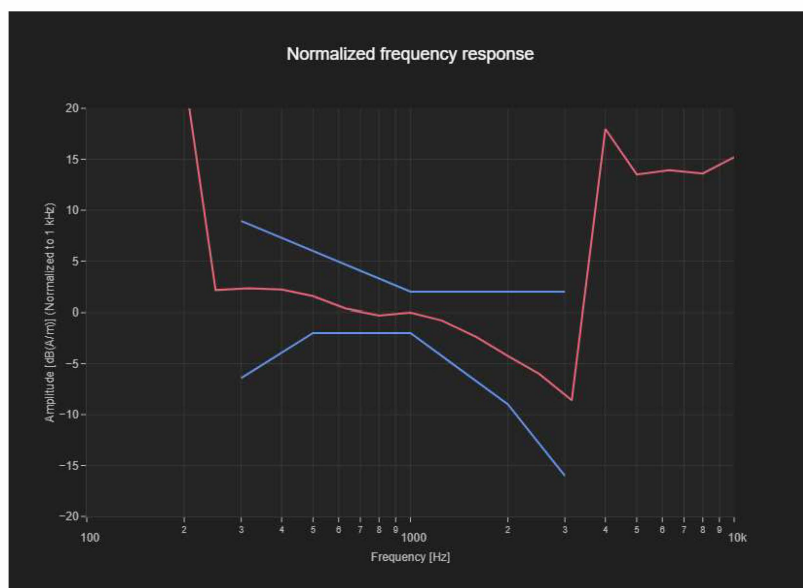
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n7	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	507000	2535.0

## Grid Settings

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

## Results

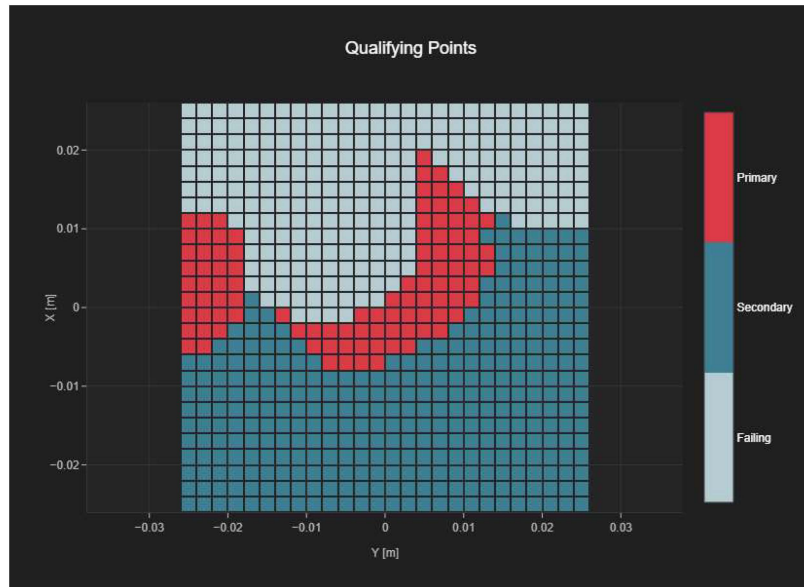
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	1.72



# T-Coil Coupling Mode Test Report

## Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
101	432	23	26



# T-Coil Signal Test Report

Measurement performed on October 09, 2023 at 07:24

## Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
Samsung Electronics	SM-S921U		

## Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3137	July 14, 2023	DAE4 Sn1343	June 30, 2023

## Communication Systems

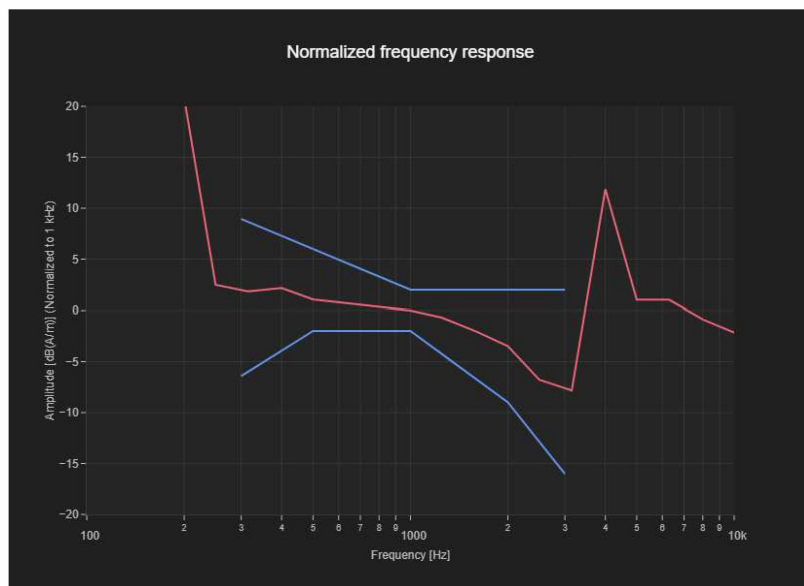
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n12	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	141500	707.5

## Grid Settings

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

## Results

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

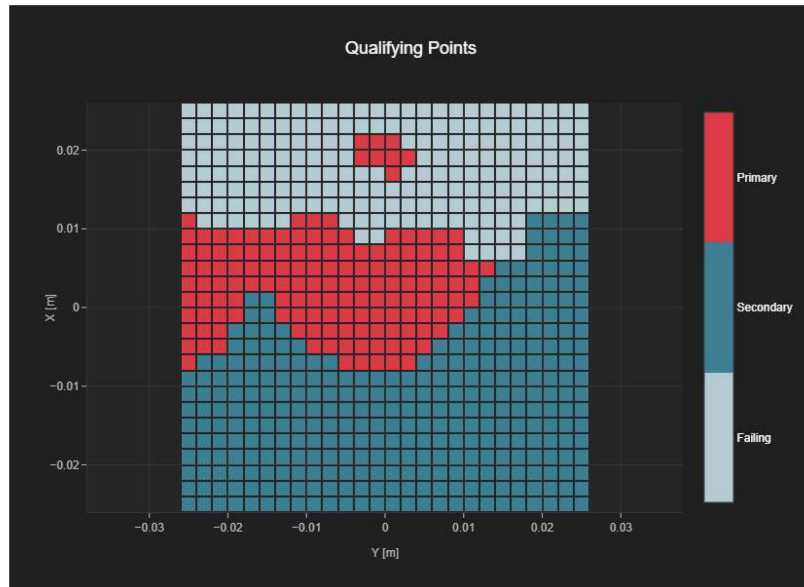




# T-Coil Coupling Mode Test Report

## Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
148	474	21	26



# T-Coil Signal Test Report

Measurement performed on October 06, 2023 at 16:23

## Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
Samsung Electronics	SM-S921U		

## Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3137	July 14, 2023	DAE4 Sn1343	June 30, 2023

## Communication Systems

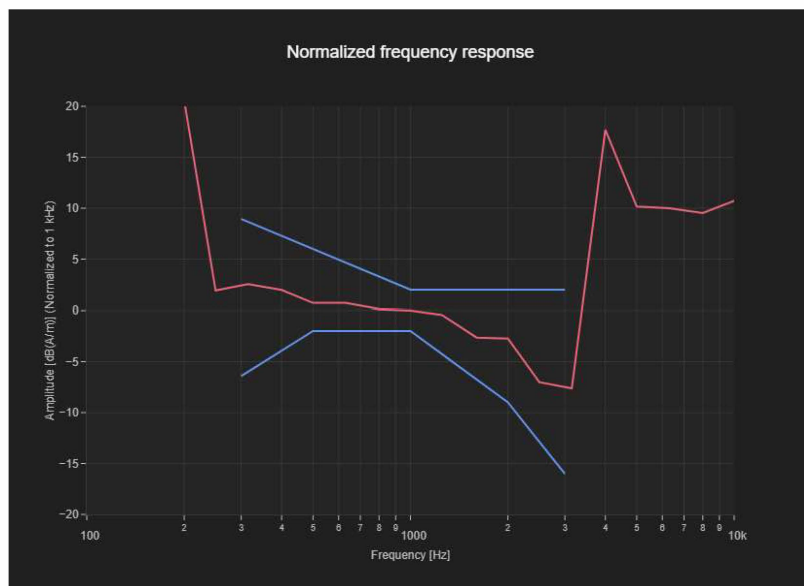
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n25	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	376500	1882.5

## Grid Settings

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

## Results

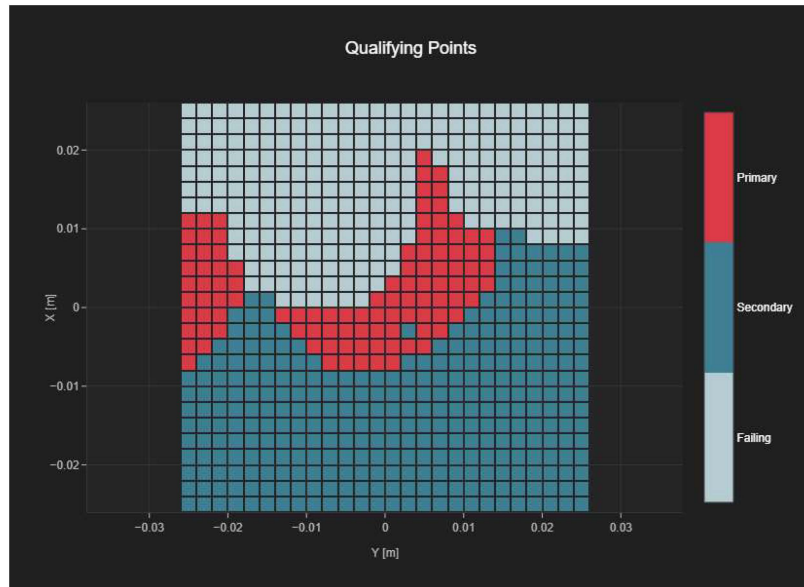
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	2.0



# T-Coil Coupling Mode Test Report

## Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
105	429	23	26



# T-Coil Signal Test Report

Measurement performed on October 09, 2023 at 09:57

## Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
Samsung Electronics	SM-S921U		

## Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3137	July 14, 2023	DAE4 Sn1343	June 30, 2023

## Communication Systems

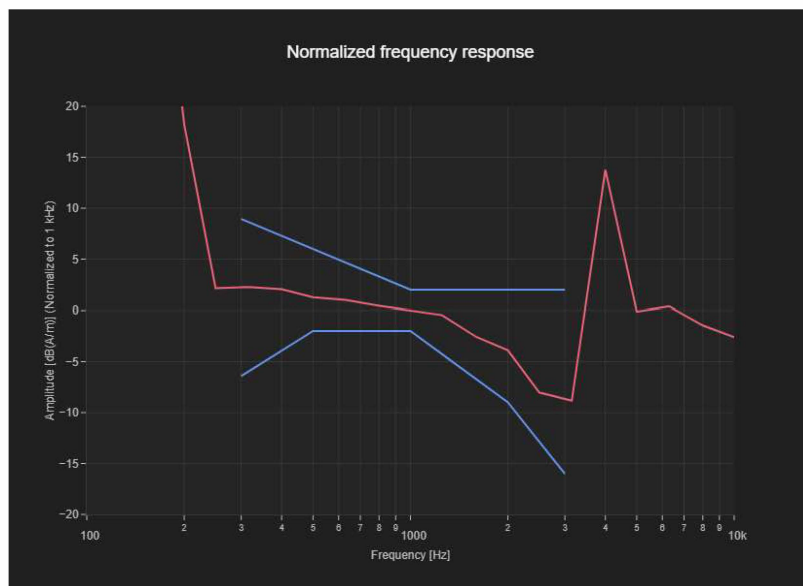
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n26	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	166300	831.5

## 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

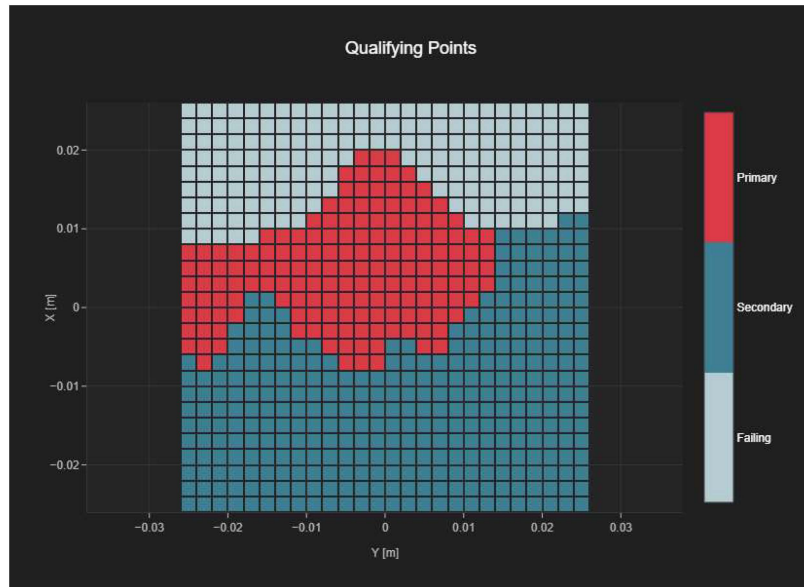
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	2.0



# 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	497	23	26



# T-Coil Signal Test Report

Measurement performed on October 09, 2023 at 08:59

## Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
Samsung Electronics	SM-S921U		

## Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3137	July 14, 2023	DAE4 Sn1343	June 30, 2023

## 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	2.0	2.0

