

1_GSM850_GSM Voice_AMR NB 12.2Kbps_Ch189

Measurement performed on July 14, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

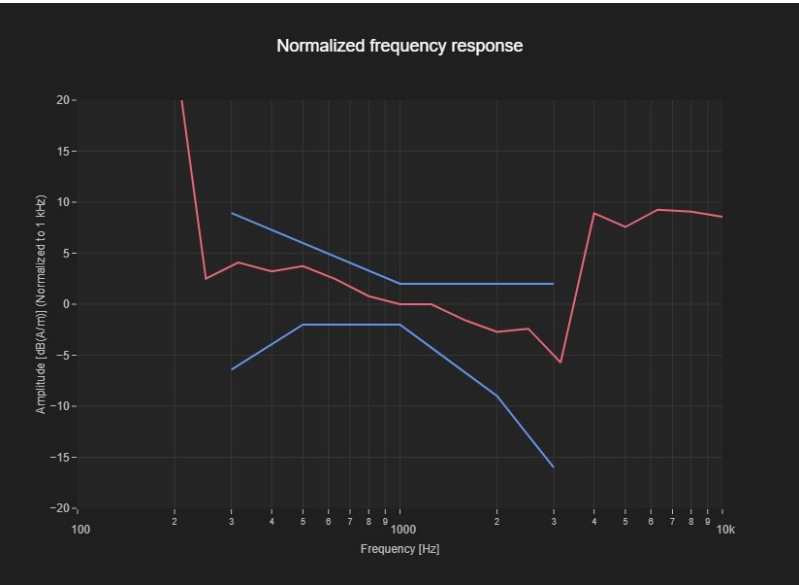
Band Name	Communication Systems Name	Channel	Frequency [MHz]
GSM 850	GSM-FDD (TDMA, GMSK)	189	836.4

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

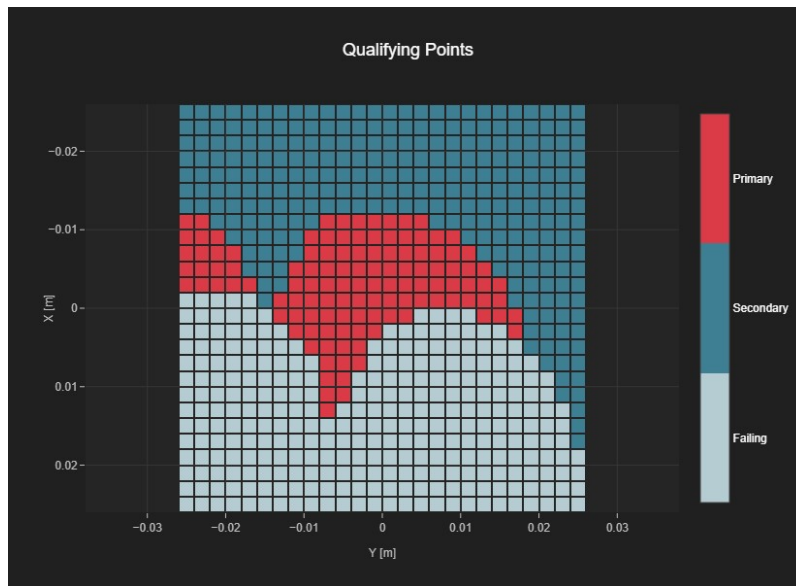
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
119	386	22	26



2_GSM1900_GSM Voice_AMR NB 12.2Kbps_Ch661

Measurement performed on July 16, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

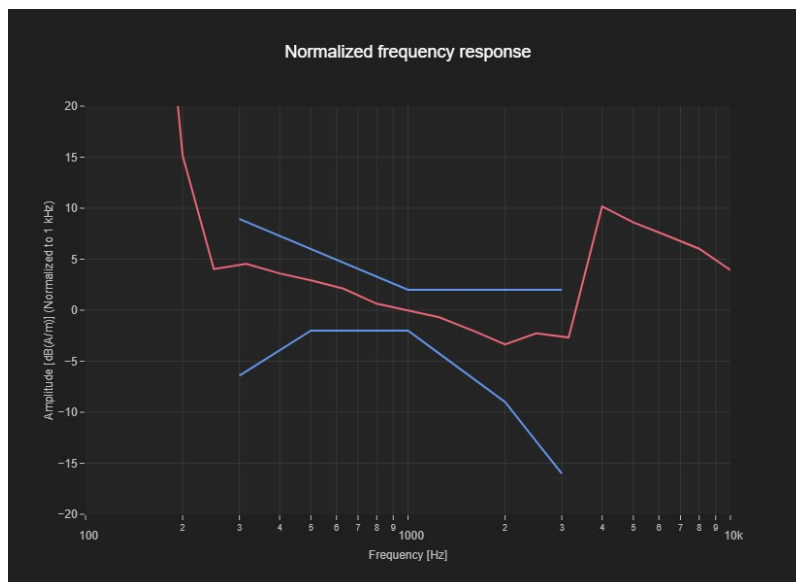
Band Name	Communication Systems Name	Channel	Frequency [MHz]
PCS 1900	GSM-FDD (TDMA, GMSK)	661	1880.0

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

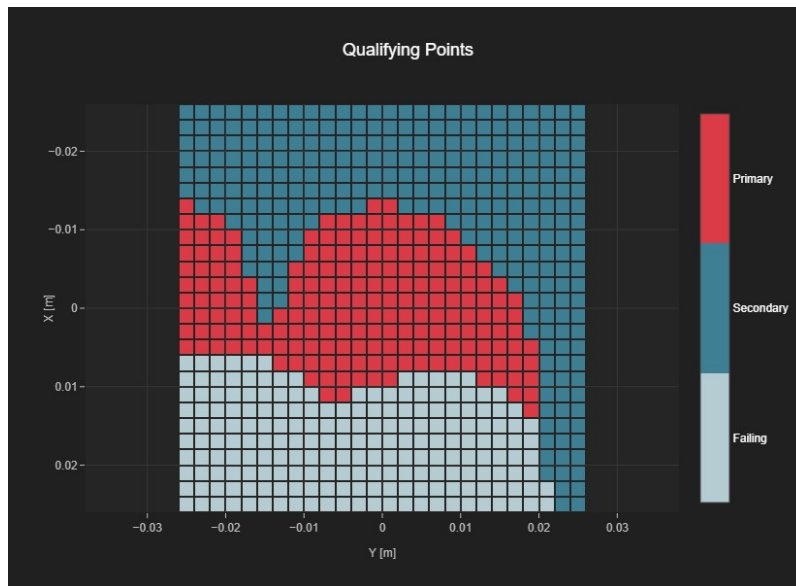
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
197	476	26	26



3_WCDMA II_AMR Voice_AMR NB 12.2Kbps_Ch9400

Measurement performed on July 15, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

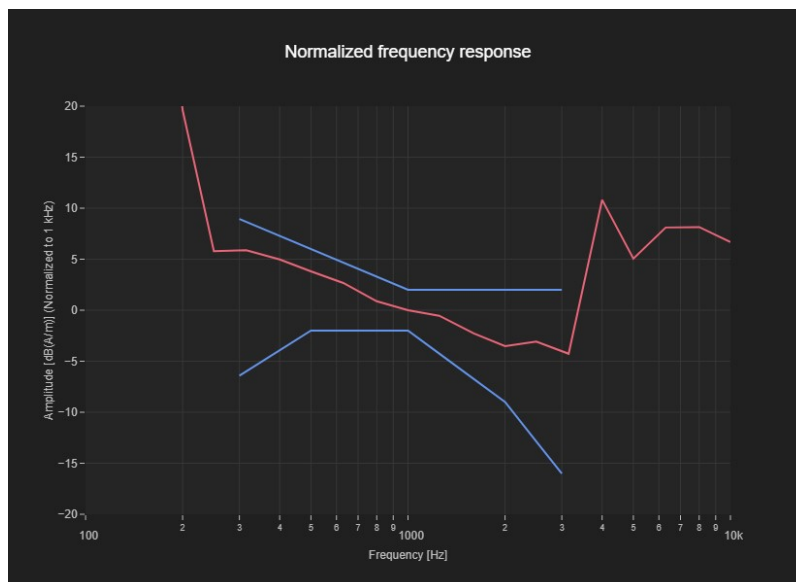
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 2	UMTS-FDD (WCDMA, AMR)	9400	1880.0

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

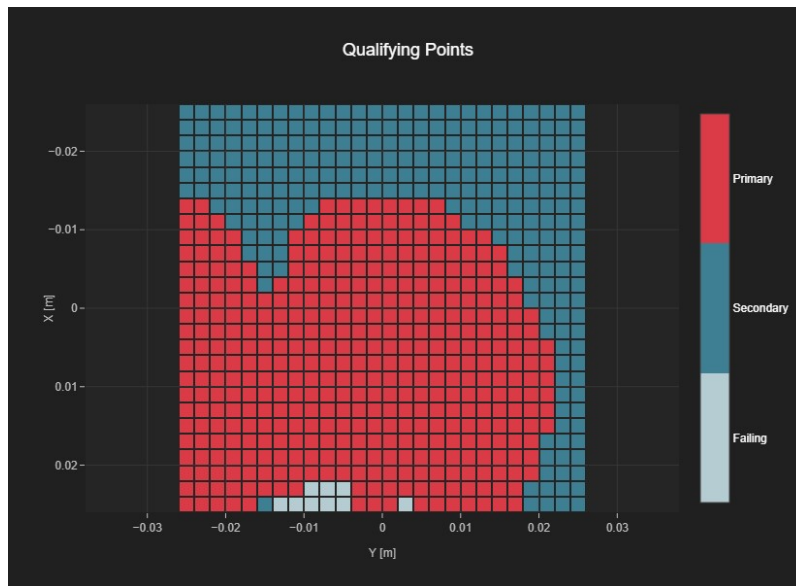
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
413	667	26	26



4_WCDMA IV_AMR Voice_AMR NB 12.2Kbps_Ch1413

Measurement performed on July 16, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

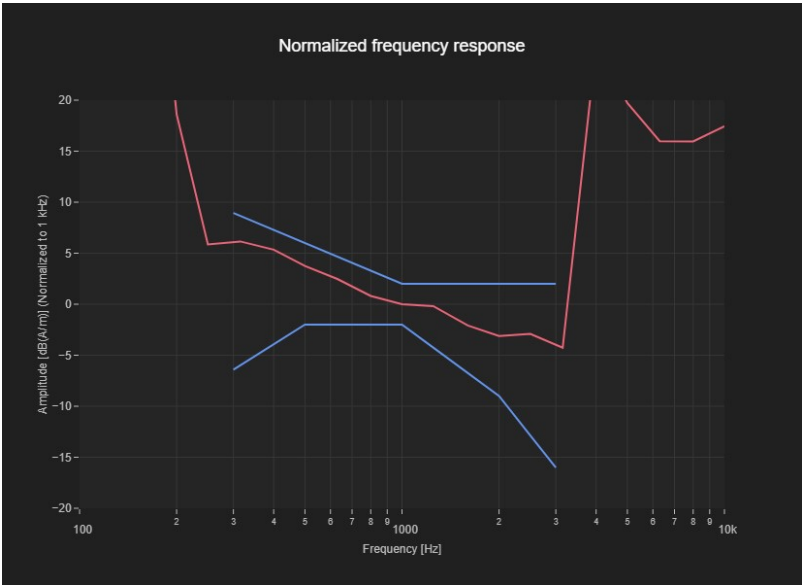
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 4	UMTS-FDD (WCDMA, AMR)	1413	1732.6

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

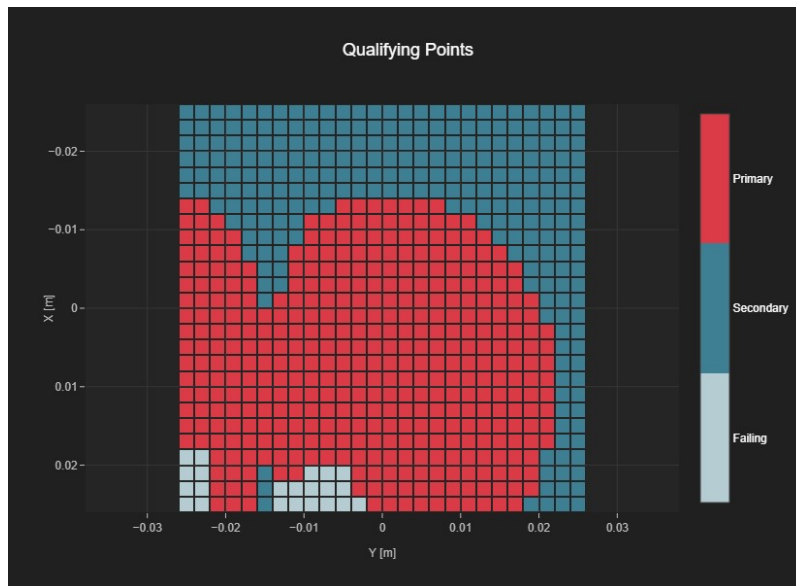
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.94	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
400	654	26	26



5_WCDMA V_AMR Voice_AMR NB 12.2Kbps_Ch4182

Measurement performed on July 15, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

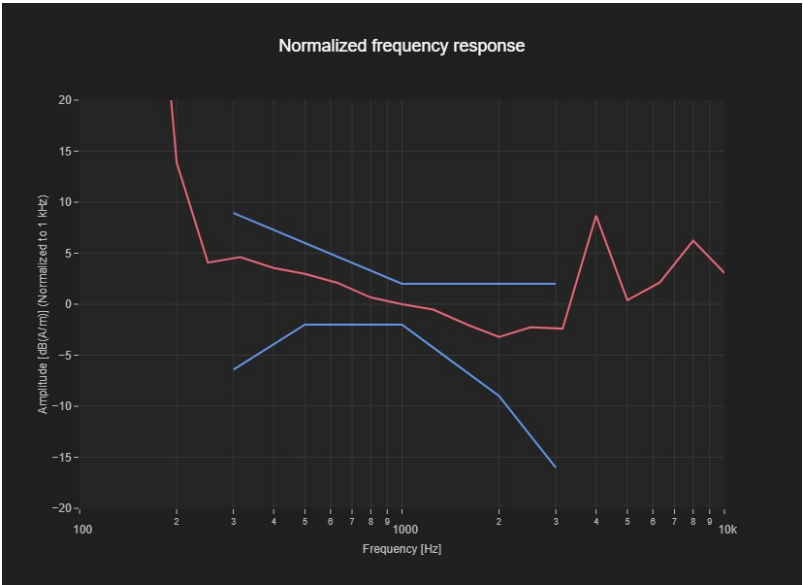
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 5	UMTS-FDD (WCDMA, AMR)	4182	836.4

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

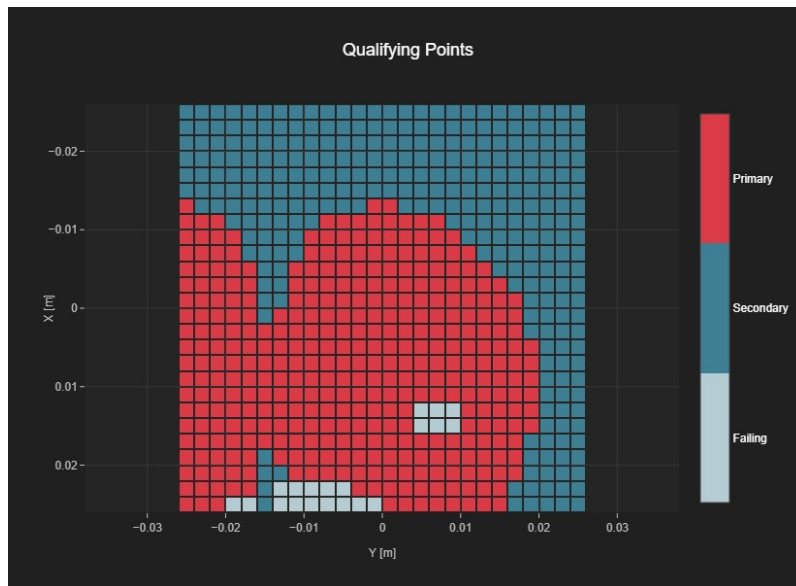
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
364	656	26	26



6_LTE Band 2_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch18900

Measurement performed on August 01, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

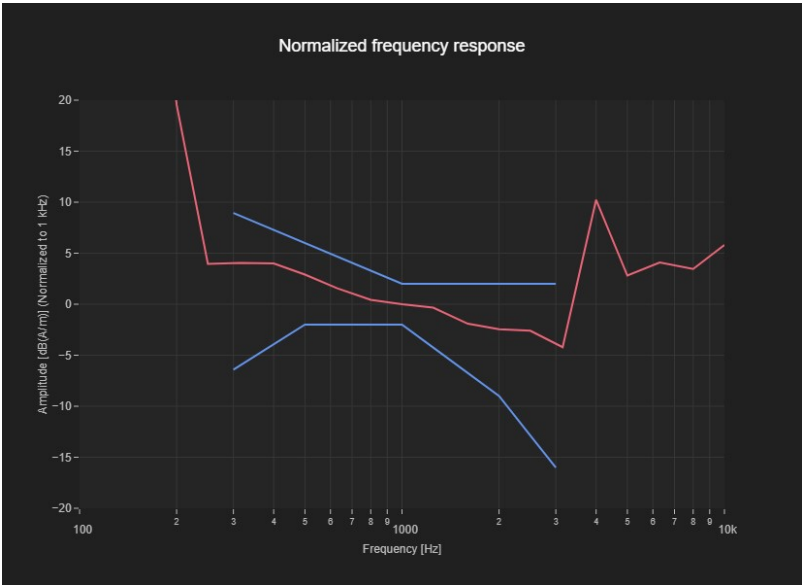
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 2	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	18900	1880.0

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

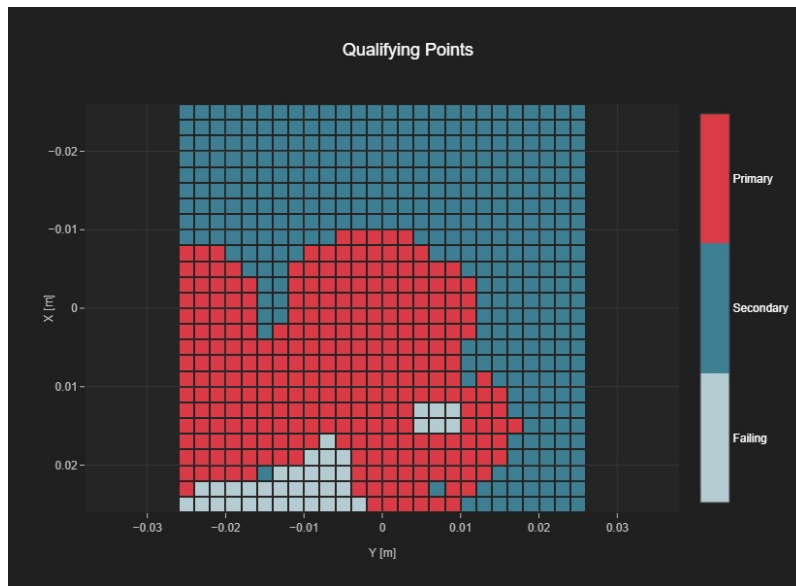
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
279	639	26	26



6_1_LTE Band 2_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch18900

Measurement performed on August 24, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

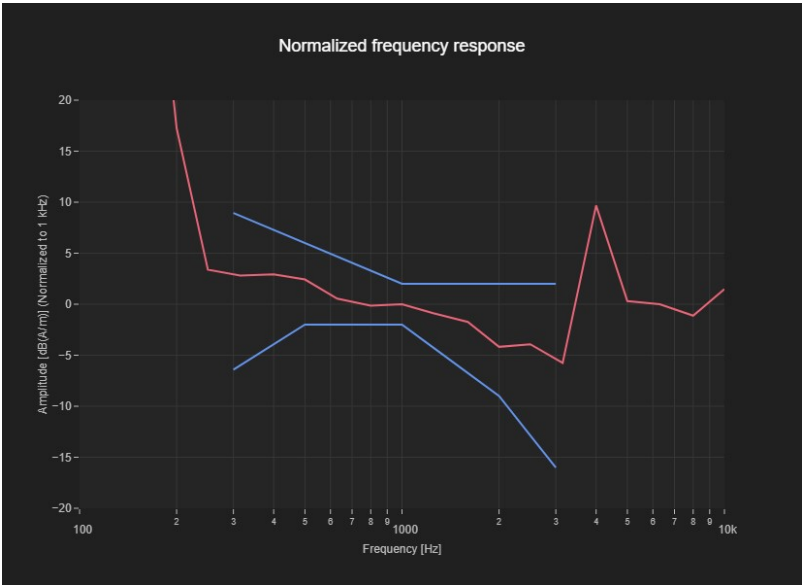
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 2	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	18900	1880.0

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

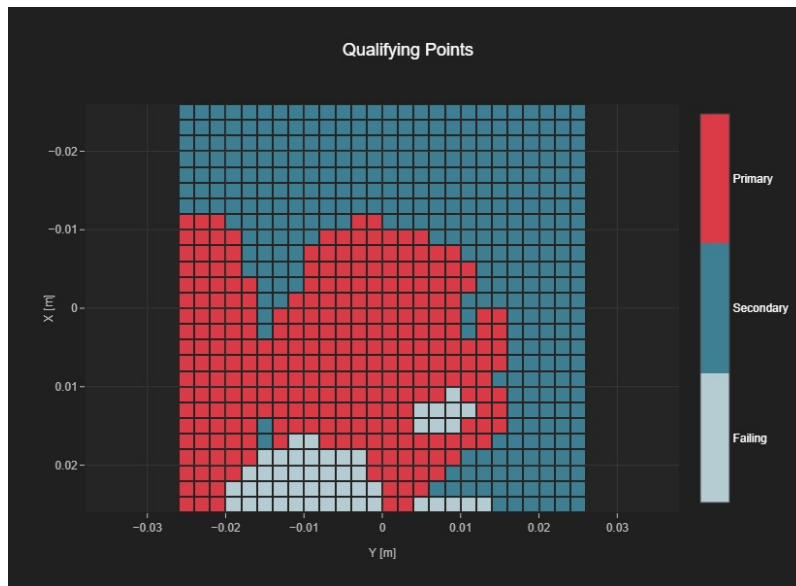
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	1.85



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
279	626	26	26



7_LTE Band 4_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch20175

Measurement performed on August 01, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

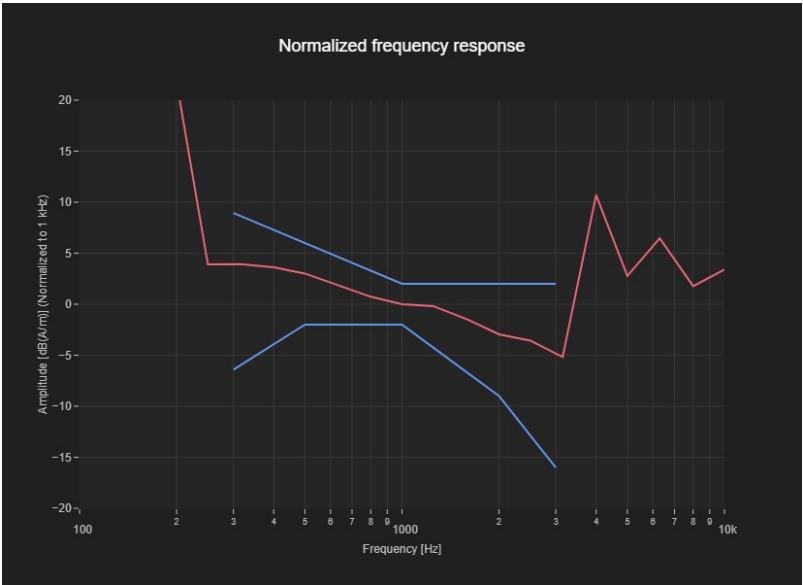
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 4	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	20175	1732.5

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

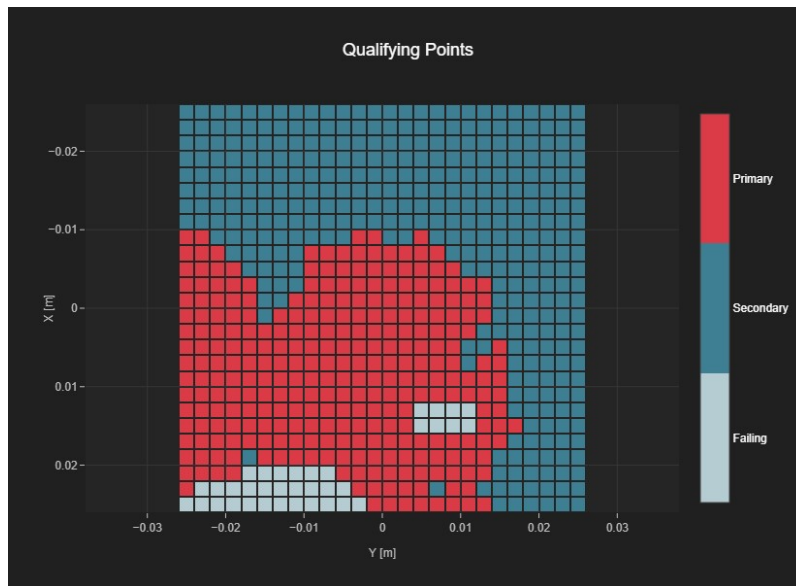
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
290	640	26	26



7_1_LTE Band 4_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch20175

Measurement performed on August 24, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

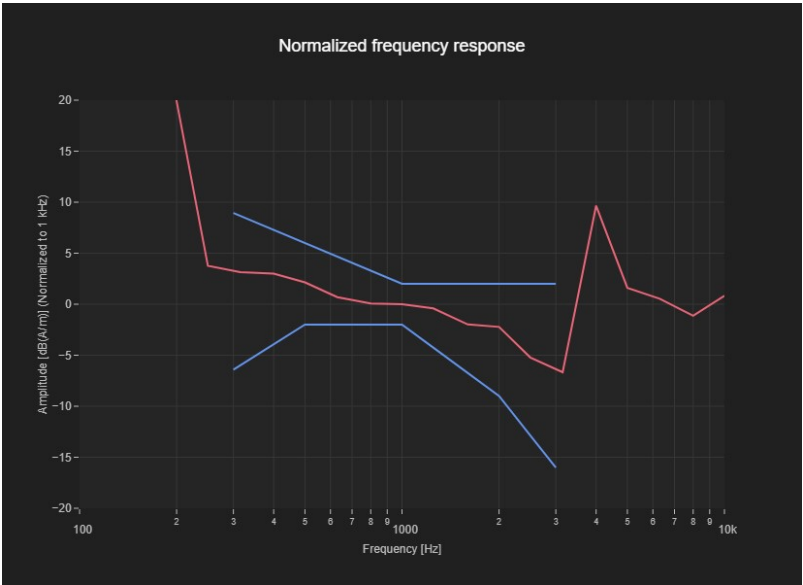
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 4	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	20175	1732.5

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

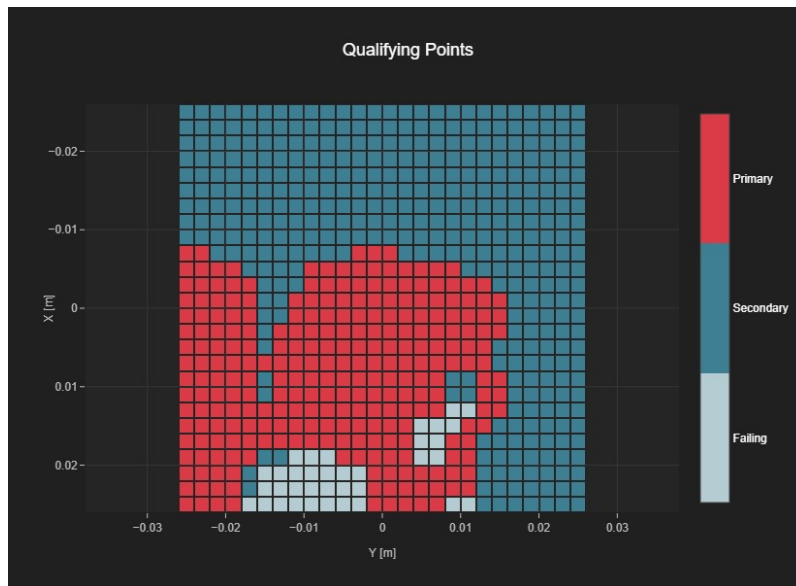
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
265	640	26	26



8_LTE Band 5_10M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch20525

Measurement performed on August 01, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

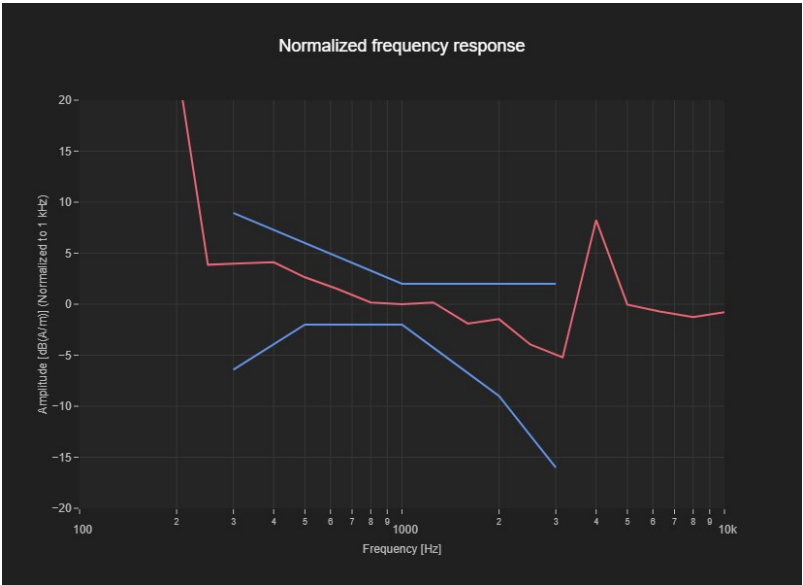
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 5	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	20525	836.5

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

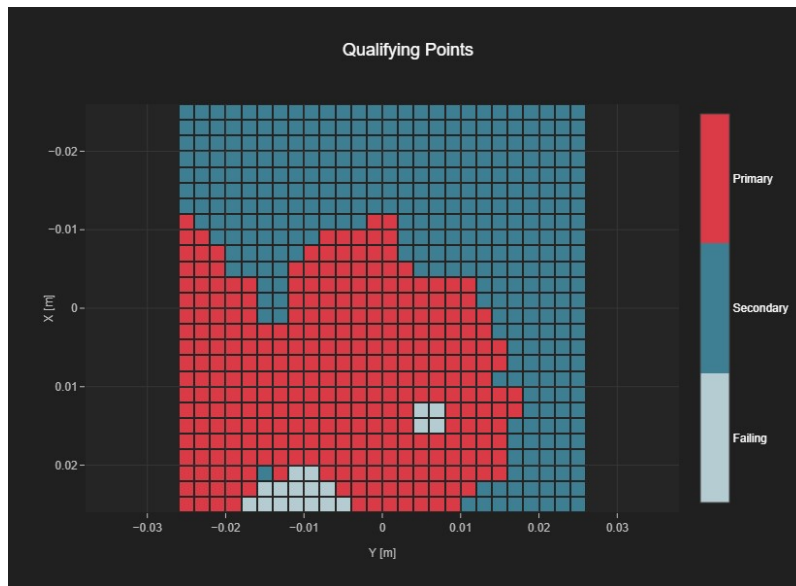
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.84	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
310	658	26	26



9_LTE Band 7_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch21100

Measurement performed on August 01, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

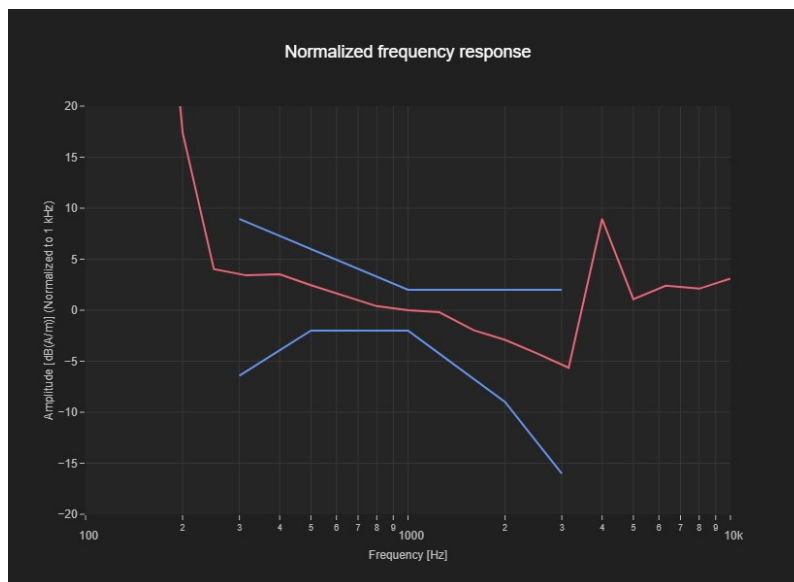
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 7	LTE-FDD (SC-FDMA, 1RB, 20 MHz, QPSK)	21100	2535.0

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

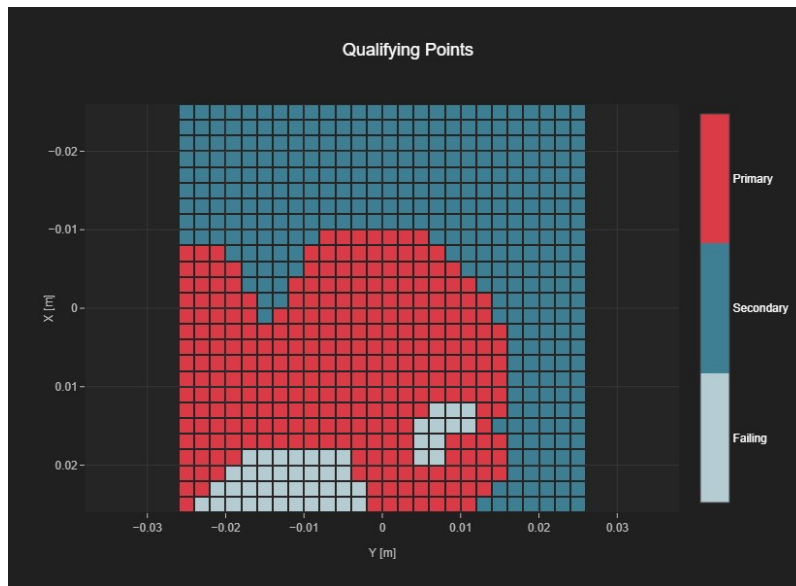
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
287	629	26	26



9_1_LTE Band 7_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch21100

Measurement performed on August 24, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

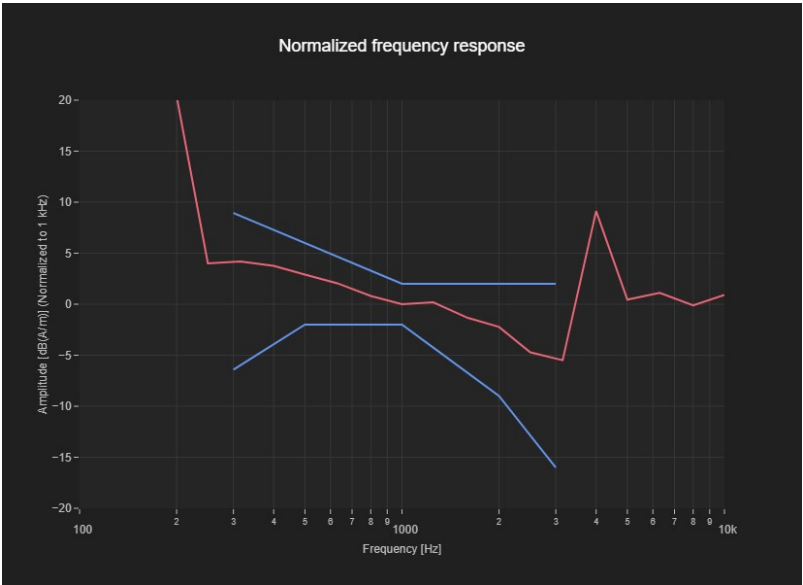
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 7	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	21100	2535.0

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

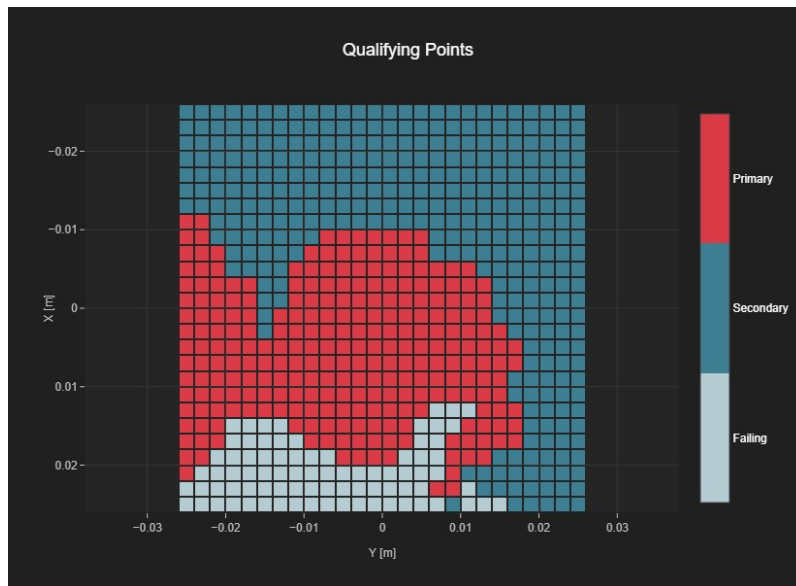
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.81	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
260	595	26	26



10_LTE Band 12_10M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch23095

Measurement performed on August 01, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

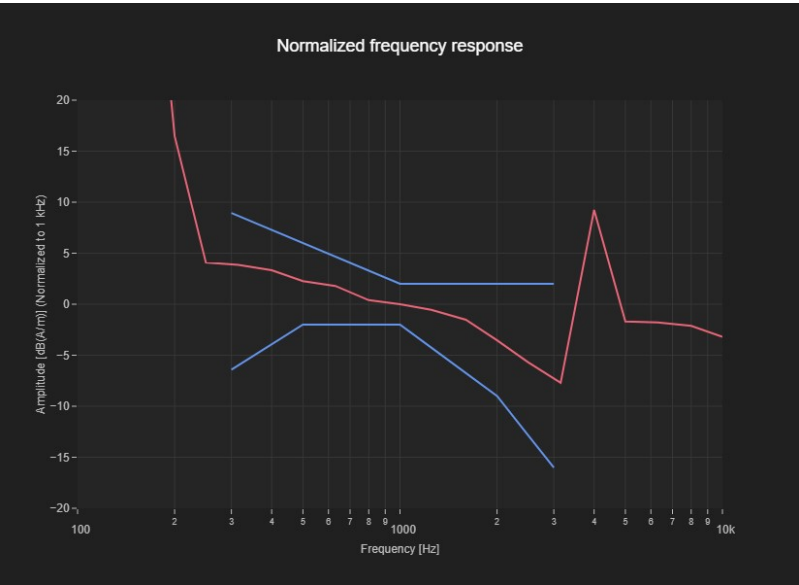
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 12	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	23095	707.5

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

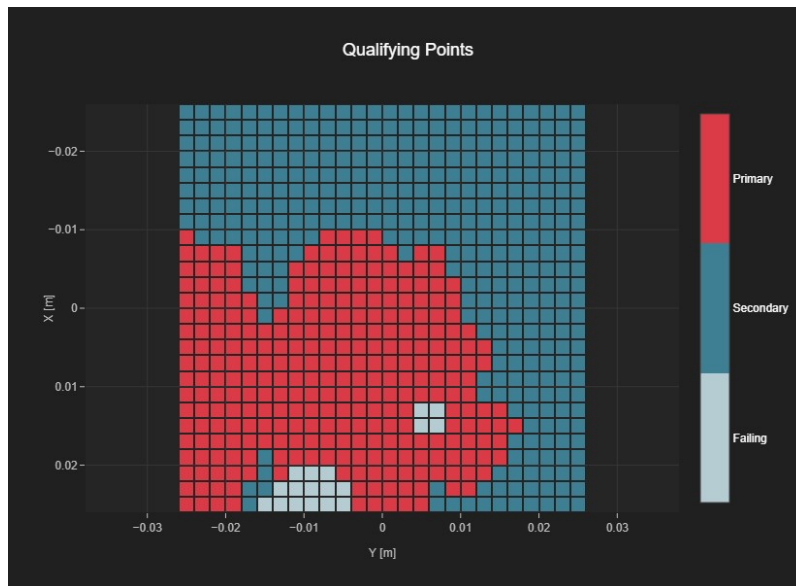
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
292	658	26	26



11_LTE Band 13_10M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch23230

Measurement performed on August 01, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

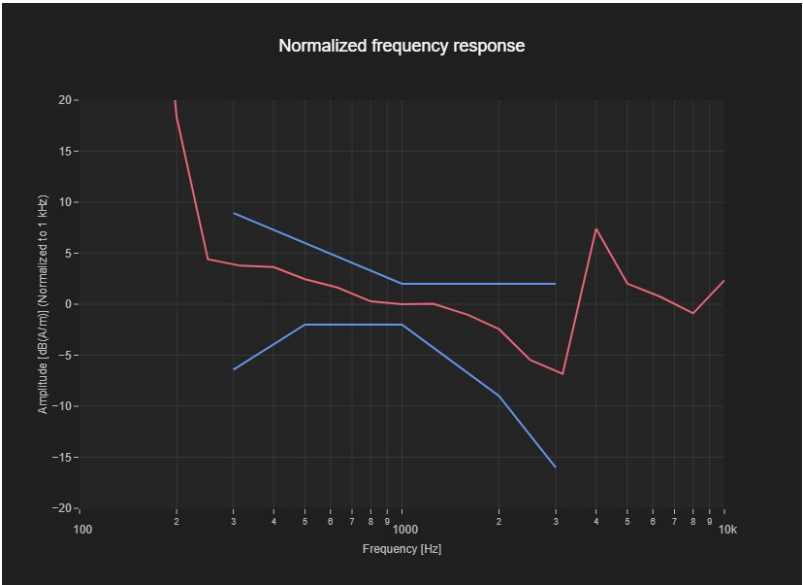
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 13	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	23230	782.0

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

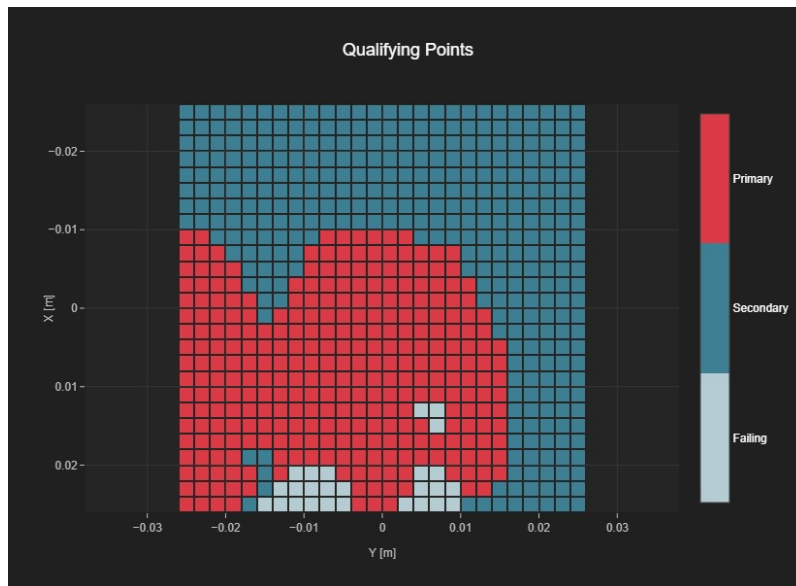
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.95	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
303	650	26	26



12_LTE Band 17_10M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch23790

Measurement performed on August 01, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

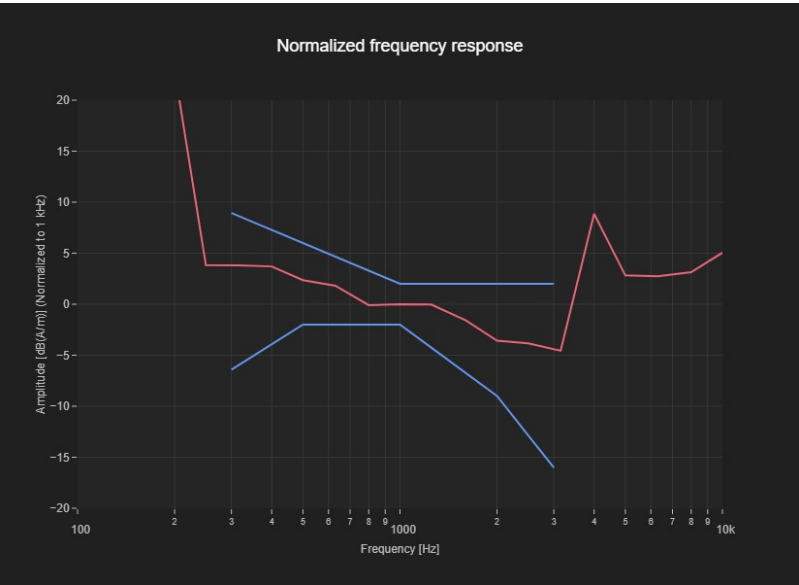
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 17	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	23790	710.0

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

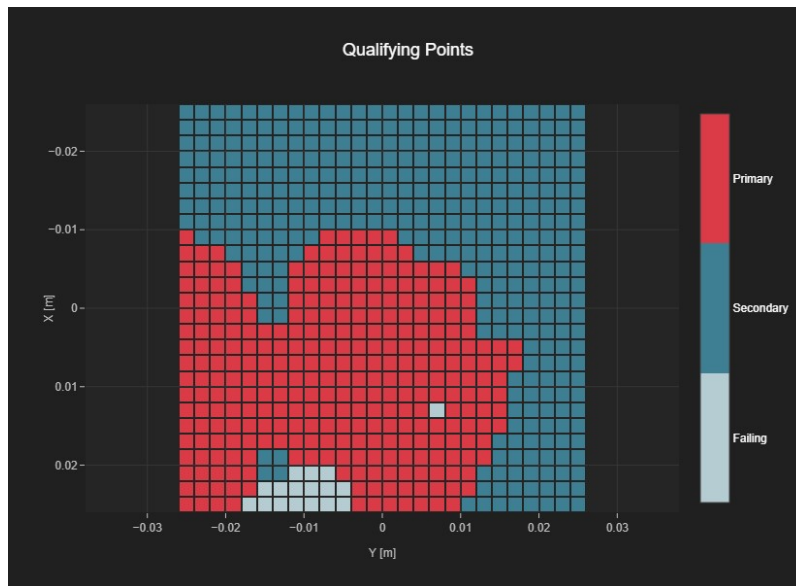
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	1.92



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
303	659	26	26



13_LTE Band 25_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch26340

Measurement performed on July 15, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

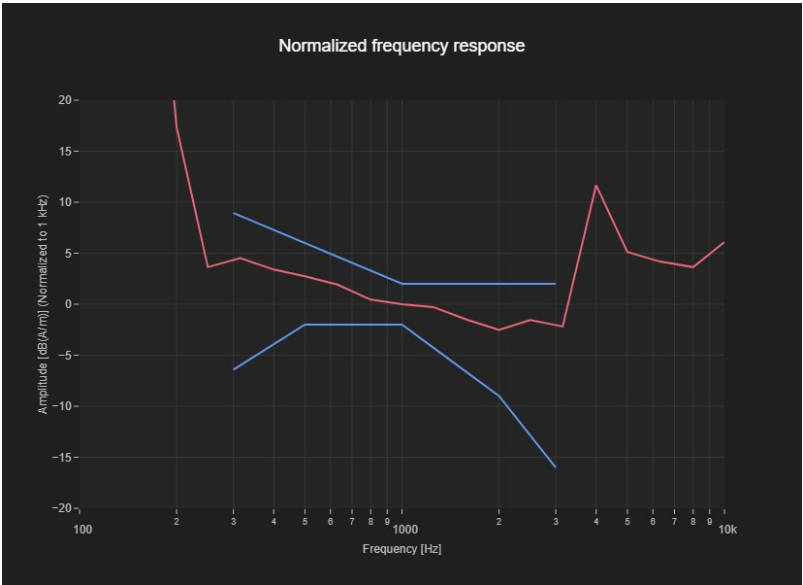
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 25	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	26340	1880.0

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

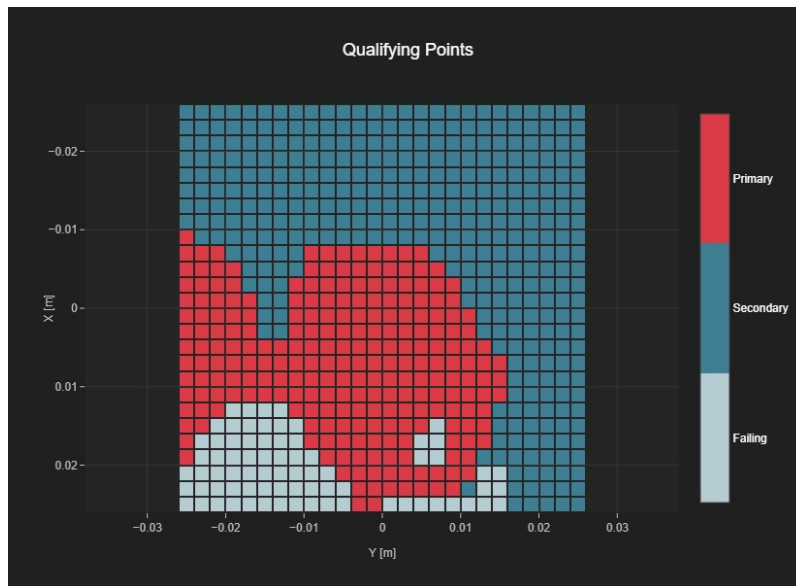
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
240	602	26	26



13_1_LTE Band 25_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch26340

Measurement performed on August 24, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

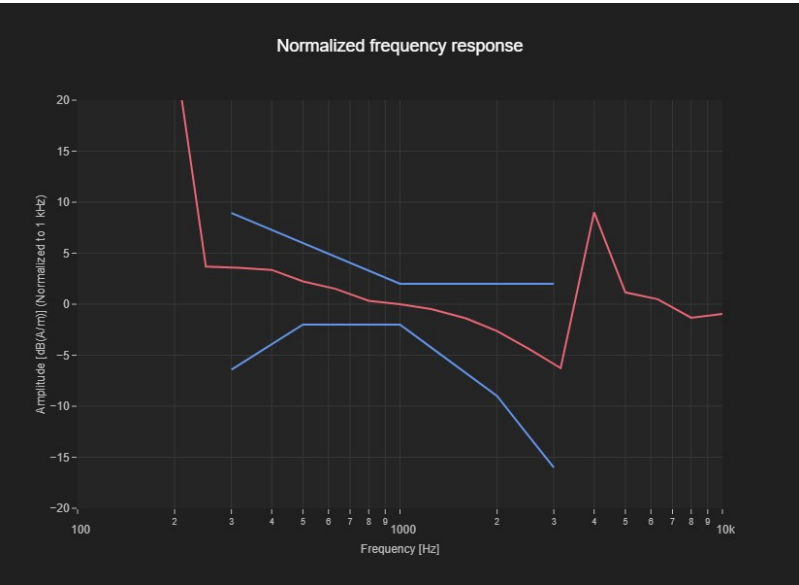
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 25	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	26340	1880.0

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

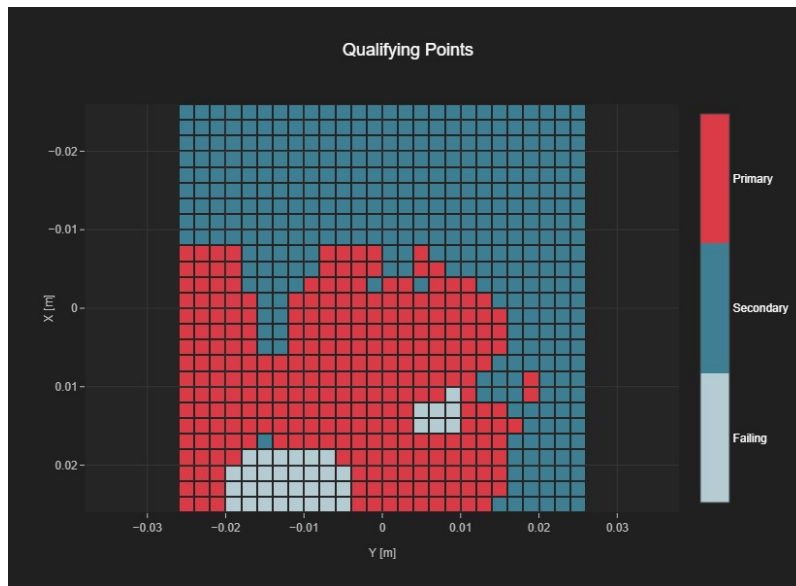
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
276	639	26	26



14_LTE Band 26_15M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch26865

Measurement performed on August 02, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

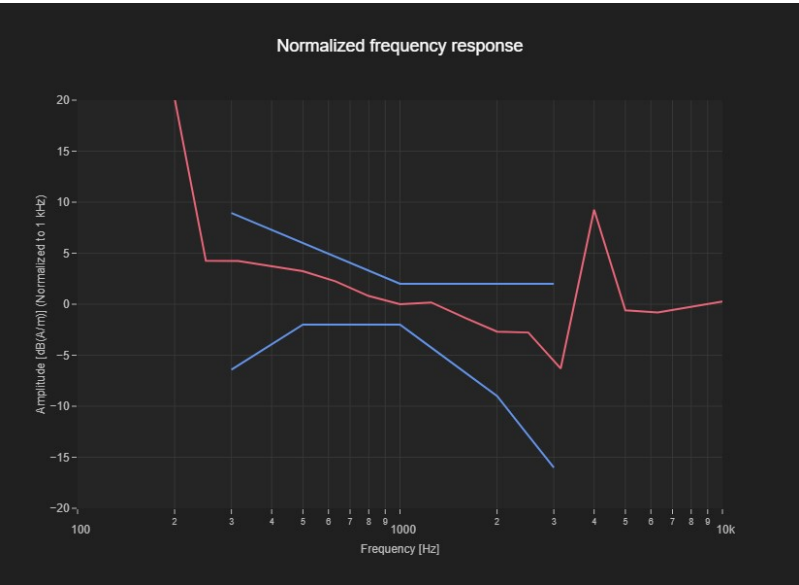
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 26	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	26865	831.5

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

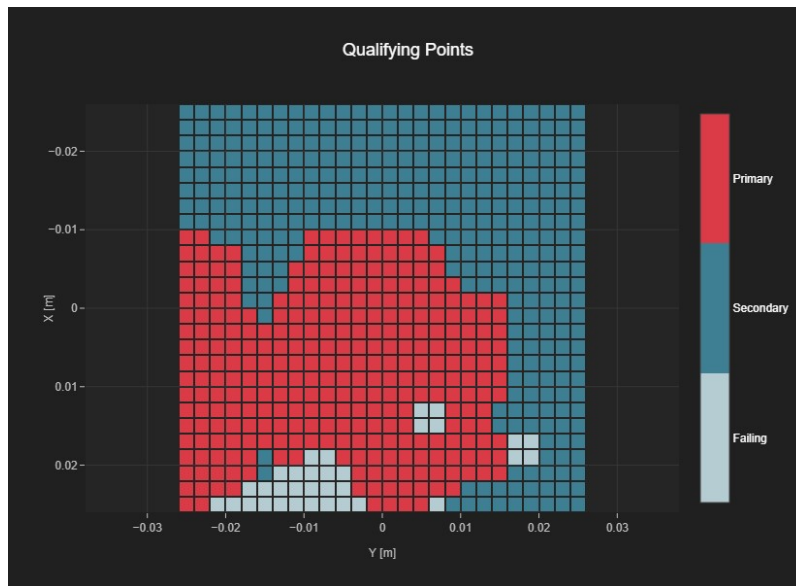
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.83	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
303	643	26	26



15_LTE Band 30_10M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch27710

Measurement performed on August 01, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

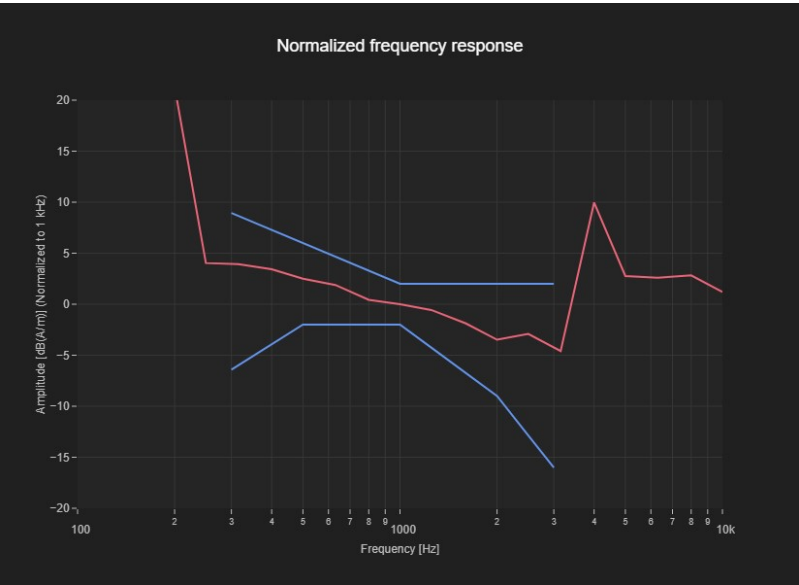
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 30	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	27710	2310.0

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

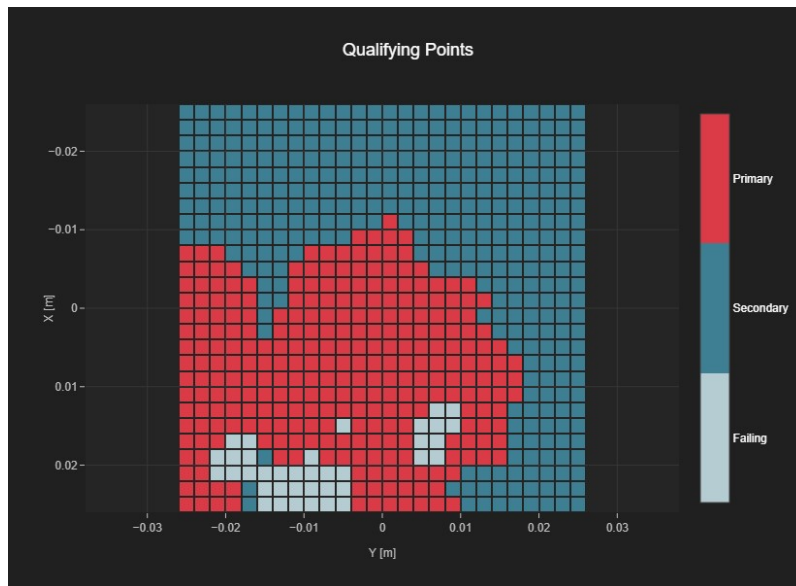
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
284	639	26	26



16_LTE Band 66_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch132322

Measurement performed on August 01, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

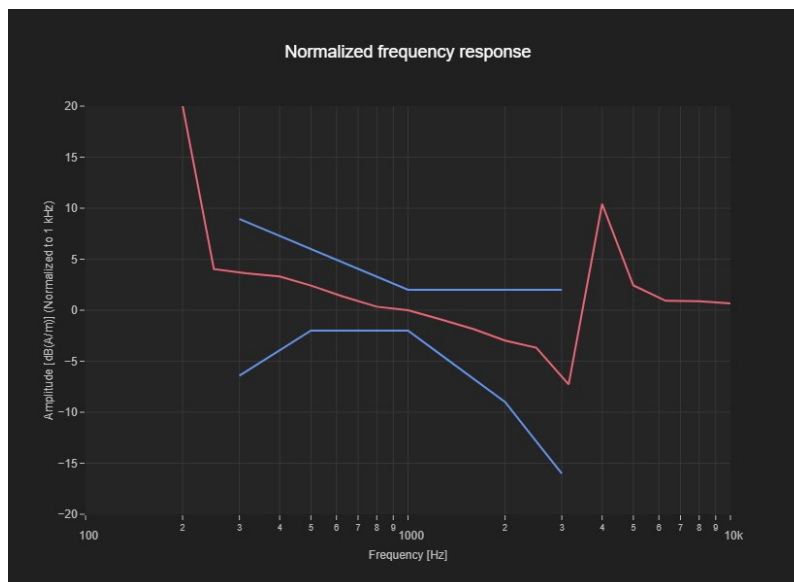
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 66	LTE-FDD (SC-FDMA, 1RB, 20 MHz, QPSK)	132322	1745.0

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

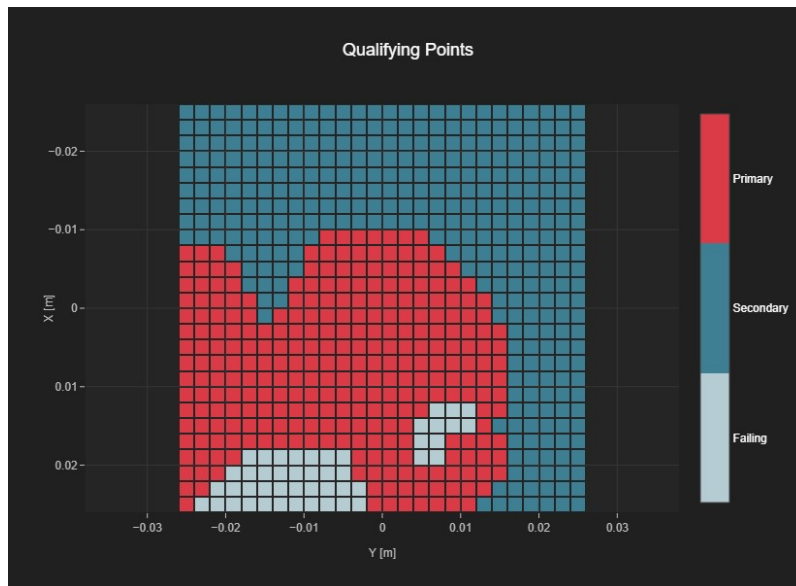
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
287	629	26	26



16_1_LTE Band 66_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch132322

Measurement performed on August 24, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

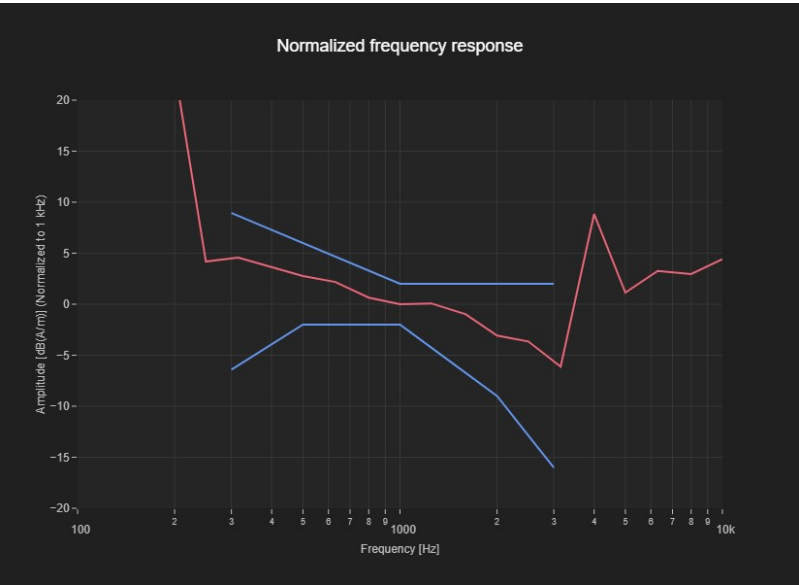
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 66	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	132322	1745.0

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

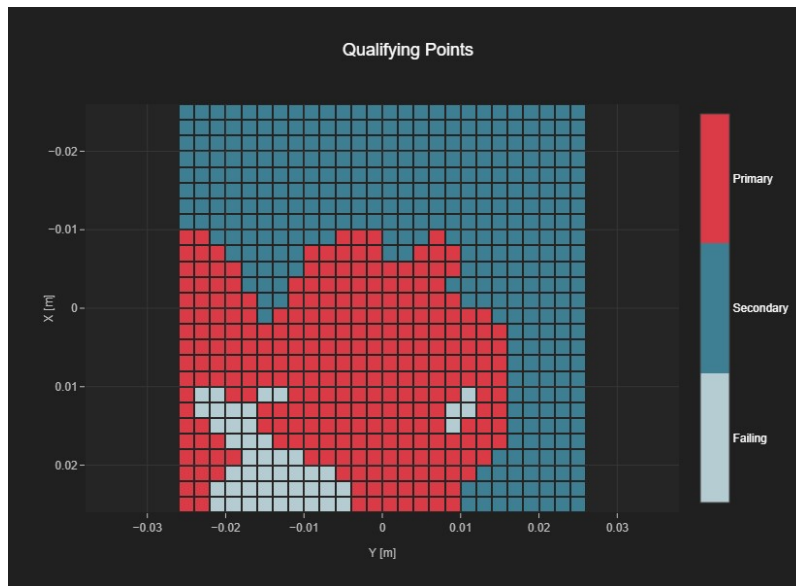
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.92	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
276	629	26	26



17_LTE Band 71_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch133297

Measurement performed on August 02, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

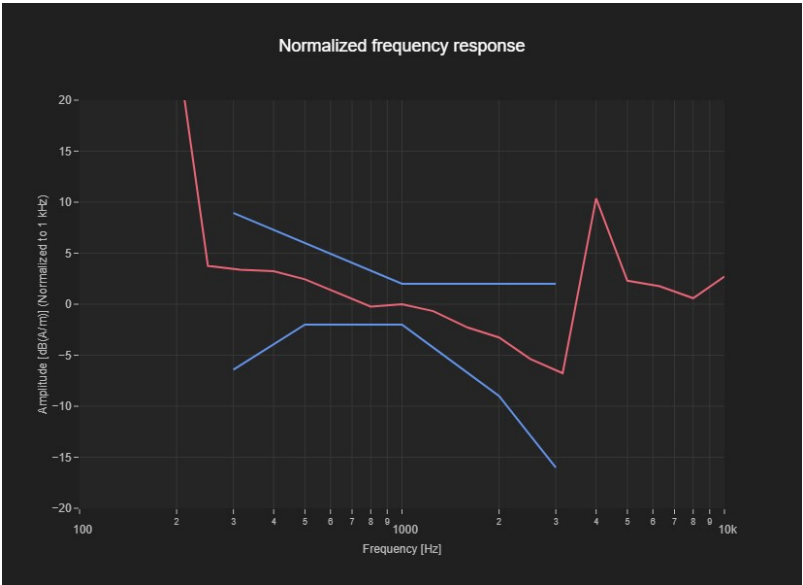
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 71	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	133297	680.5

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

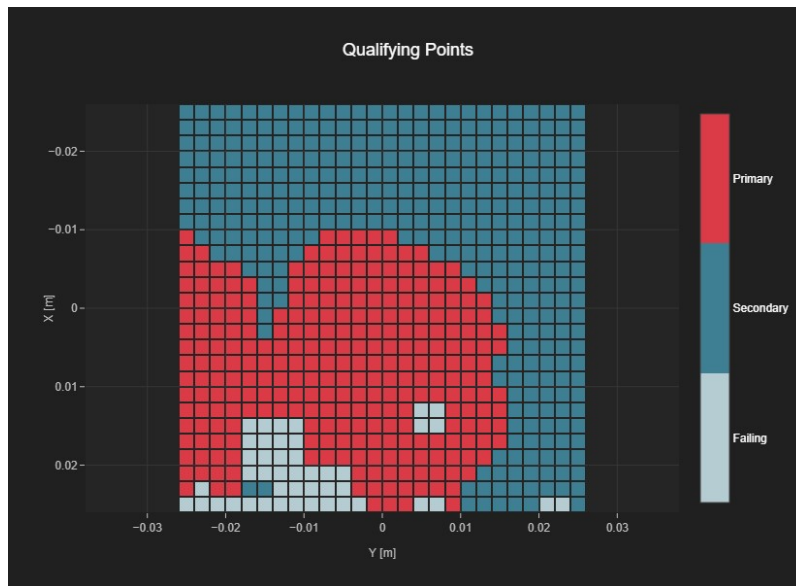
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	1.76



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
280	631	26	26



18_LTE Band 38_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch38000

Measurement performed on July 28, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

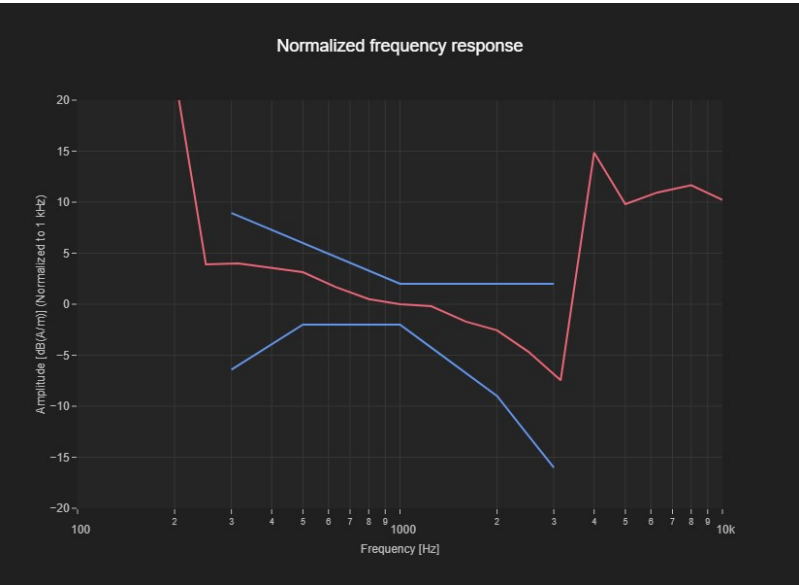
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 38	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	38000	2595.0

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

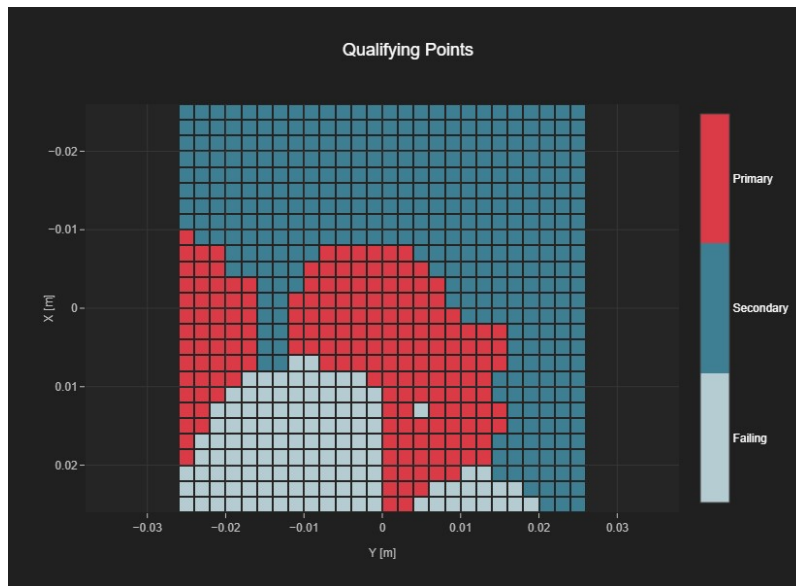
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
188	554	26	26



18_1_LTE Band 38_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch38000

Measurement performed on August 24, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

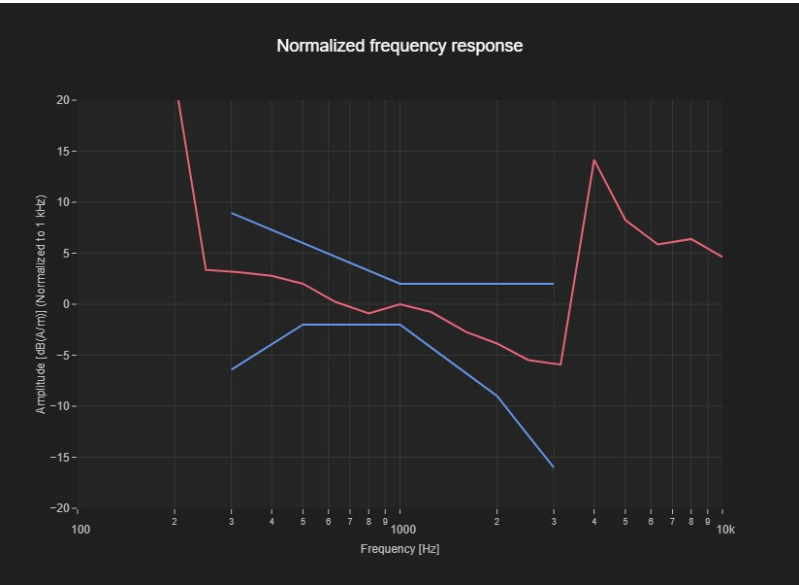
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 38	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	38000	2595.0

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

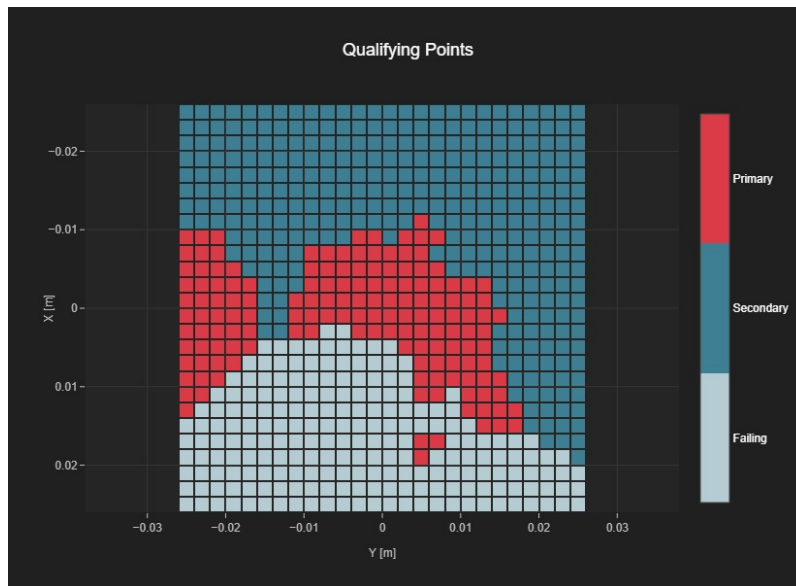
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	1.09



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	469	23	26



19_LTE Band 41_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch40620

Measurement performed on July 26, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

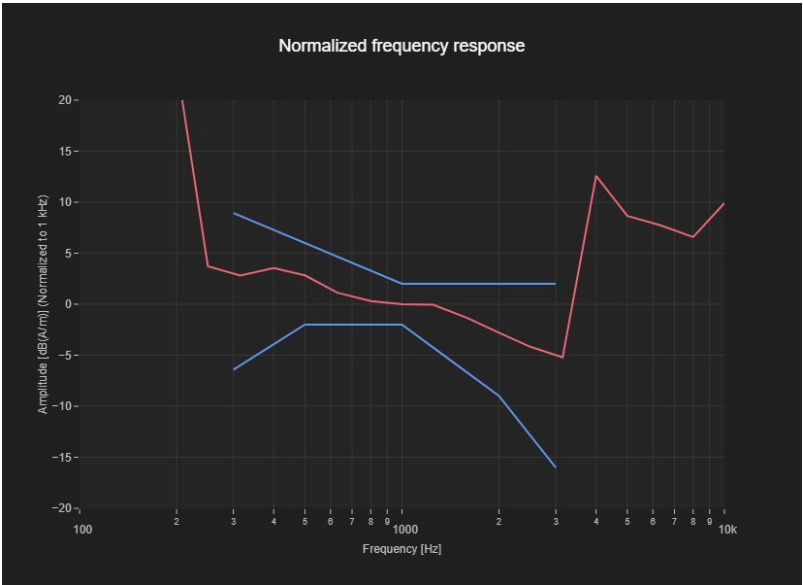
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 41	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	40620	2593.0

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

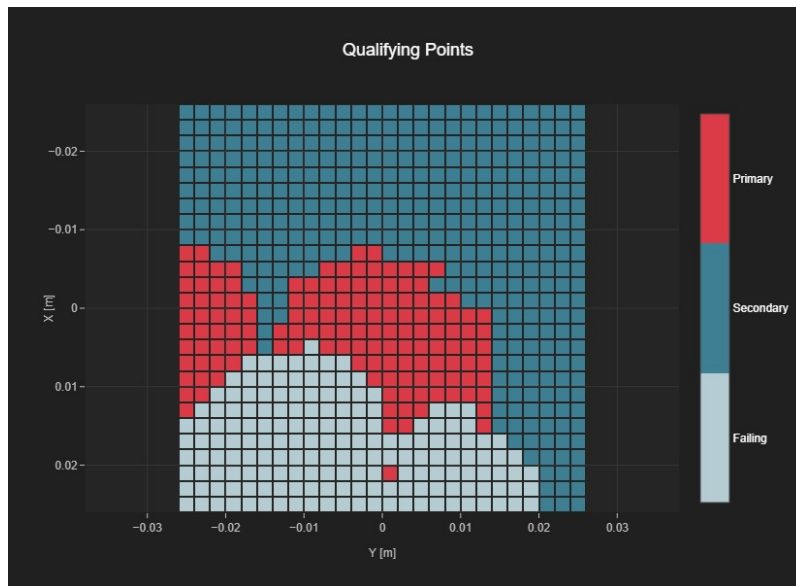
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
142	504	26	26



19_1_LTE Band 41_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch40620

Measurement performed on August 24, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

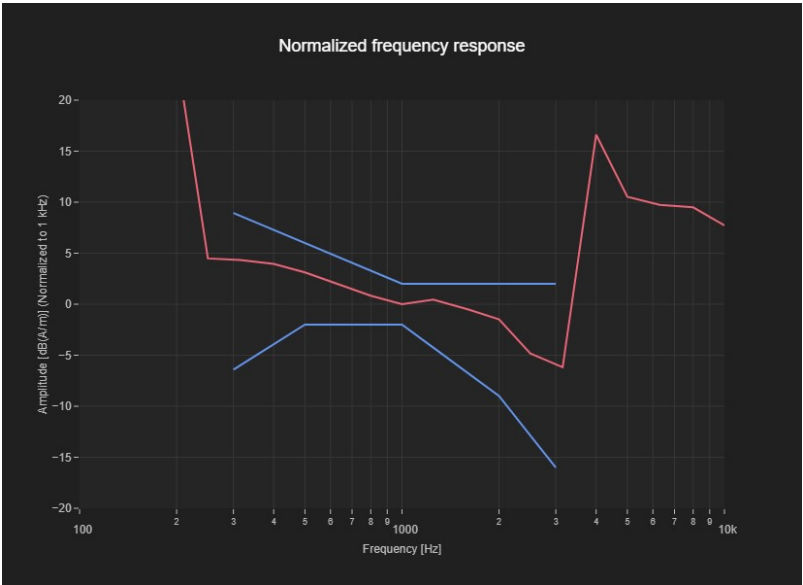
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 41	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	40620	2593.0

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

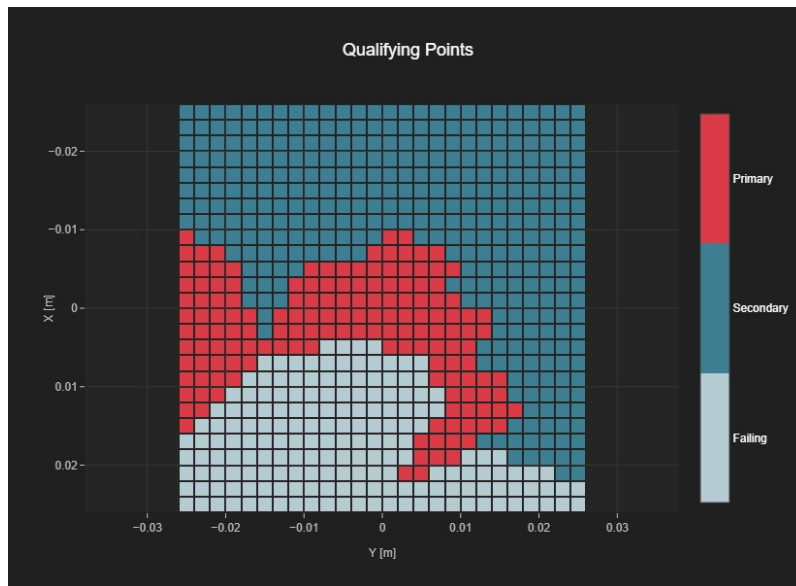
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.56	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
153	498	24	26



20_LTE Band 48_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch55830

Measurement performed on July 28, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

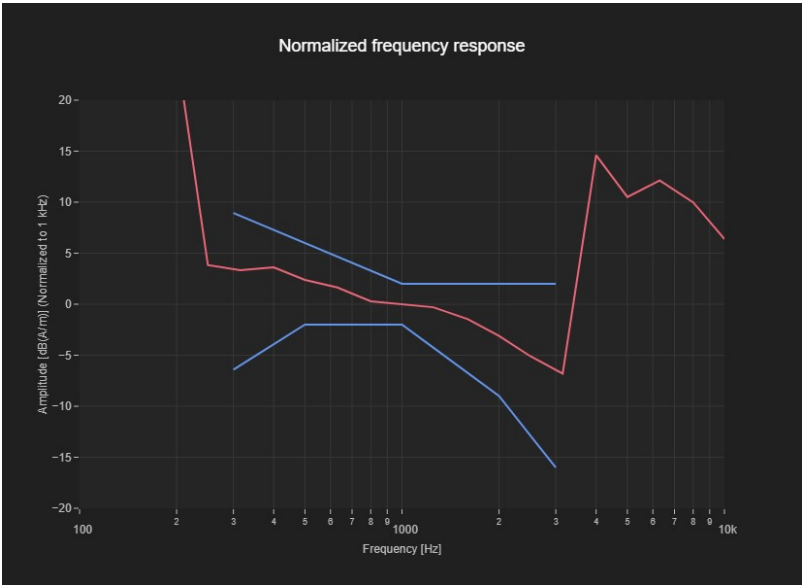
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 48	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	55830	3609.0

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

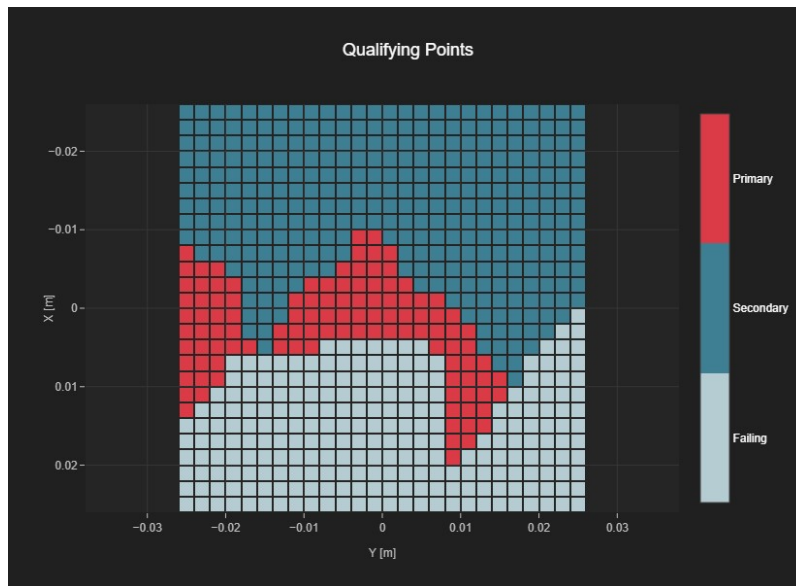
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
110	435	23	26



21_FR1 n2_40M_QPSK_1RB_1Offset_EVS NB 5.9Kbps_Ch376000

Measurement performed on July 27, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

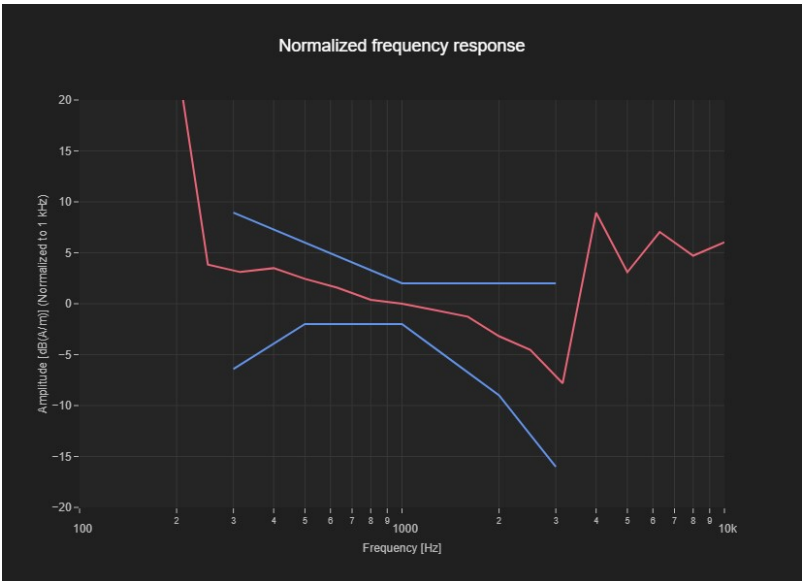
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n2	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	376000	1880.0

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

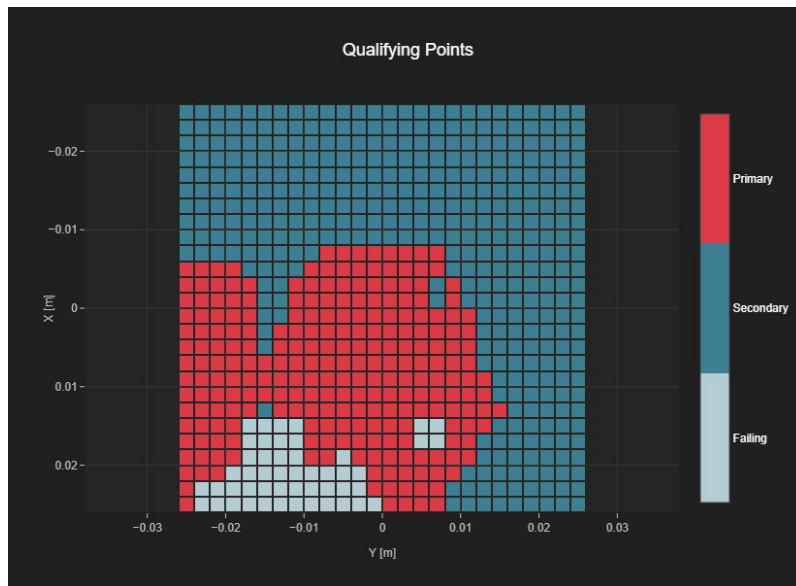
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
244	627	26	26



21_1_FR1 n2_40M_QPSK_1RB_1Offset_EVS NB 5.9Kbps_Ch376000

Measurement performed on August 25, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

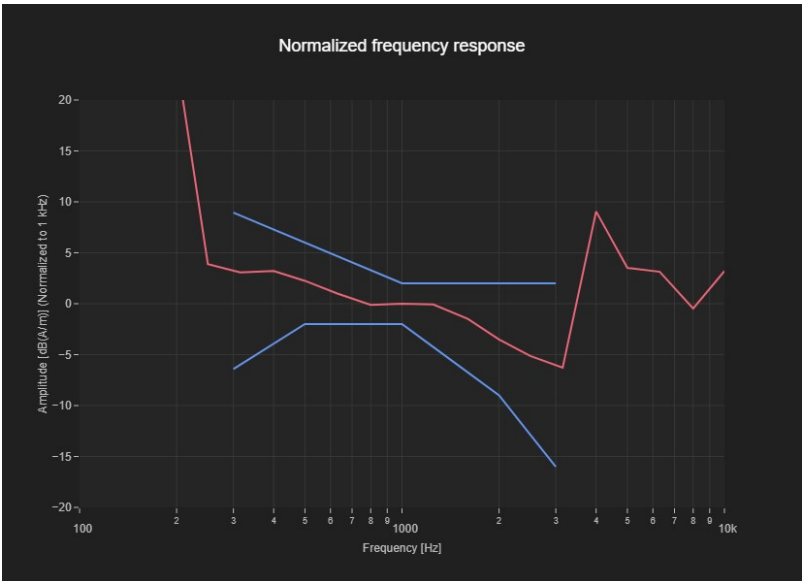
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n2	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	376000	1880.0

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

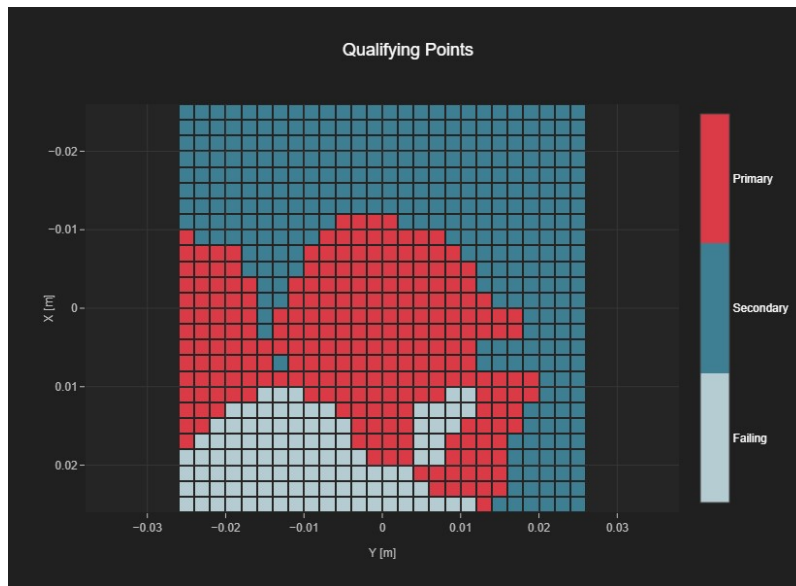
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	1.88



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
246	572	26	26



22_FR1 n5_20M_QPSK_1RB_1Offset_EVS NB 5.9Kbps_Ch167300

Measurement performed on July 27, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

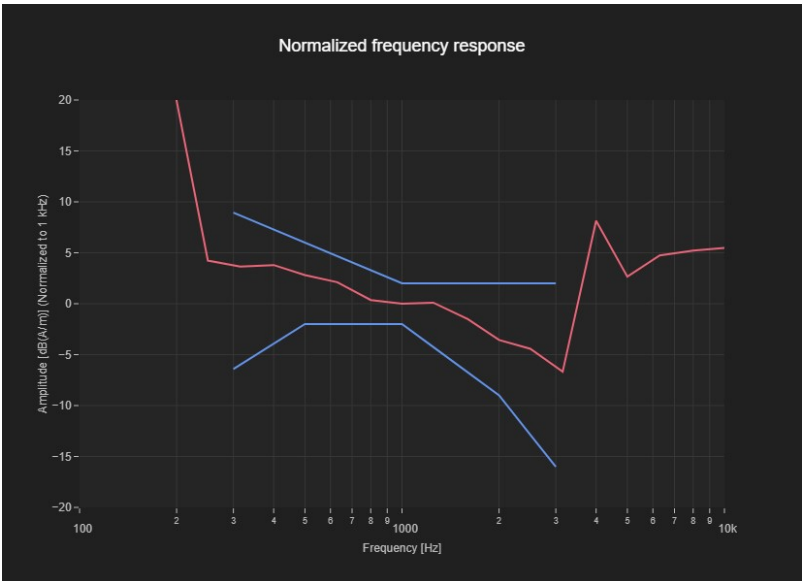
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n5	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	167300	836.5

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

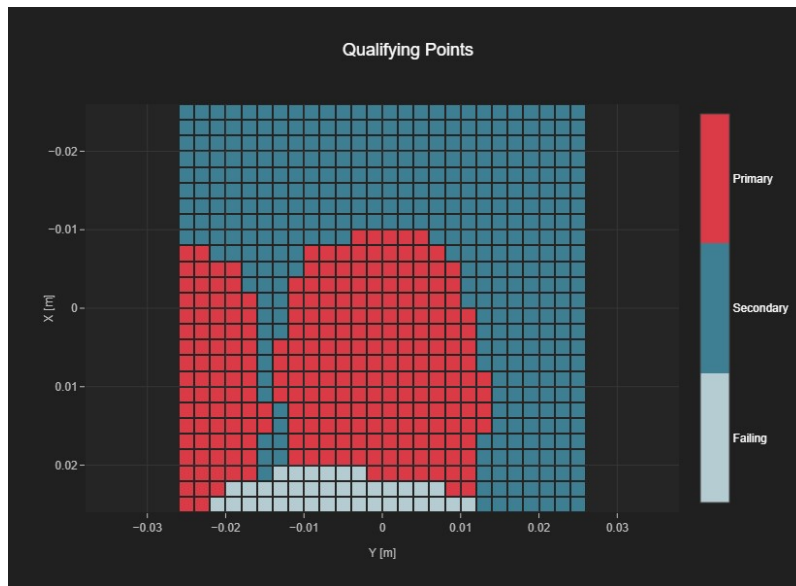
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.9	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
260	639	26	26



23_FR1 n7_50M_QPSK_1RB_1Offset_EVS NB 5.9Kbps_Ch507000

Measurement performed on July 27, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
ONEPLUS	CPH2749	161.42 x 76.67 x 8.28	160.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1210	December 17, 2024

Communication Systems

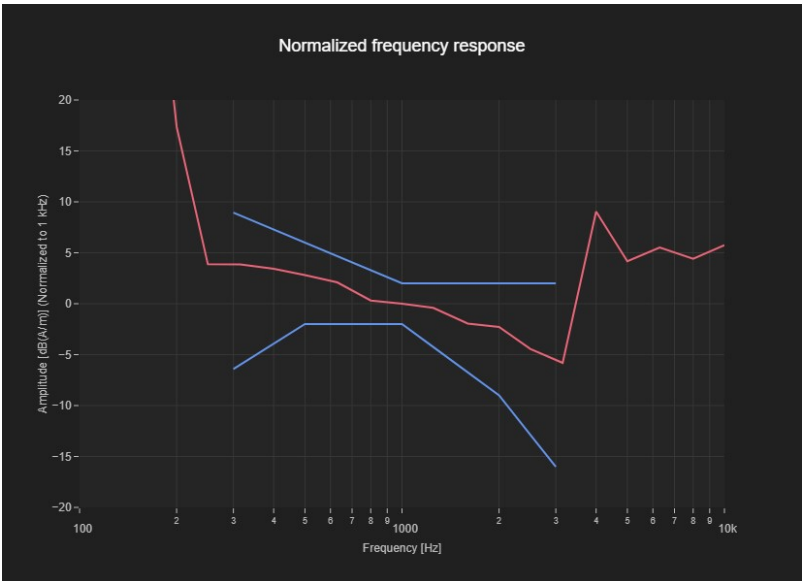
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n7	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	507000	2535.0

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	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
237	624	26	26

