

1_GSM850_GSM Voice_AMR NB 4.75Kbps_Ch189

Measurement performed on October 17, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

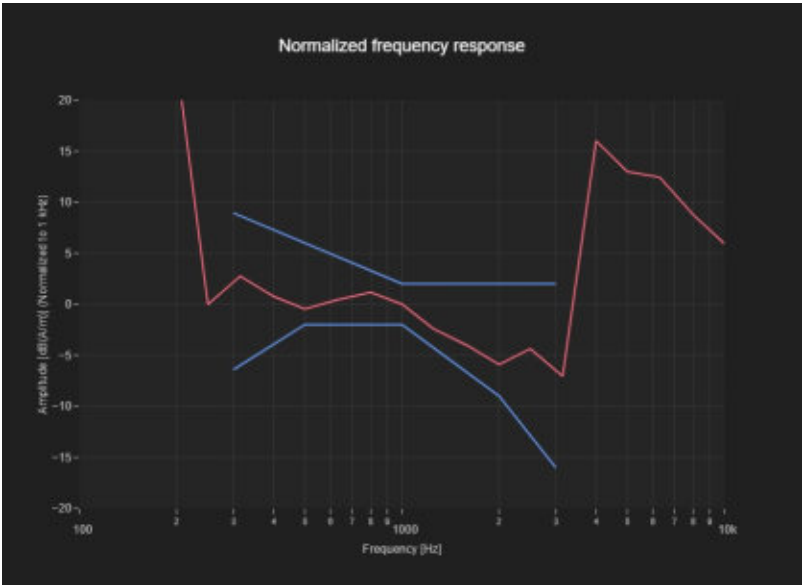
Band Name	Communication Systems Name	Channel	Frequency [MHz]
GSM 850	GSM-FDD (TDMA, GMSK)	189	836.4

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

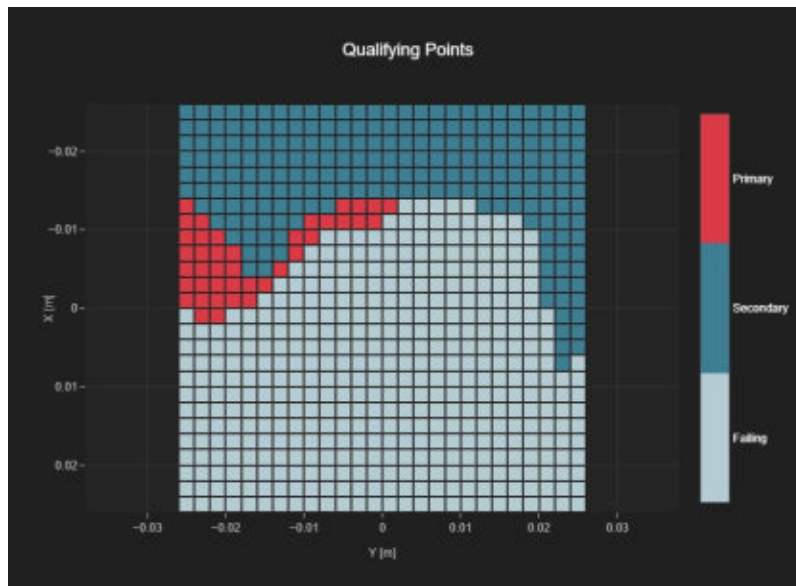
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	1.52



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
40	253	17	26



2_GSM1900_GSM Voice_AMR NB 4.75Kbps_Ch661

Measurement performed on October 18, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

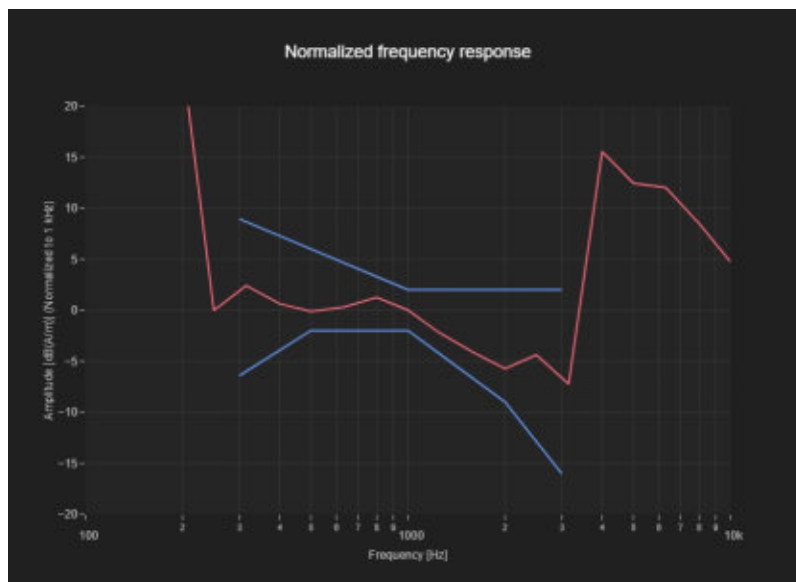
Band Name	Communication Systems Name	Channel	Frequency [MHz]
PCS 1900	GSM-FDD (TDMA, GMSK)	661	1880.0

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

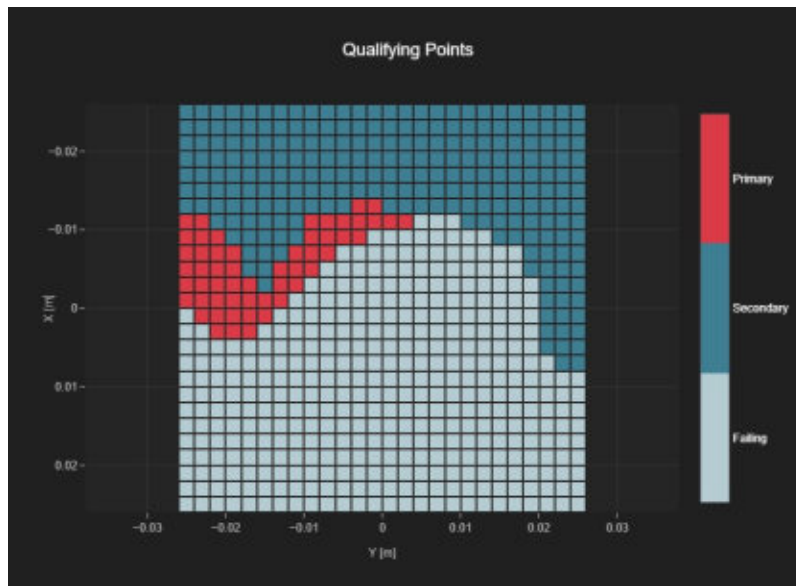
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	1.89



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
54	290	17	26



3_WCDMA II_AMR Voice_AMR WB 6.6Kbps_Ch9400

Measurement performed on October 25, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

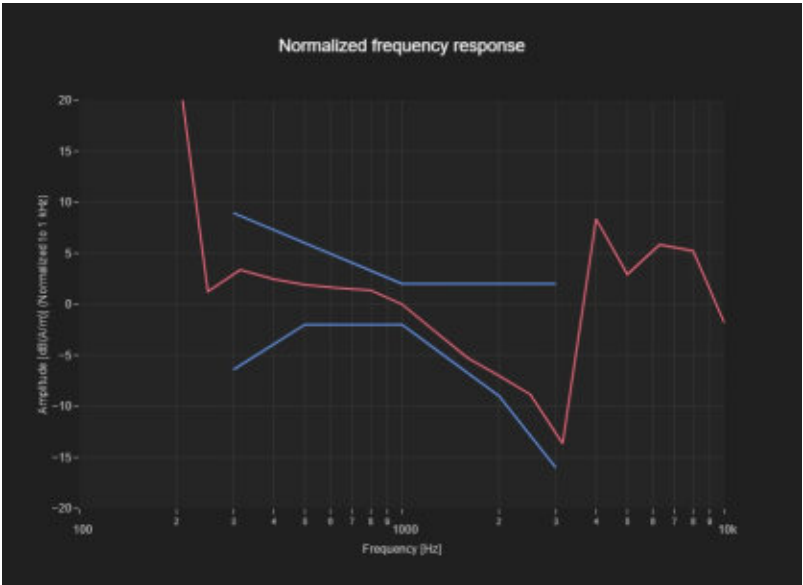
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 2	UMTS-FDD (WCDMA, AMR)	9400	1880.0

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

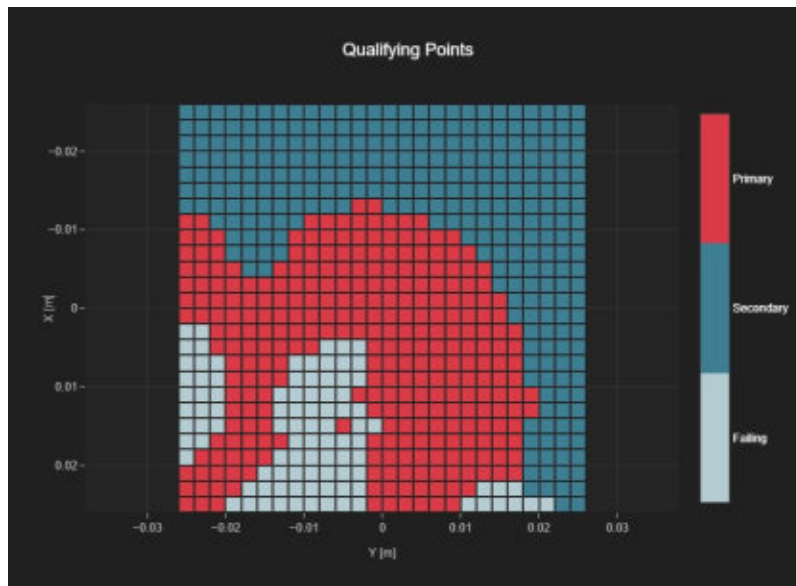
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.92	1.47



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
293	579	26	26



4_WCDMA IV_AMR Voice_AMR WB 6.6Kbps_Ch1413

Measurement performed on October 25, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

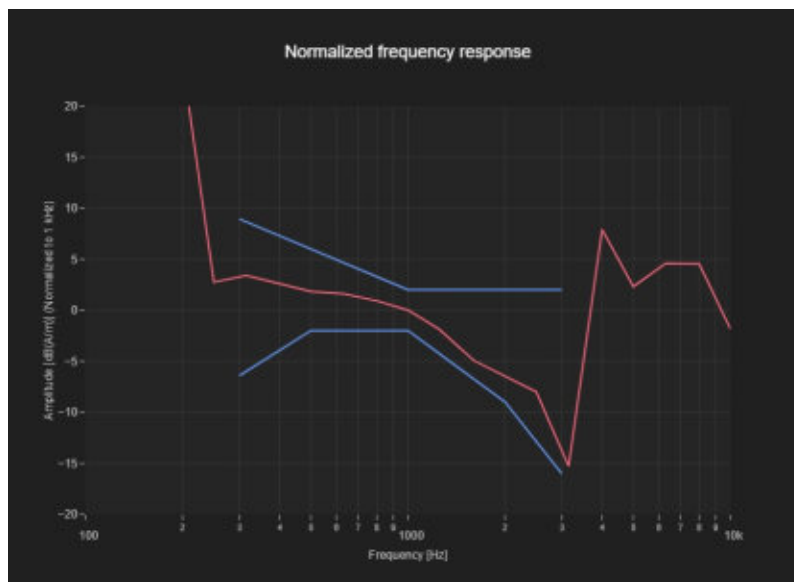
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 4	UMTS-FDD (WCDMA, AMR)	1413	1732.6

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

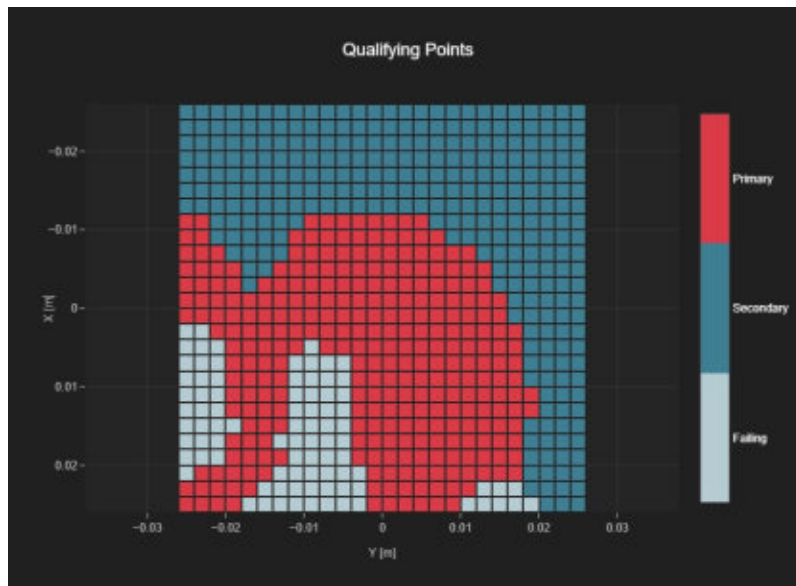
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	1.81



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
296	589	26	26



5_WCDMA V_AMR Voice_AMR WB 6.6Kbps_Ch4182

Measurement performed on October 20, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

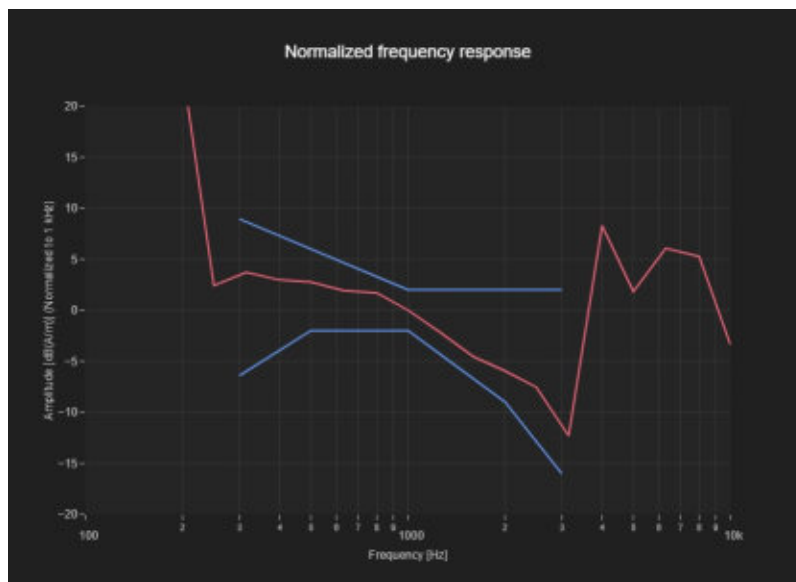
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 5	UMTS-FDD (WCDMA, AMR)	4182	836.4

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

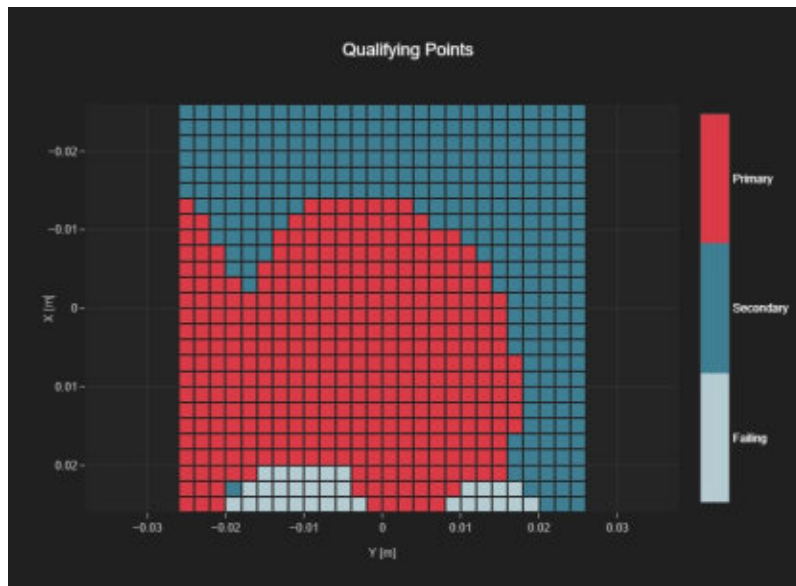
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.59	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
355	644	26	26



6_LTE Band 2_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch18900

Measurement performed on October 25, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

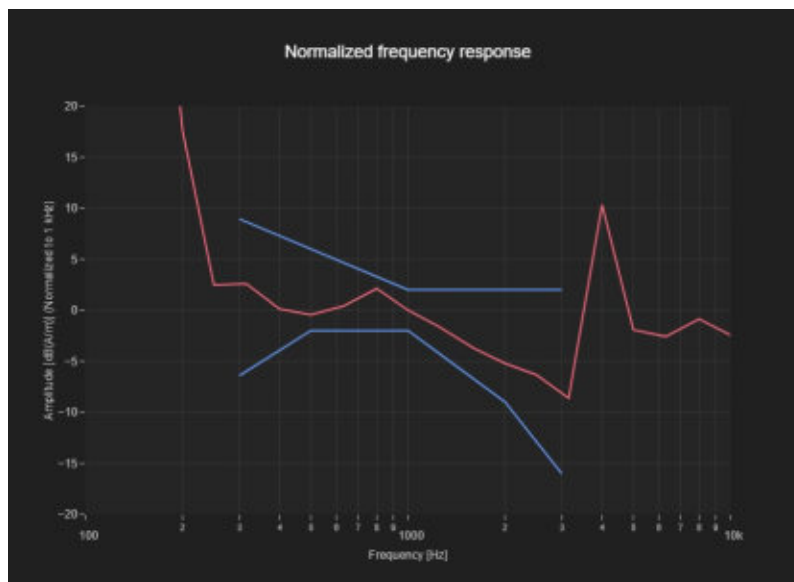
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 2	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	18900	1880.0

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

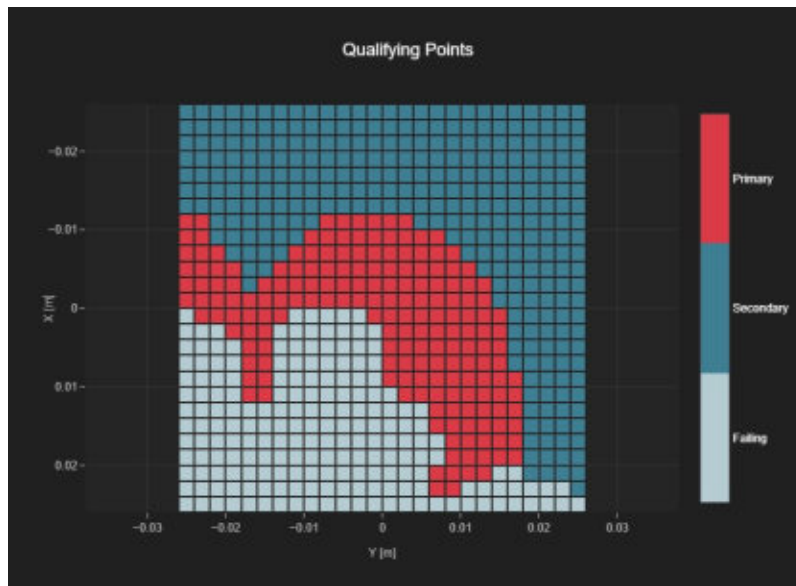
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.17	1.54



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	482	25	26



7_LTE Band 2_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch18900

Measurement performed on October 24, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

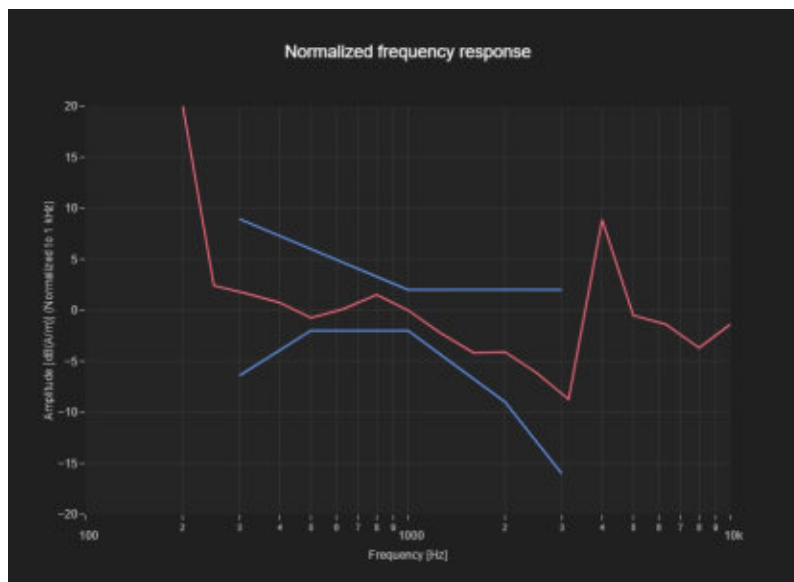
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 2	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	18900	1880.0

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

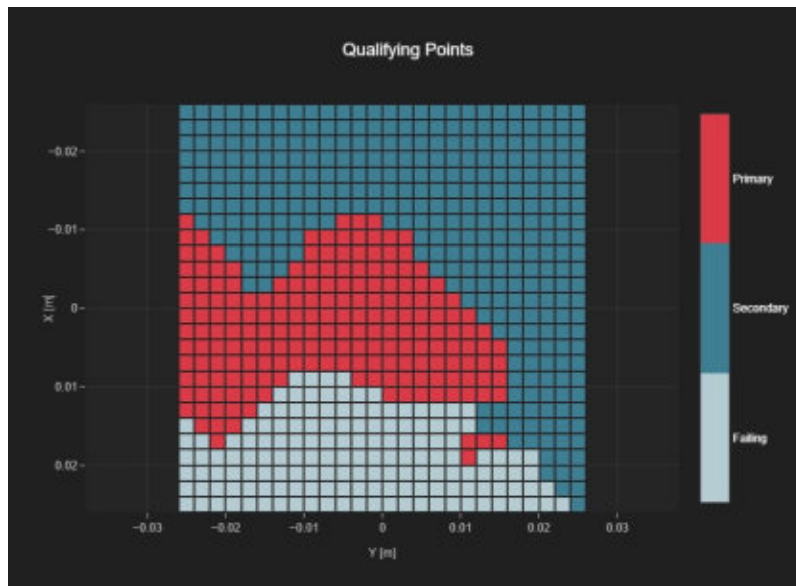
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.78	1.25



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
194	524	26	26



8_LTE Band 4_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch20175

Measurement performed on October 24, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

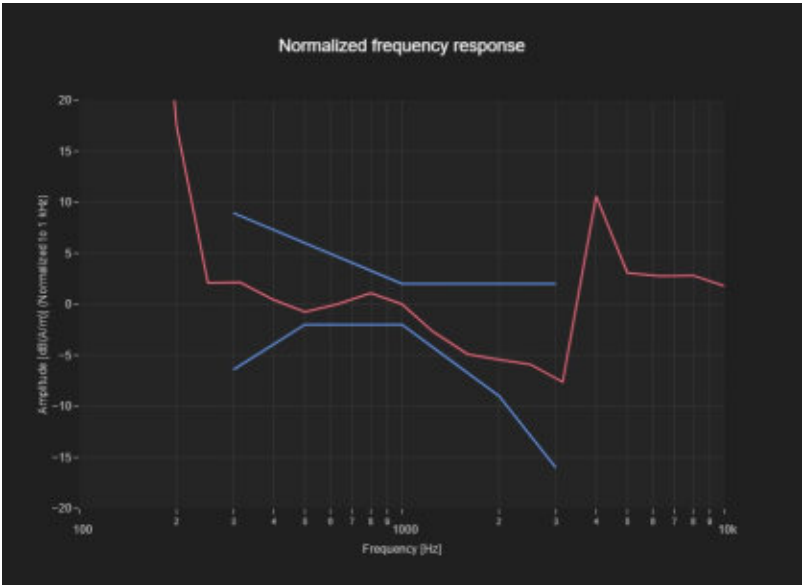
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 4	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	20175	1732.5

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

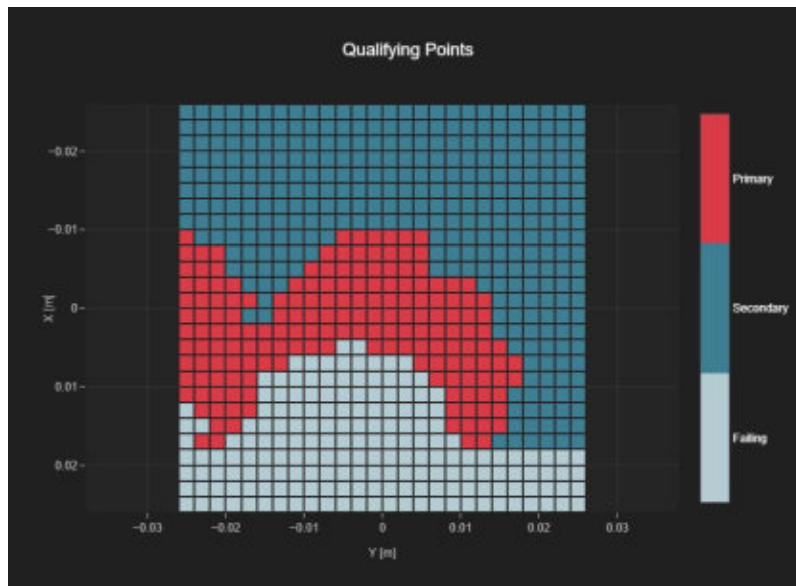
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	1.24



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
172	495	22	26



9_LTE Band 4_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch20175

Measurement performed on October 24, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

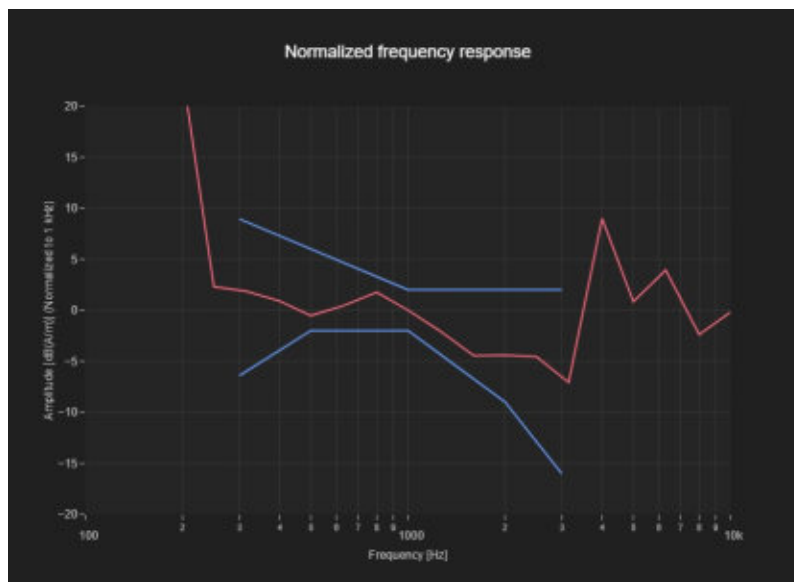
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 4	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	20175	1732.5

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

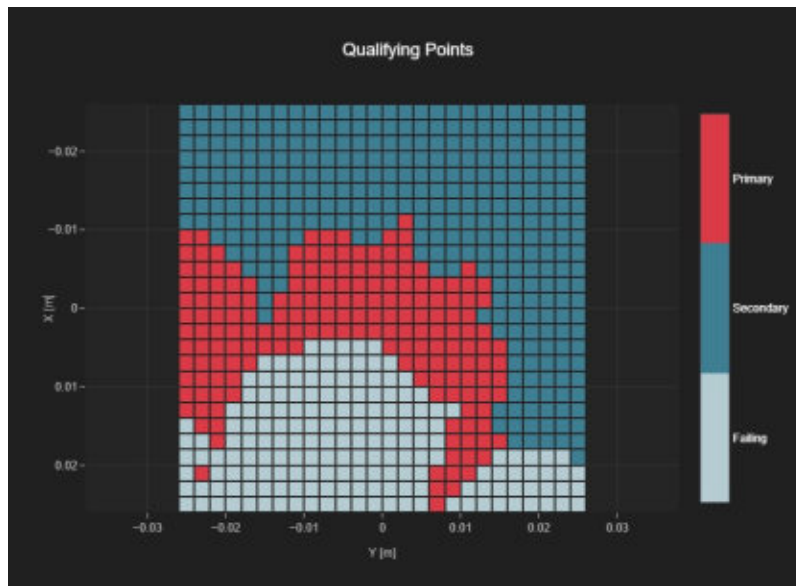
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.54	1.47



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	499	24	26



10_LTE Band 5_10M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch20525

Measurement performed on October 25, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

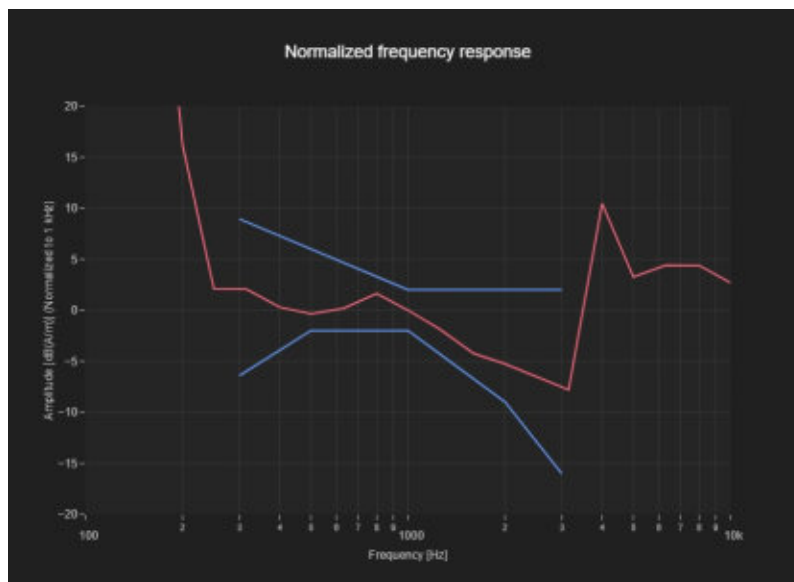
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 5	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	20525	836.5

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

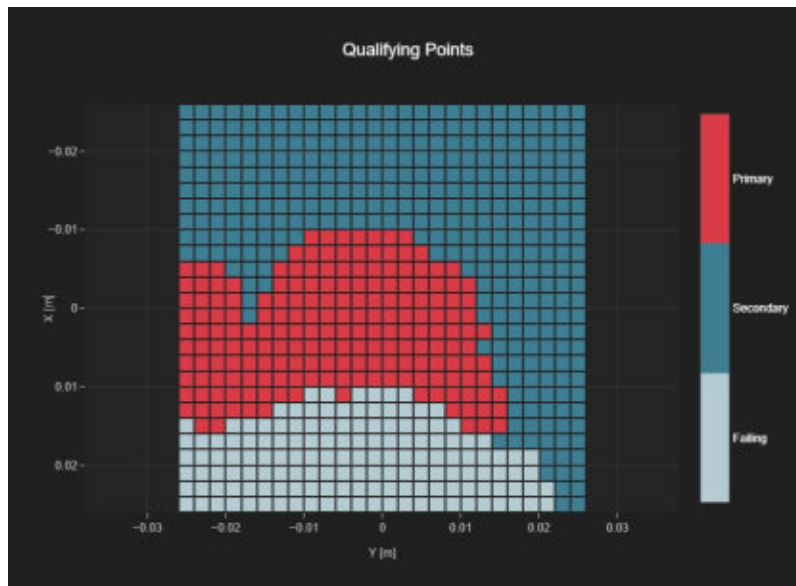
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.66	1.65



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
193	529	26	26



11_LTE Band 7_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch21100

Measurement performed on October 25, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

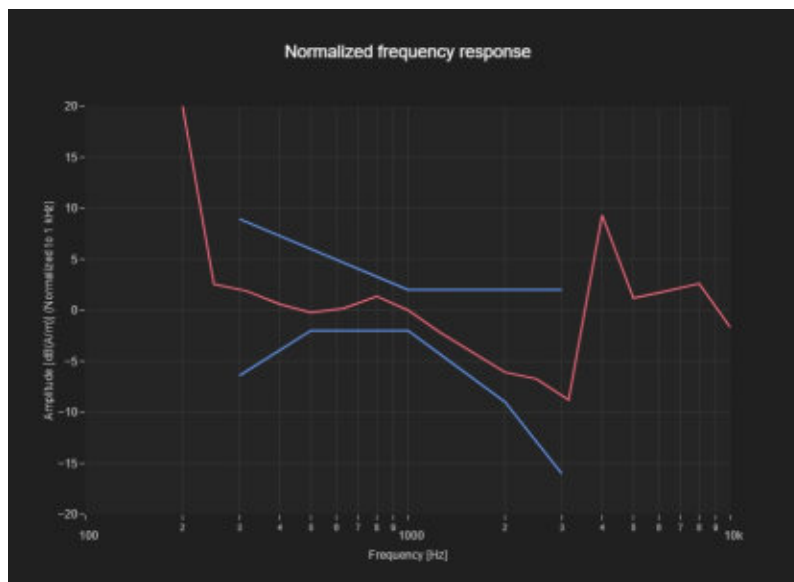
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 7	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	21100	2535.0

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

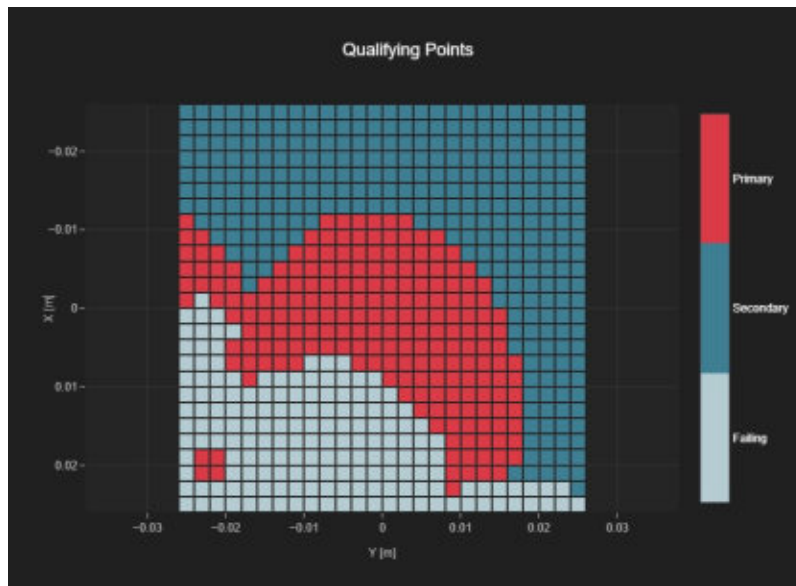
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.93	1.77



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
206	505	25	26



12_LTE Band 7_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch21100

Measurement performed on October 24, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

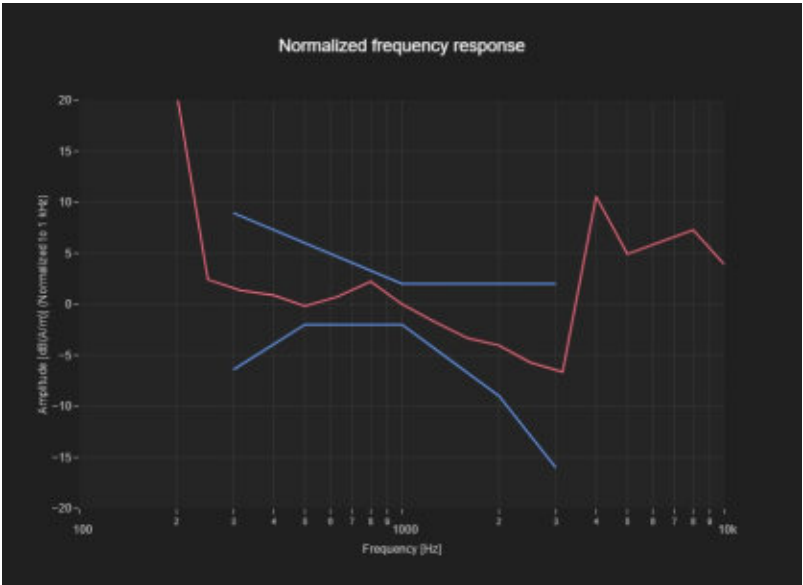
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 7	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	21100	2535.0

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

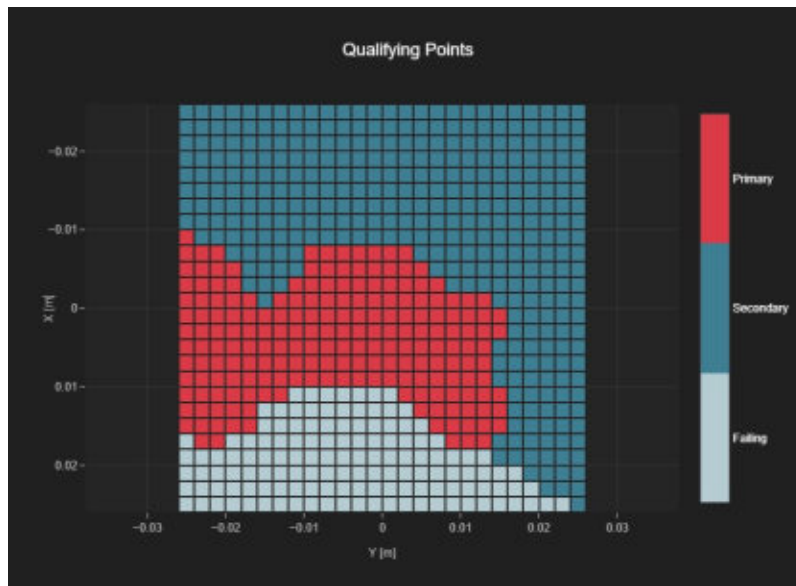
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.07	1.81



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
198	543	26	26



13_LTE Band 12_10M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch23095

Measurement performed on October 25, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

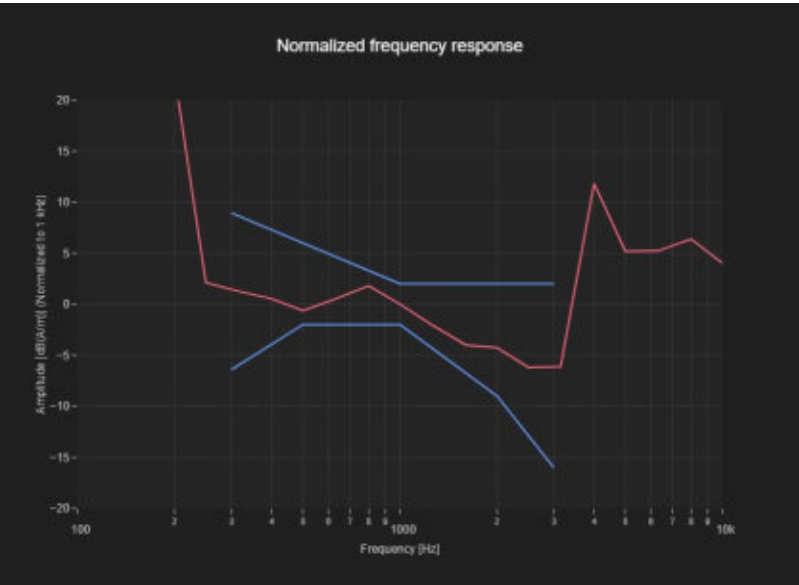
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 12	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	23095	707.5

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

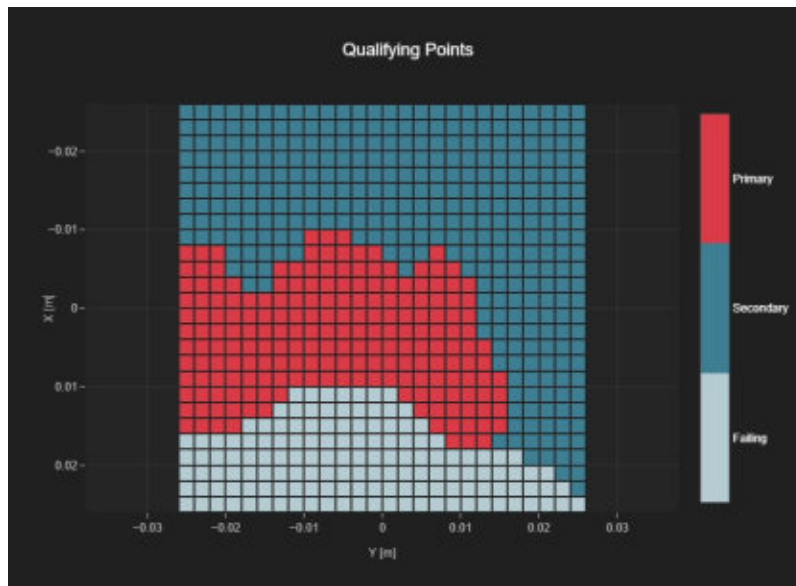
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.49	1.37



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
199	534	25	26



14_LTE Band 13_10M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch23230

Measurement performed on October 25, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

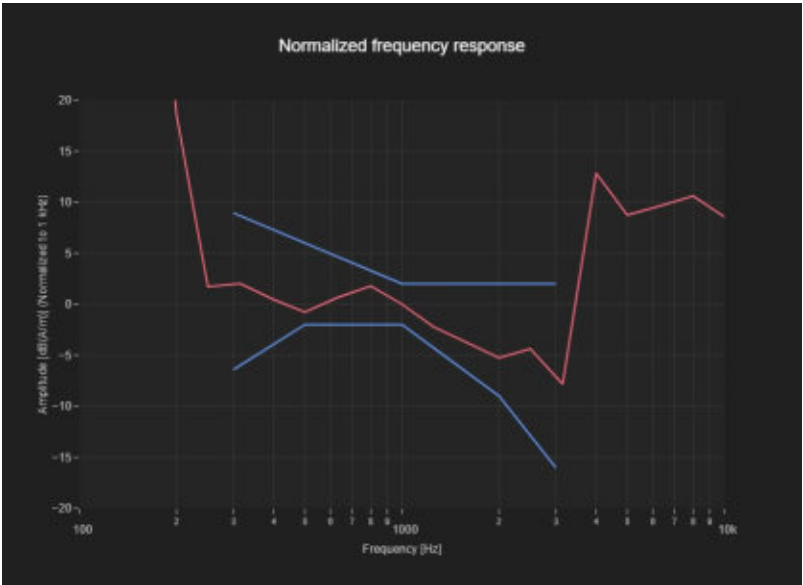
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 13	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	23230	782.0

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

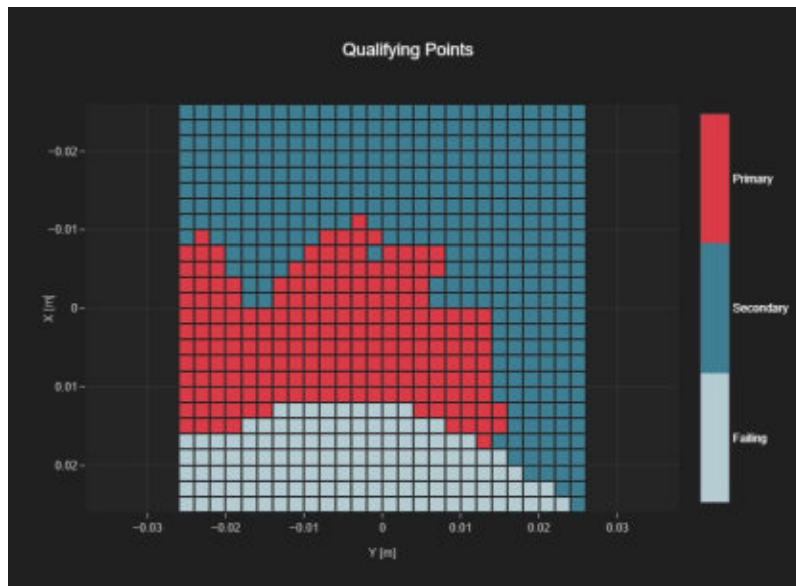
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.51	1.23



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
199	543	26	26



15_LTE Band 17_10M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch23790

Measurement performed on October 25, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

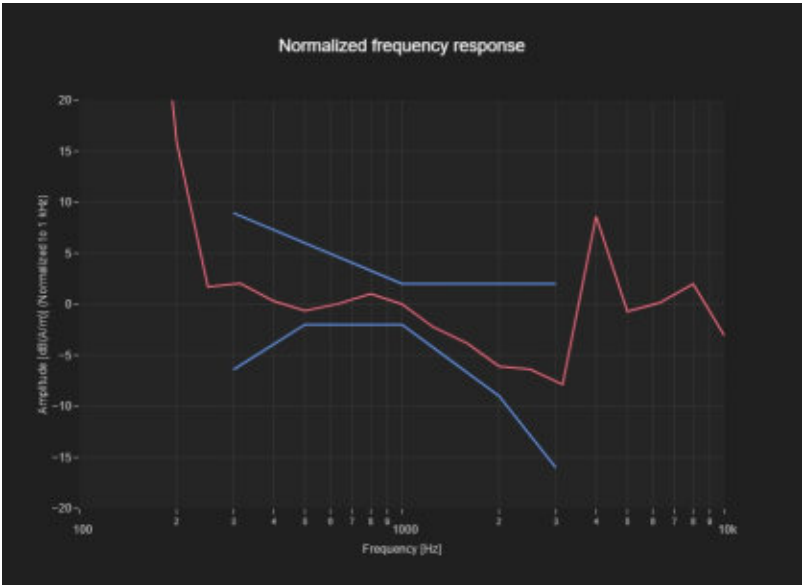
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 17	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	23790	710.0

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

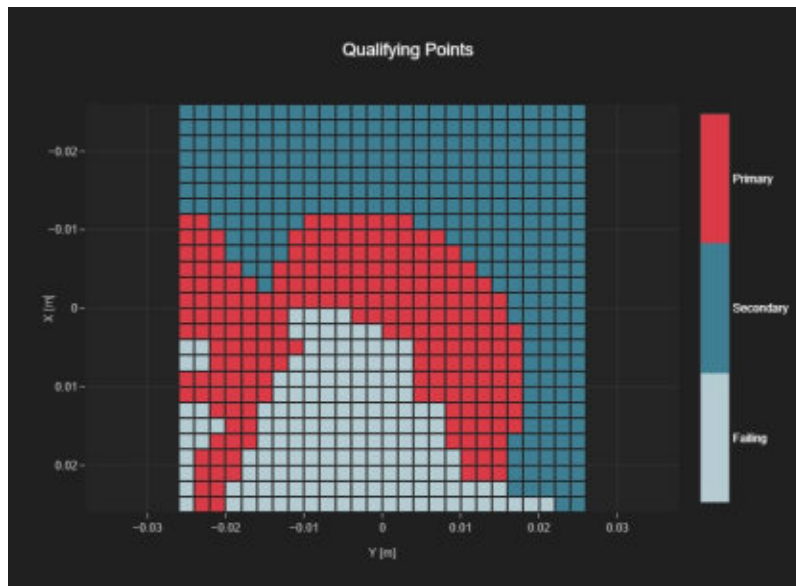
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	1.35



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
215	515	26	26



16_LTE Band 25_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch26340

Measurement performed on October 20, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

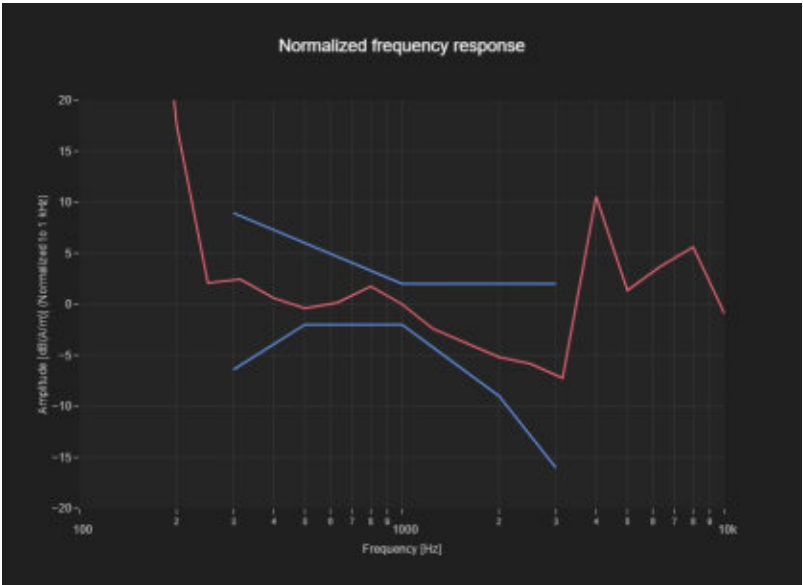
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 25	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	26340	1880.0

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

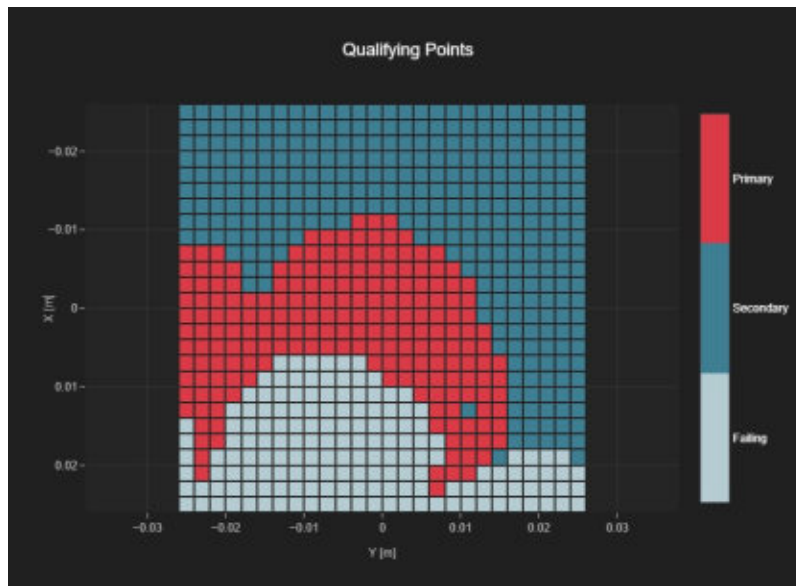
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.54	1.6



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	516	24	26



17_LTE Band 25_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch26340

Measurement performed on October 20, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

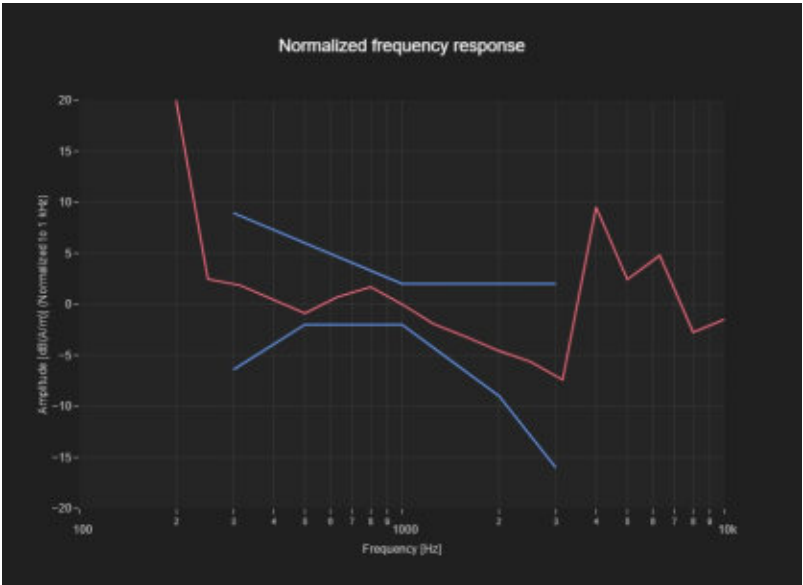
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 25	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	26340	1880.0

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

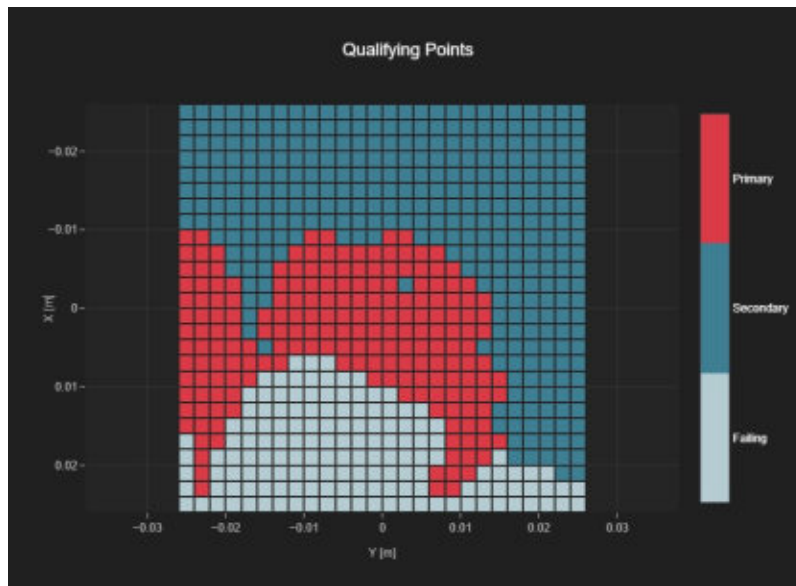
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.59	1.1



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	529	25	26



18_LTE Band 26_15M_QPSK_1RB_0Offset_EVS NB5.9Kbps_Ch26865

Measurement performed on October 25, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

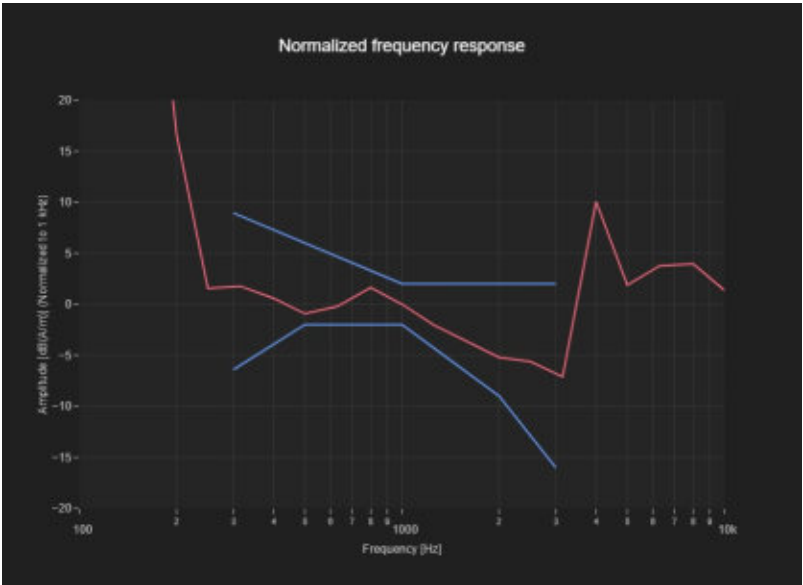
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 26	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	26865	831.5

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

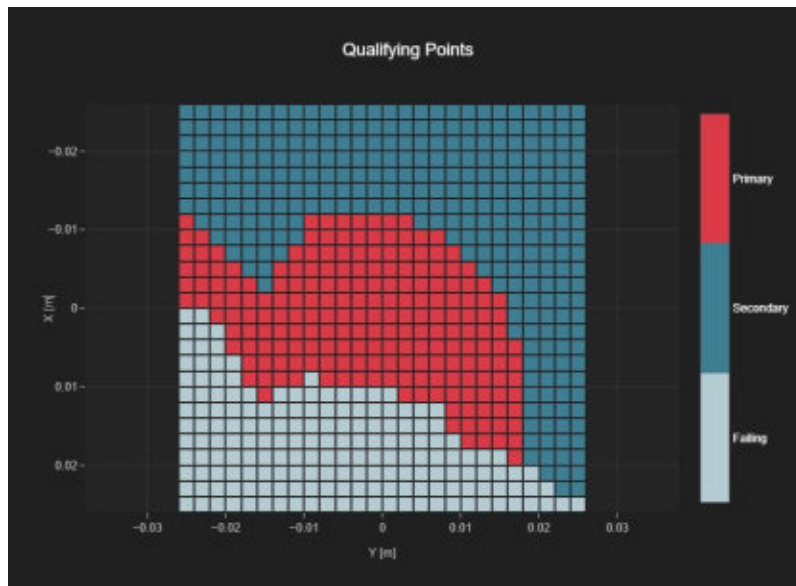
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.66	1.07



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
205	500	25	26



19_LTE Band 30_10M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch27710

Measurement performed on October 24, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

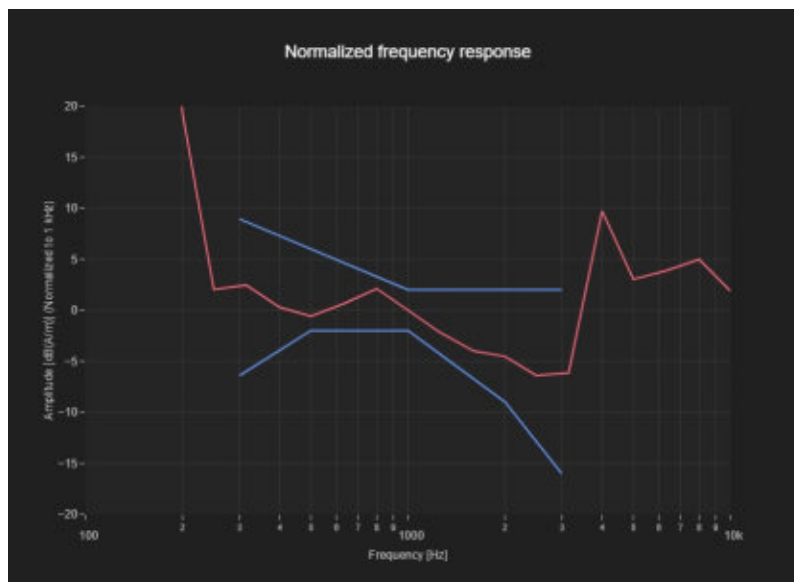
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 30	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	27710	2310.0

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

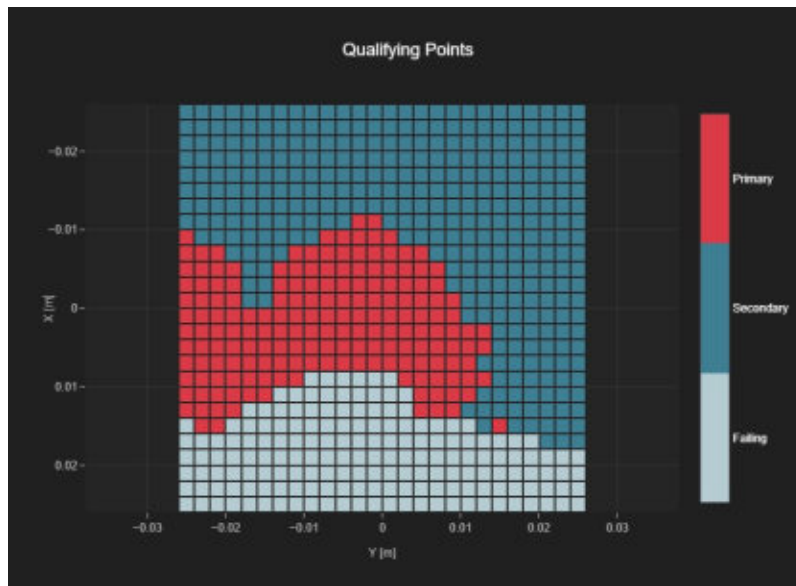
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.17	1.4



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
177	506	22	26



20_LTE Band 66_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch132322

Measurement performed on October 25, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

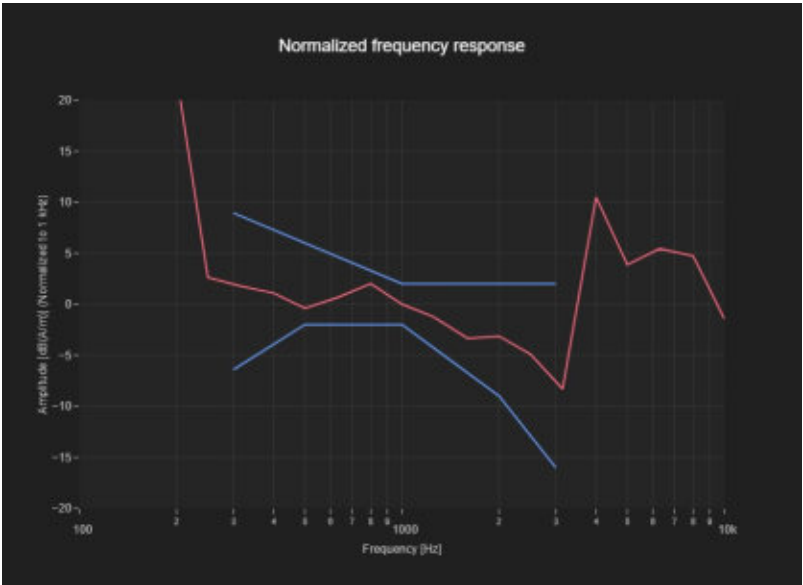
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 66	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	132322	1745.0

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

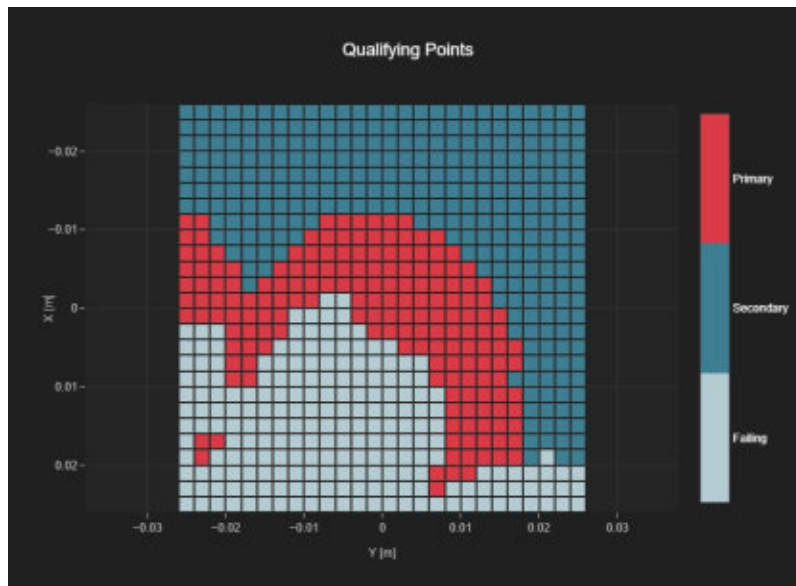
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.27	1.61



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
175	466	24	26



21_LTE Band 66_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch132322

Measurement performed on October 24, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

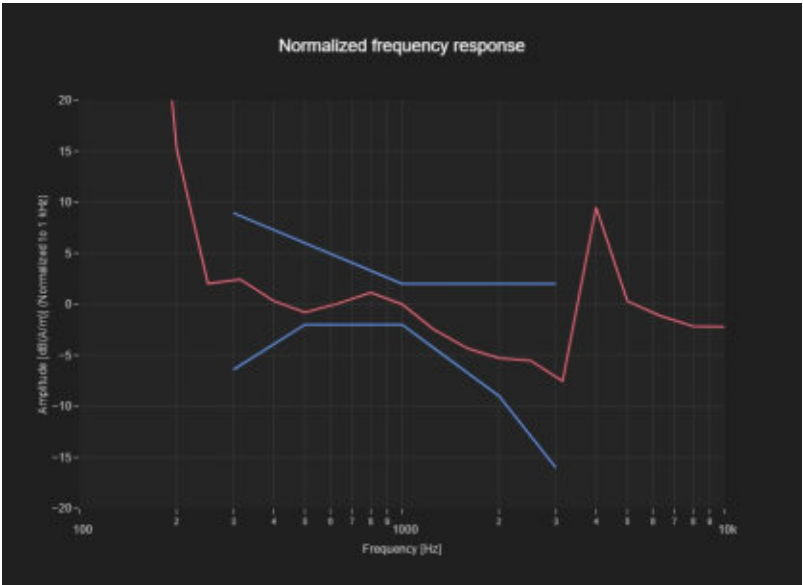
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 66	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	132322	1745.0

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

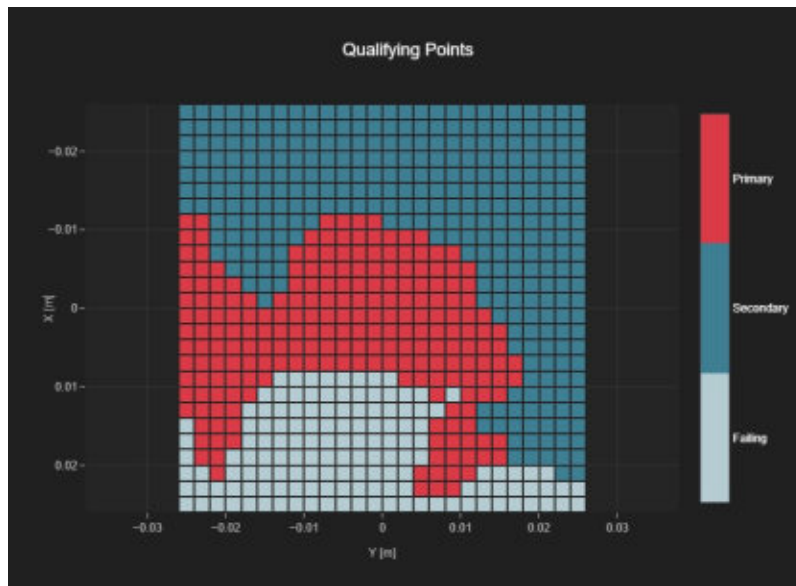
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	1.19



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
220	535	24	26



22_LTE Band 71_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch133297

Measurement performed on October 25, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

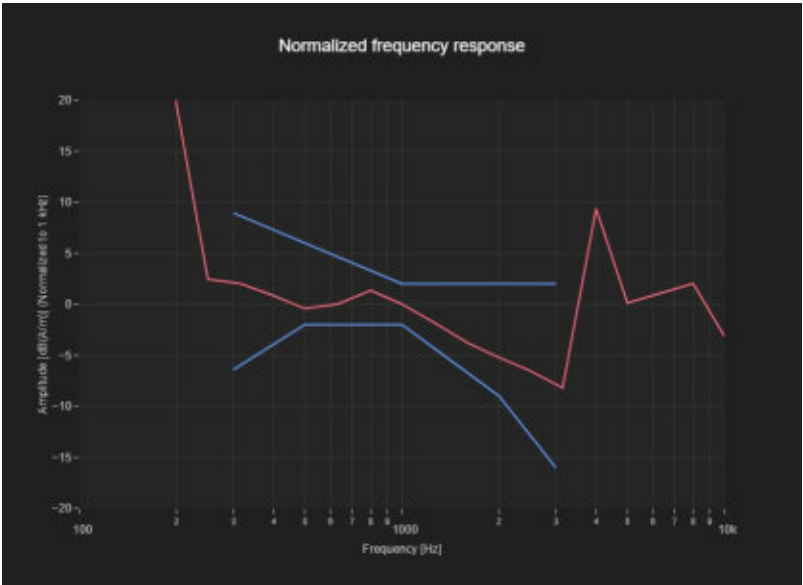
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 71	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	133297	680.5

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

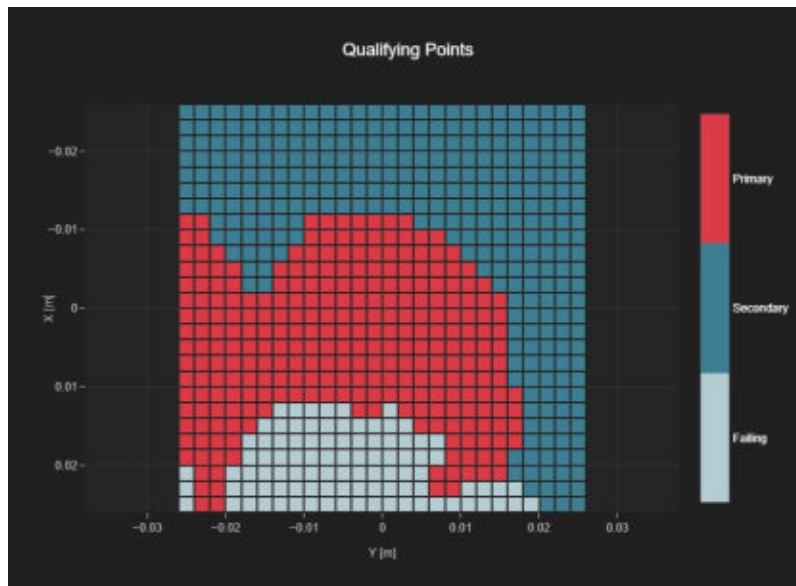
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.94	1.57



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
275	581	26	26



23_LTE Band 38_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch38000

Measurement performed on October 23, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

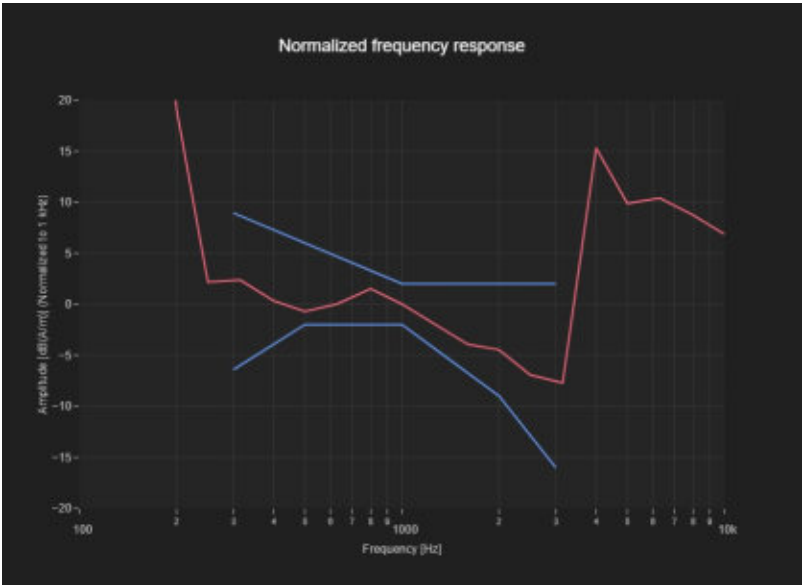
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 38	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	38000	2595.0

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

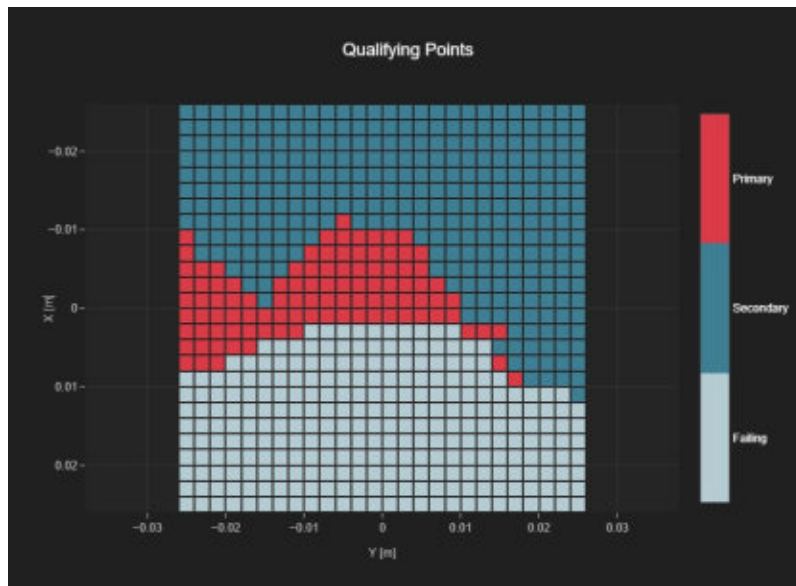
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.78	1.29



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
100	406	19	26



24_LTE Band 38_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch38000

Measurement performed on October 23, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

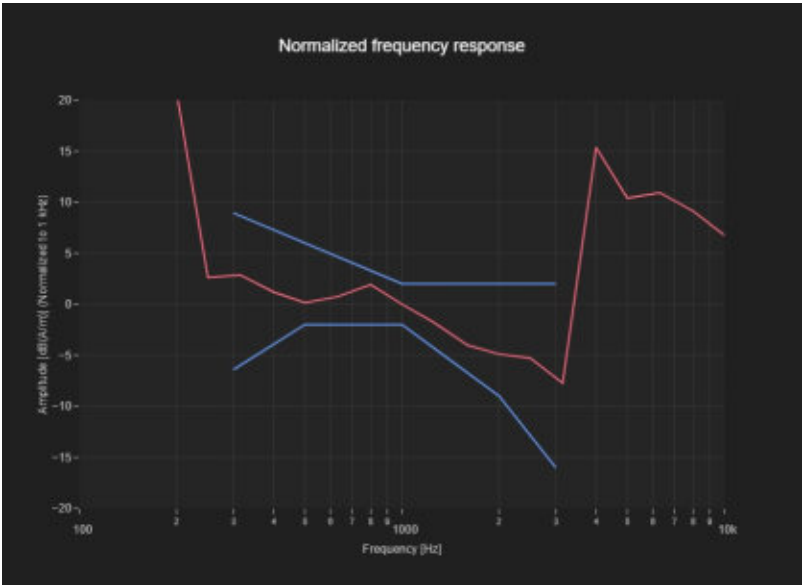
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 38	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	38000	2595.0

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

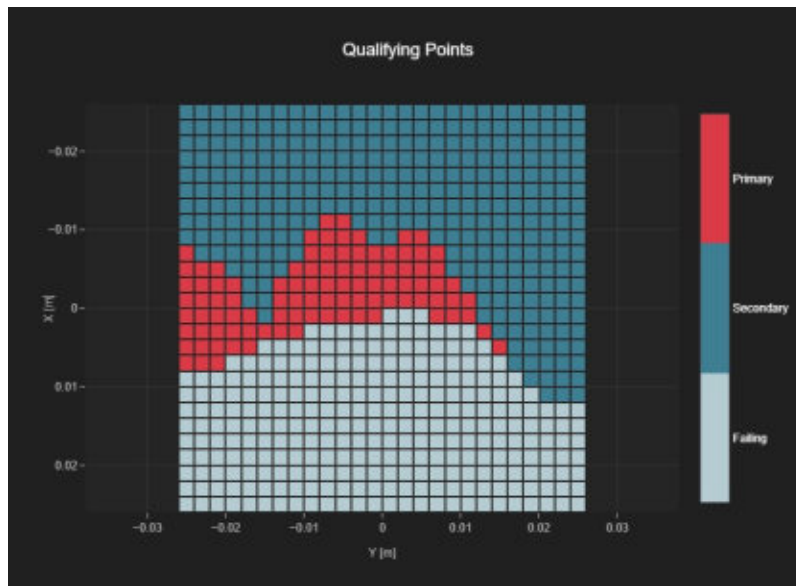
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.36	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
97	402	19	26



25_LTE Band 41_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch40620

Measurement performed on October 16, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

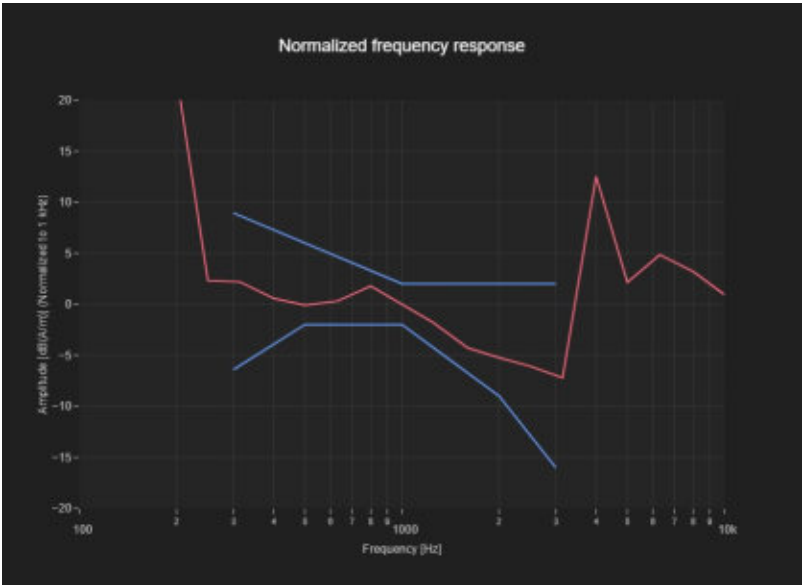
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 41	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	40620	2593.0

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

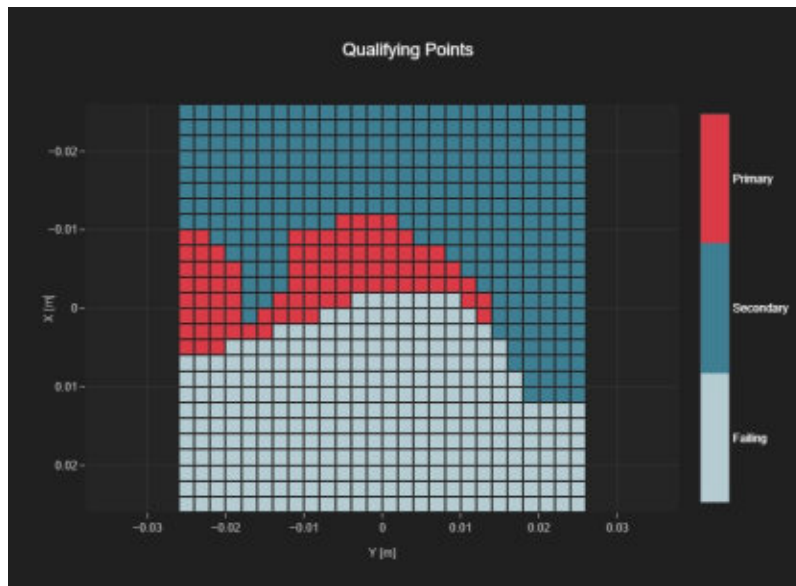
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.52	1.9



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
87	380	19	26



26_LTE Band 41_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch40620

Measurement performed on October 17, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

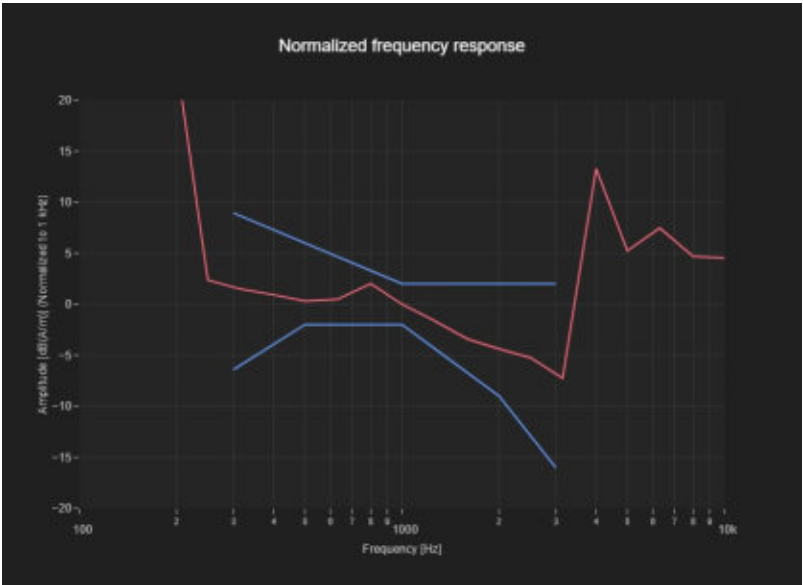
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 41	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	40620	2593.0

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

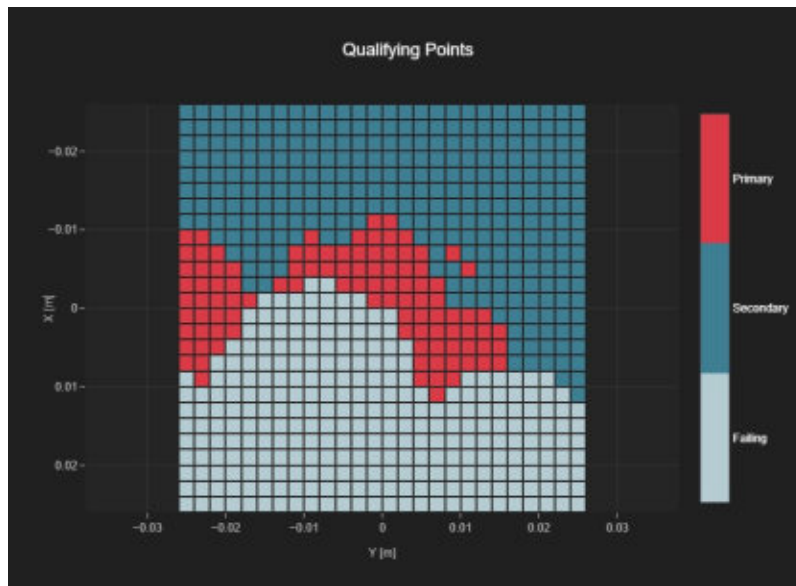
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.28	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
102	396	19	26



27_LTE Band 48_20M_QPSK_1RB_0Offset_EVS NB 5.9Kbps_Ch55830

Measurement performed on October 23, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

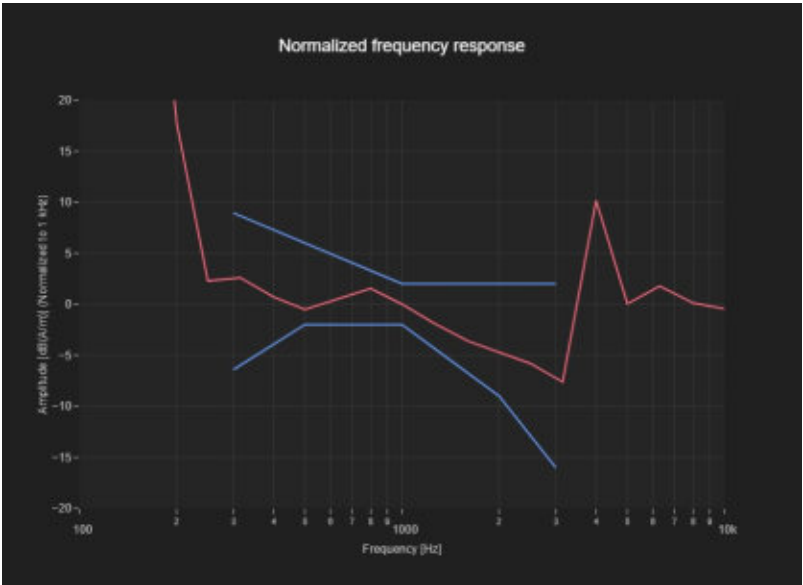
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 48	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	55830	3609.0

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

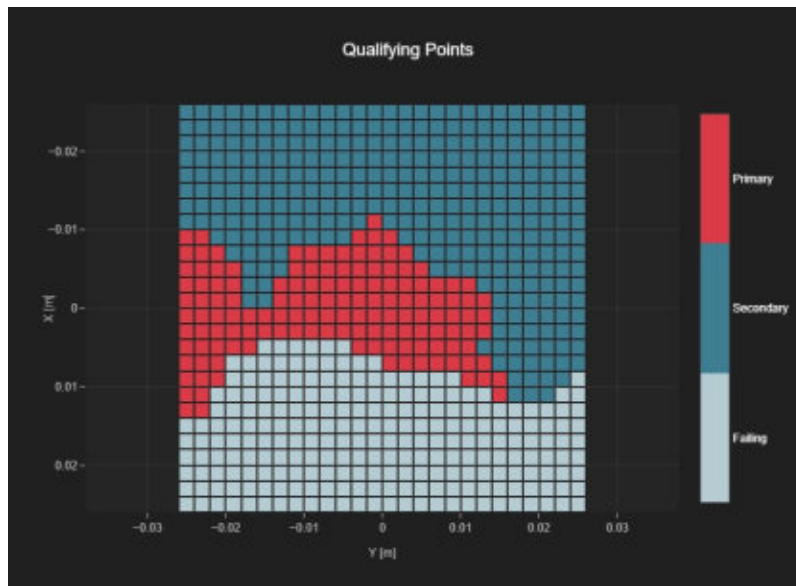
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.75	1.48



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	444	20	26



28_WLAN2.4GHz_20M_802.11b 1Mbps_EVS NB 5.9Kbps_Ch6

Measurement performed on October 22, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

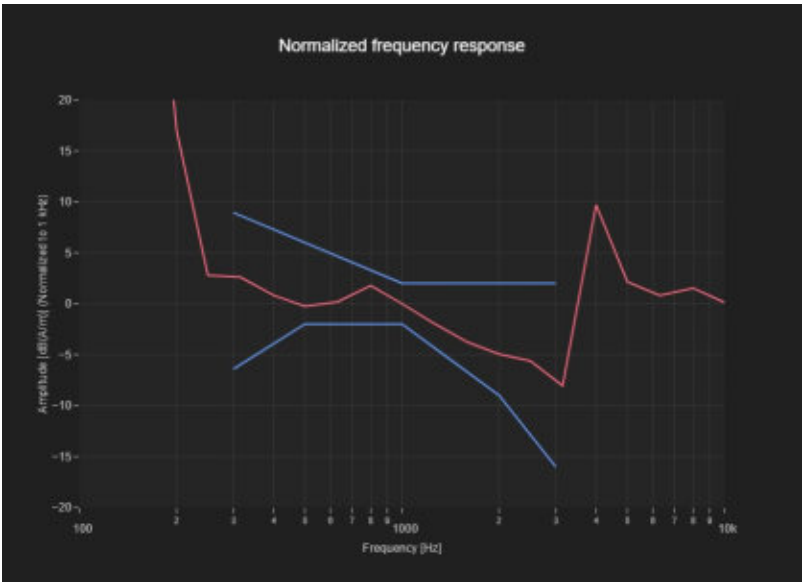
Band Name	Communication Systems Name	Channel	Frequency [MHz]
WLAN 2.4GHz	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	6	2437.0

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

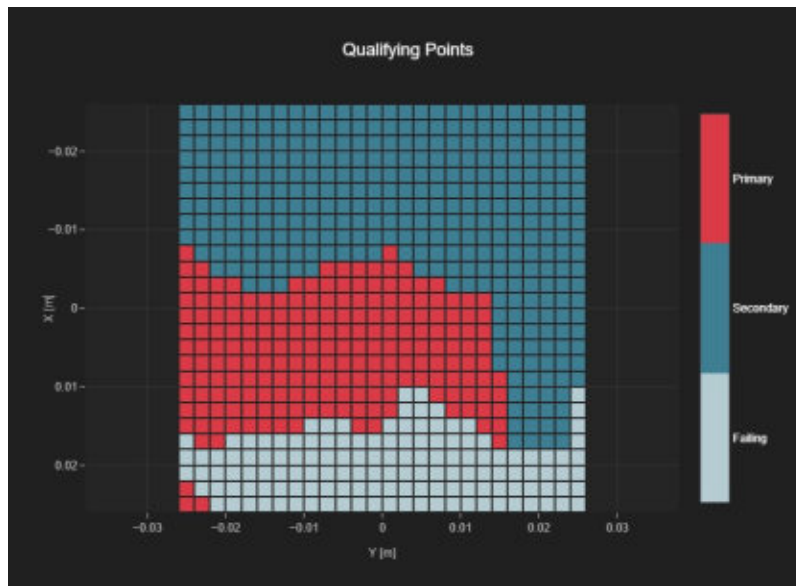
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.51	1.75



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
200	539	23	26



29_WLAN2.4GHz_20M_802.11b 1Mbps_EVS NB 5.9Kbps_Ch6

Measurement performed on October 22, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

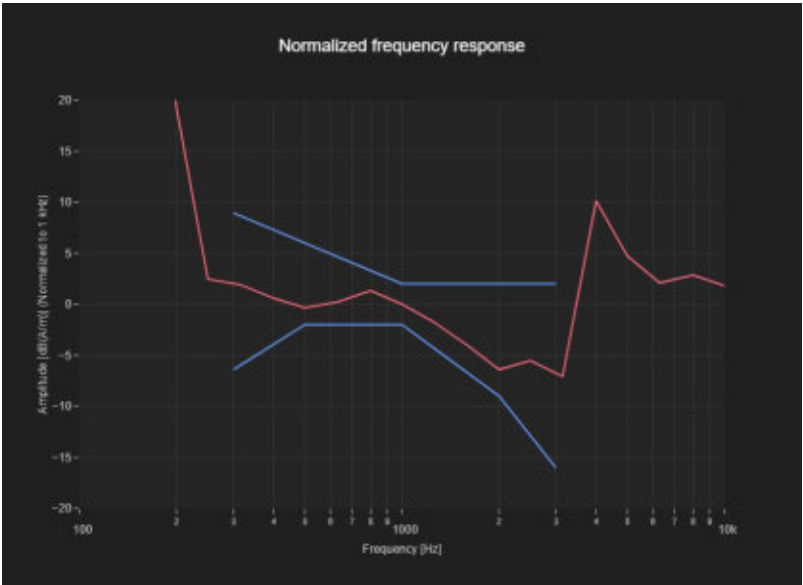
Band Name	Communication Systems Name	Channel	Frequency [MHz]
WLAN 2.4GHz	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	6	2437.0

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

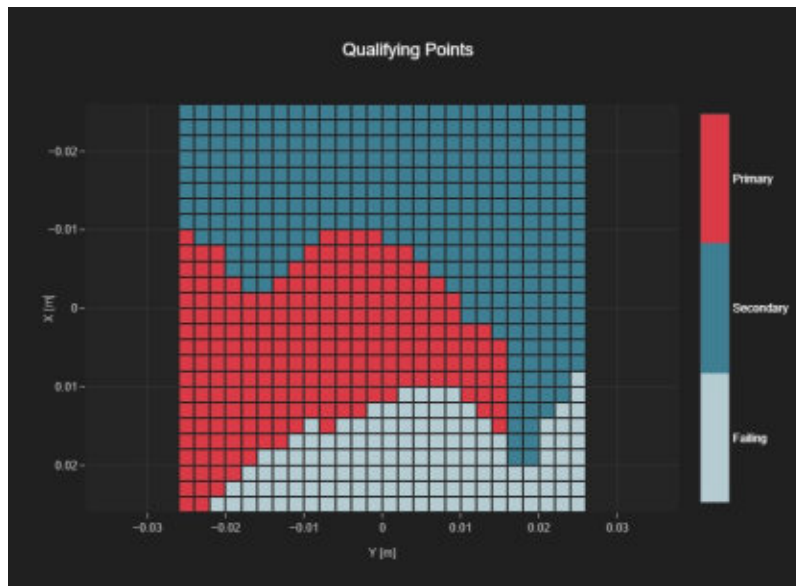
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.96	1.65



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
223	542	26	26



30_WLAN2.4GHz_20M_802.11b 1Mbps_EVS NB 5.9Kbps_Ch6

Measurement performed on October 22, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

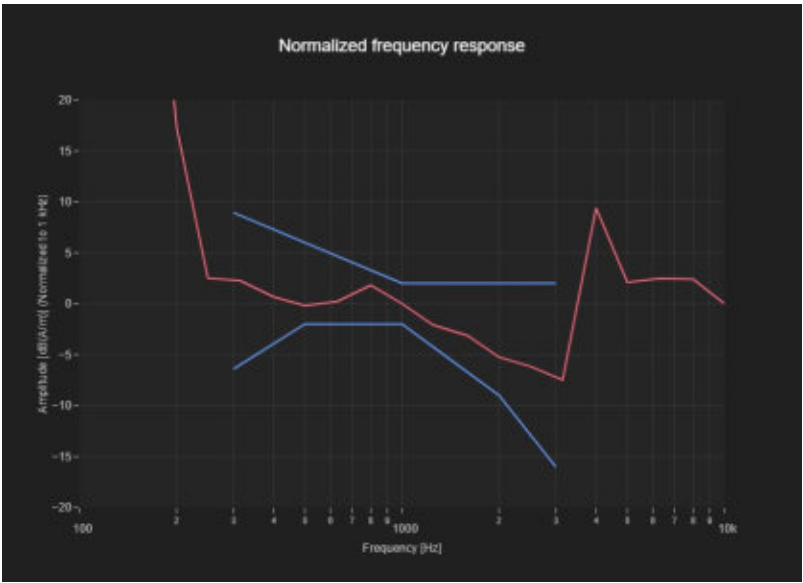
Band Name	Communication Systems Name	Channel	Frequency [MHz]
WLAN 2.4GHz	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	6	2437.0

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

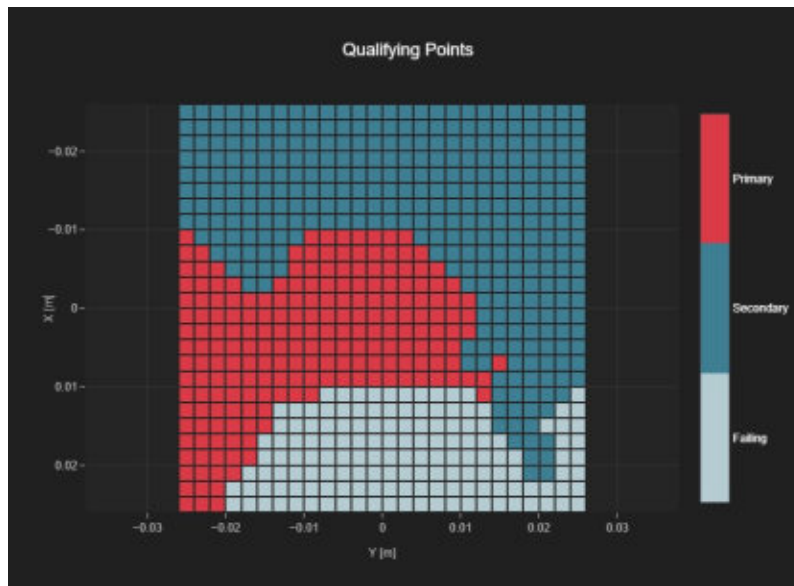
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.48	1.81



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
204	529	26	26



31_WLAN5GHz_20M_802.11n HT20 MCS0_EVS NB 5.9Kbps_Ch36

Measurement performed on October 23, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

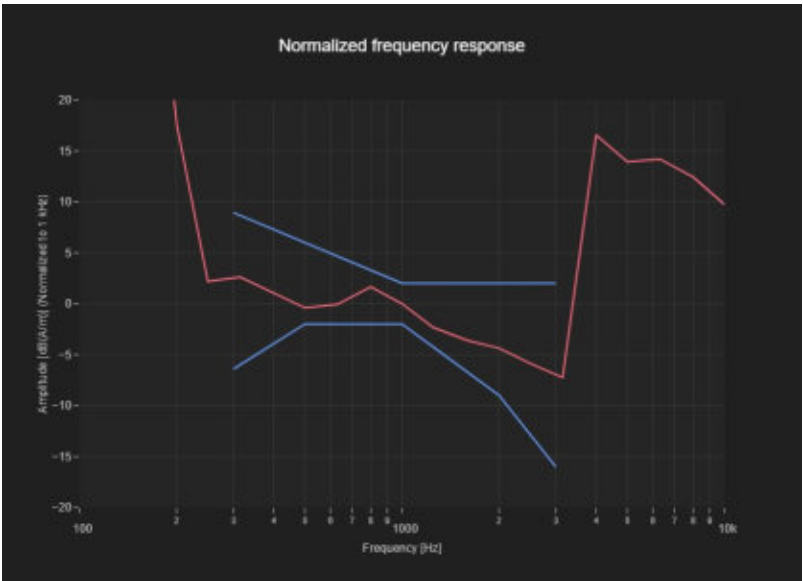
Band Name	Communication Systems Name	Channel	Frequency [MHz]
WLAN 5GHz	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 99pc duty cycle)	36	5180.0

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

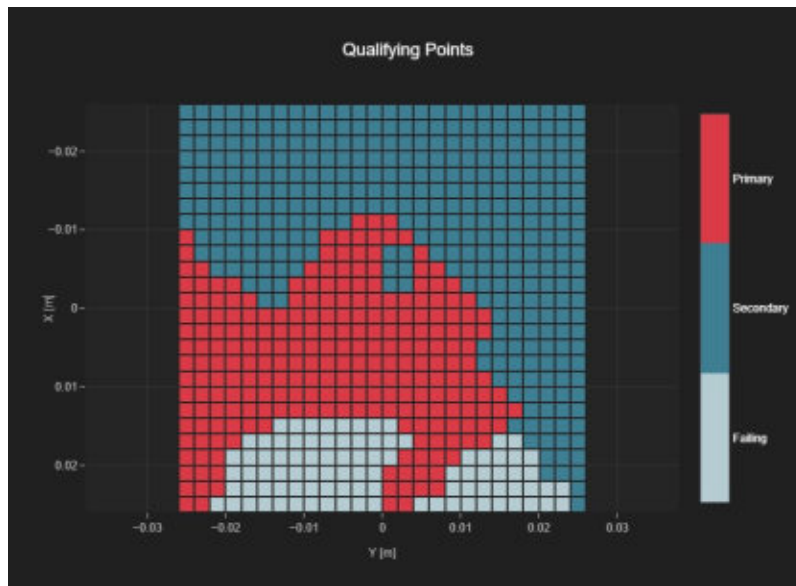
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.64	1.59



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
243	584	26	26



32_WLAN5GHz_20M_802.11n HT20 MCS0_EVS NB 5.9Kbps_Ch52

Measurement performed on October 23, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

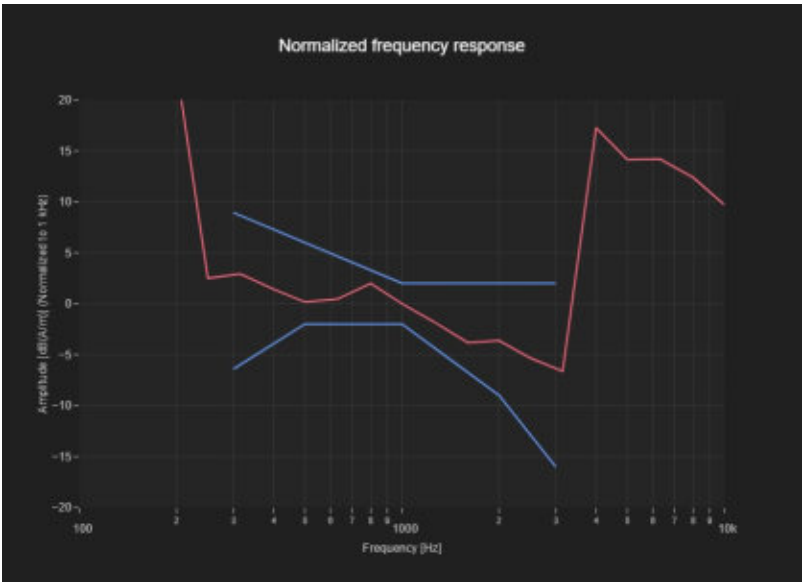
Band Name	Communication Systems Name	Channel	Frequency [MHz]
WLAN 5GHz	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 99pc duty cycle)	52	5260.0

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

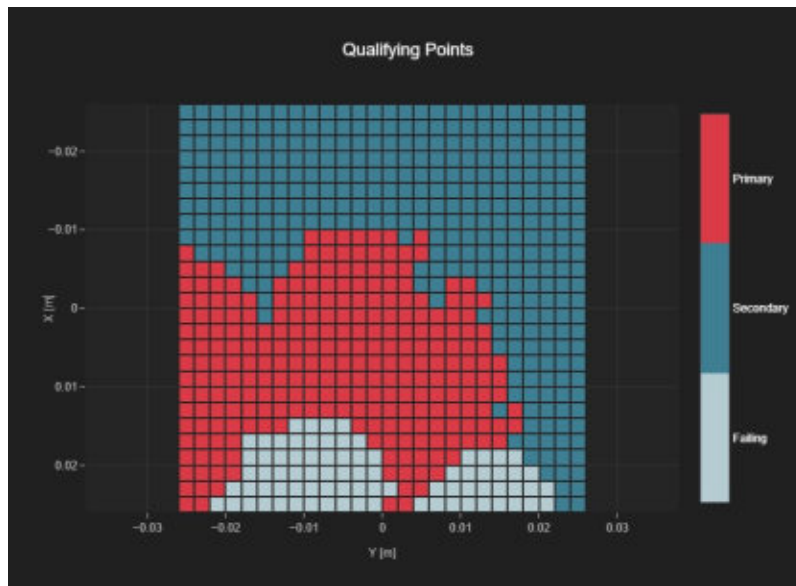
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.31	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
259	597	26	26



33_WLAN5GHz_20M_802.11n HT20 MCS0_EVS NB 5.9Kbps_Ch100

Measurement performed on October 23, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

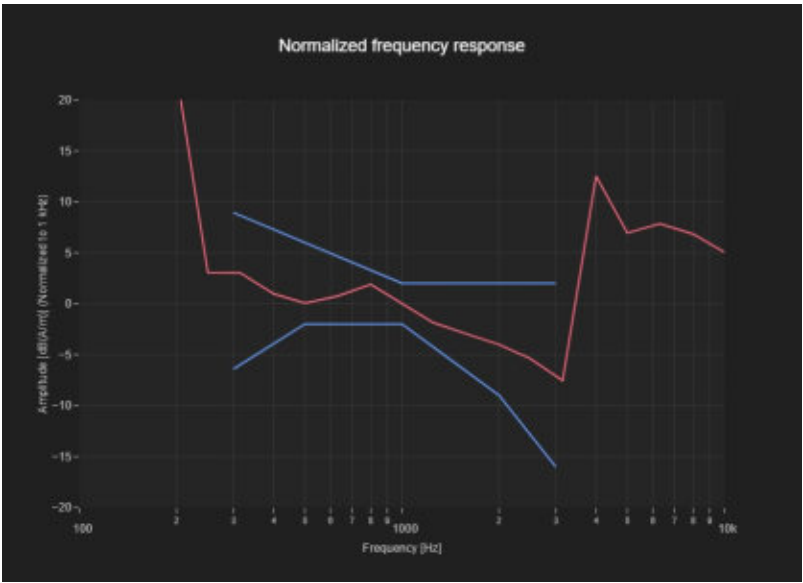
Band Name	Communication Systems Name	Channel	Frequency [MHz]
WLAN 5GHz	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 99pc duty cycle)	100	5500.0

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

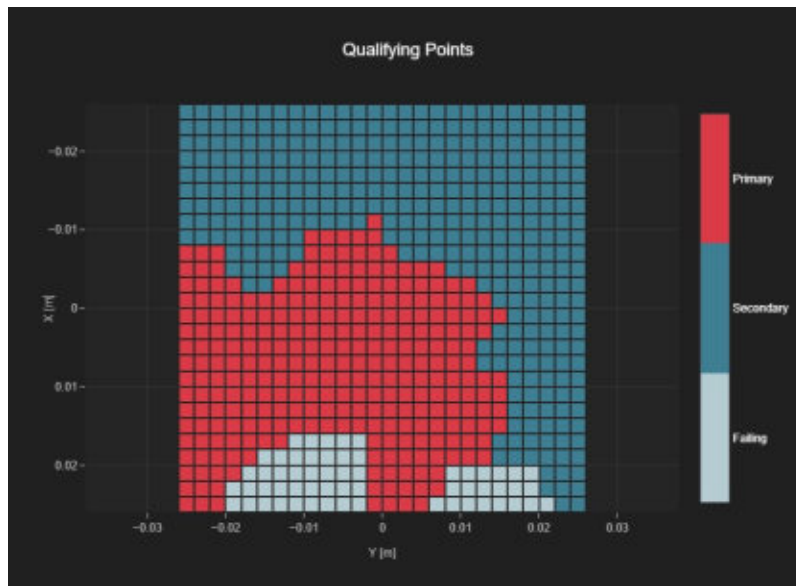
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.4	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
280	618	26	26



34_WLAN5GHz_20M_802.11n HT20 MCS0_EVS NB 5.9Kbps_Ch149

Measurement performed on October 23, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

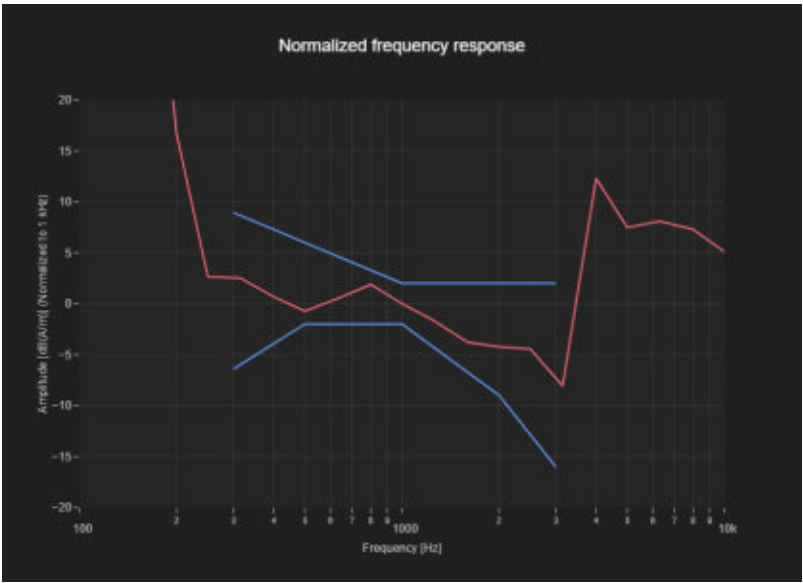
Band Name	Communication Systems Name	Channel	Frequency [MHz]
WLAN 5GHz	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 99pc duty cycle)	149	5745.0

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

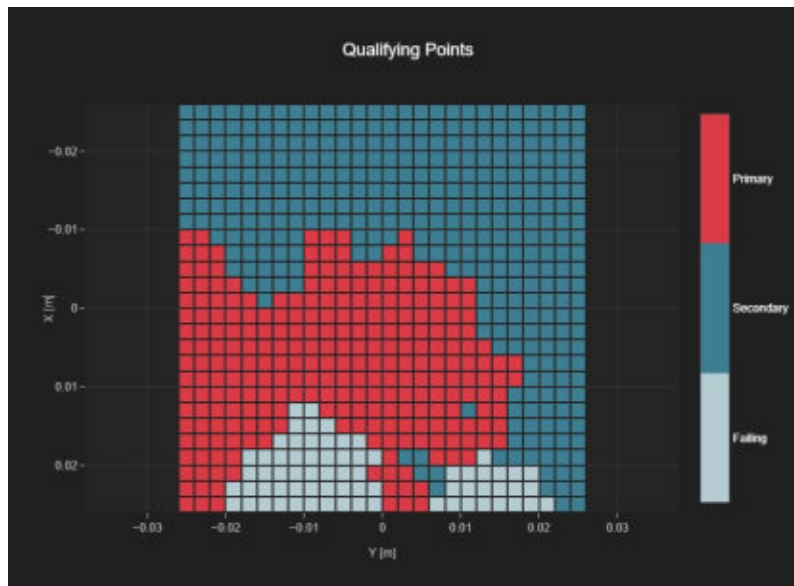
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.4	1.27



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
260	607	26	26



35_WLAN5GHz_20M_802.11n HT20 MCS0_EVS NB 5.9Kbps_Ch36

Measurement performed on October 23, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

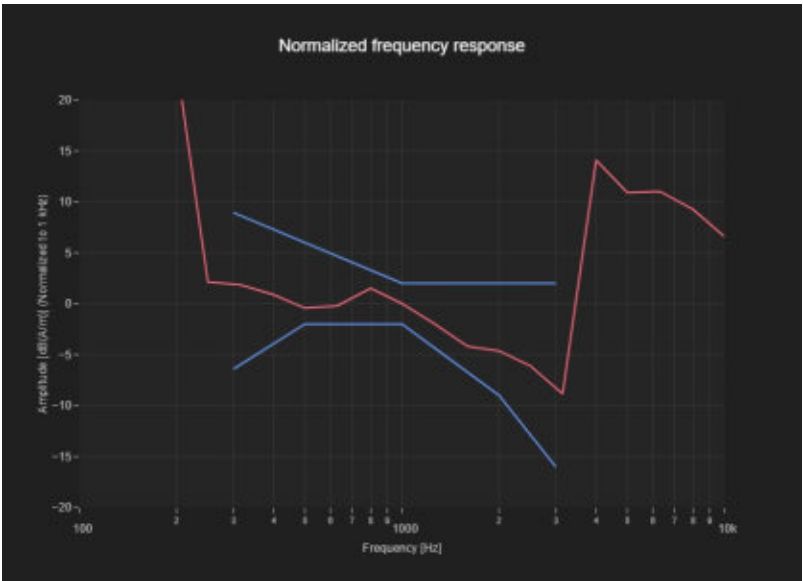
Band Name	Communication Systems Name	Channel	Frequency [MHz]
WLAN 5GHz	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 99pc duty cycle)	36	5180.0

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

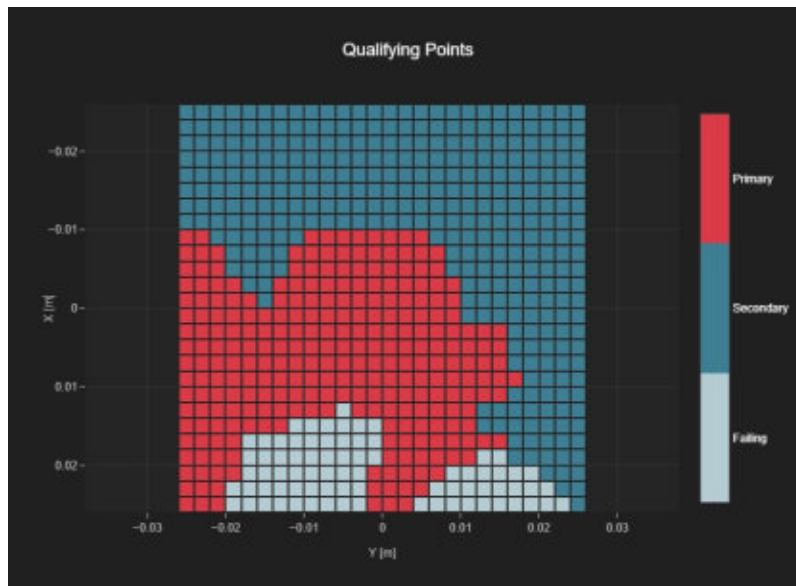
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.78	1.56



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
268	599	26	26



36_WLAN5GHz_20M_802.11n HT20 MCS0_EVS NB 5.9Kbps_Ch36

Measurement performed on October 23, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
OnePlus	CPH2771	164.0 x 78.0 x 8.0	163.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3106	December 11, 2024	DAE4 Sn1386	September 15, 2025

Communication Systems

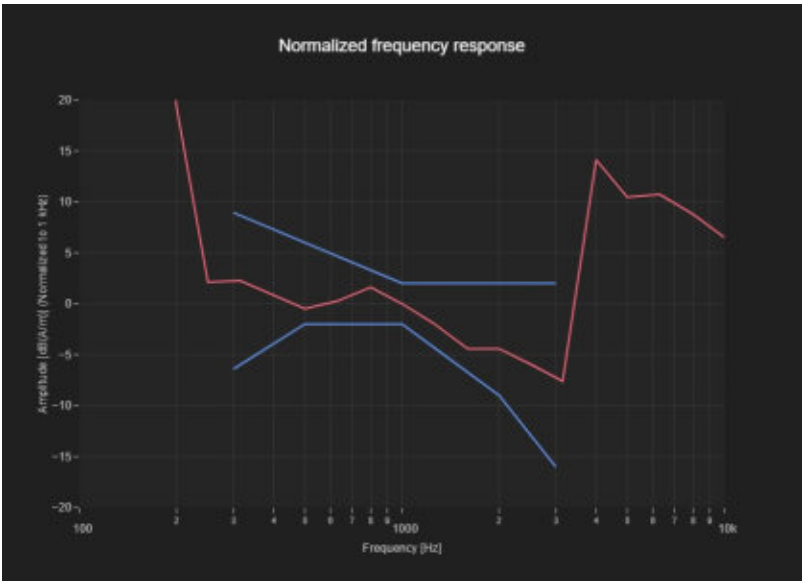
Band Name	Communication Systems Name	Channel	Frequency [MHz]
WLAN 5GHz	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 99pc duty cycle)	36	5180.0

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	1.68	1.5



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	608	26	26

