

01_HAC T-coil_GSM850_Voice_Ch189

Measurement performed on November 03, 2023 at 13:53

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

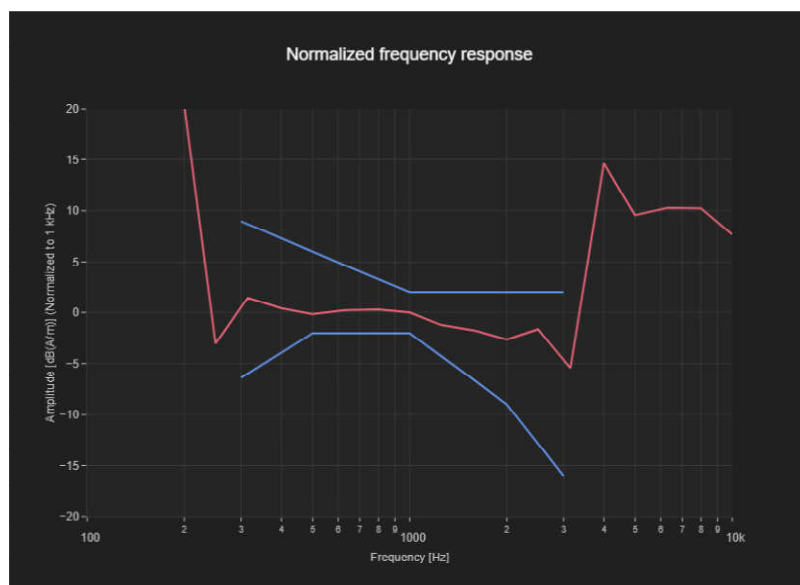
Band Name	Communication Systems Name	Channel	Frequency [MHz]
GSM 850	GSM-FDD (TDMA, GMSK)	189	836.4

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

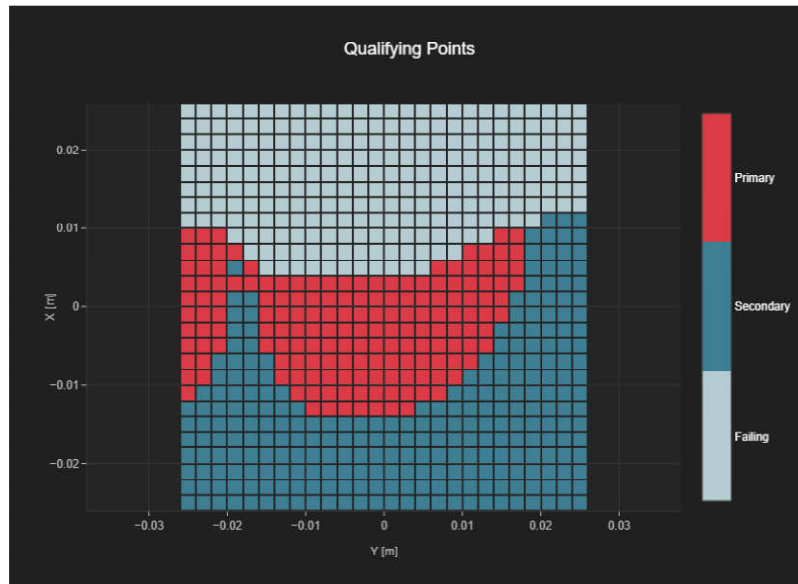
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	1.83



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
166	429	19	26



T-Coil Signal Test Report

Measurement performed on November 03, 2023 at 13:53

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

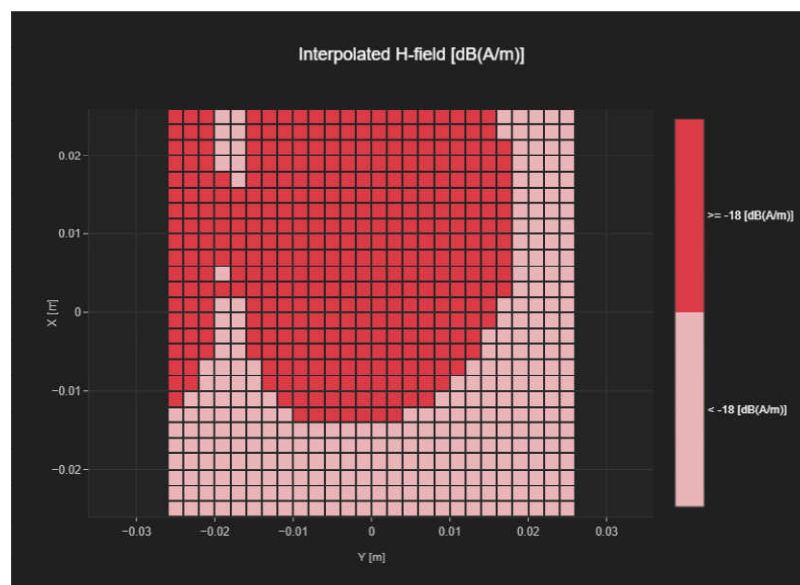
Band Name	Communication Systems Name	Channel	Frequency [MHz]
GSM 850	GSM-FDD (TDMA, GMSK)	189	836.4

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]	Gain [dB]	Hmax [dB(A/m)]
48k_voice_1kHz_1s.wav	2.0	-8.39	4.01



T-Coil Noise Test Report

Measurement performed on November 03, 2023 at 14:06

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

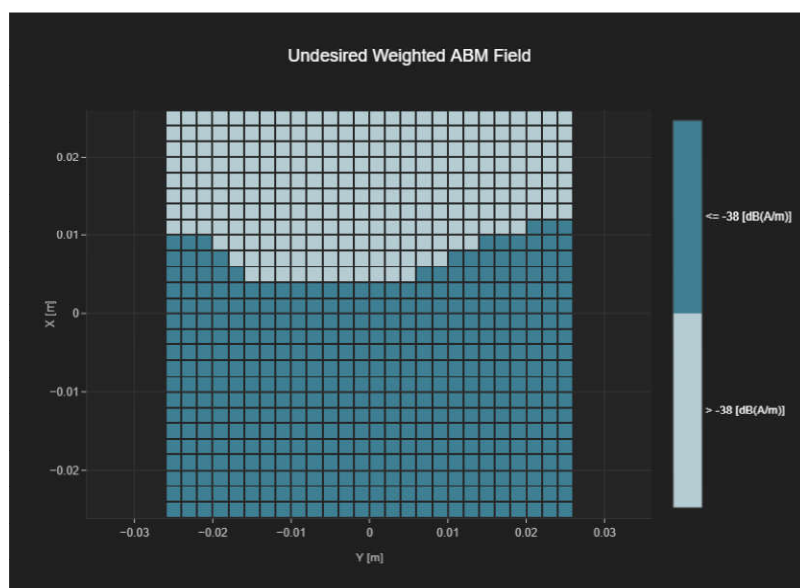
Band Name	Communication Systems Name	Channel	Frequency [MHz]
GSM 850	GSM-FDD (TDMA, GMSK)	189	836.4

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

Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse	Hmax [dB(A/m)]
429	19	26	-15.59



02_HAC T-coil_GSM1900_Voice_Ch661

Measurement performed on November 05, 2023 at 13:27

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

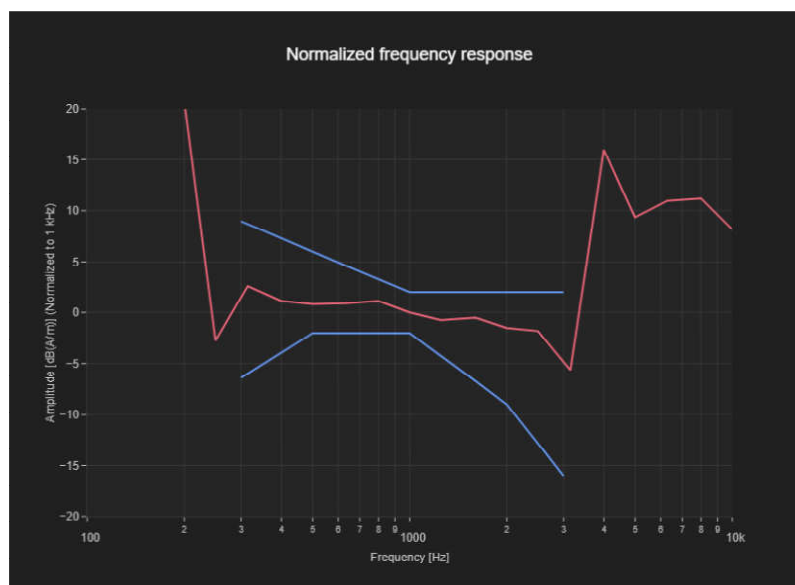
Band Name	Communication Systems Name	Channel	Frequency [MHz]
PCS 1900	GSM-FDD (TDMA, GMSK)	661	1880.0

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

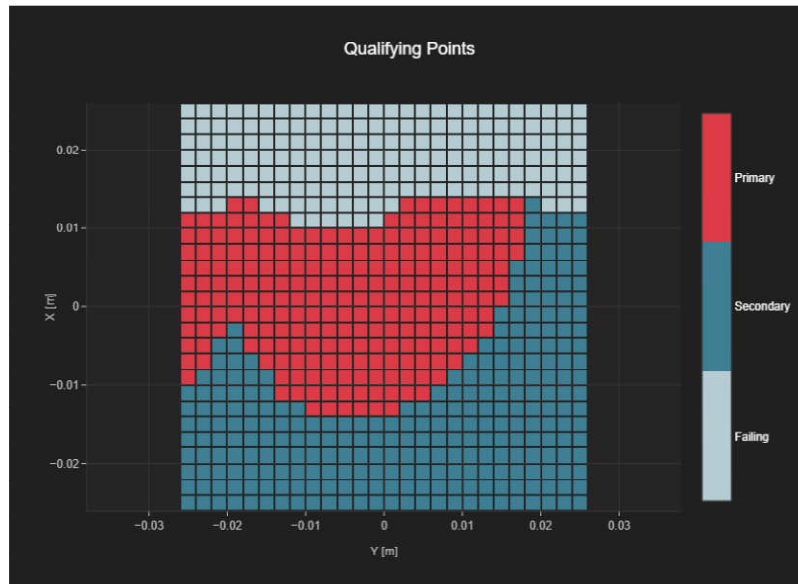
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
232	499	20	26



T-Coil Signal Test Report

Measurement performed on November 05, 2023 at 13:27

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

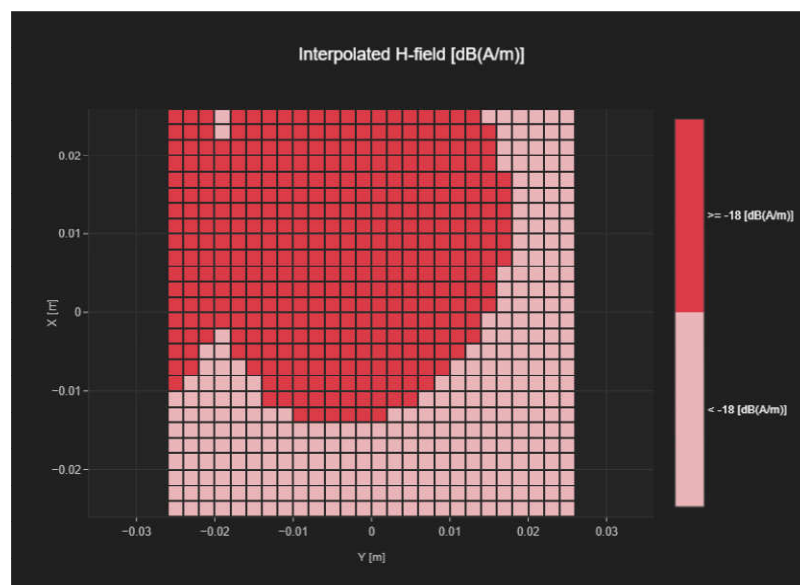
Band Name	Communication Systems Name	Channel	Frequency [MHz]
PCS 1900	GSM-FDD (TDMA, GMSK)	661	1880.0

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]	Gain [dB]	Hmax [dB(A/m)]
48k_voice_1kHz_1s.wav	2.0	-8.41	4.41



T-Coil Noise Test Report

Measurement performed on November 05, 2023 at 13:40

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

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

Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse	Hmax [dB(A/m)]
499	20	26	-24.23



03_HAC T-coil_WCDMA V_Voice_Ch4182

Measurement performed on November 04, 2023 at 18:59

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

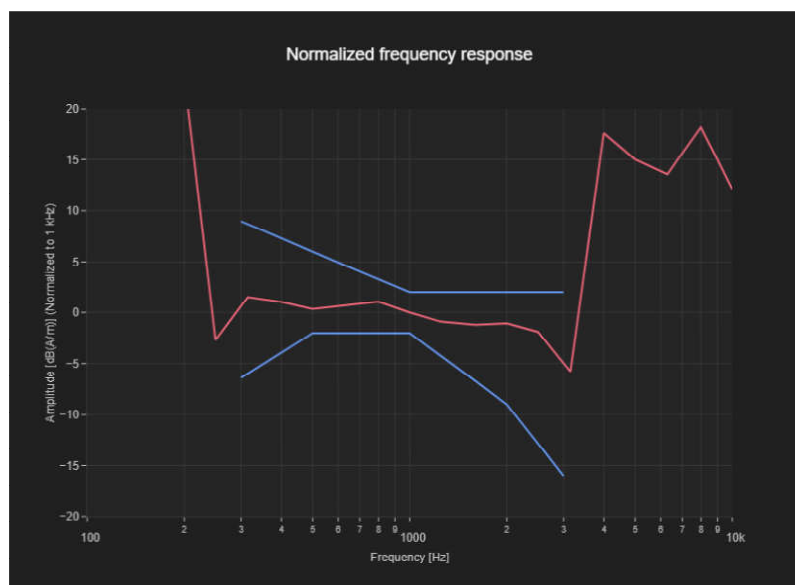
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 5, UTRA/FDD	UMTS-FDD (WCDMA, AMR)	4182	836.4

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

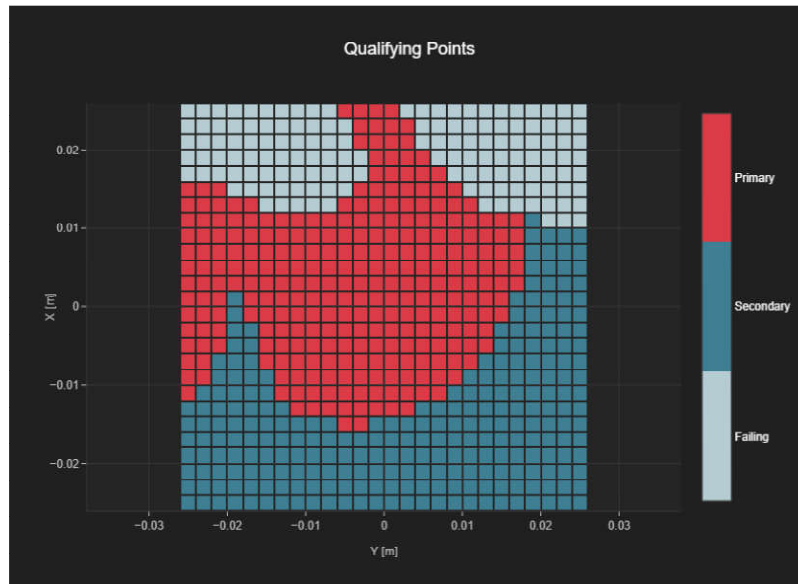
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
283	536	26	26



T-Coil Signal Test Report

Measurement performed on November 04, 2023 at 18:59

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

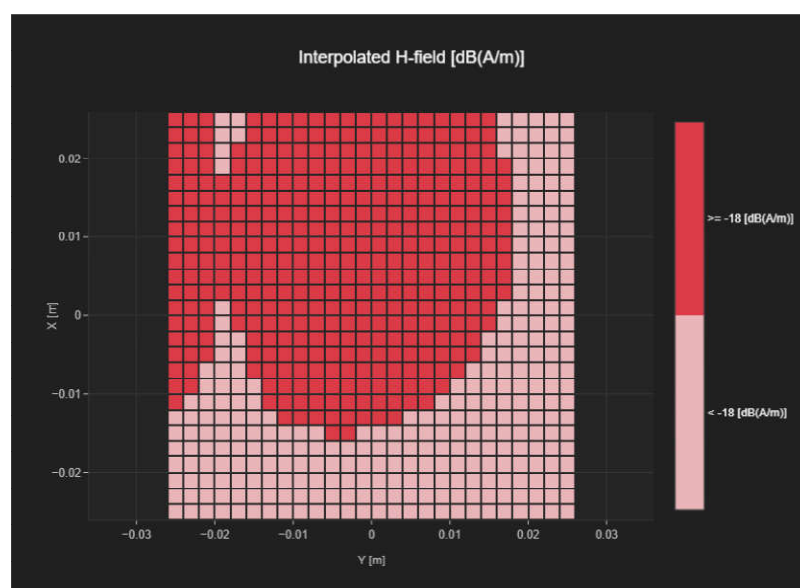
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 5, UTRA/FDD	UMTS-FDD (WCDMA, AMR)	4182	836.4

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]	Gain [dB]	Hmax [dB(A/m)]
48k_voice_1kHz_1s.wav	2.0	-8.38	3.65



T-Coil Noise Test Report

Measurement performed on November 04, 2023 at 19:18

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

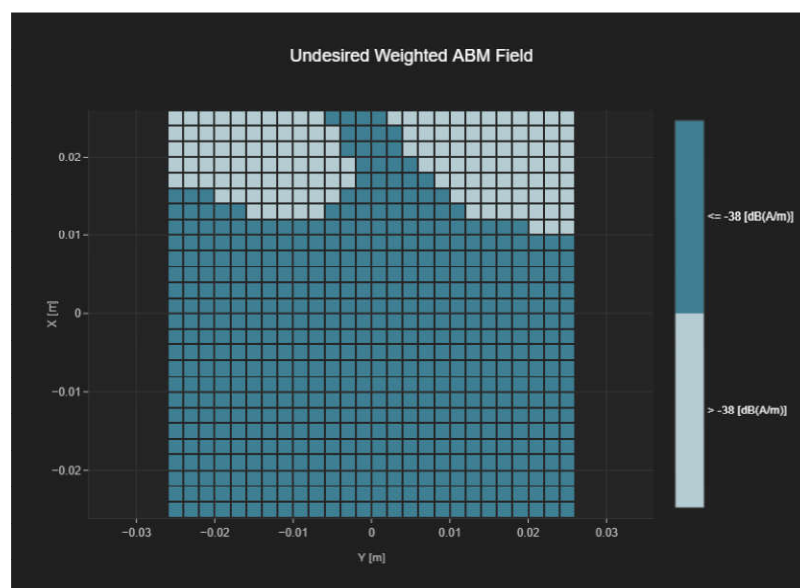
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 5, UTRA/FDD	UMTS-FDD (WCDMA, AMR)	4182	836.4

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

Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse	Hmax [dB(A/m)]
536	26	26	-28.58



04_HAC T-coil_WCDMA IV_Voice_Ch1413

Measurement performed on November 05, 2023 at 11:10

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

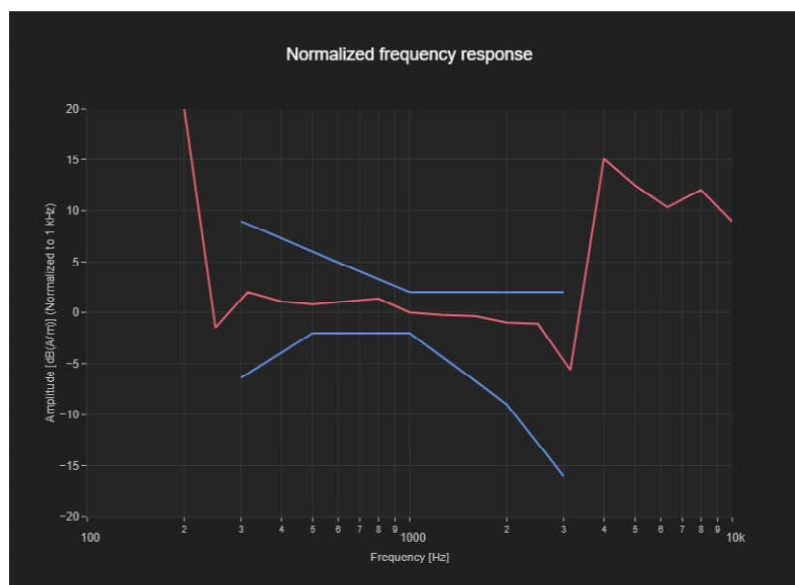
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 4, UTRA/FDD	UMTS-FDD (WCDMA, AMR)	1413	1732.6

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

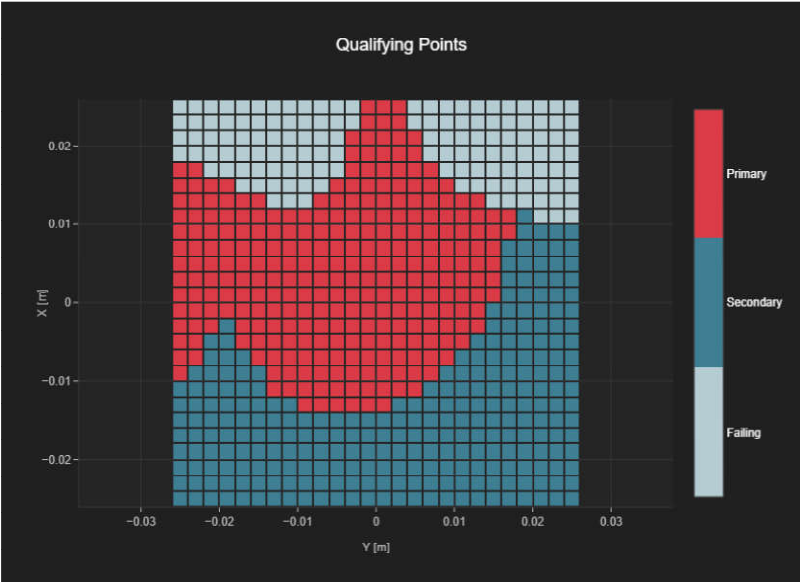
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.93	2.0



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	544	26	26



T-Coil Signal Test Report

Measurement performed on November 05, 2023 at 11:10

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

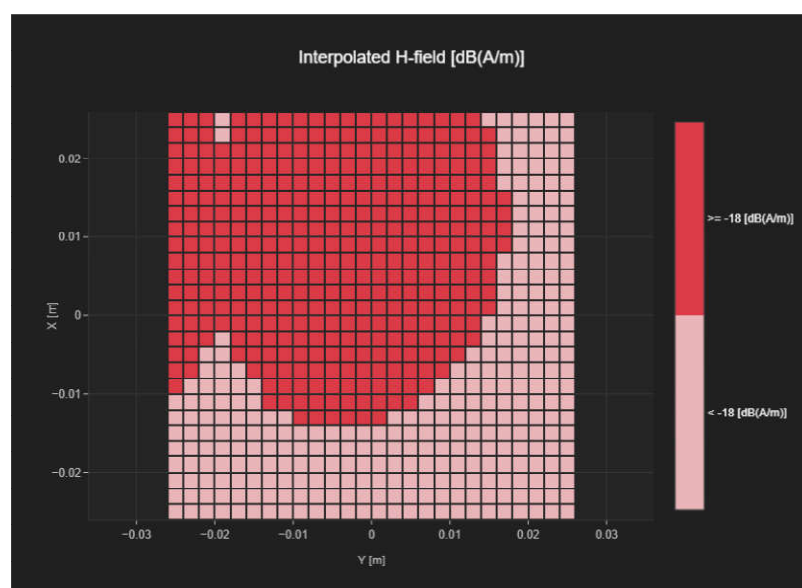
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 4, UTRA/FDD	UMTS-FDD (WCDMA, AMR)	1413	1732.6

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]	Gain [dB]	Hmax [dB(A/m)]
48k_voice_1kHz_1s.wav	2.0	-8.41	4.38



T-Coil Noise Test Report

Measurement performed on November 05, 2023 at 11:21

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

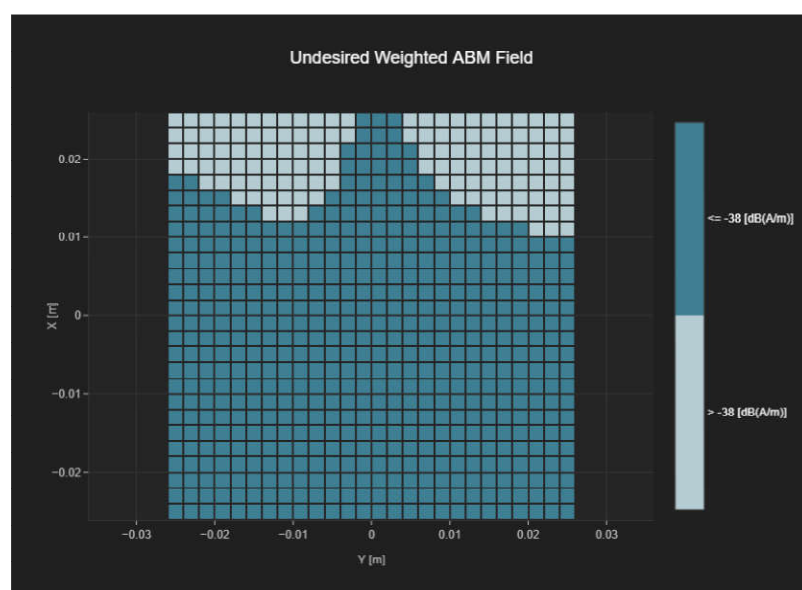
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 4, UTRA/FDD	UMTS-FDD (WCDMA, AMR)	1413	1732.6

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

Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse	Hmax [dB(A/m)]
544	26	26	-29.42



05_HAC T-coil_WCDMA II_Voice_Ch9400

Measurement performed on November 05, 2023 at 11:39

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

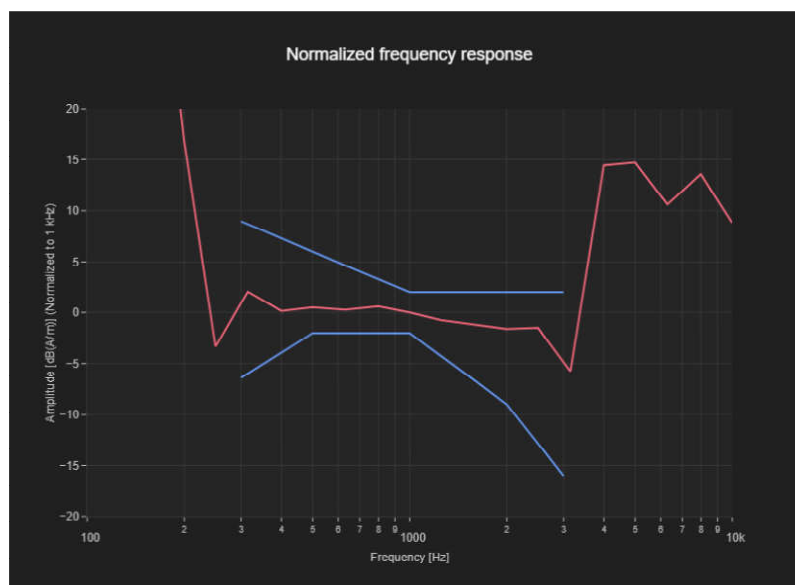
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 2, UTRA/FDD	UMTS-FDD (WCDMA, AMR)	9400	1880.0

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

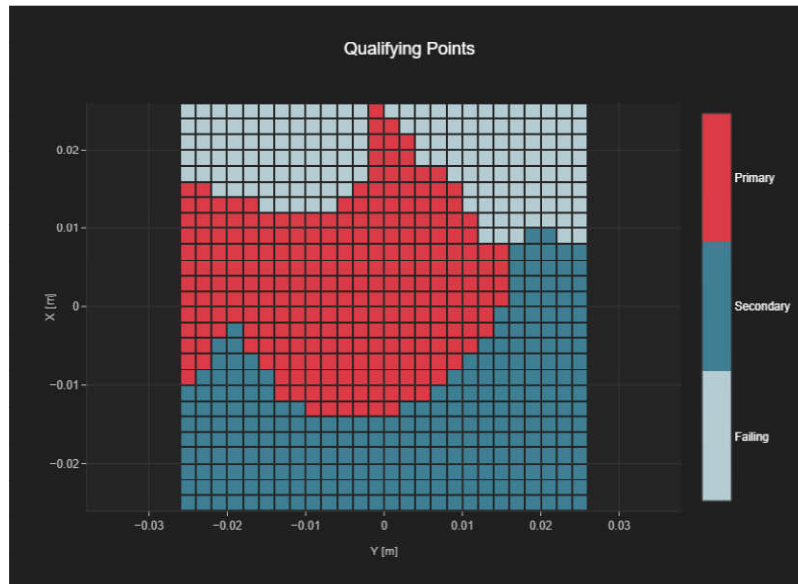
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	2.0



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
257	518	26	26



T-Coil Signal Test Report

Measurement performed on November 05, 2023 at 11:39

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

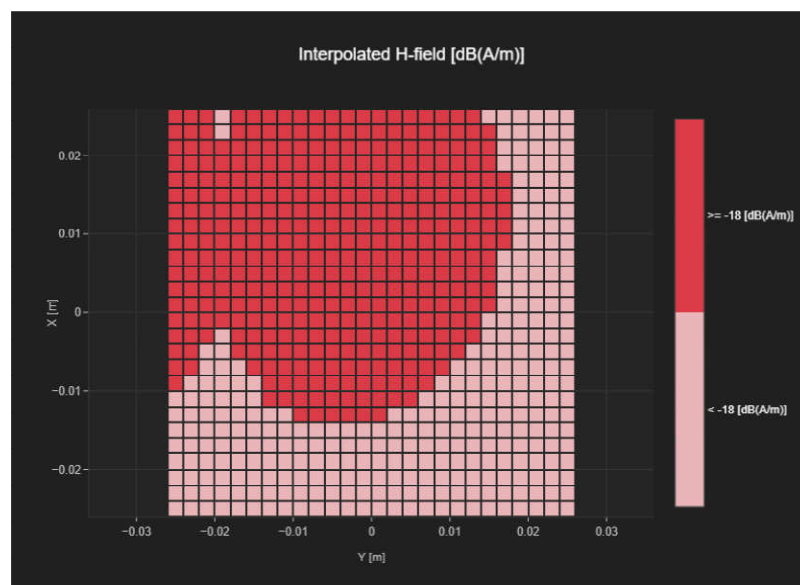
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 2, UTRA/FDD	UMTS-FDD (WCDMA, AMR)	9400	1880.0

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]	Gain [dB]	Hmax [dB(A/m)]
48k_voice_1kHz_1s.wav	2.0	-8.41	4.21



T-Coil Noise Test Report

Measurement performed on November 05, 2023 at 11:55

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 2, UTRA/FDD	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

Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse	Hmax [dB(A/m)]
518	26	26	-28.71



06_HAC T-coil_LTE Band 25_20M_QPSK_1RB_0Offset_Ch26340

Measurement performed on November 13, 2023 at 08:33

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

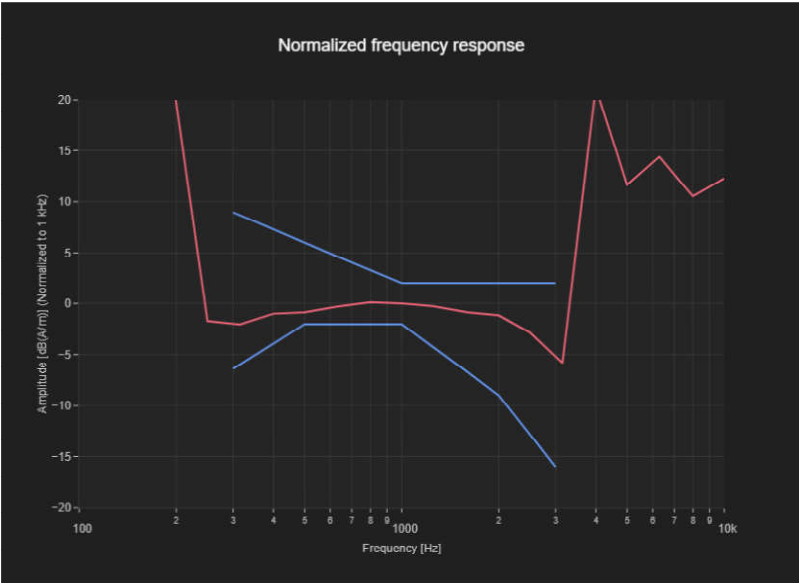
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 25, E-UTRA/FDD	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	26340	1880.0

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

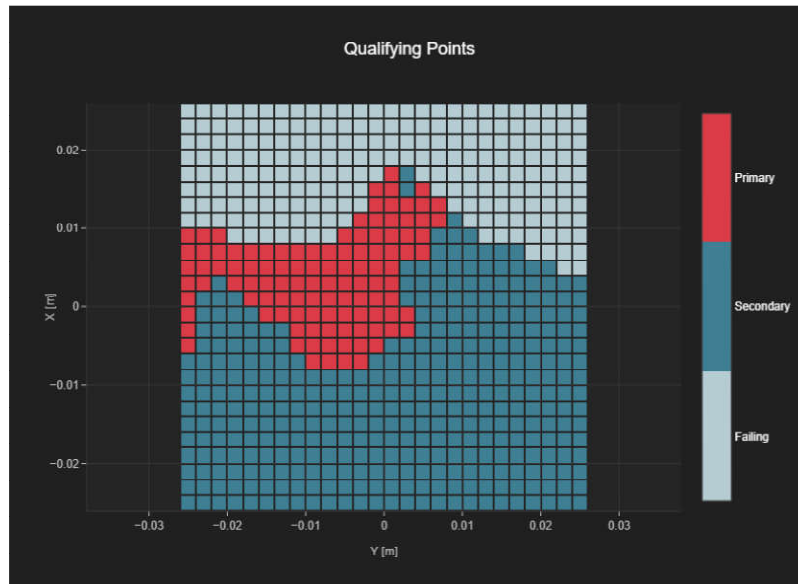
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	1.14



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
109	466	22	26



T-Coil Signal Test Report

Measurement performed on November 13, 2023 at 08:33

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

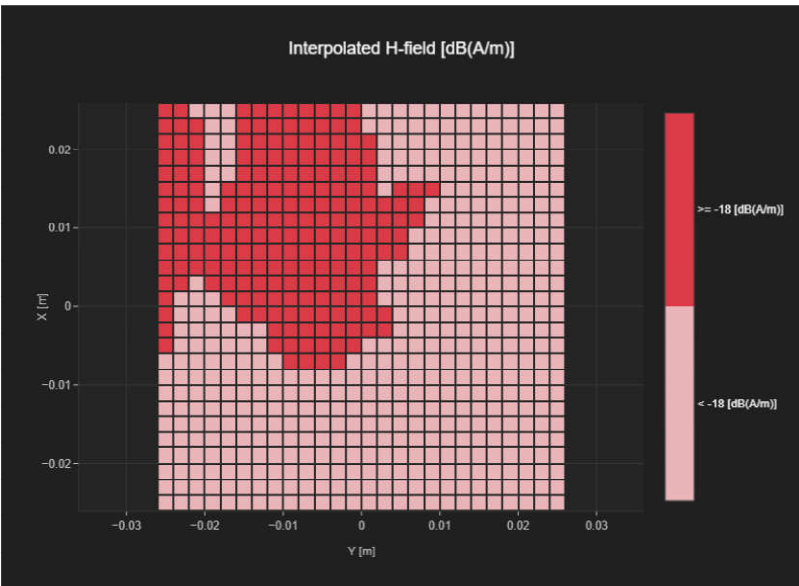
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 25, E-UTRA/FDD	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	26340	1880.0

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]	Gain [dB]	Hmax [dB(A/m)]
48k_voice_1kHz_1s.wav	2.0	-8.44	-1.35



T-Coil Noise Test Report

Measurement performed on November 13, 2023 at 08:45

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

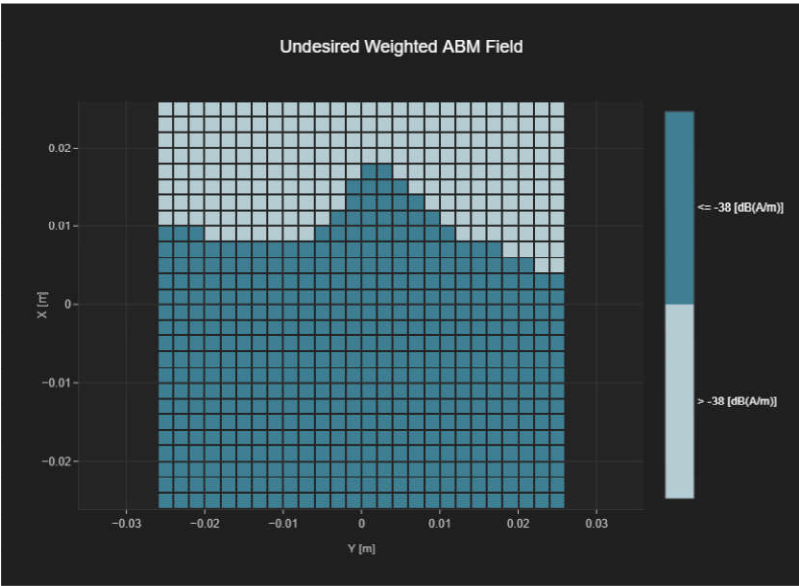
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 25, E-UTRA/FDD	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	26340	1880.0

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

Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse	Hmax [dB(A/m)]
466	22	26	-24.27



07_HAC T-coil_LTE Band 26_15M_QPSK_1RB_0Offset_Ch26865

Measurement performed on November 14, 2023 at 05:24

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

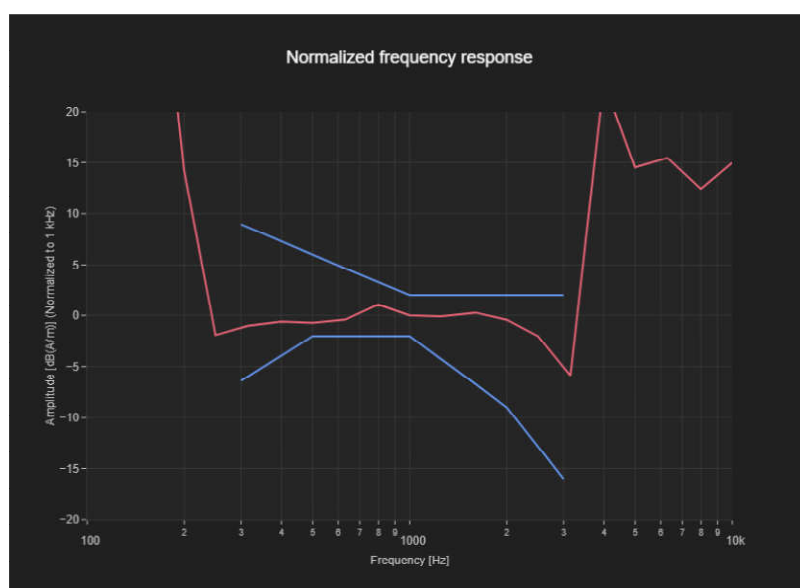
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 26 E-UTRA/FDD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	26865	831.5

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

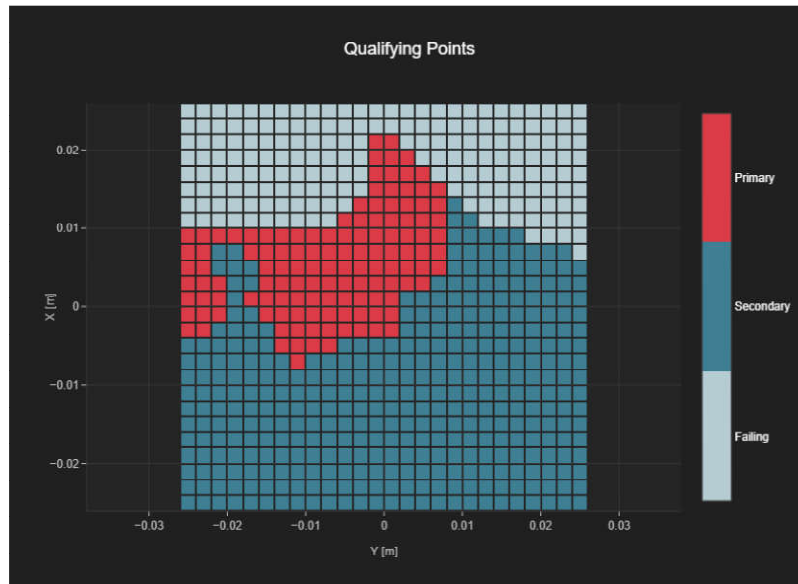
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.73	1.27



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
127	493	24	26



T-Coil Signal Test Report

Measurement performed on November 14, 2023 at 05:24

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

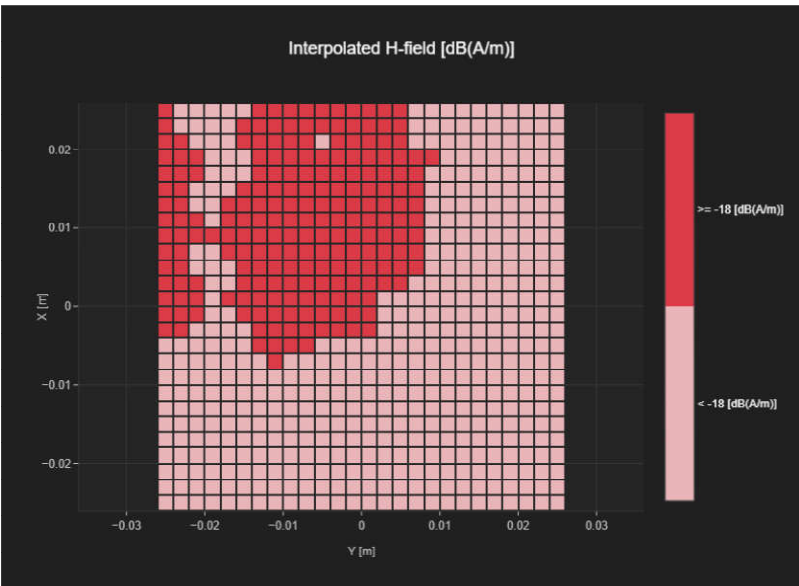
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 26 E-UTRA/FDD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	26865	831.5

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]	Gain [dB]	Hmax [dB(A/m)]
48k_voice_1kHz_1s.wav	2.0	-8.42	-1.93



T-Coil Noise Test Report

Measurement performed on November 14, 2023 at 05:35

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

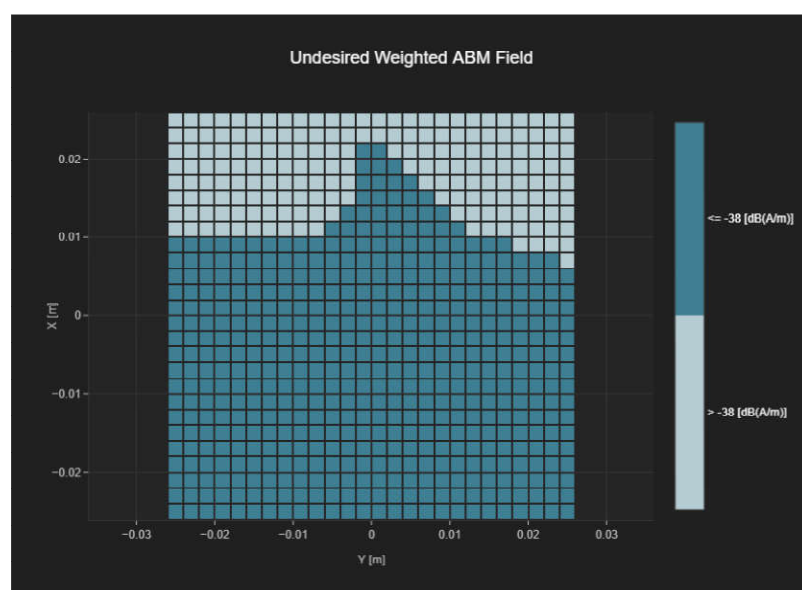
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 26 E-UTRA/FDD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	26865	831.5

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

Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse	Hmax [dB(A/m)]
493	24	26	-26.53



08_HAC T-coil_LTE Band 66_20M_QPSK_1RB_0Offset_Ch132322

Measurement performed on November 14, 2023 at 07:41

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

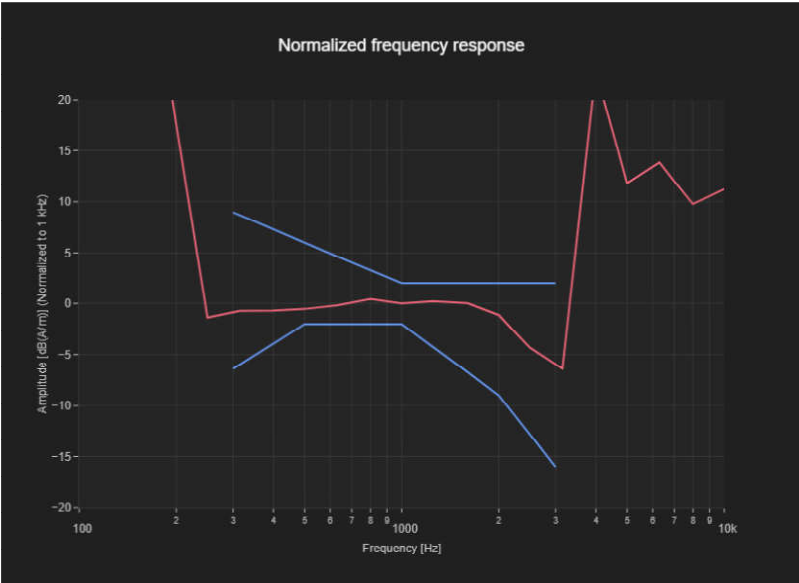
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 66, E-UTRA/FDD	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	132322	1745.0

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

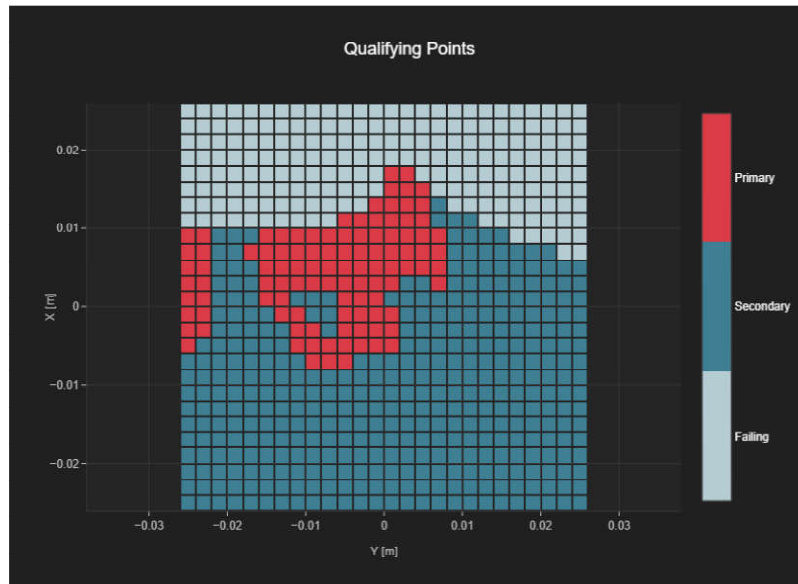
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.78	1.46



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
104	480	22	26



T-Coil Signal Test Report

Measurement performed on November 14, 2023 at 07:41

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

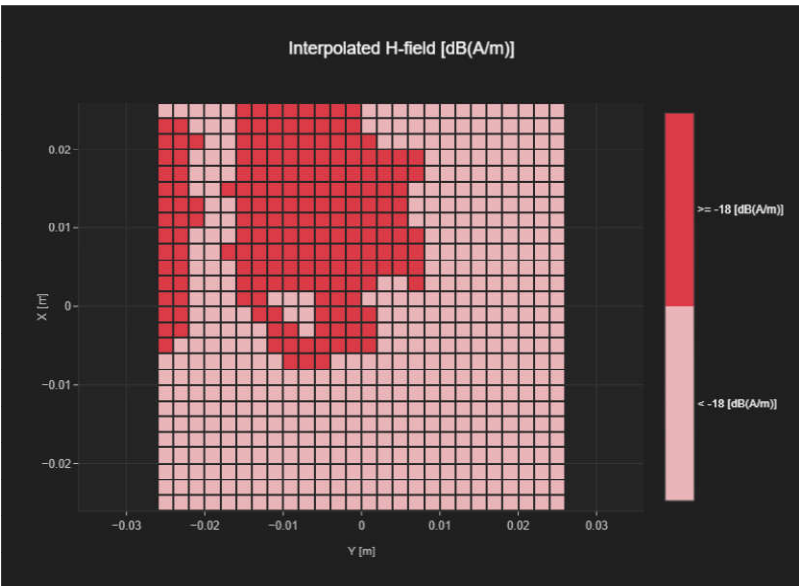
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 66, E-UTRA/FDD	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	132322	1745.0

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]	Gain [dB]	Hmax [dB(A/m)]
48k_voice_1kHz_1s.wav	2.0	-8.42	-0.85



T-Coil Noise Test Report

Measurement performed on November 14, 2023 at 07:51

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

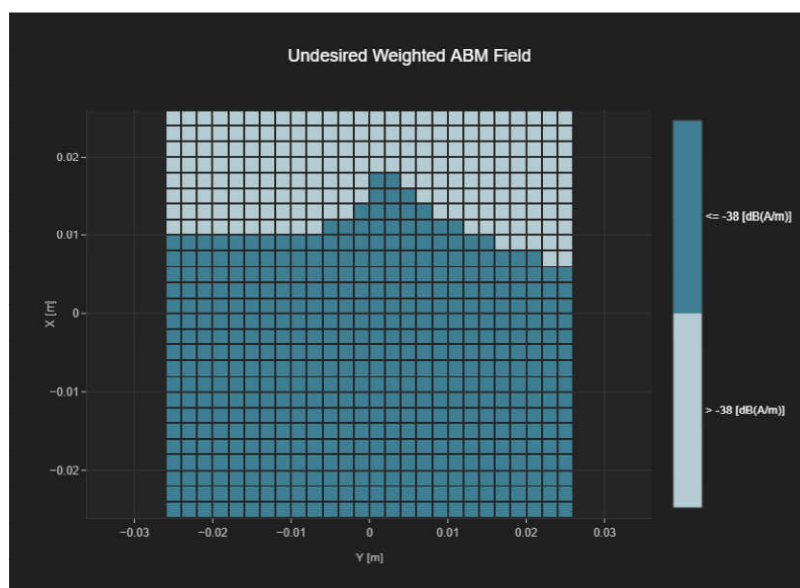
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 66, E-UTRA/FDD	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	132322	1745.0

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

Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse	Hmax [dB(A/m)]
480	22	26	-26.4



09_HAC T-coil_LTE Band 71_20M_QPSK_1RB_0Offset_Ch133297

Measurement performed on November 14, 2023 at 05:58

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

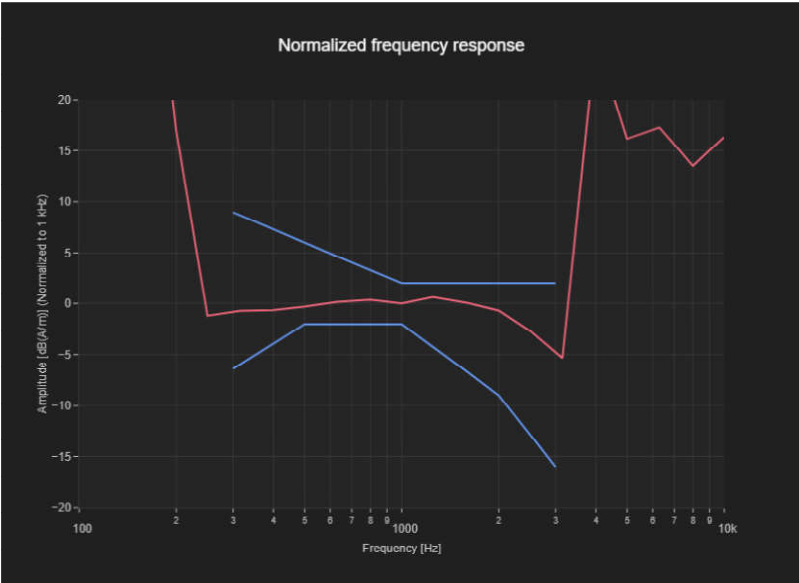
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 71, E-UTRA/FDD	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	133297	680.5

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

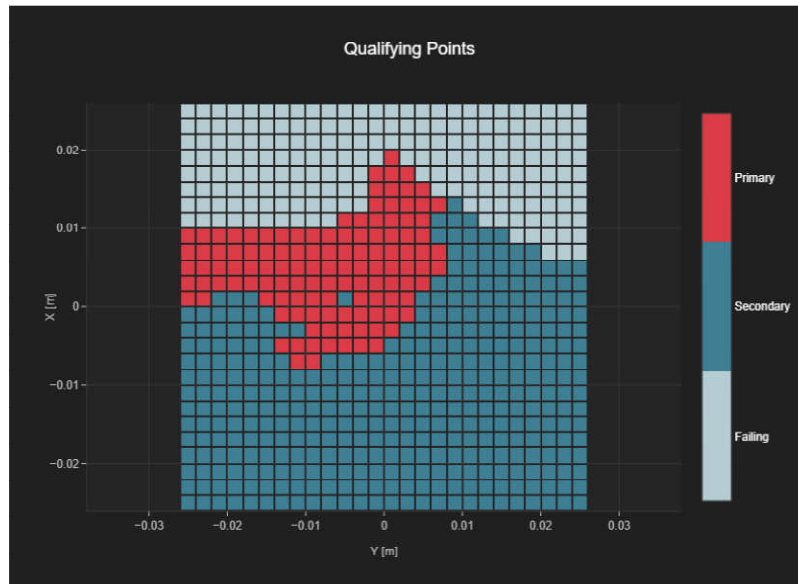
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.37	1.69



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
120	483	23	26



T-Coil Signal Test Report

Measurement performed on November 14, 2023 at 05:58

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

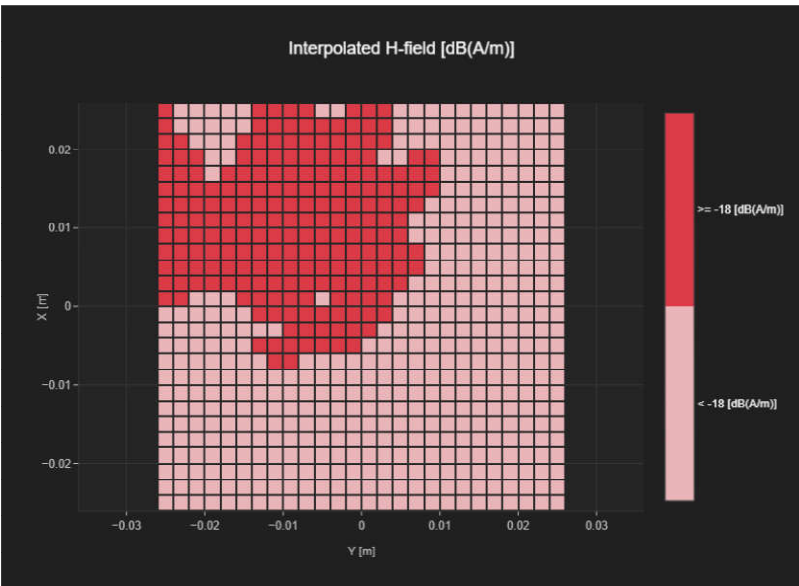
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 71, E-UTRA/FDD	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	133297	680.5

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]	Gain [dB]	Hmax [dB(A/m)]
48k_voice_1kHz_1s.wav	2.0	-8.42	-0.94



T-Coil Noise Test Report

Measurement performed on November 14, 2023 at 06:07

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 71, E-UTRA/FDD	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

Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse	Hmax [dB(A/m)]
483	23	26	-26.08



10_HAC T-coil_LTE Band 7_20M_QPSK_1RB_0Offset_Ch21100

Measurement performed on November 14, 2023 at 08:09

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

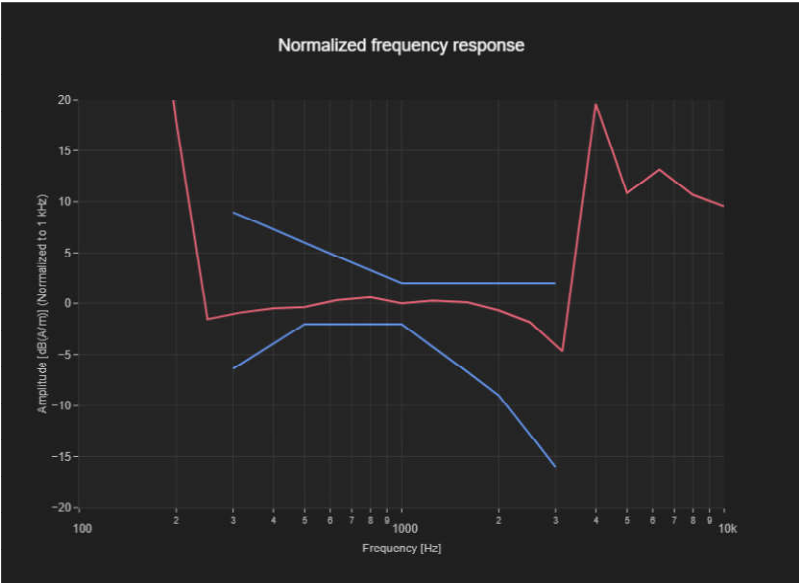
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 7, E-UTRA/FDD	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	21100	2535.0

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

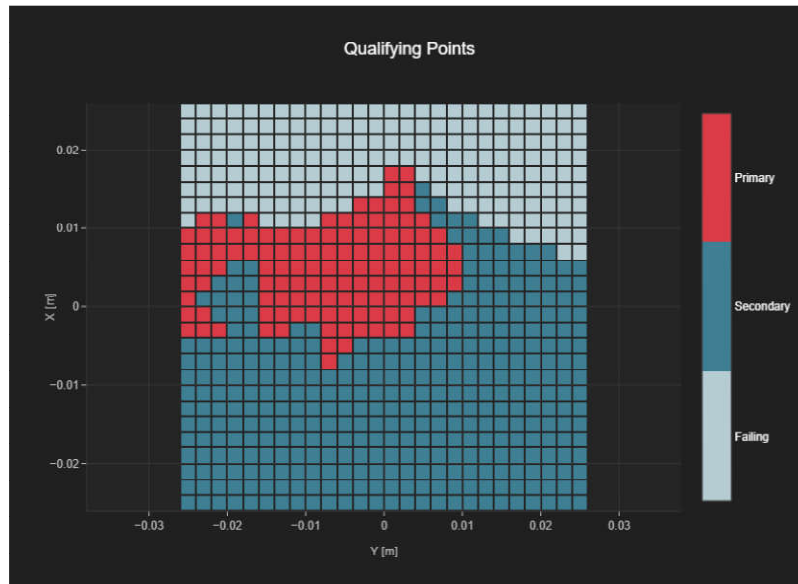
Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.74	1.65



T-Coil Coupling Mode Test Report

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
123	486	22	26



T-Coil Signal Test Report

Measurement performed on November 14, 2023 at 08:09

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

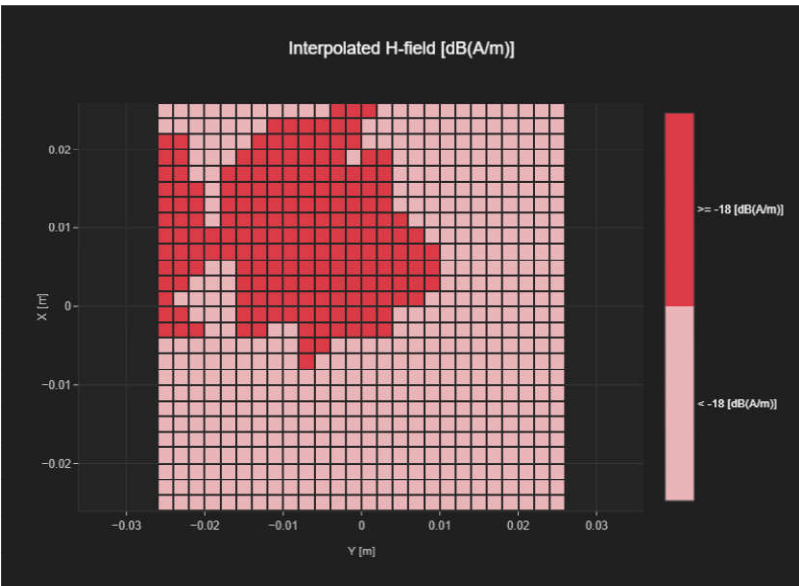
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 7, E-UTRA/FDD	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	21100	2535.0

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]	Gain [dB]	Hmax [dB(A/m)]
48k_voice_1kHz_1s.wav	2.0	-8.42	-2.81



T-Coil Noise Test Report

Measurement performed on November 14, 2023 at 08:19

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		146.2 x 71.8 x 7.5	144.3

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3093	January 31, 2023	DAE4 Sn1691	December 12, 2022

Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 7, E-UTRA/FDD	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

Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse	Hmax [dB(A/m)]
486	22	26	-24.19

