

T-Coil Signal Test Report

Measurement performed on March 30, 2026 at 15:02

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 10, 2025	DAE4ip Sn1668	September 17, 2025

Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
GSM 850	GPRS-FDD (TDMA, GMSK)	190	836.6

Grid Settings

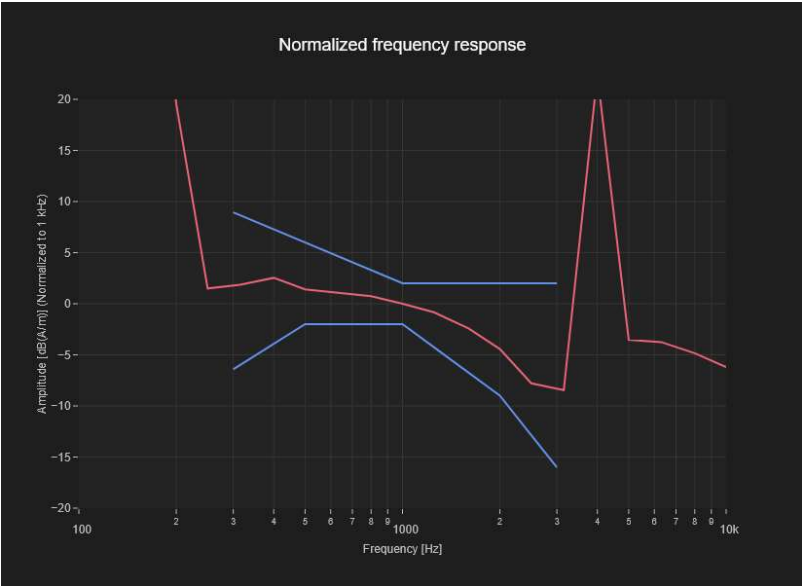
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Signal Results

Audio File	Measurement Duration [s]	Gain [dB]	Hmax [dB(A/m)]	Hmax location [mm]
48k_voice_1kHz_1s.wav	2.0	-12.43	15.78	(13.0, 22.0)

Frequency Response 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



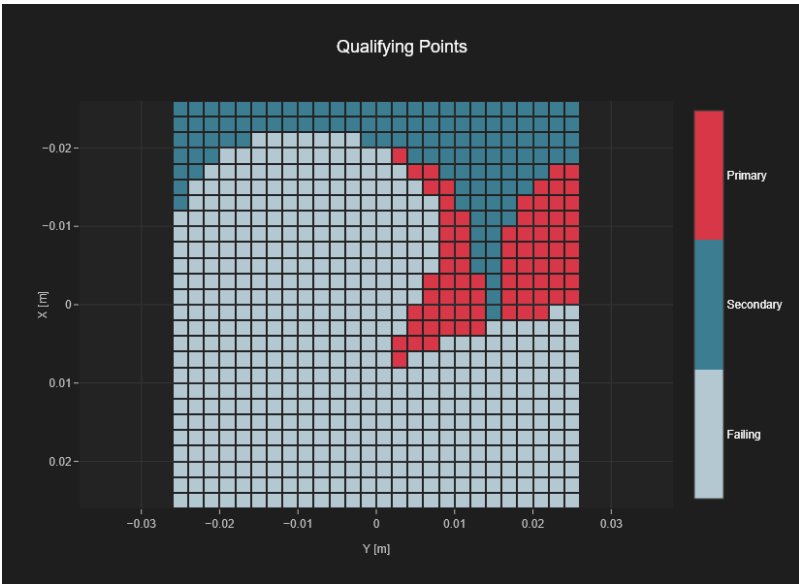
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Results

Primary Group Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
77	194	15	26



T-Coil Signal Test Report

Measurement performed on April 15, 2026 at 13:41

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 10, 2025	DAE4ip Sn1668	September 17, 2025

Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 2	UMTS-FDD (WCDMA)	9538	1907.6

Grid Settings

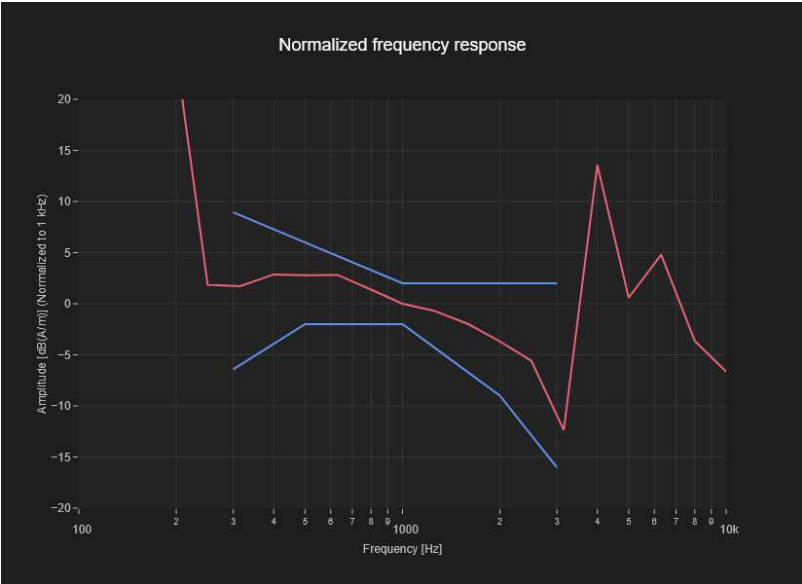
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Signal Results

Audio File	Measurement Duration [s]	Gain [dB]	Hmax [dB(A/m)]	Hmax location [mm]
48k_voice_1kHz_1s.wav	1.0	-12.43	13.65	(13.0, 22.0)

Frequency Response Results

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



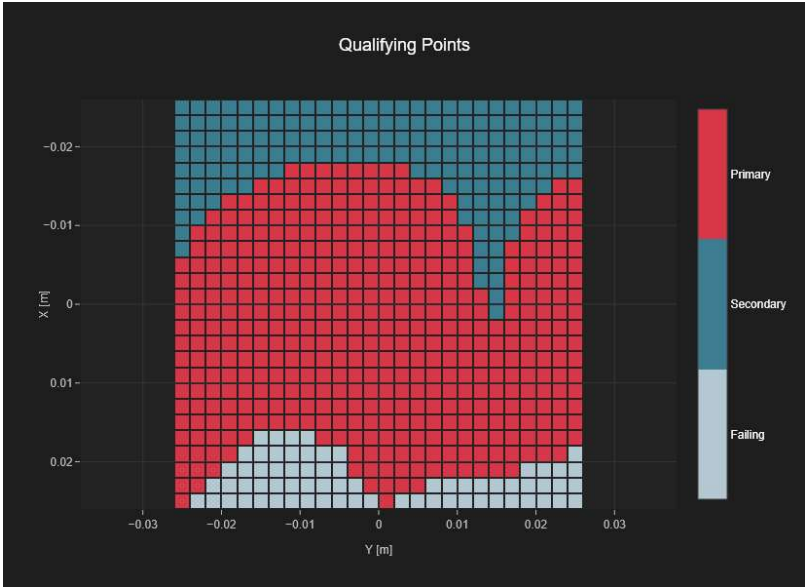
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Results

Primary Group Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
447	608	26	26



T-Coil Signal Test Report

Measurement performed on March 27, 2026 at 17:39

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 10, 2025	DAE4ip Sn1668	September 17, 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

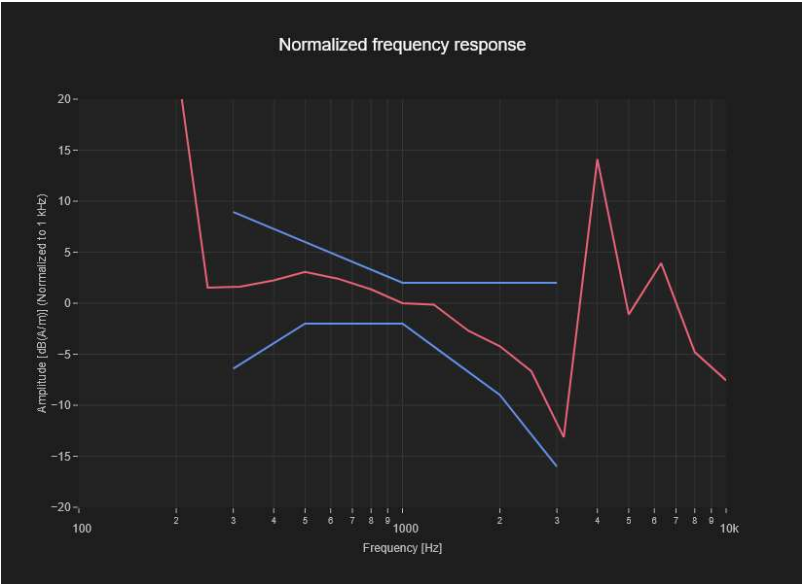
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Signal Results

Audio File	Measurement Duration [s]	Gain [dB]	Hmax [dB(A/m)]	Hmax location [mm]
48k_voice_1kHz_1s.wav	1.0	-12.45	13.58	(13.0, 22.0)

Frequency Response 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



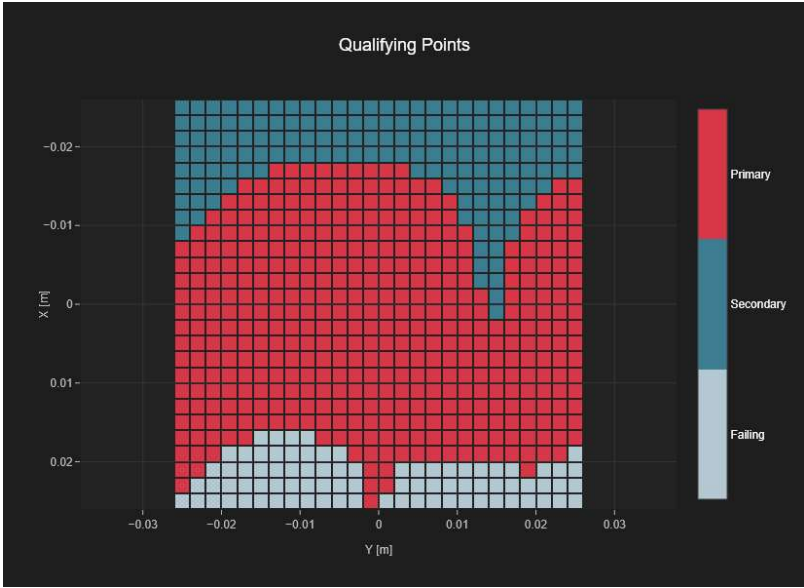
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Results

Primary Group Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
436	594	26	26



T-Coil Signal Test Report

Measurement performed on March 25, 2026 at 19:11

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 10, 2025	DAE4ip Sn1668	September 17, 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

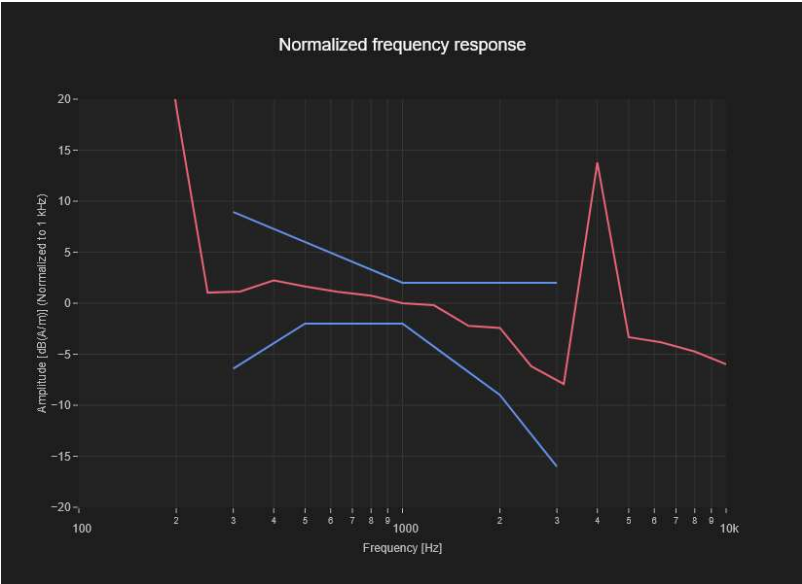
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Signal Results

Audio File	Measurement Duration [s]	Gain [dB]	Hmax [dB(A/m)]	Hmax location [mm]
48k_voice_1kHz_1s.wav	1.0	-12.45	12.06	(13.0, 22.0)

Frequency Response 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



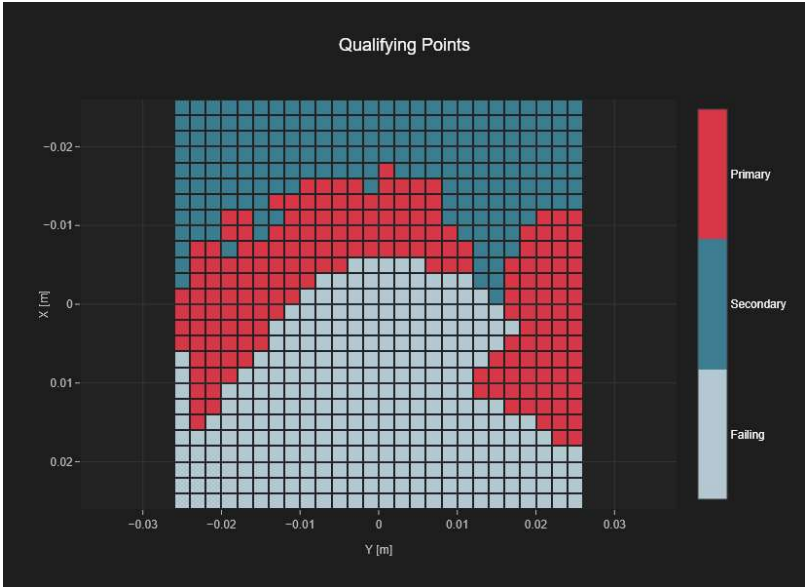
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Results

Primary Group Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
193	386	22	26



T-Coil Signal Test Report

Measurement performed on March 31, 2026 at 13:56

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 10, 2025	DAE4ip Sn1668	September 17, 2025

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

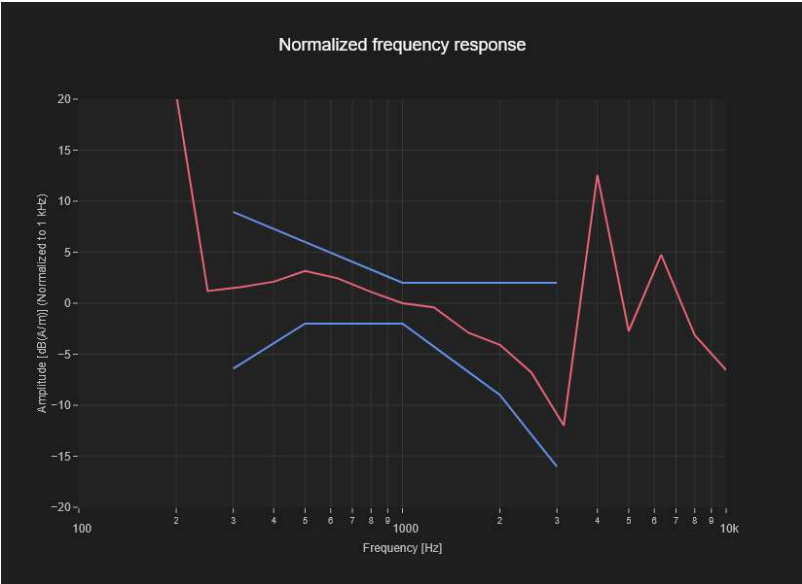
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Signal Results

Audio File	Measurement Duration [s]	Gain [dB]	Hmax [dB(A/m)]	Hmax location [mm]
48k_voice_1kHz_1s.wav	1.0	-12.44	15.16	(14.0, 22.0)

Frequency Response 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



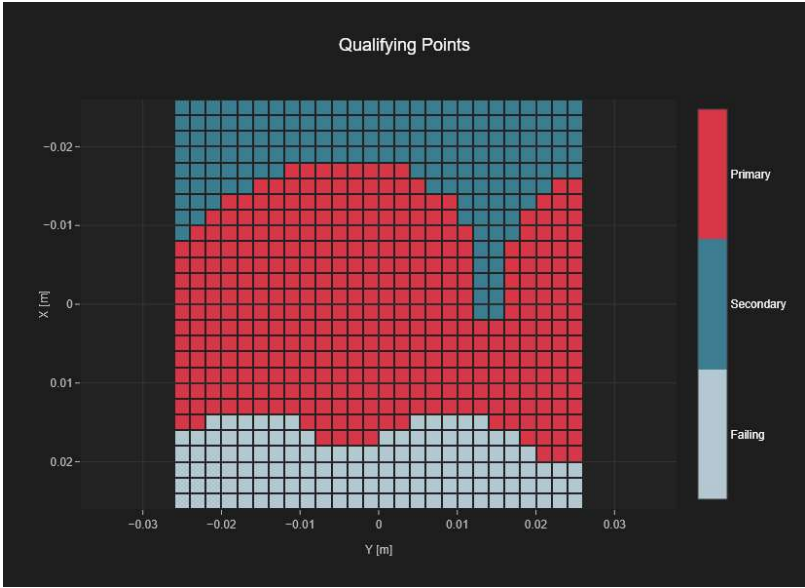
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Results

Primary Group Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
383	546	23	26



T-Coil Signal Test Report

Measurement performed on March 24, 2026 at 11:09

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 10, 2025	DAE4ip Sn1668	September 17, 2025

Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n41	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 30 kHz)	518598	2592.99

Grid Settings

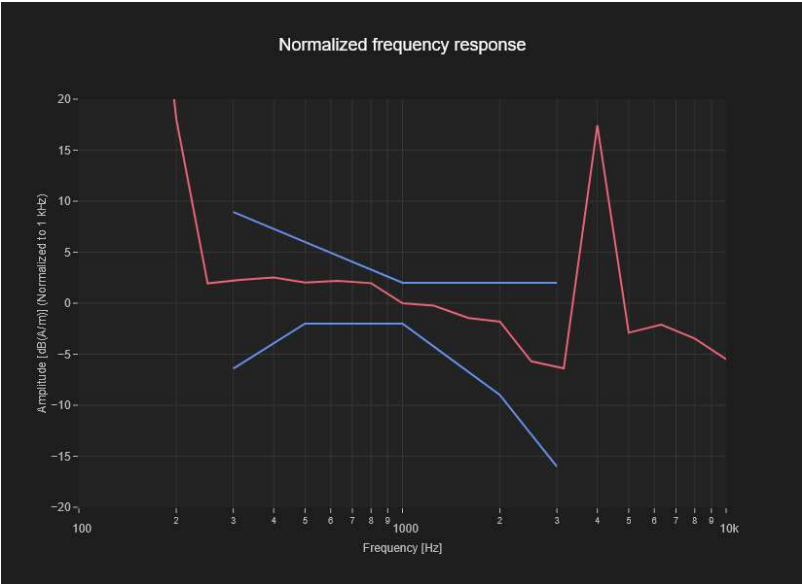
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Signal Results

Audio File	Measurement Duration [s]	Gain [dB]	Hmax [dB(A/m)]	Hmax location [mm]
48k_voice_1kHz_1s.wav	1.0	-12.47	11.56	(12.0, 21.0)

Frequency Response Results

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.32	2.0



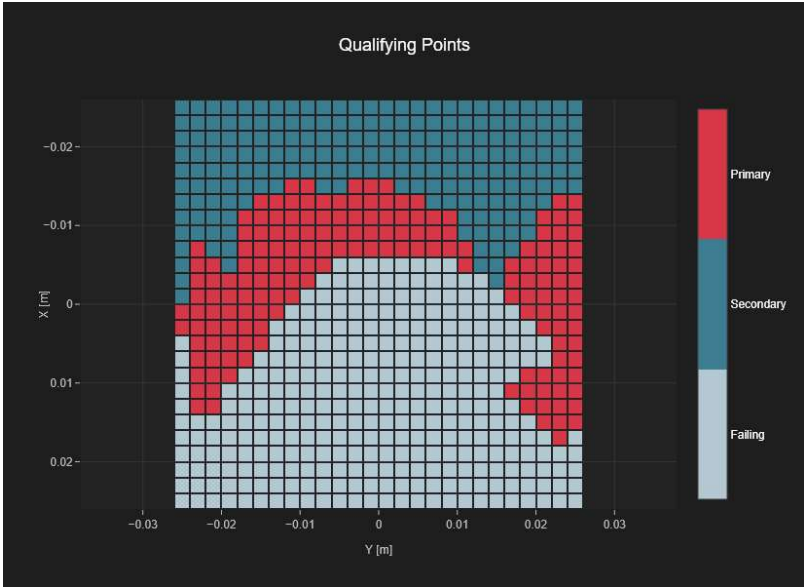
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Results

Primary Group Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
168	363	22	26



T-Coil Signal Test Report

Measurement performed on April 06, 2026 at 16:00

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 10, 2025	DAE4ip Sn1668	September 17, 2025

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

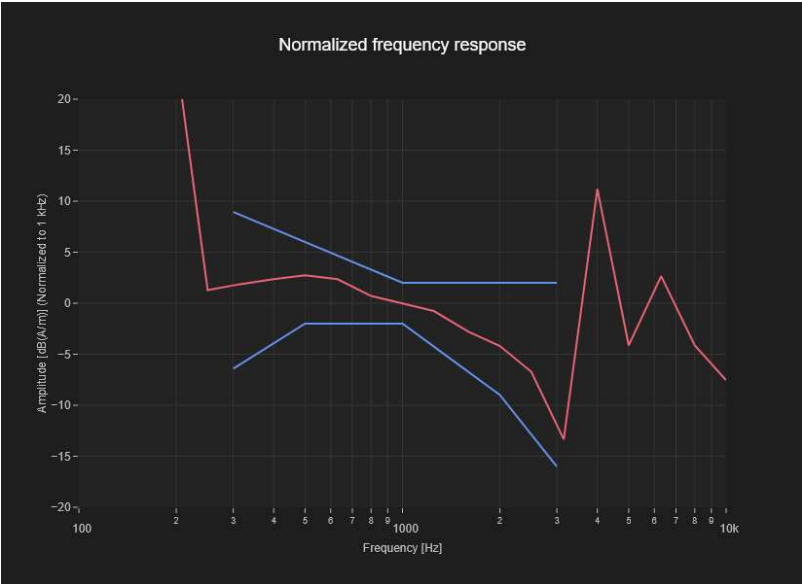
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Signal Results

Audio File	Measurement Duration [s]	Gain [dB]	Hmax [dB(A/m)]	Hmax location [mm]
48k_voice_1kHz_1s.wav	1.0	-12.45	14.81	(13.0, 22.0)

Frequency Response 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

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Results

Primary Group Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
313	466	22	26



T-Coil Signal Test Report

Measurement performed on April 03, 2026 at 15:26

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 10, 2025	DAE4ip Sn1668	September 17, 2025

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)	36	5180.0

Grid Settings

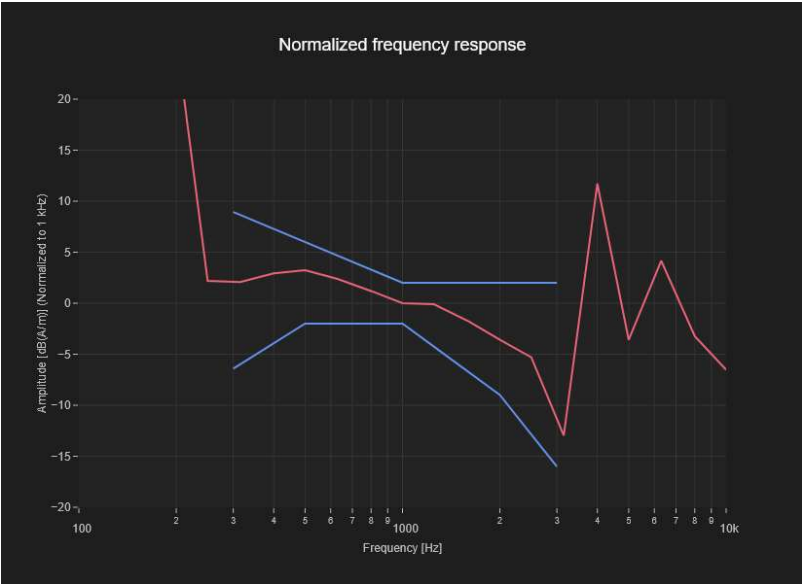
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Signal Results

Audio File	Measurement Duration [s]	Gain [dB]	Hmax [dB(A/m)]	Hmax location [mm]
48k_voice_1kHz_1s.wav	1.0	-12.45	14.33	(14.0, 21.0)

Frequency Response 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



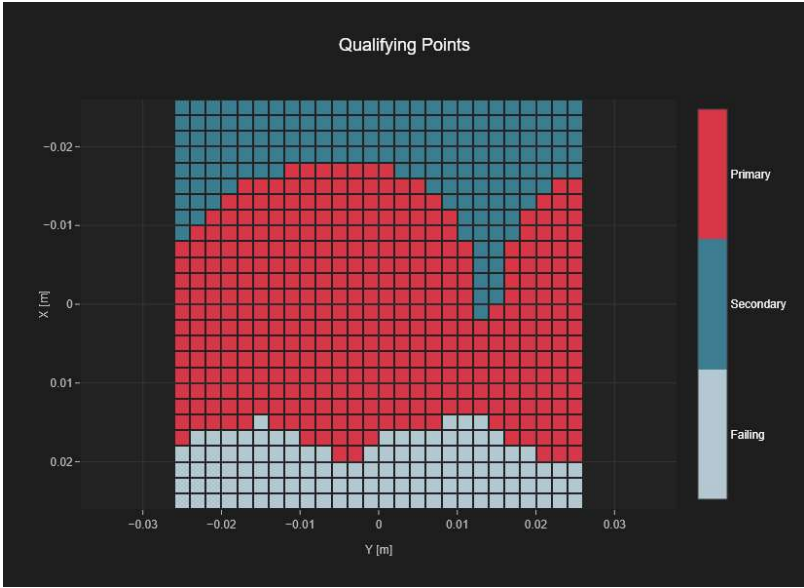
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Results

Primary Group Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
394	558	23	26



T-Coil Signal Test Report

Measurement performed on April 05, 2026 at 10:05

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 10, 2025	DAE4ip Sn1668	September 17, 2025

Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
GSM 850	EDGE-FDD (TDMA, 8PSK, TN 0-1)	190	836.6

Grid Settings

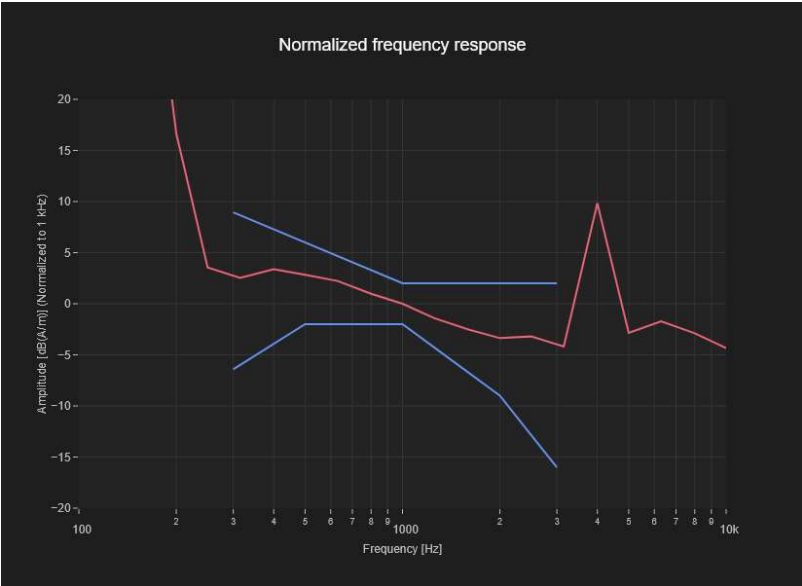
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Signal Results

Audio File	Measurement Duration [s]	Gain [dB]	Hmax [dB(A/m)]	Hmax location [mm]
48k_voice_1kHz_1s.wav	2.0	-16.01	11.93	(14.0, 22.0)

Frequency Response 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

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Results

Primary Group Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
103	330	18	26



T-Coil Signal Test Report

Measurement performed on April 05, 2026 at 13:47

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 10, 2025	DAE4ip Sn1668	September 17, 2025

Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 2	UMTS-FDD (HSUPA, Subtest 2)	9538	1907.6

Grid Settings

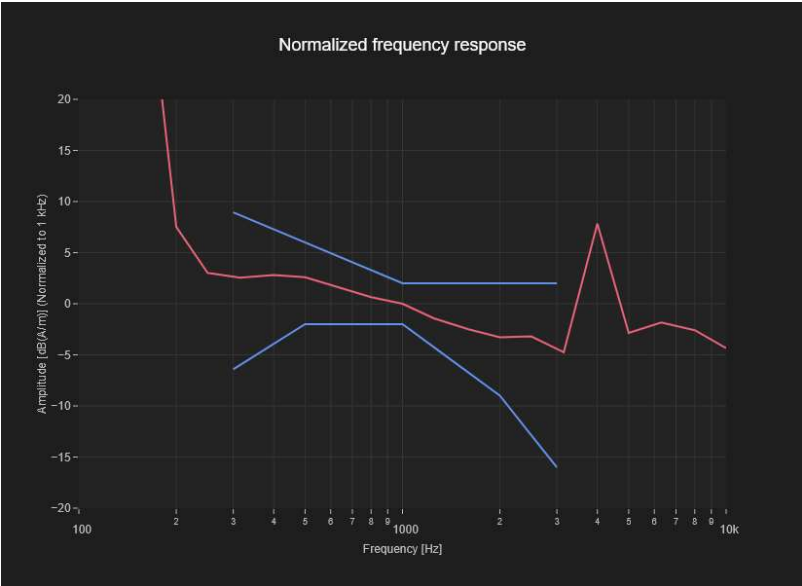
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Signal Results

Audio File	Measurement Duration [s]	Gain [dB]	Hmax [dB(A/m)]	Hmax location [mm]
48k_voice_1kHz_1s.wav	1.0	-16.01	7.81	(13.0, 22.0)

Frequency Response 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



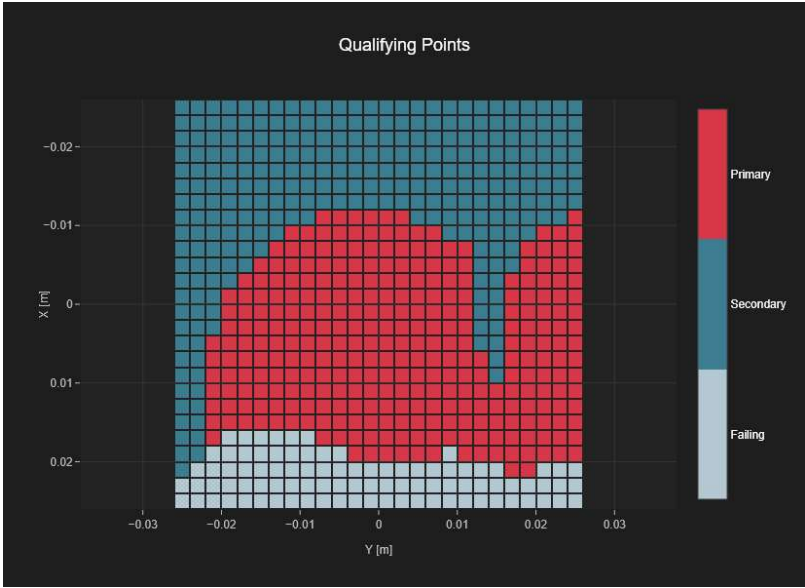
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Results

Primary Group Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
312	585	24	26



T-Coil Signal Test Report

Measurement performed on April 01, 2026 at 18:40

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 10, 2025	DAE4ip Sn1668	September 17, 2025

Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 14	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	23330	793.0

Grid Settings

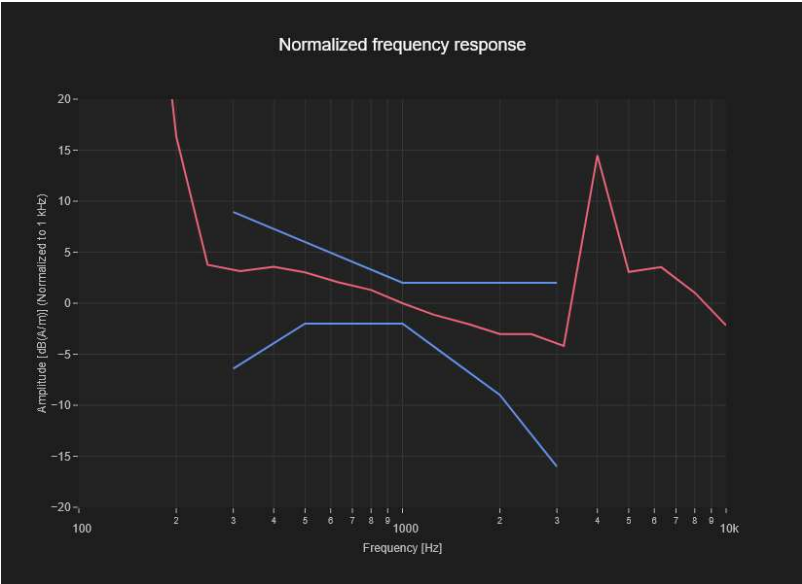
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Signal Results

Audio File	Measurement Duration [s]	Gain [dB]	Hmax [dB(A/m)]	Hmax location [mm]
48k_voice_1kHz_1s.wav	1.0	-16.22	7.61	(13.0, 22.0)

Frequency Response Results

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.99	2.0



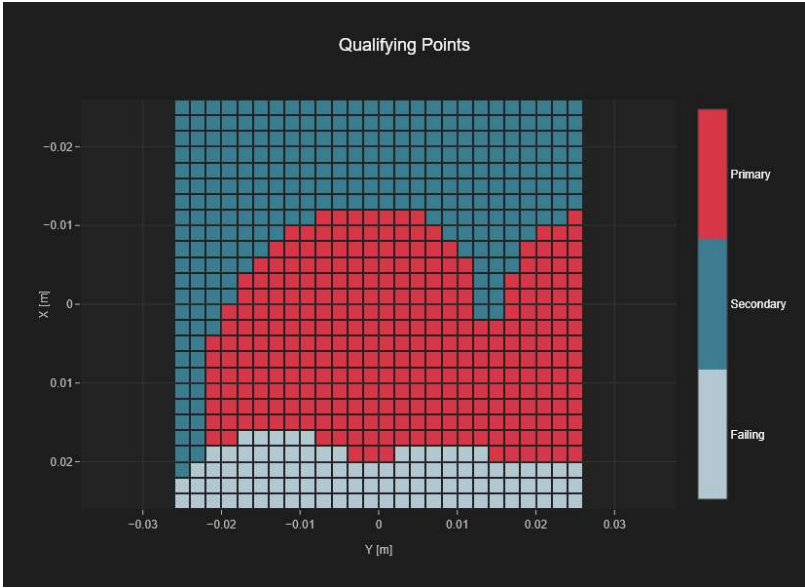
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Results

Primary Group Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
311	579	24	26



T-Coil Signal Test Report

Measurement performed on April 01, 2026 at 15:49

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 10, 2025	DAE4ip Sn1668	September 17, 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

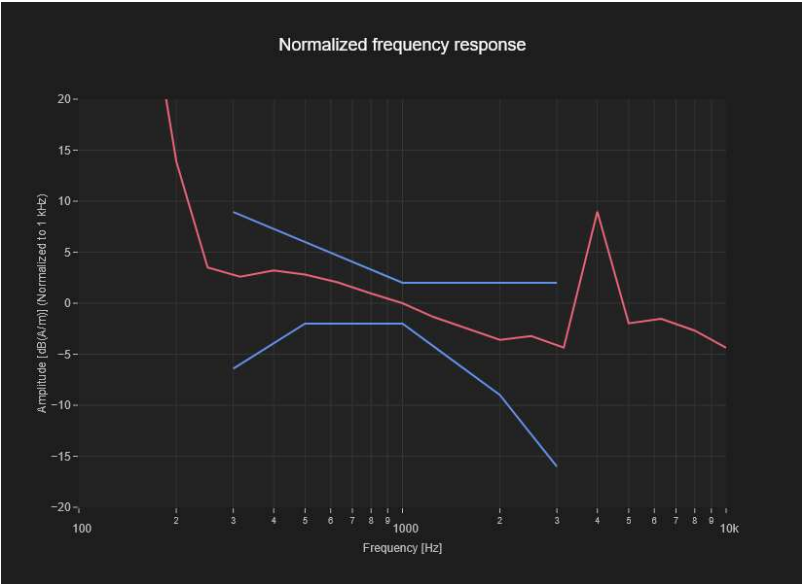
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Signal Results

Audio File	Measurement Duration [s]	Gain [dB]	Hmax [dB(A/m)]	Hmax location [mm]
48k_voice_1kHz_1s.wav	1.0	-16.22	7.55	(13.0, 22.0)

Frequency Response 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



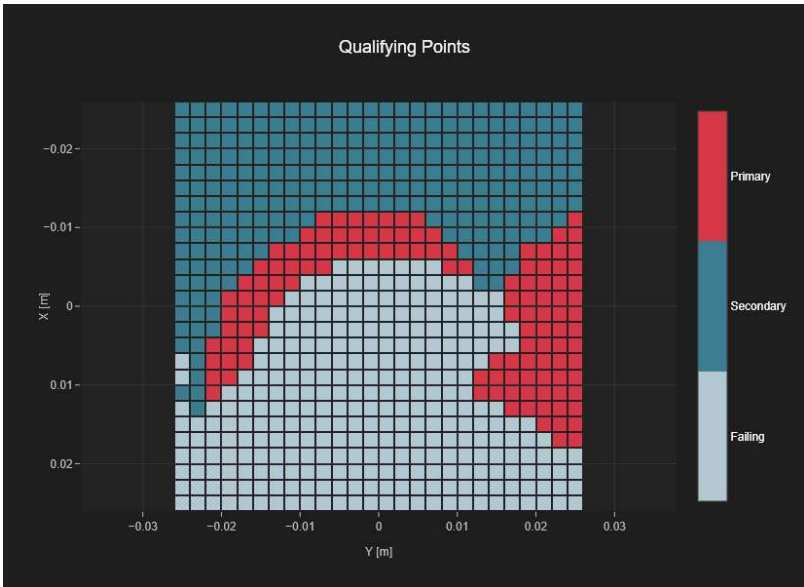
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Results

Primary Group Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
122	377	22	26



T-Coil Signal Test Report

Measurement performed on April 10, 2026 at 09:53

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 10, 2025	DAE4ip Sn1668	September 17, 2025

Communication Systems

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

Grid Settings

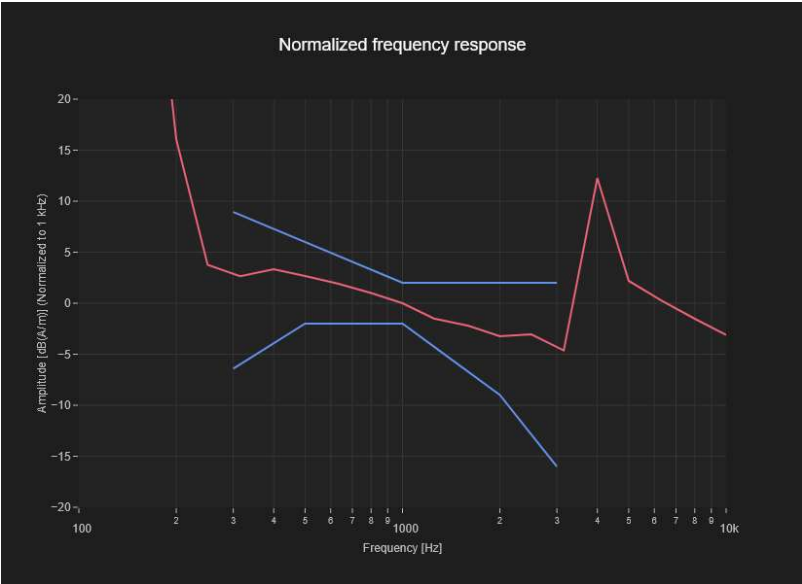
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Signal Results

Audio File	Measurement Duration [s]	Gain [dB]	Hmax [dB(A/m)]	Hmax location [mm]
48k_voice_1kHz_1s.wav	1.0	-15.92	7.67	(13.0, 22.0)

Frequency Response 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



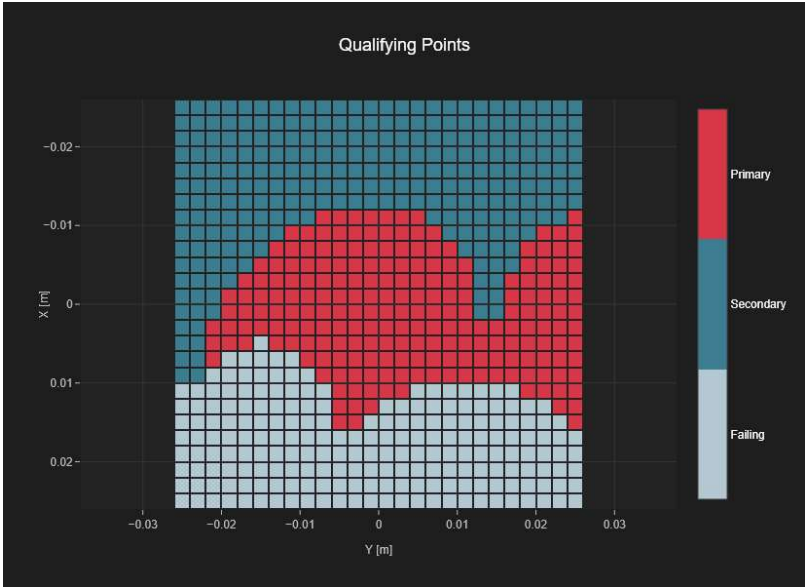
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Results

Primary Group Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
217	472	21	26



T-Coil Signal Test Report

Measurement performed on April 09, 2026 at 16:41

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 10, 2025	DAE4ip Sn1668	September 17, 2025

Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n41	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 30 kHz)	518598	2592.99

Grid Settings

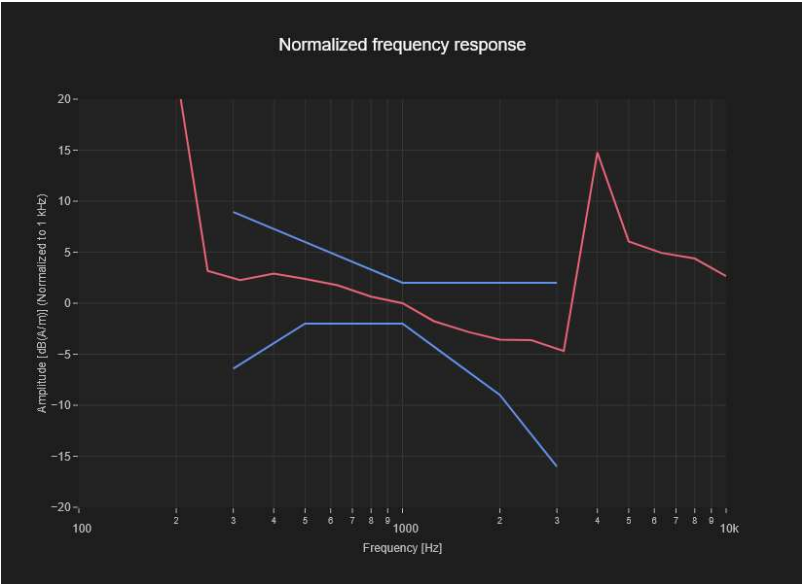
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Signal Results

Audio File	Measurement Duration [s]	Gain [dB]	Hmax [dB(A/m)]	Hmax location [mm]
48k_voice_1kHz_1s.wav	1.0	-15.92	8.25	(13.0, 22.0)

Frequency Response 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



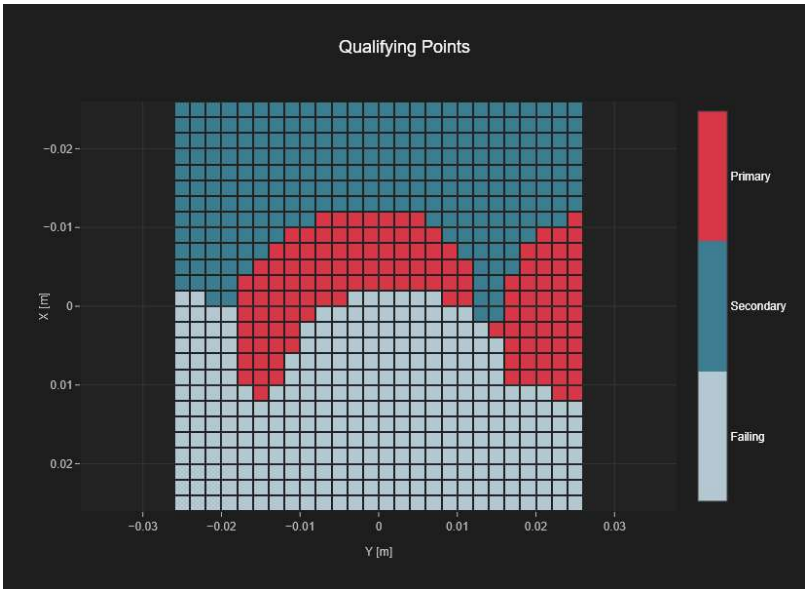
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Results

Primary Group Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
137	380	19	26



T-Coil Signal Test Report

Measurement performed on April 08, 2026 at 11:06

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 10, 2025	DAE4ip Sn1668	September 17, 2025

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

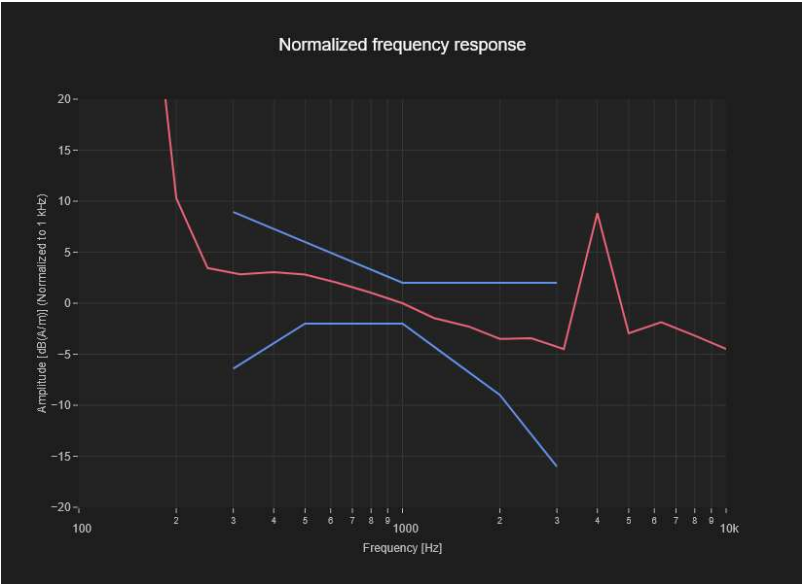
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Signal Results

Audio File	Measurement Duration [s]	Gain [dB]	Hmax [dB(A/m)]	Hmax location [mm]
48k_voice_1kHz_1s.wav	2.0	-15.98	11.57	(14.0, 22.0)

Frequency Response 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

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Results

Primary Group Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
273	494	22	26



T-Coil Signal Test Report

Measurement performed on April 08, 2026 at 14:55

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 10, 2025	DAE4ip Sn1668	September 17, 2025

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)	36	5180.0

Grid Settings

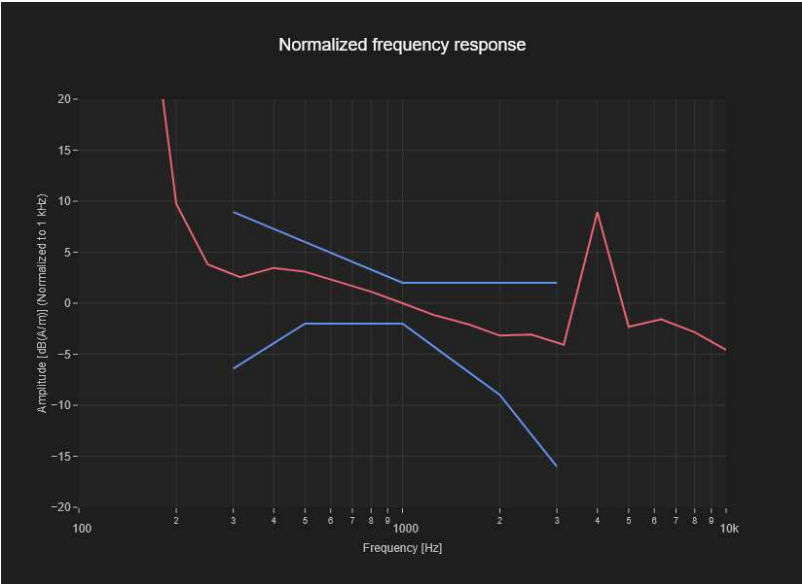
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Signal Results

Audio File	Measurement Duration [s]	Gain [dB]	Hmax [dB(A/m)]	Hmax location [mm]
48k_voice_1kHz_1s.wav	2.0	-15.98	11.81	(13.0, 22.0)

Frequency Response 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



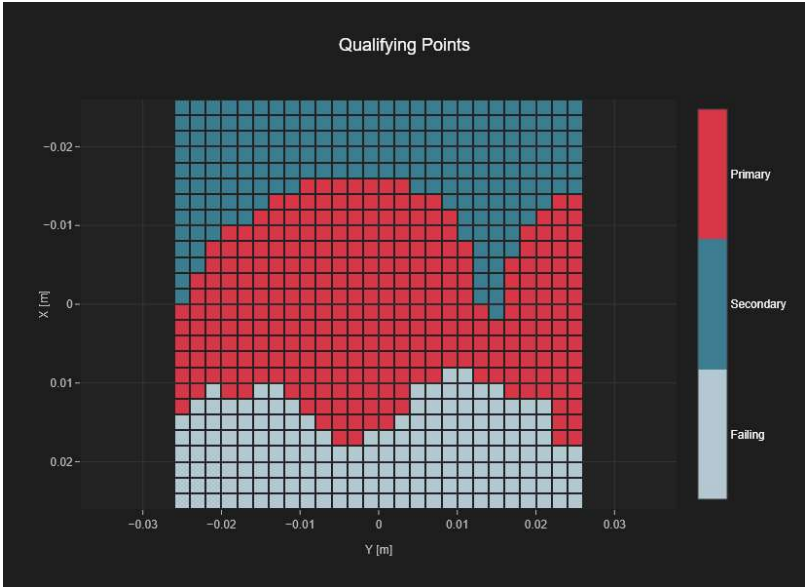
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Results

Primary Group Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
309	504	22	26



T-Coil Signal Test Report

Measurement performed on April 13, 2026 at 11:22

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 10, 2025	DAE4ip Sn1668	September 17, 2025

Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
GSM 850	GPRS-FDD (TDMA, GMSK)	190	836.6

Grid Settings

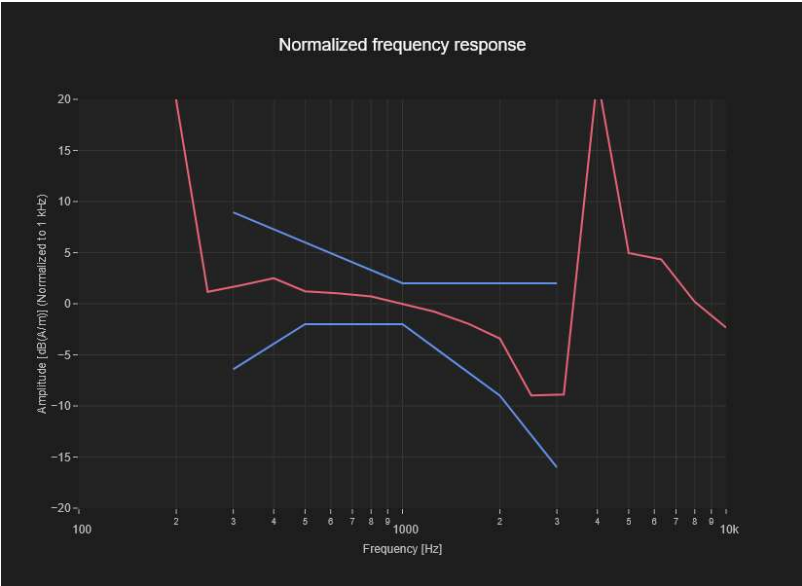
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Signal Results

Audio File	Measurement Duration [s]	Gain [dB]	Hmax [dB(A/m)]	Hmax location [mm]
48k_voice_1kHz_1s.wav	1.0	-12.41	15.66	(13.0, 22.0)

Frequency Response 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

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Results

Primary Group Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
149	286	17	26



T-Coil Signal Test Report

Measurement performed on April 13, 2026 at 10:49

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 10, 2025	DAE4ip Sn1668	September 17, 2025

Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 2	UMTS-FDD (WCDMA)	9538	1907.6

Grid Settings

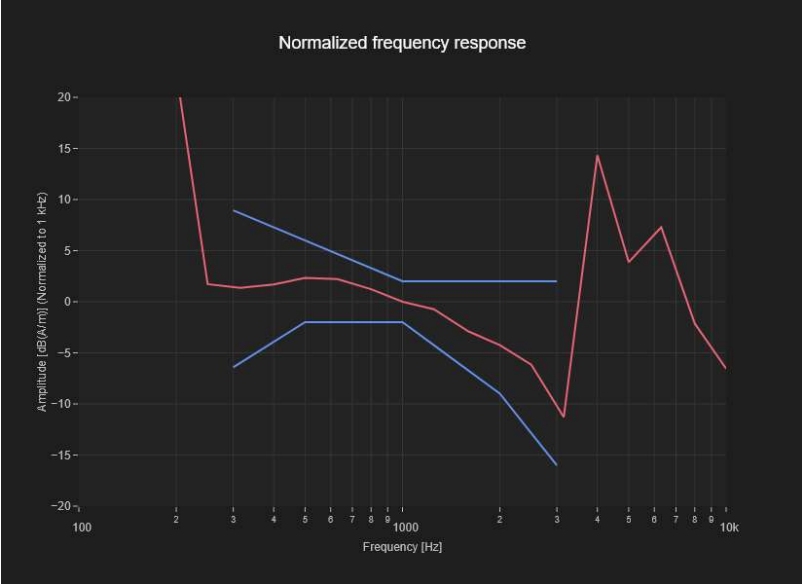
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Signal Results

Audio File	Measurement Duration [s]	Gain [dB]	Hmax [dB(A/m)]	Hmax location [mm]
48k_voice_1kHz_1s.wav	1.0	-12.41	14.36	(13.0, 22.0)

Frequency Response 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



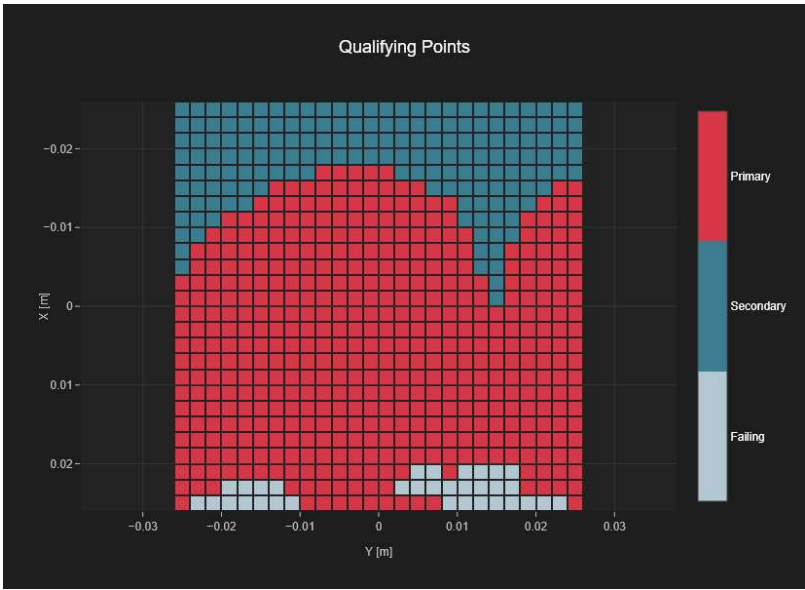
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Results

Primary Group Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
474	643	26	26



T-Coil Signal Test Report

Measurement performed on April 13, 2026 at 10:18

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 10, 2025	DAE4ip Sn1668	September 17, 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

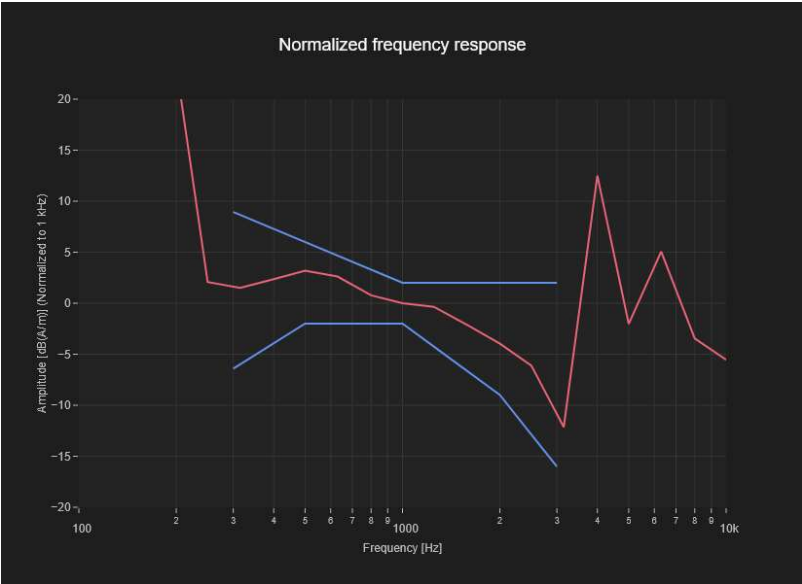
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Signal Results

Audio File	Measurement Duration [s]	Gain [dB]	Hmax [dB(A/m)]	Hmax location [mm]
48k_voice_1kHz_1s.wav	1.0	-12.41	14.64	(13.0, 22.0)

Frequency Response 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



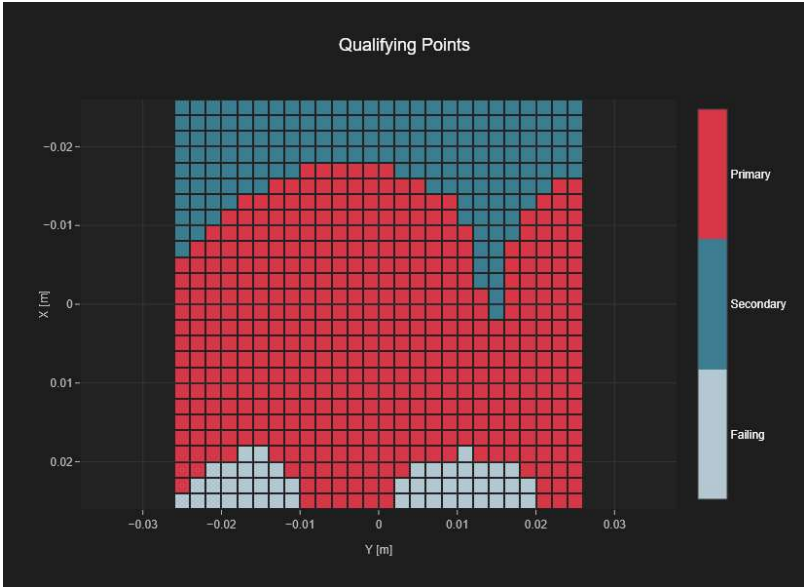
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Results

Primary Group Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
460	628	26	26



T-Coil Signal Test Report

Measurement performed on April 13, 2026 at 09:39

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 10, 2025	DAE4ip Sn1668	September 17, 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

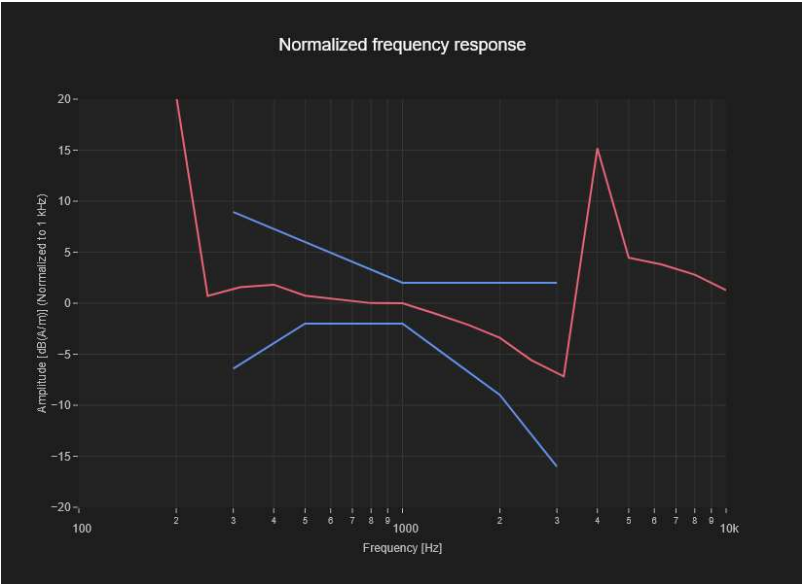
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Signal Results

Audio File	Measurement Duration [s]	Gain [dB]	Hmax [dB(A/m)]	Hmax location [mm]
48k_voice_1kHz_1s.wav	1.0	-12.41	13.08	(14.0, 7.0)

Frequency Response 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



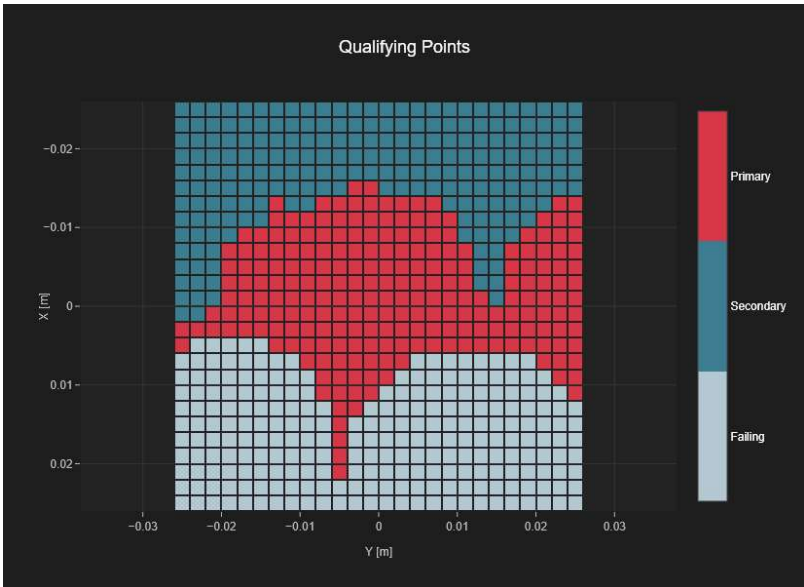
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Results

Primary Group Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
230	439	24	26



T-Coil Signal Test Report

Measurement performed on April 10, 2026 at 17:24

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3137	July 10, 2025	DAE4ip Sn1668	September 17, 2025

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

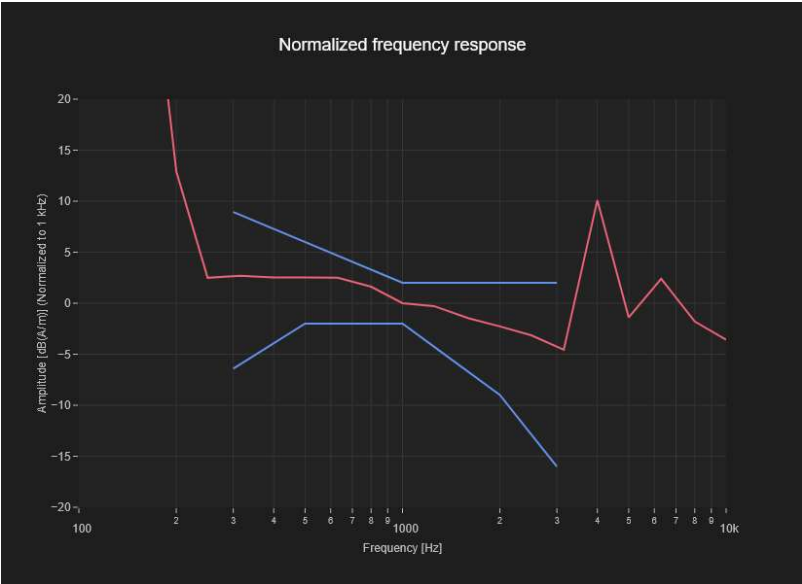
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Signal Results

Audio File	Measurement Duration [s]	Gain [dB]	Hmax [dB(A/m)]	Hmax location [mm]
48k_voice_1kHz_1s.wav	1.0	-12.47	15.19	(13.0, 22.0)

Frequency Response Results

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.67	2.0



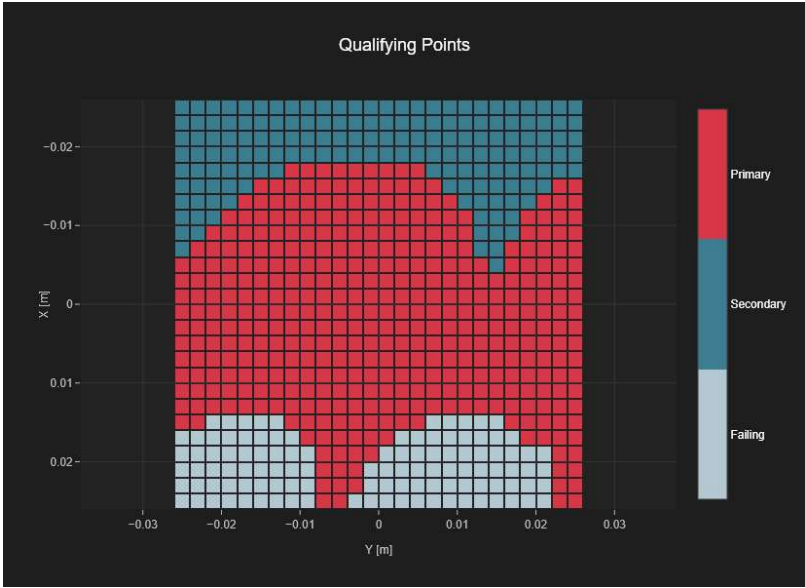
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Results

Primary Group Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
409	566	26	26



T-Coil Signal Test Report

Measurement performed on April 10, 2026 at 14:03

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 10, 2025	DAE4ip Sn1668	September 17, 2025

Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n41	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 30 kHz)	518598	2592.99

Grid Settings

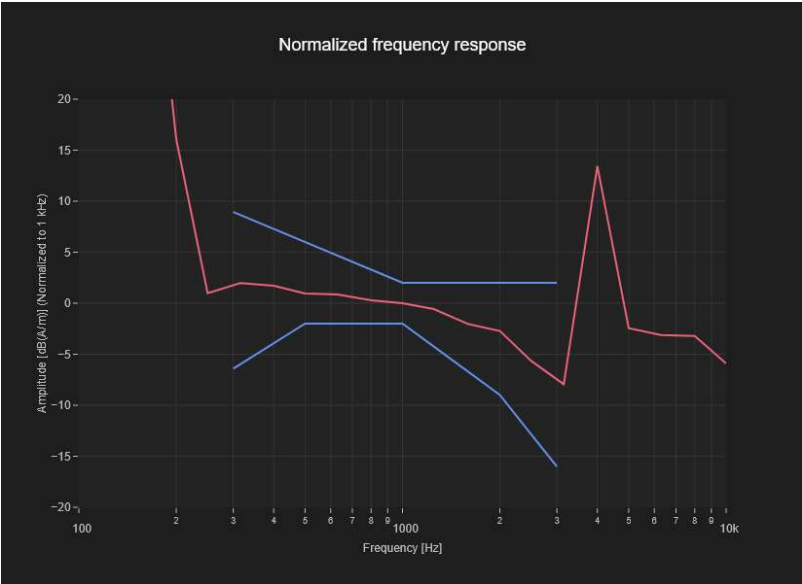
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Signal Results

Audio File	Measurement Duration [s]	Gain [dB]	Hmax [dB(A/m)]	Hmax location [mm]
48k_voice_1kHz_1s.wav	1.0	-12.45	12.4	(12.0, 22.0)

Frequency Response 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



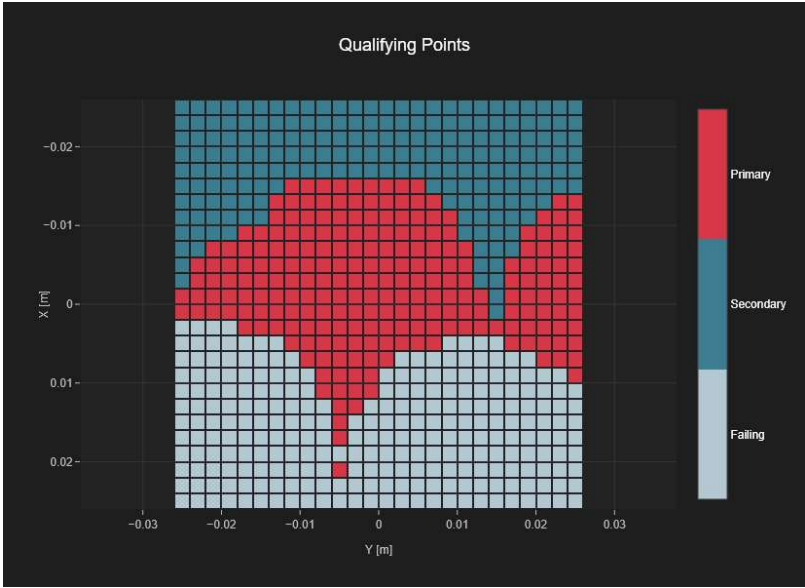
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Results

Primary Group Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
232	423	23	26



T-Coil Signal Test Report

Measurement performed on April 13, 2026 at 13:25

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 10, 2025	DAE4ip Sn1668	September 17, 2025

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

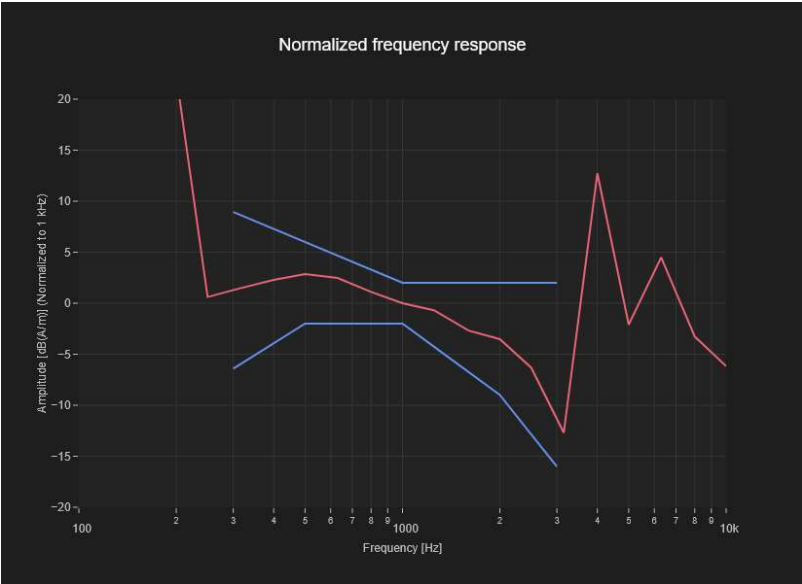
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Signal Results

Audio File	Measurement Duration [s]	Gain [dB]	Hmax [dB(A/m)]	Hmax location [mm]
48k_voice_1kHz_1s.wav	1.0	-12.41	14.38	(13.0, 22.0)

Frequency Response 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



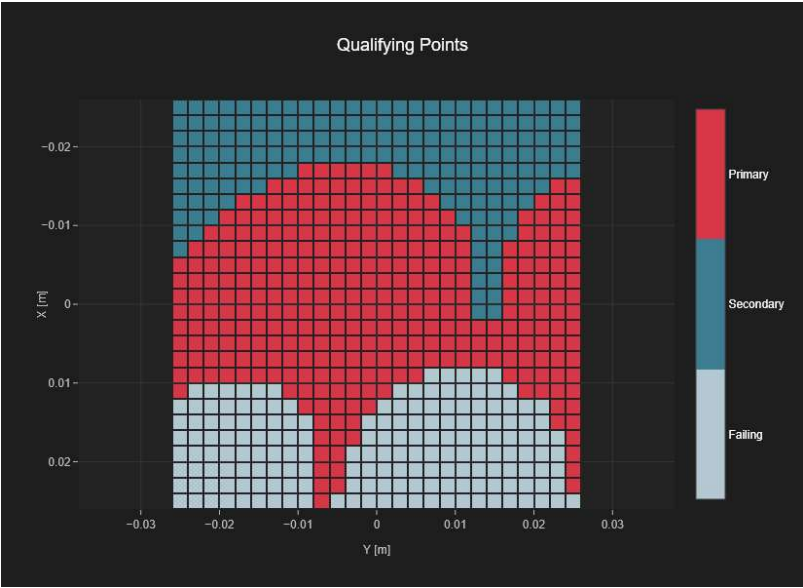
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Results

Primary Group Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
330	501	26	26



T-Coil Signal Test Report

Measurement performed on April 13, 2026 at 14:30

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 10, 2025	DAE4ip Sn1668	September 17, 2025

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)	36	5180.0

Grid Settings

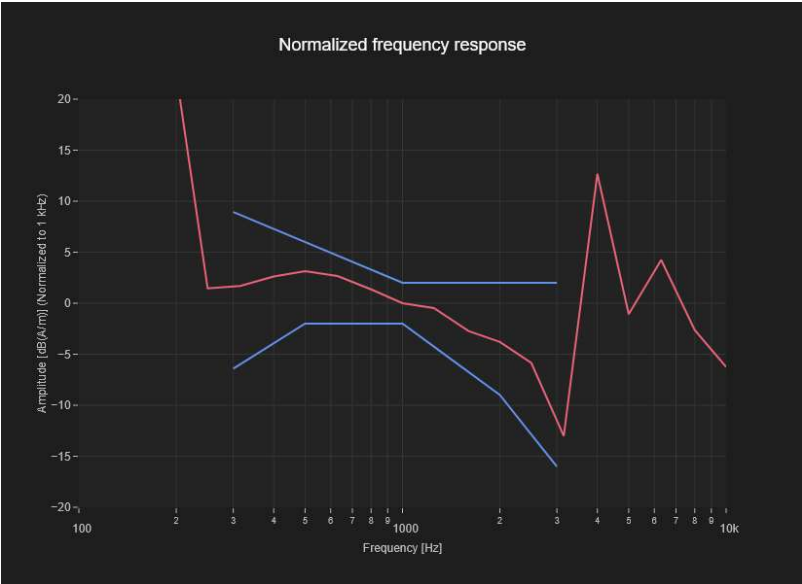
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

Signal Results

Audio File	Measurement Duration [s]	Gain [dB]	Hmax [dB(A/m)]	Hmax location [mm]
48k_voice_1kHz_1s.wav	1.0	-12.41	14.77	(13.0, 22.0)

Frequency Response 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

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-F971U

Results

Primary Group Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
399	571	26	26

