

Plot No.01 T-Coil Signal Test Report

Measurement performed on October 04, 2024

Device Under Test

Dimensions [mm]	Speaker Position [mm]
167.0 x 82.0 x 8.5	165.5

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE3 Sn577	June 18, 2024

Communication Systems

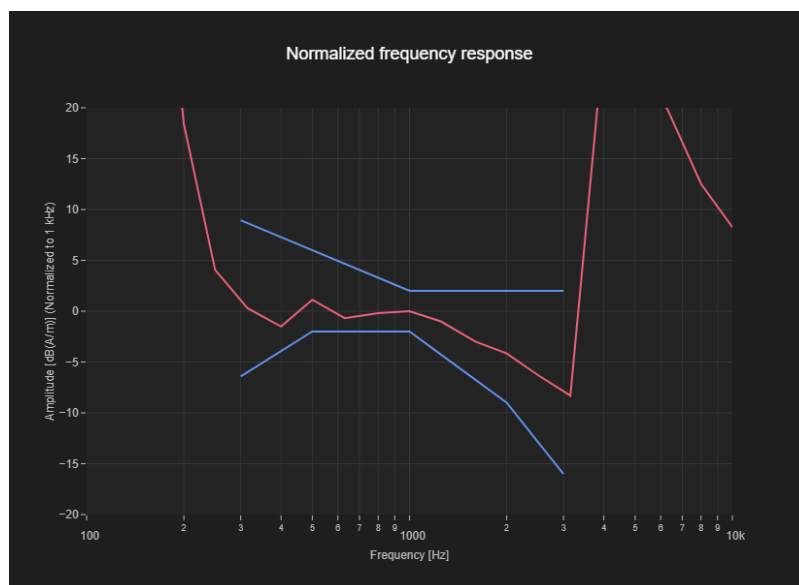
Band Name	Communication Systems Name	Channel	Frequency [MHz]
GSM 850	EDGE-FDD (TDMA, 8PSK, TN 0-1)	189	836.4

Grid Settings

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

Results

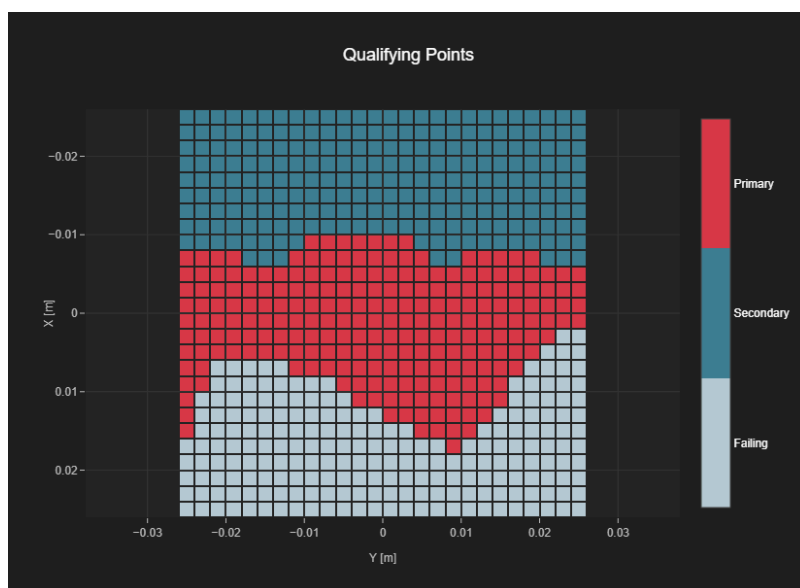
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	1.31



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
231	466	22	26



Plot No.02 T-Coil Signal Test Report

Measurement performed on October 05, 2024

Device Under Test

Dimensions [mm]	Speaker Position [mm]
167.0 x 82.0 x 8.5	165.5

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE3 Sn577	June 18, 2024

Communication Systems

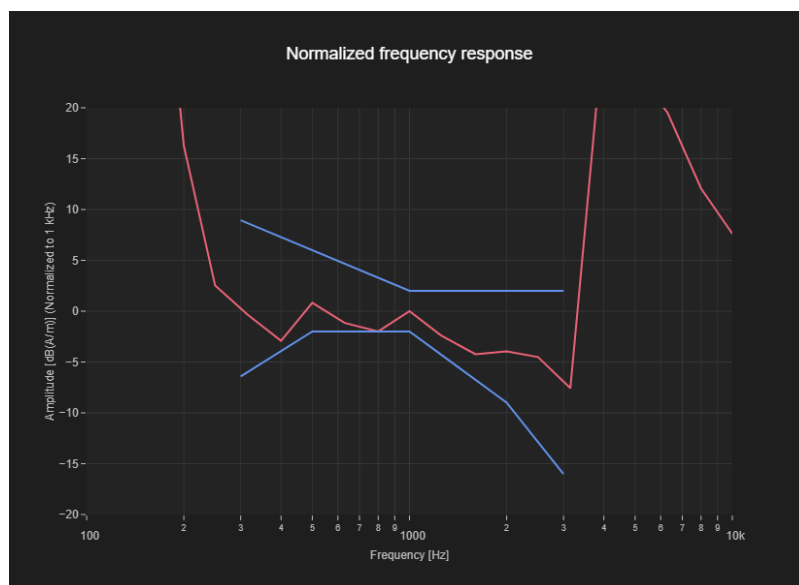
Band Name	Communication Systems Name	Channel	Frequency [MHz]
PCS 1900	EDGE-FDD (TDMA, 8PSK, TN 0-1)	661	1880.0

Grid Settings

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

Results

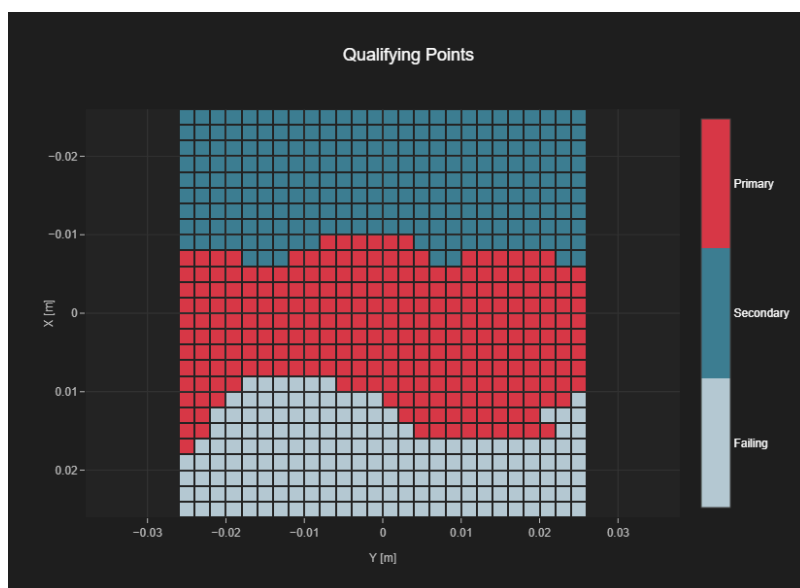
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	0.01



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
265	500	22	26



Plot No.03 T-Coil Signal Test Report

Measurement performed on October 05, 2024

Device Under Test

Dimensions [mm]	Speaker Position [mm]
167.0 x 82.0 x 8.5	165.5

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE3 Sn577	June 18, 2024

Communication Systems

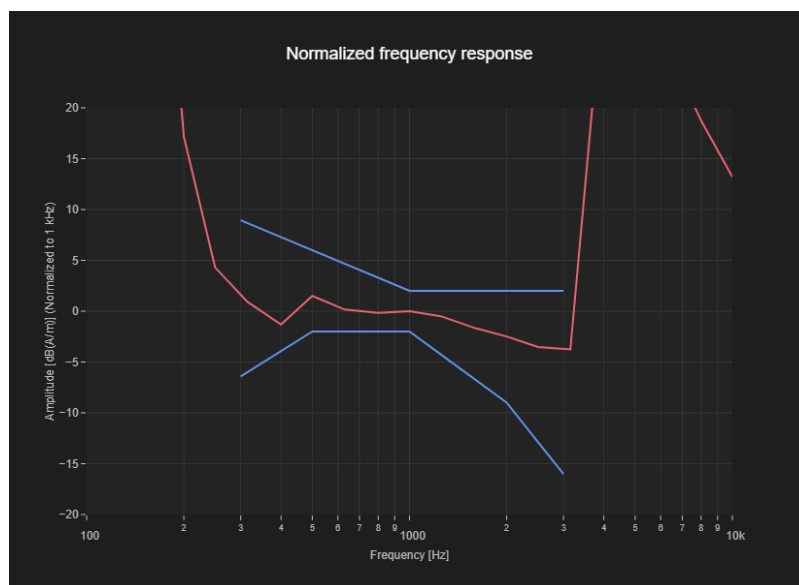
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 2	UMTS-FDD (HSPA+)	9400	1880.0

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

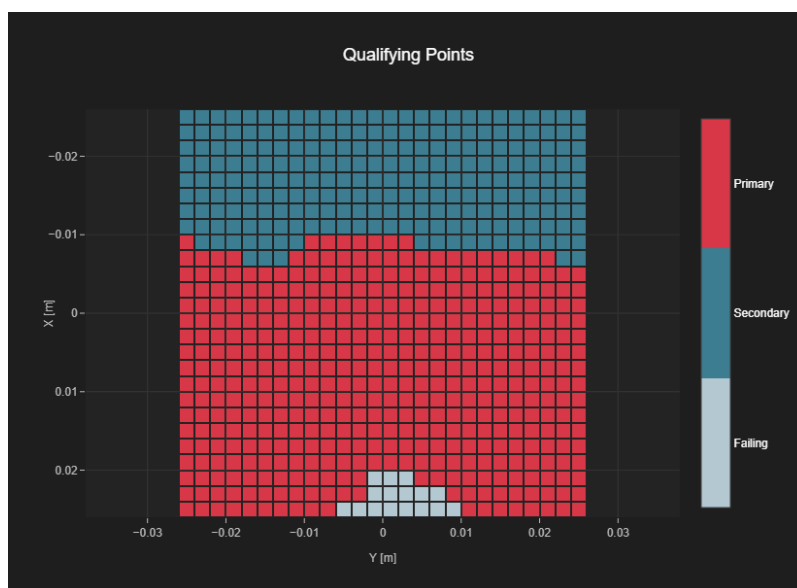
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	1.84



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
429	660	26	26



Plot No.04 T-Coil Signal Test Report

Measurement performed on October 05, 2024

Device Under Test

Dimensions [mm]	Speaker Position [mm]
167.0 x 82.0 x 8.5	165.5

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE3 Sn577	June 18, 2024

Communication Systems

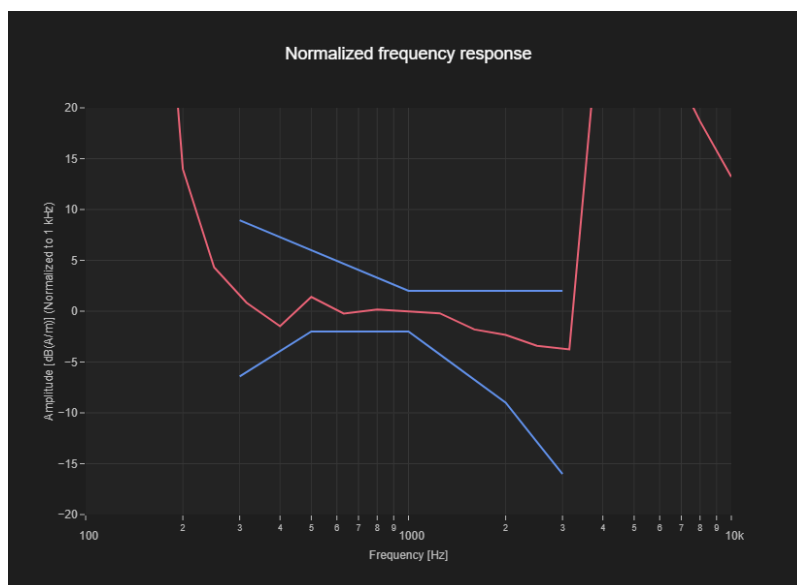
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 4	UMTS-FDD (HSPA+)	1413	1732.6

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

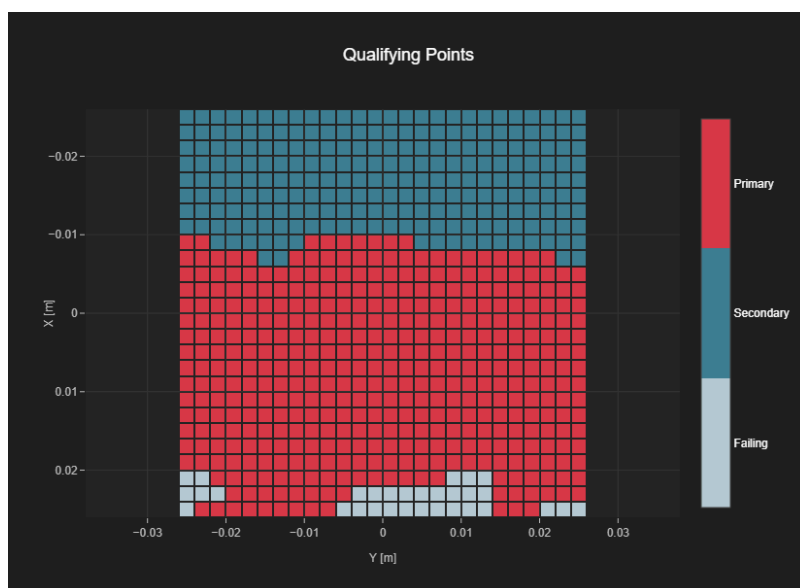
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	1.76



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
416	645	26	26



Plot No.05 T-Coil Signal Test Report

Measurement performed on October 05, 2024

Device Under Test

Dimensions [mm]	Speaker Position [mm]
167.0 x 82.0 x 8.5	165.5

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE3 Sn577	June 18, 2024

Communication Systems

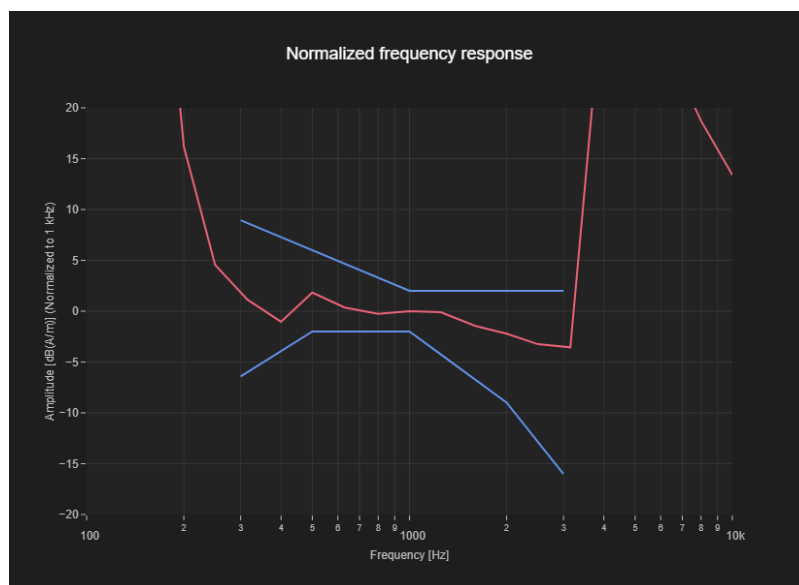
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 5	UMTS-FDD (HSPA+)	4182	836.4

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

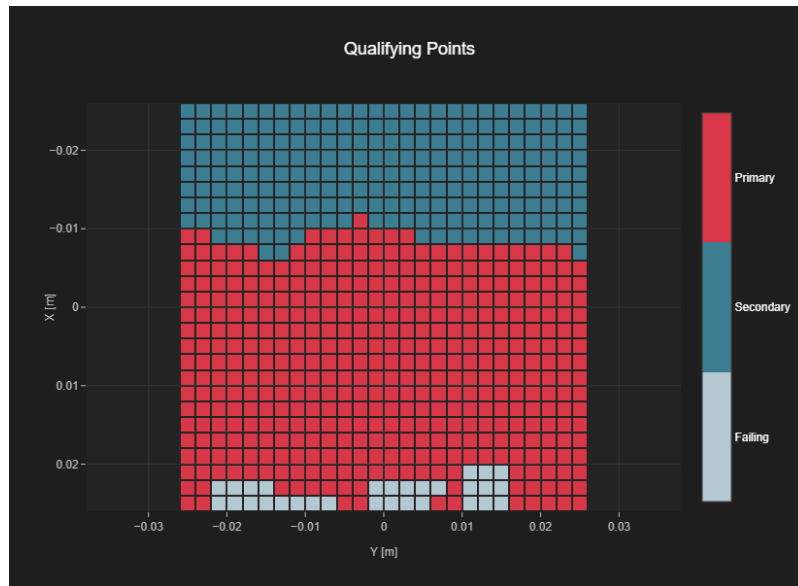
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	1.75



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
419	646	26	26



Plot No.06 T-Coil Signal Test Report

Measurement performed on October 08, 2024

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
Moto	Vegas	167.0 x 82.0 x 8.5	165.5

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE3 Sn577	June 18, 2024

Communication Systems

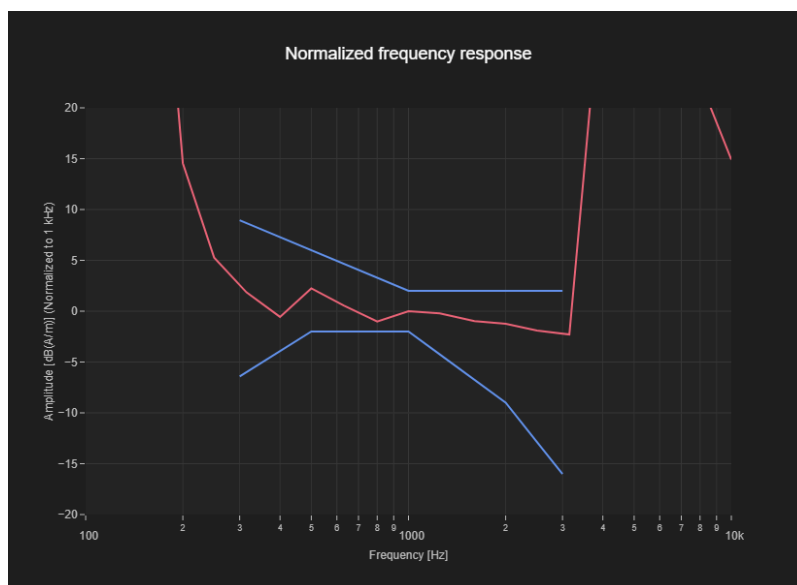
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 25	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	26340	1880.0

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

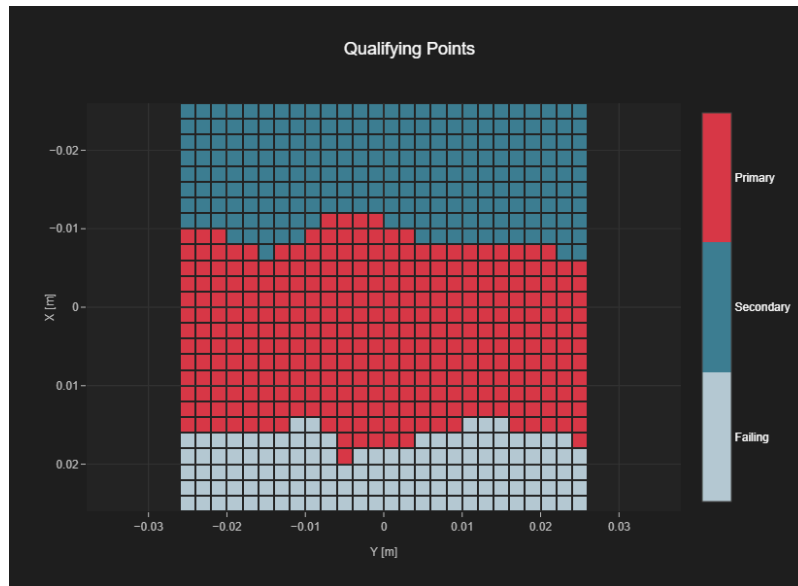
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	0.98



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
325	548	23	26



Plot No.07 T-Coil Signal Test Report

Measurement performed on October 04, 2024

Device Under Test

Dimensions [mm]	Speaker Position [mm]
167.0 x 82.0 x 8.5	165.5

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE3 Sn577	June 18, 2024

Communication Systems

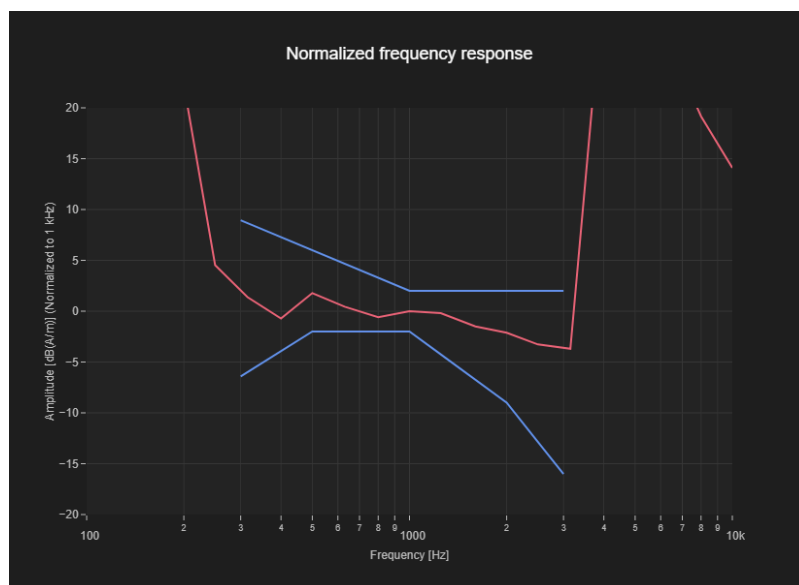
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 48	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	55830	3609.0

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

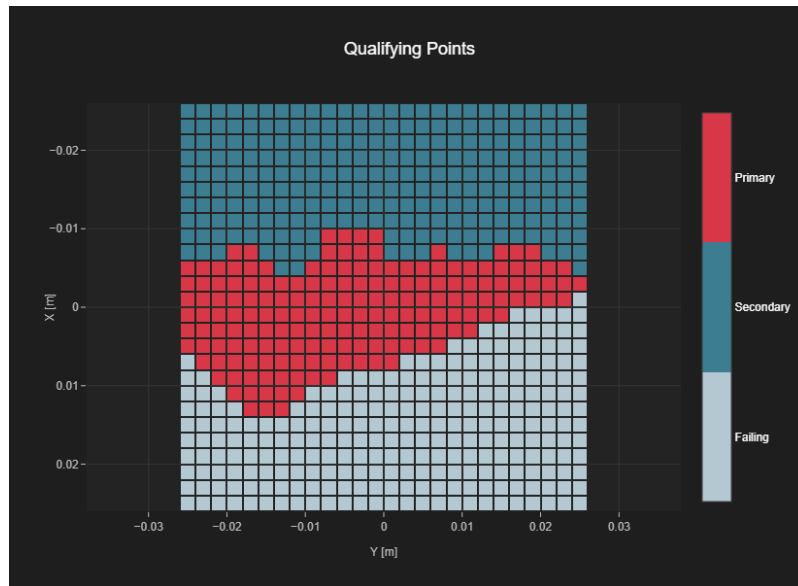
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	1.4



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
174	423	20	26



Plot No.08 T-Coil Signal Test Report

Measurement performed on October 07, 2024

Device Under Test

Dimensions [mm]	Speaker Position [mm]
167.0 x 82.0 x 8.5	165.5

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE3 Sn577	June 18, 2024

Communication Systems

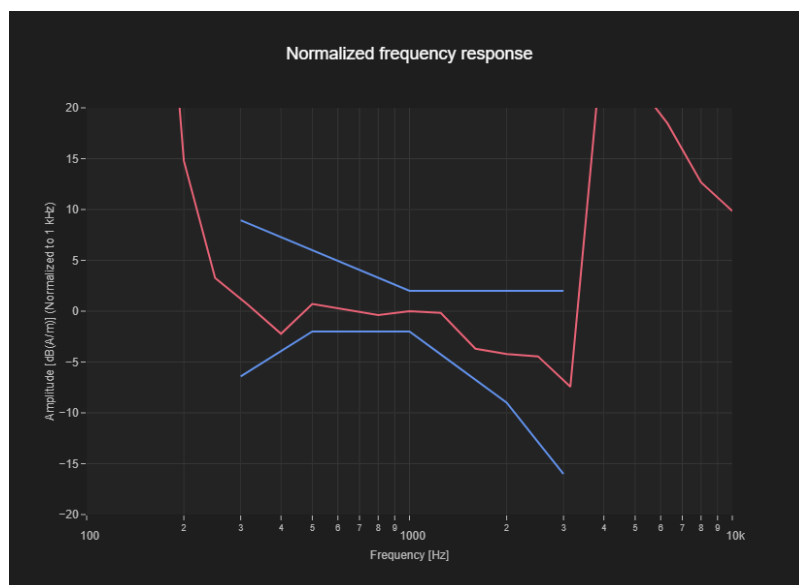
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n2	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	376000	1880.0

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

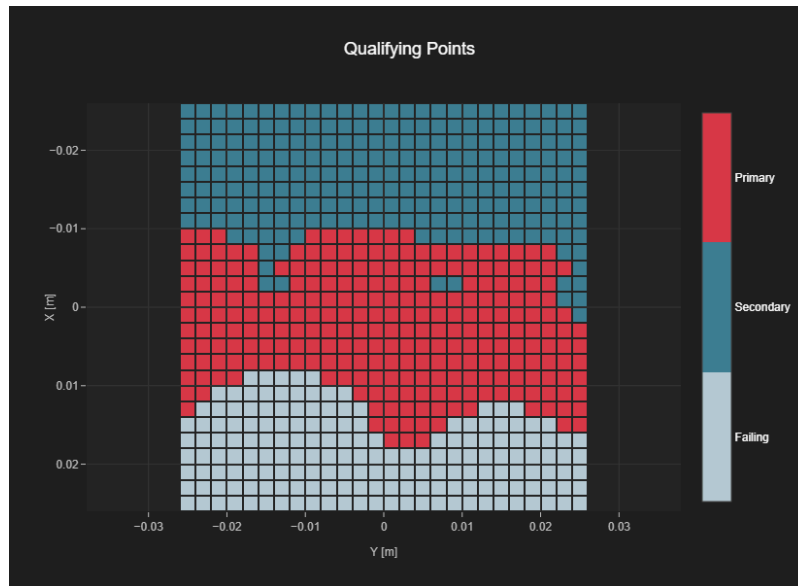
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	1.61



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
263	502	22	26



Measurement performed on October 04, 2024

Dimensions [mm]	Speaker Position [mm]
167.0 x 82.0 x 8.5	165.5

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE3 Sn577	June 18, 2024

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n41	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	518598	2592.99

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

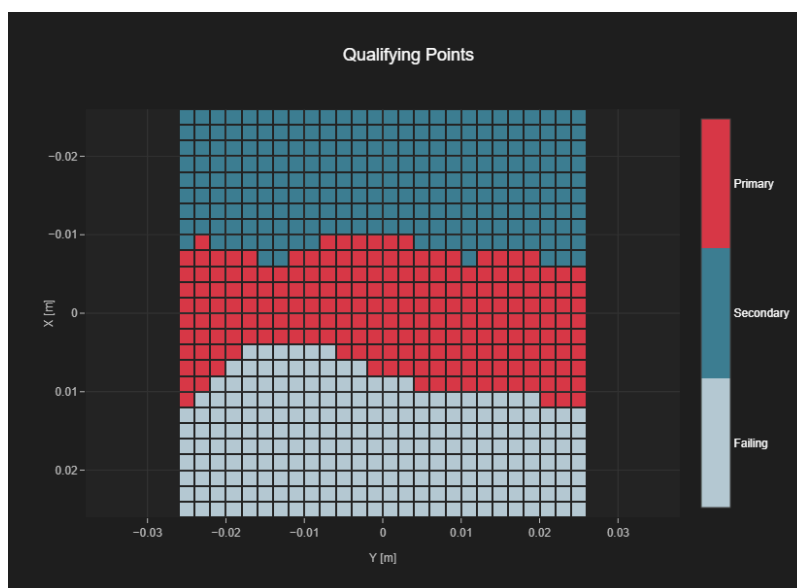
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	0.84



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
211	444	19	26



Plot No.10 T-Coil Signal Test Report

Measurement performed on October 04, 2024

Device Under Test

Dimensions [mm]	Speaker Position [mm]
167.0 x 82.0 x 8.5	165.5

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE3 Sn577	June 18, 2024

Communication Systems

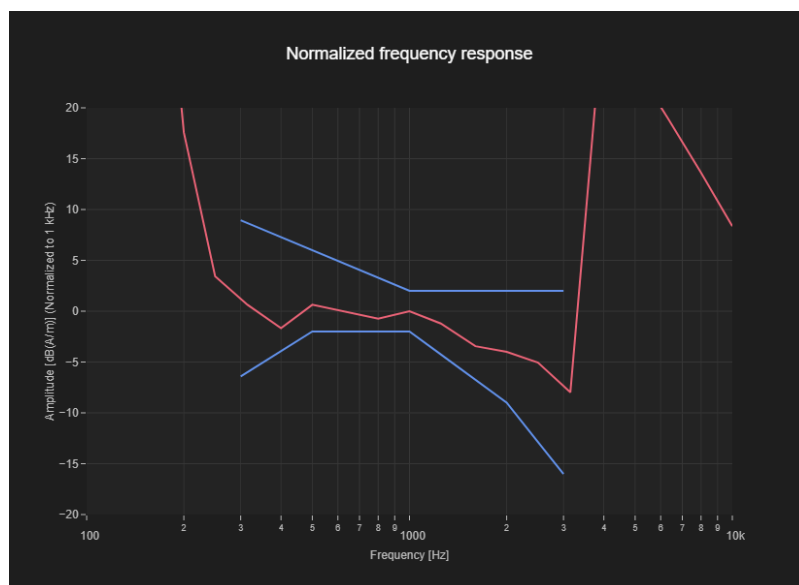
Band Name	Communication Systems Name	Channel	Frequency [MHz]
WLAN 2.4GHz	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	6	2437.0

Grid Settings

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

Results

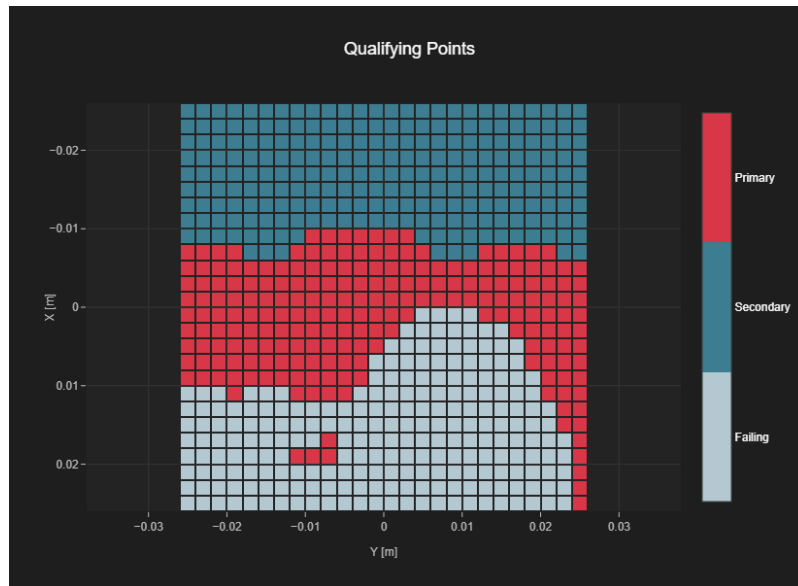
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	1.25



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
213	448	26	26



Plot No.11 T-Coil Signal Test Report

Measurement performed on October 04, 2024

Device Under Test

Dimensions [mm]	Speaker Position [mm]
167.0 x 82.0 x 8.5	165.5

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE3 Sn577	June 18, 2024

Communication Systems

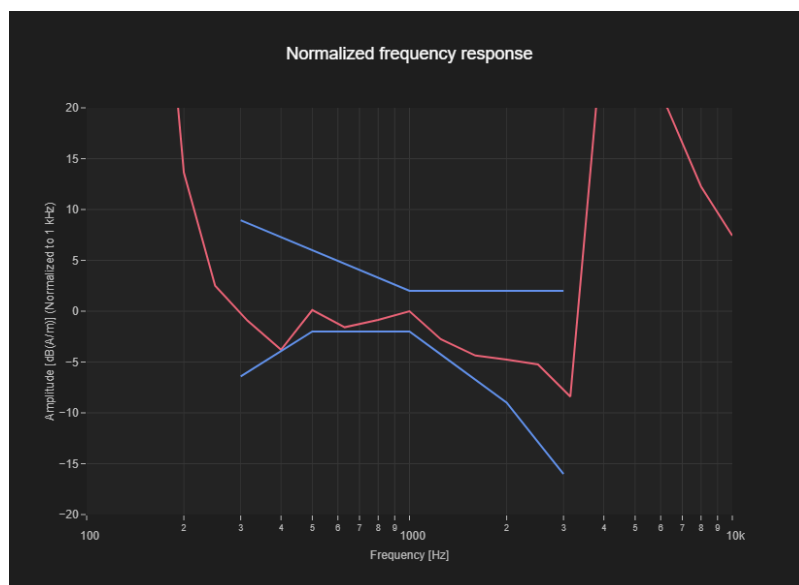
Band Name	Communication Systems Name	Channel	Frequency [MHz]
WLAN 5GHz	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle)	149	5745.0

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	2.0	0.14



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
348	584	25	26

