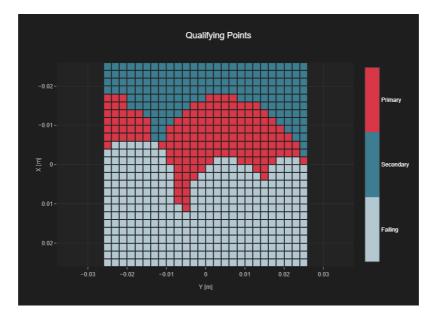
Plot No.30 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
162	327	19	26



Plot No.57 T-Coil Signal Test Report

Measurement performed on February 27, 2025

Device Under Test

Dimensions [mm]	Speaker Position [mm]
153.0 x 72.0 x 9.0	150.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1311	September 16, 2024

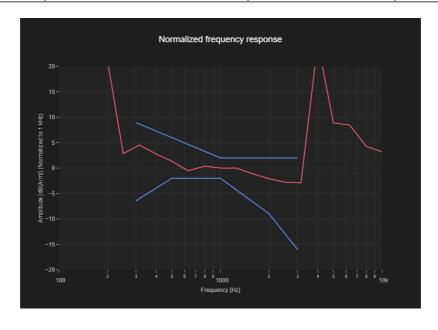
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n48	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	641666	3624.985

Grid Settings

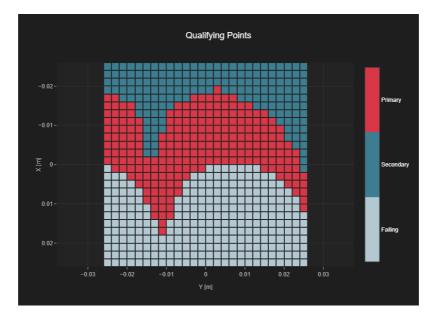
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Audio File Measurement Duration [s]		Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k voice 300-3000 2s.wav	2.0	1.99	1.46



Plot No.57 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
229	398	22	26



Plot No.31 T-Coil Signal Test Report

Measurement performed on February 16, 2025

Device Under Test

Dimensions [mm]	Speaker Position [mm]
153.0 x 72.0 x 9.0	150.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1311	September 16, 2024

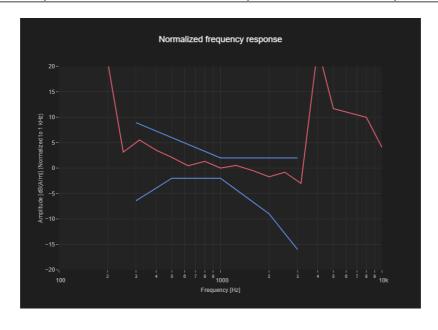
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n77	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	656000	3840.0

Grid Settings

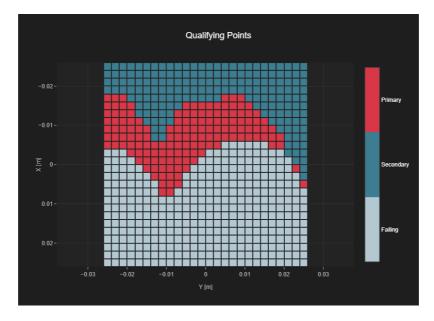
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Audio File Measurement Duration [s]		Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k voice 300-3000 2s.wav	2.0	1.49	2.0



Plot No.31 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
144	322	17	26



Plot No.32 T-Coil Signal Test Report

Measurement performed on February 16, 2025

Device Under Test

Dimensions [mm]	Speaker Position [mm]
153.0 x 72.0 x 9.0	150.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1311	September 16, 2024

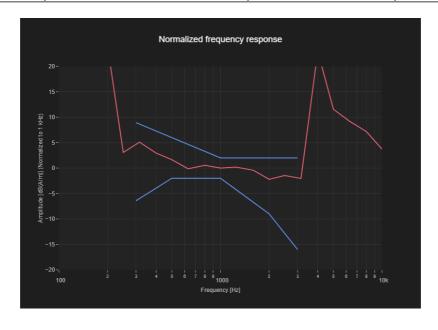
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
IRand n77	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	656000	3840.0

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

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k voice 300-3000 2s.wav	2.0	1.8	1.86



Plot No.32 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
188	367	19	26



Plot No.50 T-Coil Signal Test Report

Measurement performed on February 10, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		153.0 x 72.0 x 9.0	150.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1311	September 16, 2024

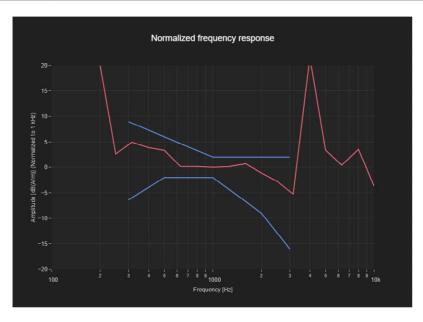
Communication Systems

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

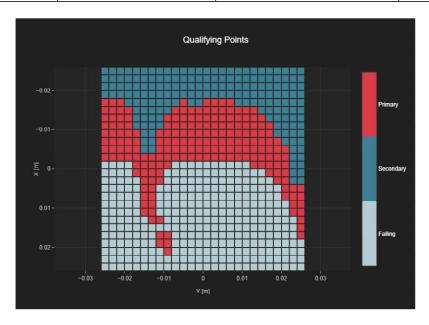
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.33	2.0



Plot No.50 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
195	368	22	26



Report No.: HA510834B

Plot No.51 T-Coil Signal Test Report

Measurement performed on February 11, 2025

Device Under Test

Manufacturer	Model	Dimensions [mm]	Speaker Position [mm]
		153.0 x 72.0 x 9.0	150.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1311	September 16, 2024

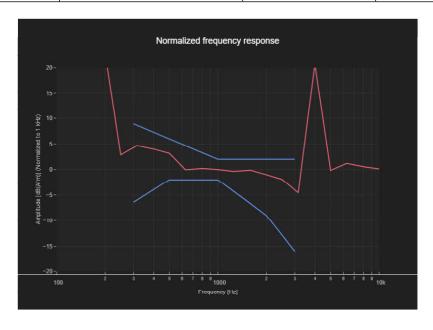
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
IVVI AIN SUITE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	40	5200.0

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

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



Plot No.51 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
240	405	23	26



Plot No.18 T-Coil Signal Test Report

Measurement performed on February 14, 2025

Device Under Test

Dimensions [mm]	Speaker Position [mm]
153.0 x 72.0 x 9.0	150.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1311	September 16, 2024

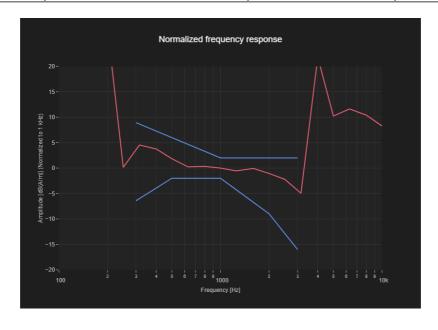
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
WLAN 5GHz	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	60	5300.0

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

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



Plot No.18 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
278	471	25	26



Plot No.19 T-Coil Signal Test Report

Measurement performed on February 14, 2025

Device Under Test

Dimensions [mm]	Speaker Position [mm]
153.0 x 72.0 x 9.0	150.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1311	September 16, 2024

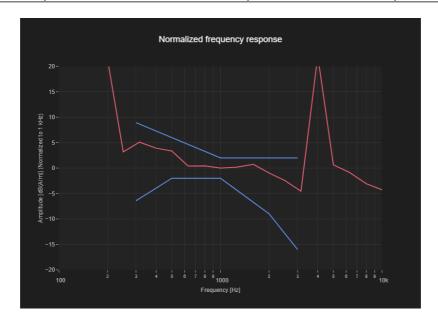
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
WLAN 5GHz	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	116	5580.0

Grid Settings

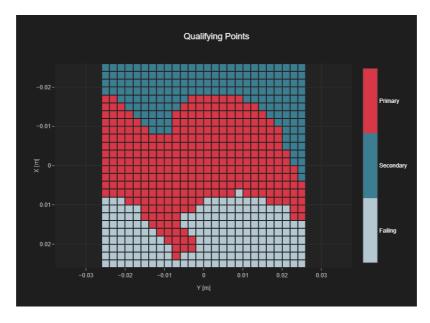
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Audio File Measurement Duration [s]		Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k voice 300-3000 2s.wav	2.0	1.27	2.0



Plot No.19 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
318	488	25	26



Plot No.20 T-Coil Signal Test Report

Measurement performed on February 14, 2025

Device Under Test

Dimensions [mm]	Speaker Position [mm]
153.0 x 72.0 x 9.0	150.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1311	September 16, 2024

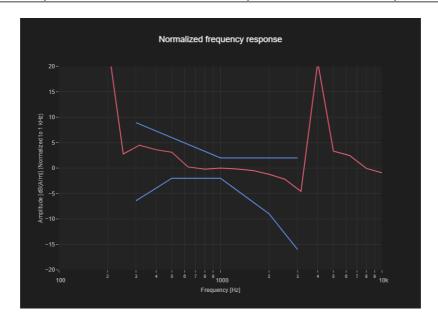
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
WLAN 5GHz	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	149	5745.0

Grid Settings

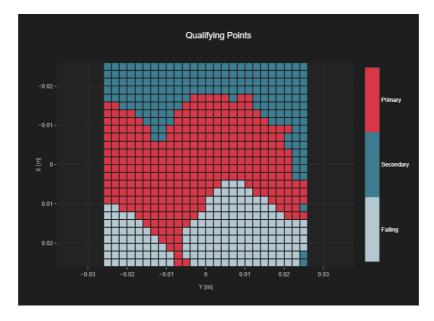
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k voice 300-3000 2s.wav	2.0	2.0	1.8



Plot No.20 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
317	498	26	26



Plot No.21 T-Coil Signal Test Report

Measurement performed on February 14, 2025

Device Under Test

Dimensions [mm]	Speaker Position [mm]
153.0 x 72.0 x 9.0	150.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1311	September 16, 2024

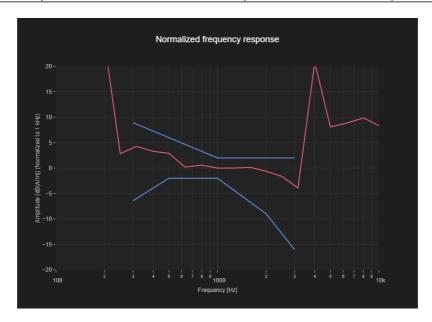
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
U-NII-5	IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle)	1	5955.0

Grid Settings

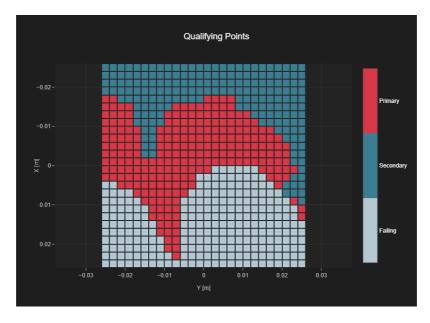
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k voice 300-3000 2s.wav	2.0	1.86	2.0



Plot No.21 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
237	427	25	26



Plot No.35 T-Coil Signal Test Report

Measurement performed on February 19, 2025

Device Under Test

Dimensions [mm]	Speaker Position [mm]
153.0 x 72.0 x 9.0	150.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1311	September 16, 2024

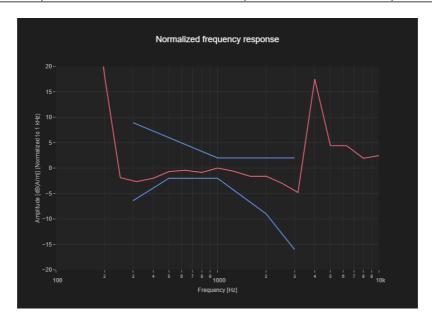
Communication Systems

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

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k voice 300-3000 2s.wav	2.0	2.0	1.15



Plot No.35 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
141	390	22	26



Plot No.36 T-Coil Signal Test Report

Measurement performed on February 19, 2025

Device Under Test

Dimensions [mm]	Speaker Position [mm]
153.0 x 72.0 x 9.0	150.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1311	September 16, 2024

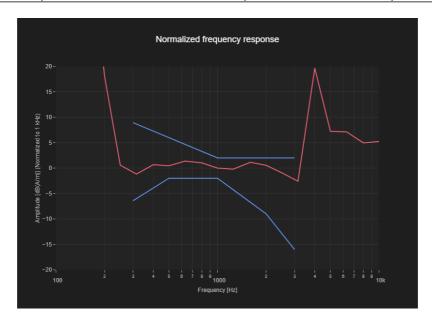
Communication Systems

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

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k voice 300-3000 2s.wav	2.0	0.86	2.0



Plot No.36 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
121	423	23	26



Plot No.37 T-Coil Signal Test Report

Measurement performed on February 18, 2025

Device Under Test

Dimensions [mm]	Speaker Position [mm]
153.0 x 72.0 x 9.0	150.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1311	September 16, 2024

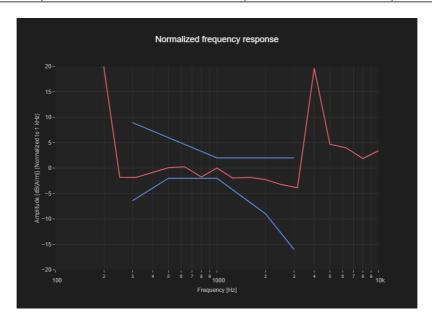
Communication Systems

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

Grid Settings

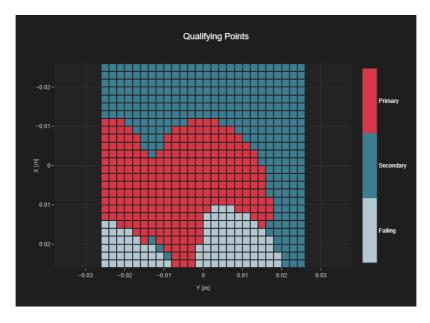
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	0.25



Plot No.37 T-Coil Coupling Mode Test Report

	Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
1	268	576	26	26



Plot No.38 T-Coil Signal Test Report

Measurement performed on February 19, 2025

Device Under Test

Dimensions [mm]	Speaker Position [mm]
153.0 x 72.0 x 9.0	150.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1311	September 16, 2024

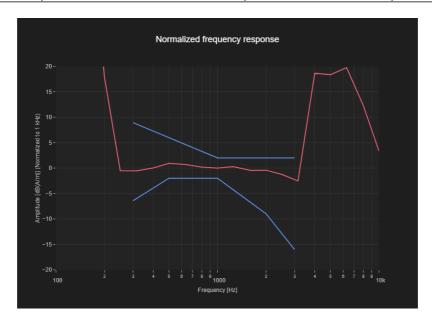
Communication Systems

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

Grid Settings

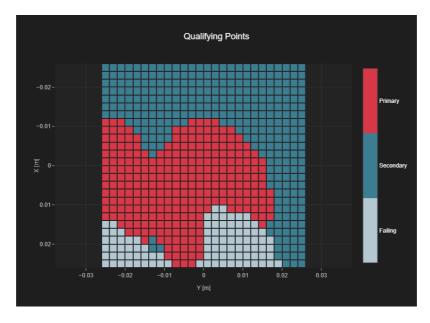
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.72	2.0



Plot No.38 T-Coil Coupling Mode Test Report

	Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
1	274	582	26	26



Plot No.39 T-Coil Signal Test Report

Measurement performed on February 18, 2025

Device Under Test

Dimensions [mm]	Speaker Position [mm]
153.0 x 72.0 x 9.0	150.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1311	September 16, 2024

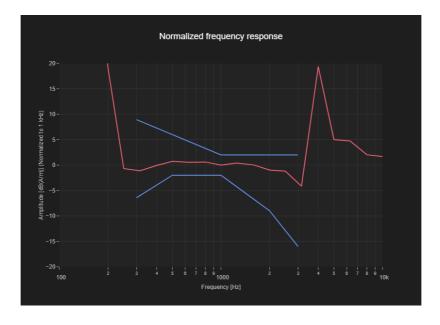
Communication Systems

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

Grid Settings

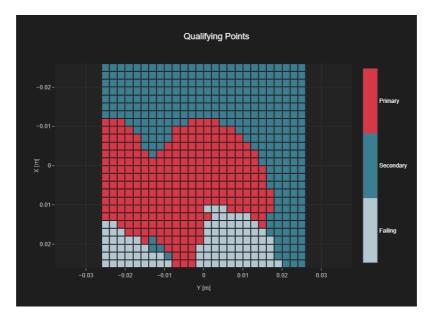
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

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



Plot No.39 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
269	580	26	26



Plot No.29 T-Coil Signal Test Report

Measurement performed on February 18, 2025

Device Under Test

Dimensions [mm]	Speaker Position [mm]
153.0 x 72.0 x 9.0	150.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1311	September 16, 2024

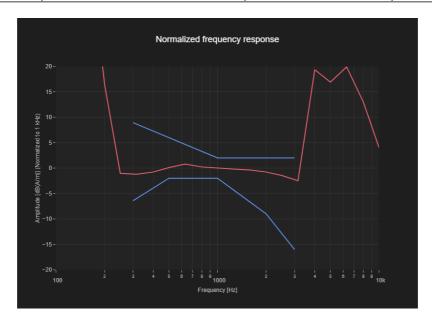
Communication Systems

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

Grid Settings

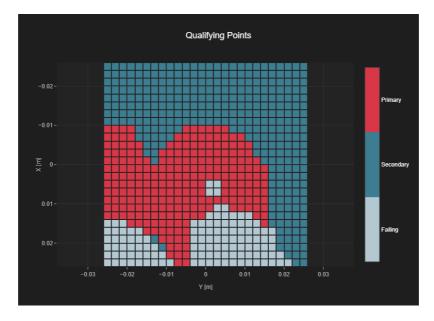
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

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



Plot No.29 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
237	559	26	26



Plot No.32 T-Coil Signal Test Report

Measurement performed on February 18, 2025

Device Under Test

Dimensions [mm]	Speaker Position [mm]
153.0 x 72.0 x 9.0	150.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1311	September 16, 2024

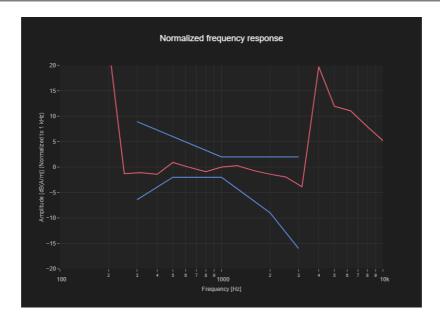
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 48	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	55830	3609.0

Grid Settings

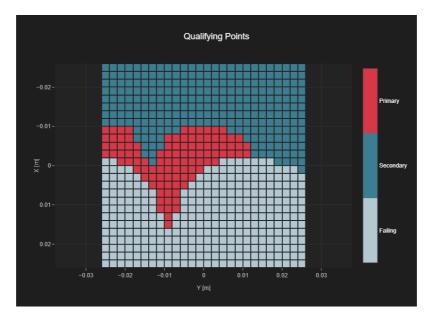
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Audio File Measurement Duration [s]		Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k voice 300-3000 2s.wav	2.0	1.72	1.11



Plot No.32 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
101	362	21	26



Plot No.45 T-Coil Signal Test Report

Measurement performed on February 21, 2025

Device Under Test

Dimensions [mm]	Speaker Position [mm]
153.0 x 72.0 x 9.0	150.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1311	September 16, 2024

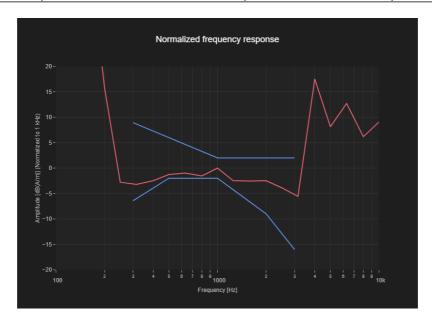
Communication Systems

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

Grid Settings

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

1	Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
1	48k voice 300-3000 2s.wav	2.0	2.0	0.46



Plot No.45 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
196	470	23	26



Plot No.44 T-Coil Signal Test Report

Measurement performed on February 21, 2025

Device Under Test

Dimensions [mm]	Speaker Position [mm]
153.0 x 72.0 x 9.0	150.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1311	September 16, 2024

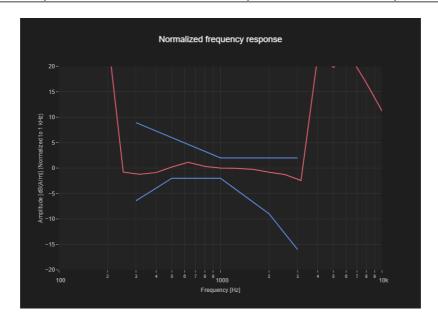
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n77	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	656000	3840.0

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

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



Plot No.44 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
85	329	19	26



Plot No.40 T-Coil Signal Test Report

Measurement performed on February 19, 2025

Device Under Test

Dimensions [mm]	Speaker Position [mm]
153.0 x 72.0 x 9.0	150.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1311	September 16, 2024

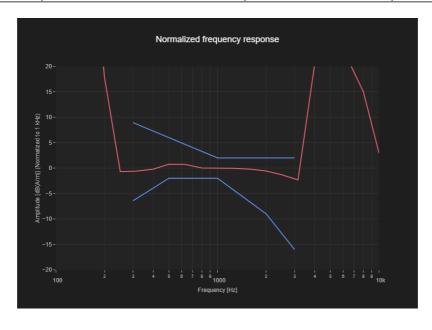
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
WLAN 2.4GHz	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	6	2437.0

Grid Settings

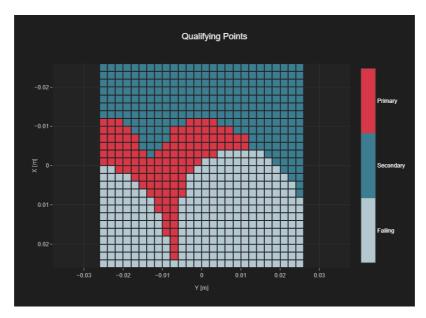
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

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



Plot No.40 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
120	373	25	26



Plot No.41 T-Coil Signal Test Report

Measurement performed on February 19, 2025

Device Under Test

Dimensions [mm]	Speaker Position [mm]
153.0 x 72.0 x 9.0	150.0

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1311	September 16, 2024

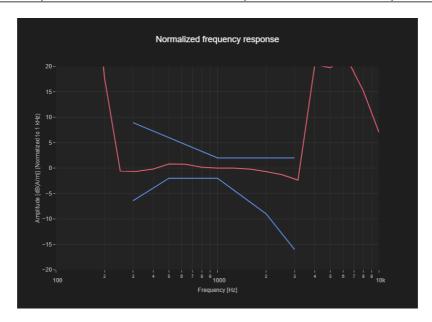
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
U-NII-5	IEEE 802.11ax (20MHz, MCS0, 99pc duty cycle)	1	5955.0

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

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



Plot No.41 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
194	466	26	26

