

Plot No.01 T-Coil Signal Test Report

Measurement performed on January 14, 2024

Device Under Test

Dimensions [mm]	Speaker Position [mm]
160.0 x 74.0 x 9.0	159.0

Hardware Setup

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

Communication Systems

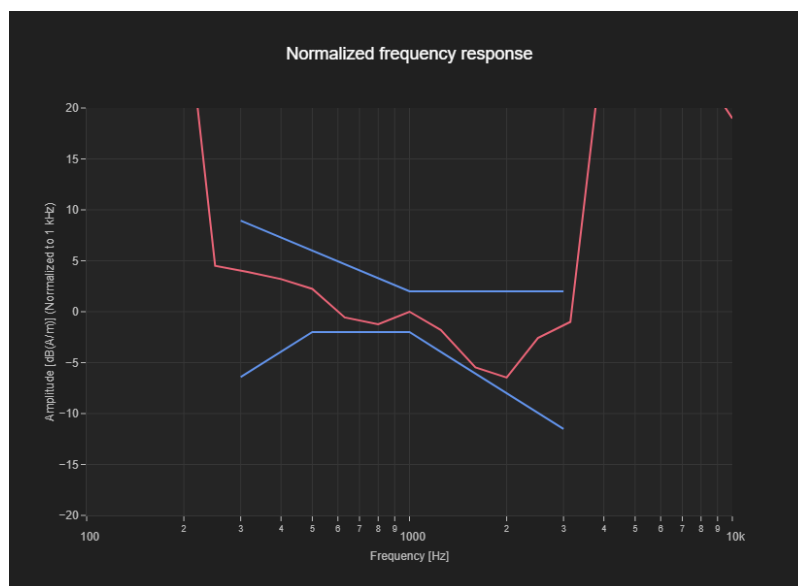
Band Name	Communication Systems Name	Channel	Frequency [MHz]
GSM 850	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	189	836.4

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

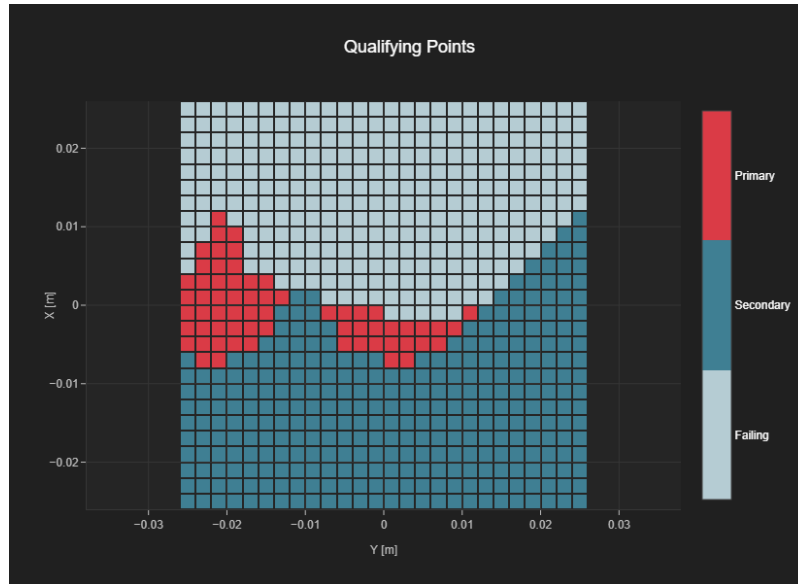
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	0.59



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
63	378	19	26



Plot No.02 T-Coil Signal Test Report

Measurement performed on January 14, 2024

Device Under Test

Dimensions [mm]	Speaker Position [mm]
160.0 x 74.0 x 9.0	159.0

Hardware Setup

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

Communication Systems

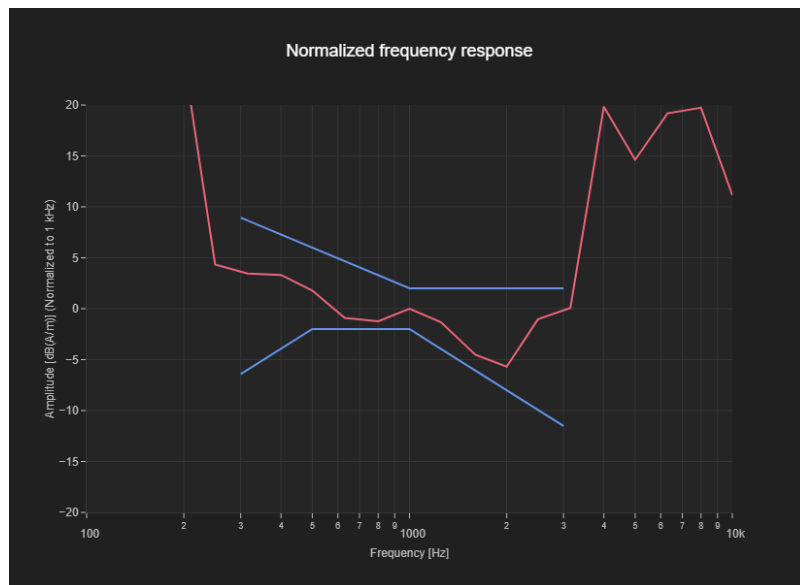
Band Name	Communication Systems Name	Channel	Frequency [MHz]
PCS 1900	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	661	1880.0

Grid Settings

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

Results

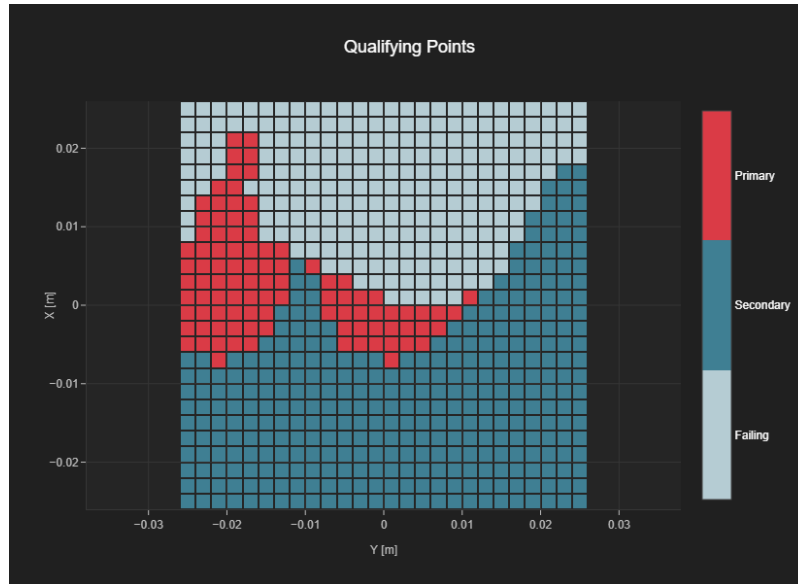
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	0.77



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
97	438	24	26



Plot No.03 T-Coil Signal Test Report

Measurement performed on January 14, 2024

Device Under Test

Dimensions [mm]	Speaker Position [mm]
160.0 x 74.0 x 9.0	159.0

Hardware Setup

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

Communication Systems

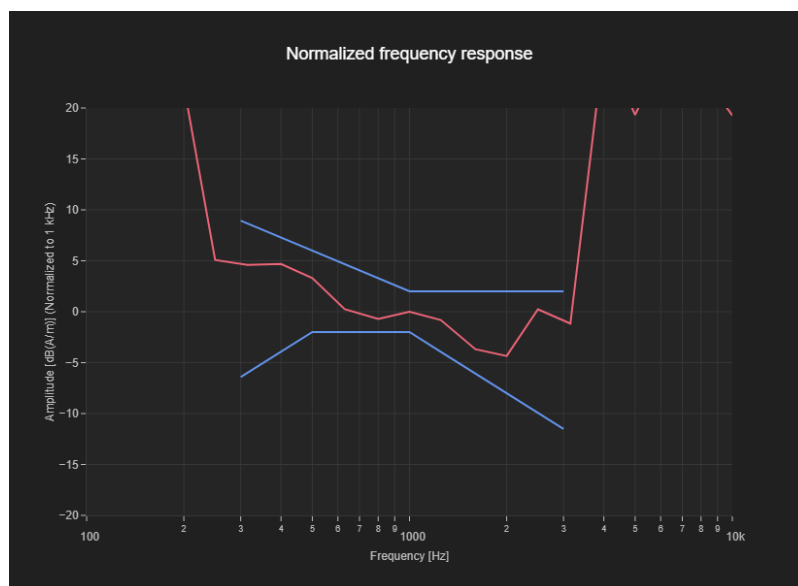
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 2, UTRA/FDD	UMTS-FDD (HSPA+)	9400	1880.0

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

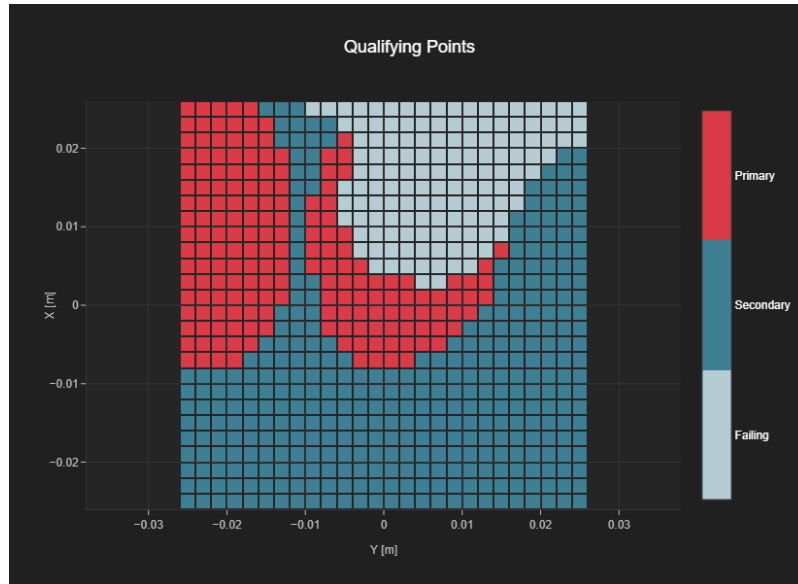
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.76	1.28



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
180	539	26	26



Plot No.04 T-Coil Signal Test Report

Measurement performed on January 14, 2024

Device Under Test

Dimensions [mm]	Speaker Position [mm]
160.0 x 74.0 x 9.0	159.0

Hardware Setup

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

Communication Systems

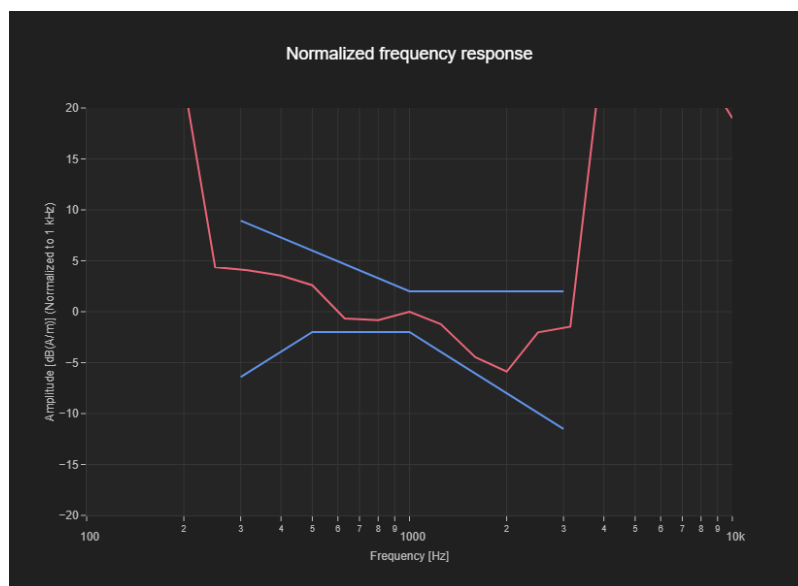
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 4, UTRA/FDD	UMTS-FDD (HSPA+)	1413	1732.6

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

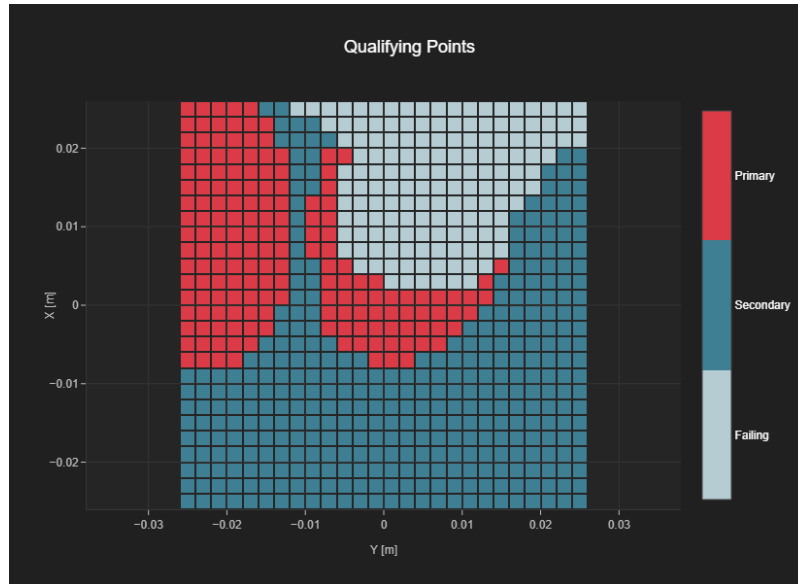
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	1.18



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
168	525	26	26



Plot No.05 T-Coil Signal Test Report

Measurement performed on January 14, 2024

Device Under Test

Dimensions [mm]	Speaker Position [mm]
160.0 x 74.0 x 9.0	159.0

Hardware Setup

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

Communication Systems

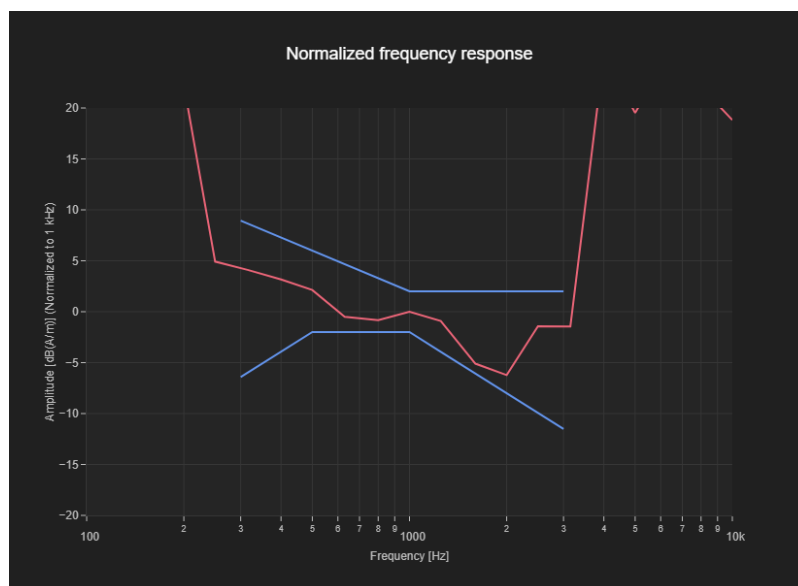
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 5, UTRA/FDD	UMTS-FDD (HSPA+)	4182	836.4

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

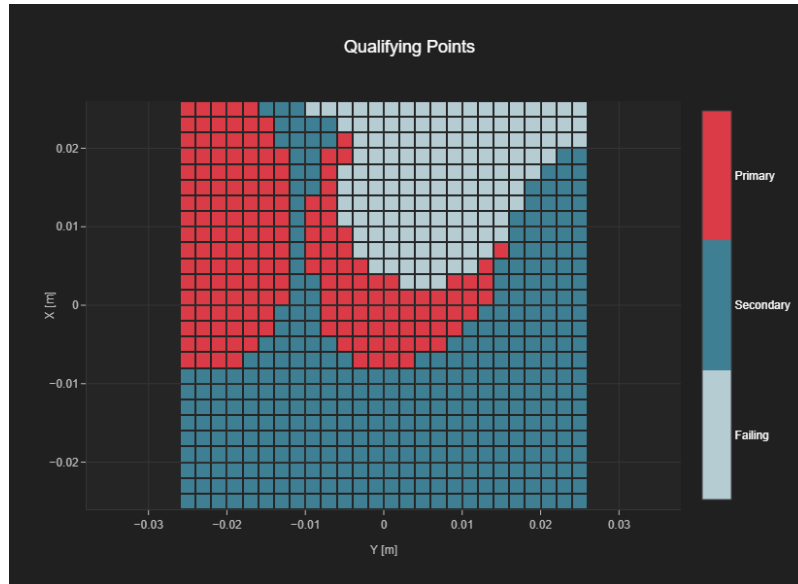
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	0.97



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
178	537	26	26



Plot No.06 T-Coil Signal Test Report

Measurement performed on January 13, 2024

Device Under Test

Dimensions [mm]	Speaker Position [mm]
160.0 x 74.0 x 9.0	159.0

Hardware Setup

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

Communication Systems

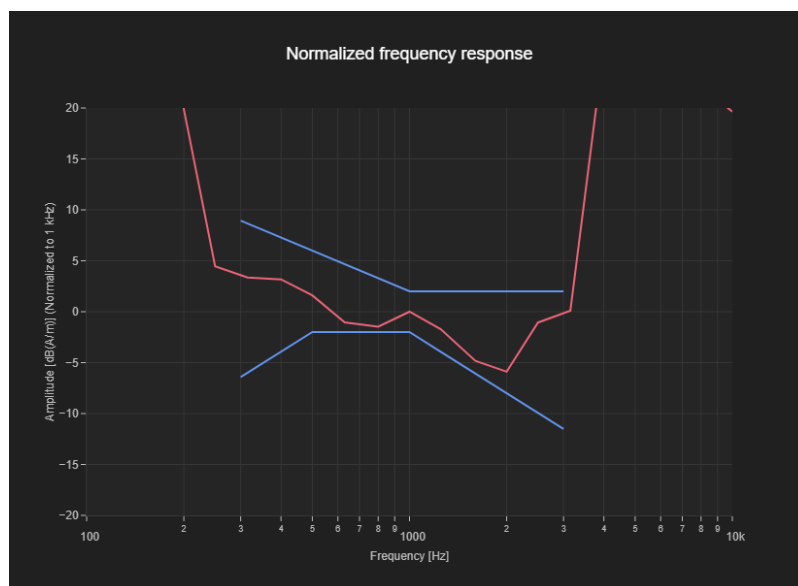
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 30, E-UTRA/FDD	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	27710	2310.0

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

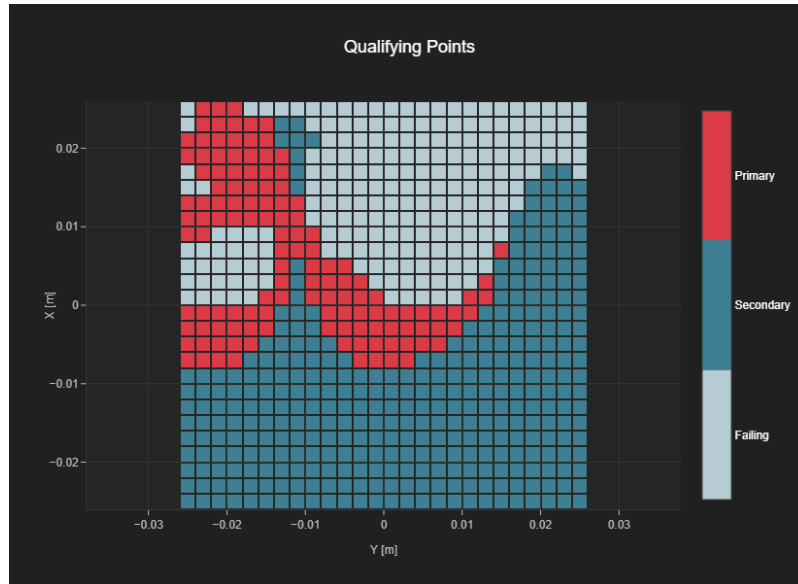
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	0.53



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
127	468	25	26



Plot No.07 T-Coil Signal Test Report

Measurement performed on January 14, 2024

Device Under Test

Dimensions [mm]	Speaker Position [mm]
160.0 x 74.0 x 9.0	159.0

Hardware Setup

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

Communication Systems

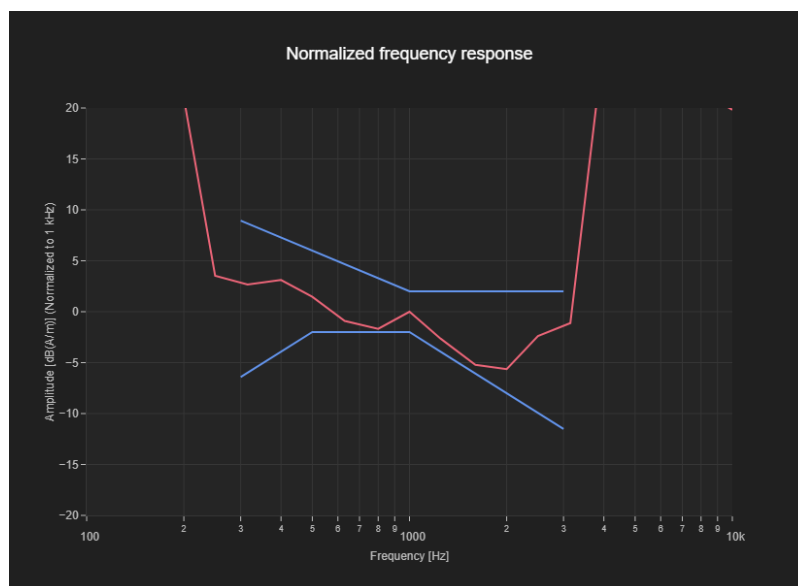
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 48, E-UTRA/TDD	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	55830	3609.0

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

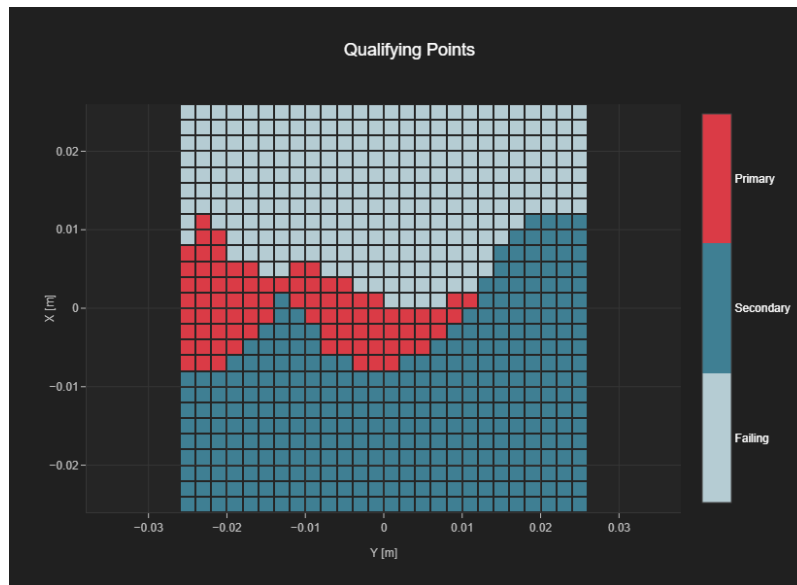
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	0.32



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
84	412	19	26



Plot No.08 T-Coil Signal Test Report

Measurement performed on January 24, 2024

Device Under Test

Dimensions [mm]	Speaker Position [mm]
160.0 x 74.0 x 9.0	159.0

Hardware Setup

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

Communication Systems

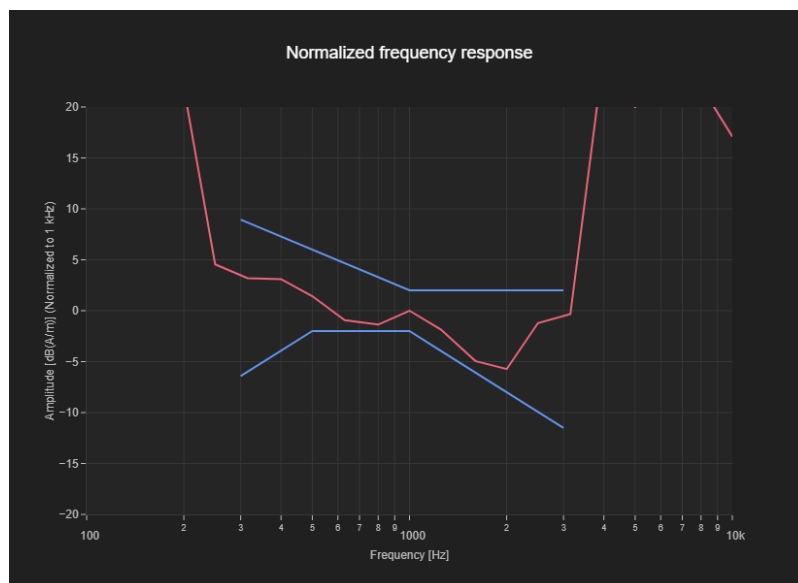
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n66	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	349000	1745.0

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

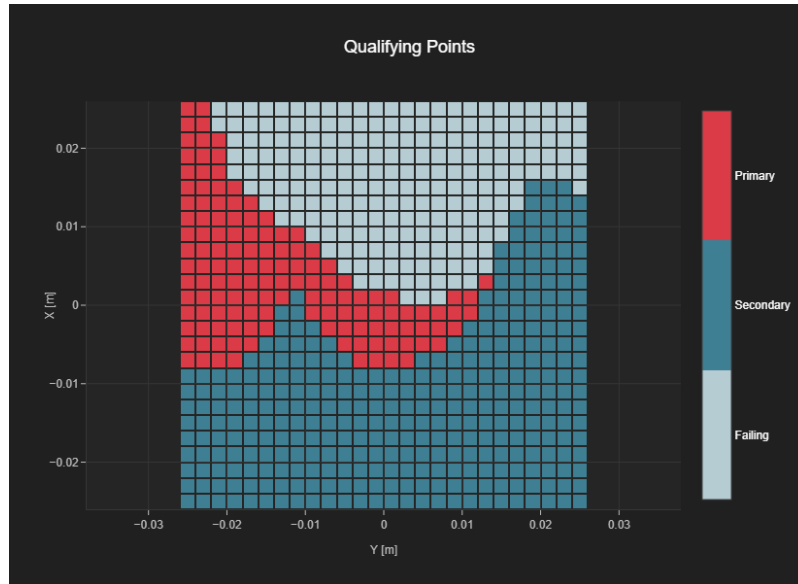
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	0.64



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
134	463	26	26



Plot No.09 T-Coil Signal Test Report

Measurement performed on January 25, 2024

Device Under Test

Dimensions [mm]	Speaker Position [mm]
160.0 x 74.0 x 9.0	159.0

Hardware Setup

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

Communication Systems

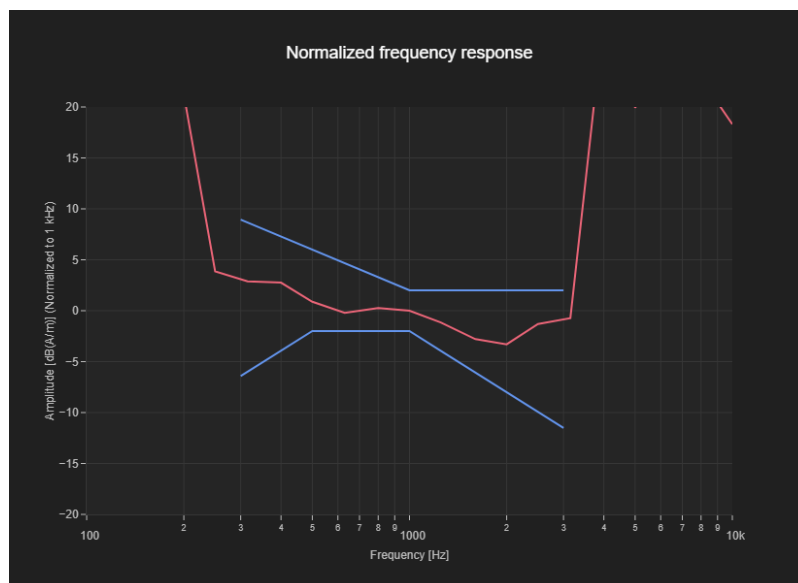
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n78	5G NR (DFT-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	636666	3549.99

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

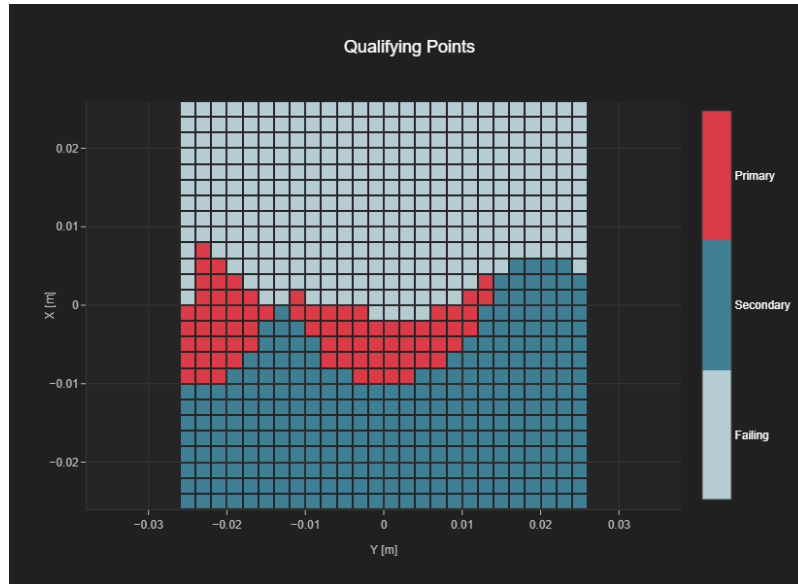
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	1.79



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
77	364	17	26



Plot No.10 T-Coil Signal Test Report

Measurement performed on January 14, 2024

Device Under Test

Dimensions [mm]	Speaker Position [mm]
160.0 x 74.0 x 9.0	159.0

Hardware Setup

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

Communication Systems

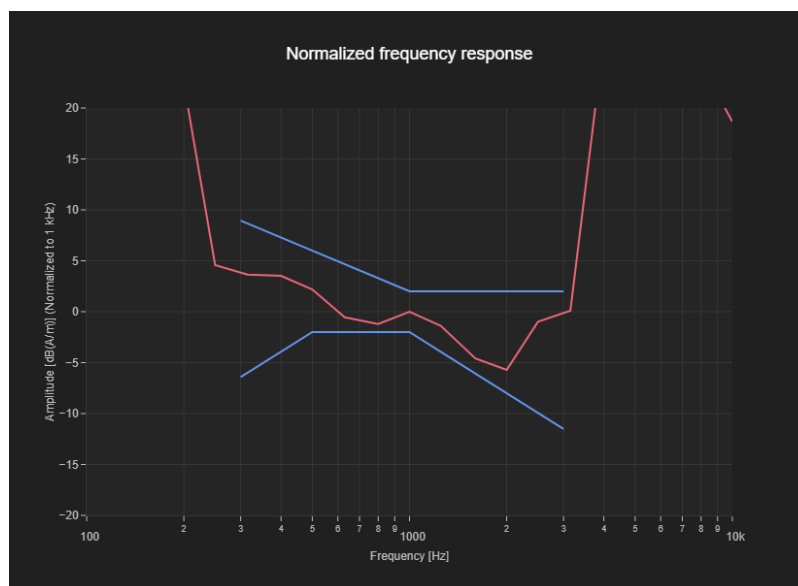
Band Name	Communication Systems Name	Channel	Frequency [MHz]
WLAN 2.4GHz	IEEE 802.11n (HT Mixed, 20MHz, MCS0)	6	2437.0

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

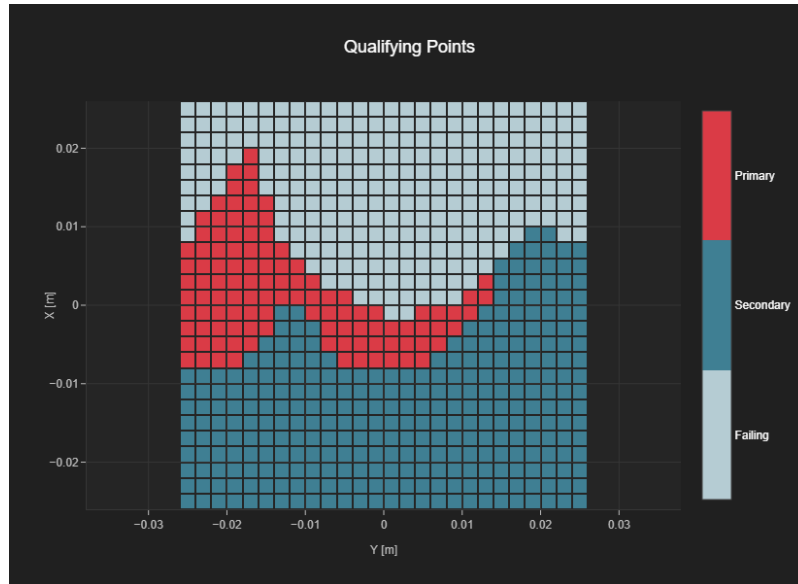
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	0.78



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
110	418	23	26



Plot No.11 T-Coil Signal Test Report

Measurement performed on January 30, 2024

Device Under Test

Dimensions [mm]	Speaker Position [mm]
160.0 x 74.0 x 9.0	159.0

Hardware Setup

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

Communication Systems

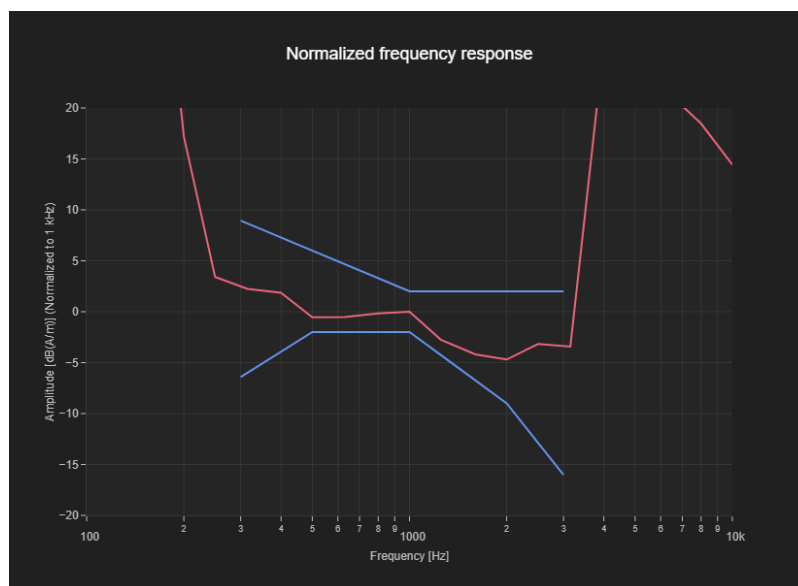
Band Name	Communication Systems Name	Channel	Frequency [MHz]
GSM 850	GSM-FDD (TDMA, GMSK)	189	836.4

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	1.46



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
176	321	16	26

