

T-Coil Signal Test Report

Measurement performed on November 29, 2024 at 10:32

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 17, 2024	DAE4 Sn1468	August 15, 2024

Communication Systems

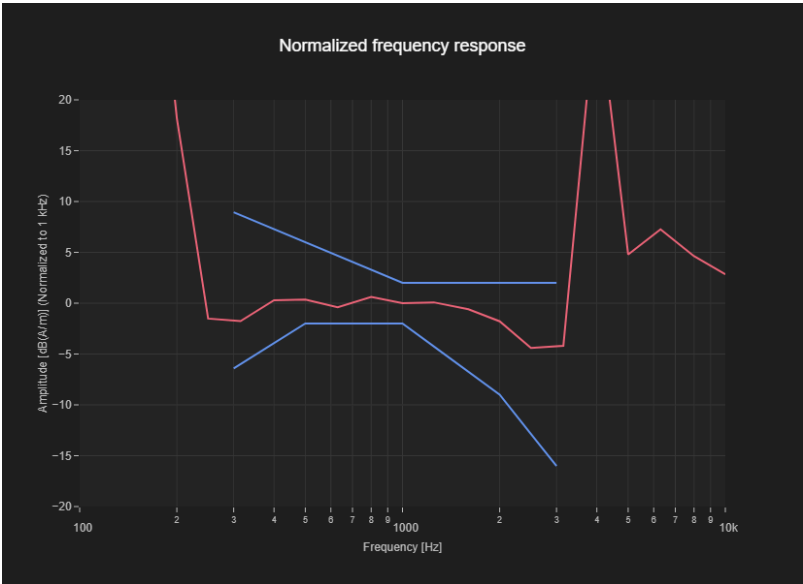
Band Name	Communication Systems Name	Channel	Frequency [MHz]
GSM 850	GSM-FDD (TDMA, GMSK)	251	848.8

Grid Settings

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

Results

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.92	1.61



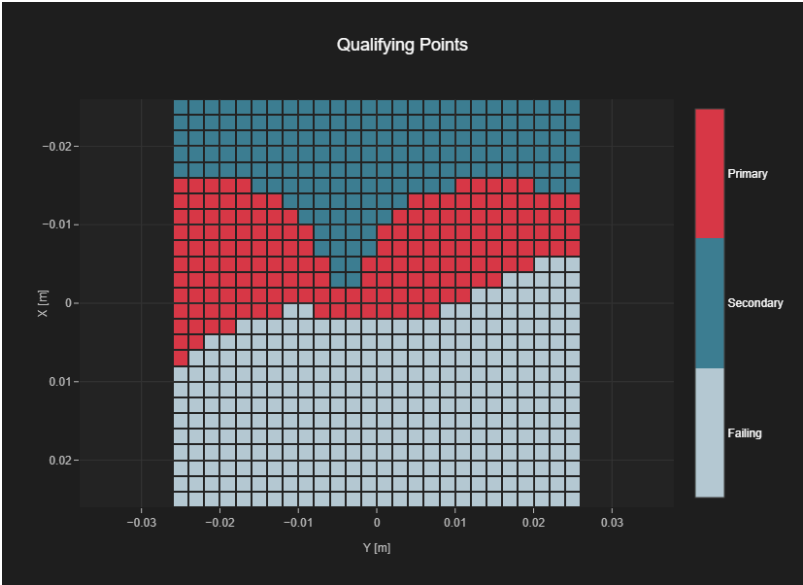
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
173	345	17	26



T-Coil Signal Test Report

Measurement performed on November 29, 2024 at 13:07

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 17, 2024	DAE4 Sn1468	August 15, 2024

Communication Systems

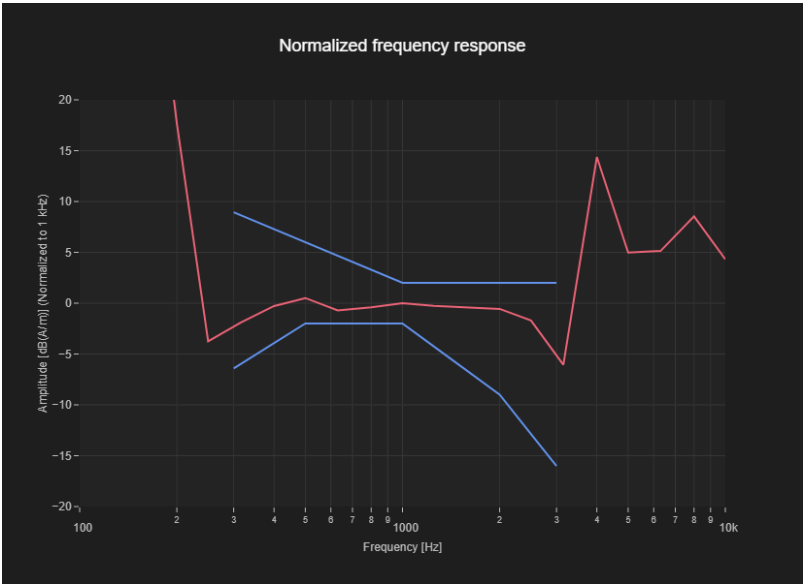
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 5	UMTS-FDD (WCDMA)	4183	836.6

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

Results

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	1.3



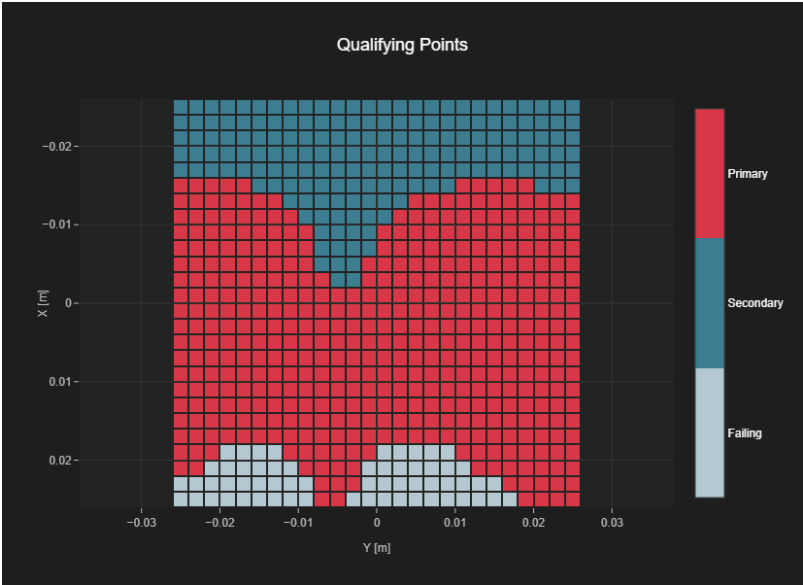
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
443	616	26	26



T-Coil Signal Test Report

Measurement performed on December 02, 2024 at 11:03

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 17, 2024	DAE4 Sn1468	August 15, 2024

Communication Systems

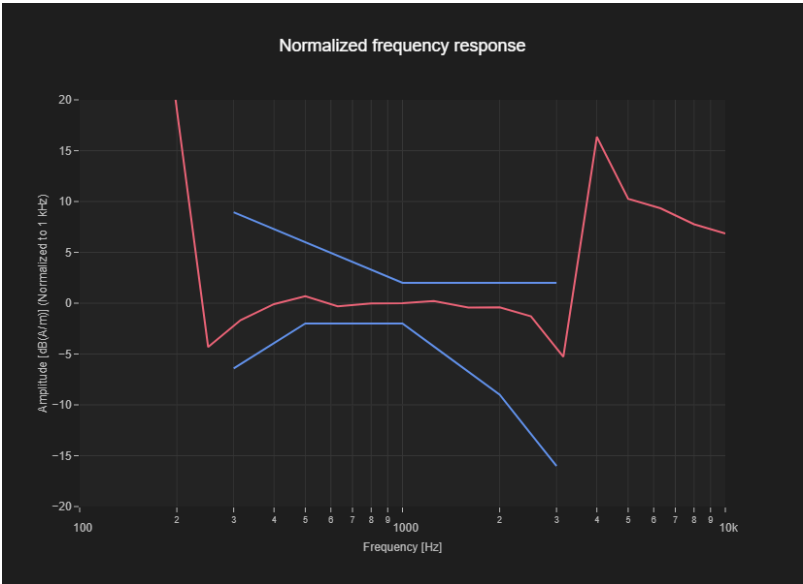
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 25	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	26365	1882.5

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	1.8	1.7



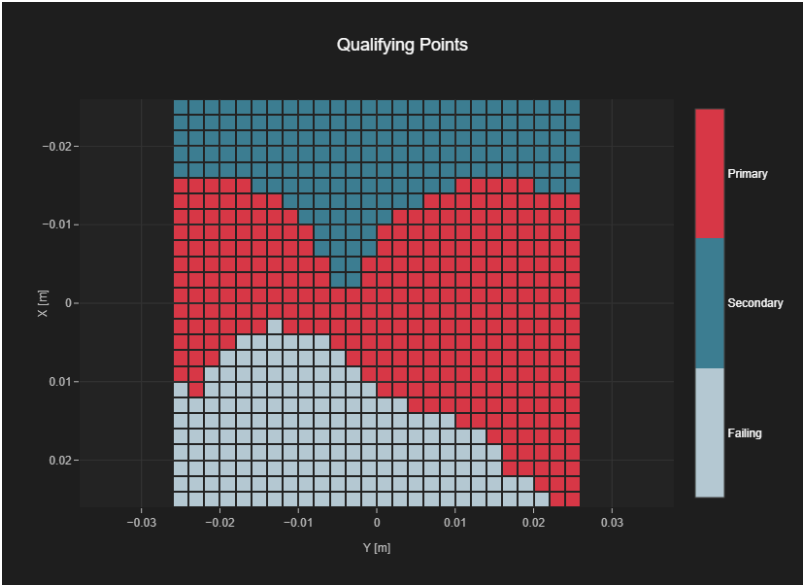
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
324	497	26	26



T-Coil Signal Test Report

Measurement performed on December 05, 2024 at 14:03

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 17, 2024	DAE4 Sn1468	August 15, 2024

Communication Systems

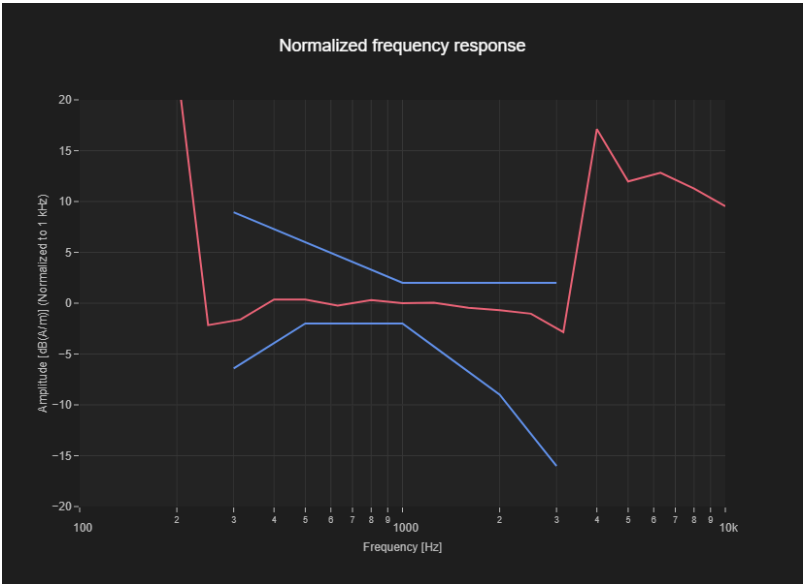
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 41	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	41490	2680.0

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	1.95	1.77



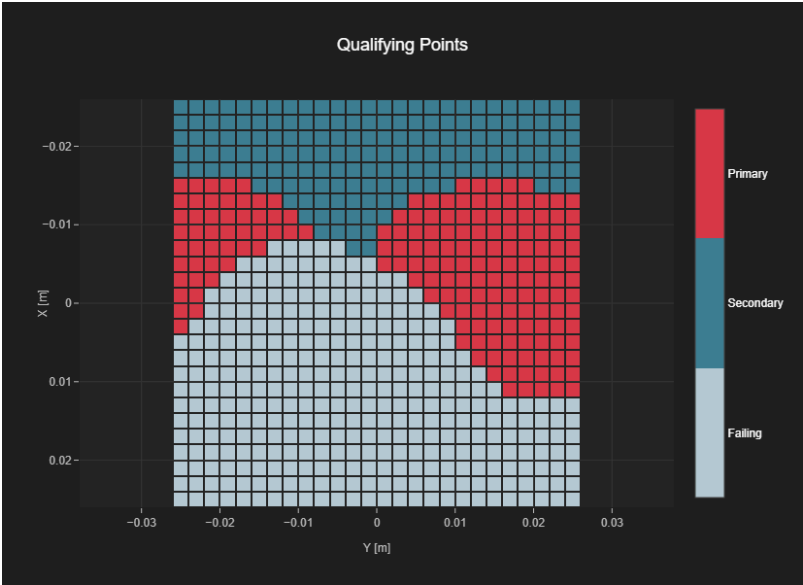
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
178	344	19	26



T-Coil Signal Test Report

Measurement performed on December 09, 2024 at 12:33

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 17, 2024	DAE4 Sn1468	August 15, 2024

Communication Systems

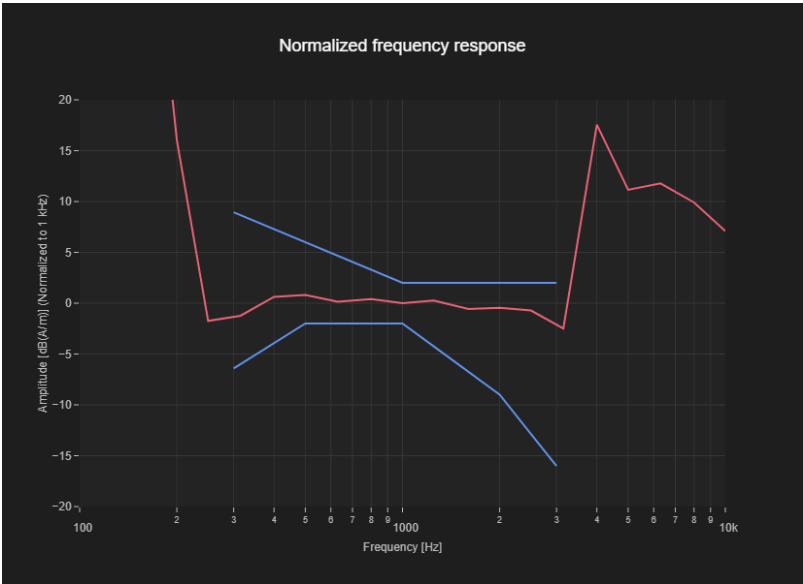
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n66	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	349000	1745.0

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

Results

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



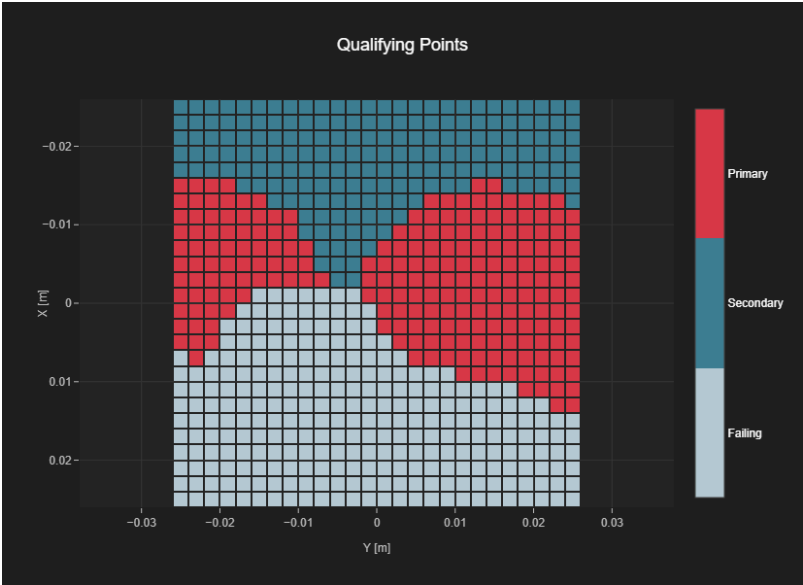
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
222	405	20	26



T-Coil Signal Test Report

Measurement performed on December 05, 2024 at 16:06

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 17, 2024	DAE4 Sn1468	August 15, 2024

Communication Systems

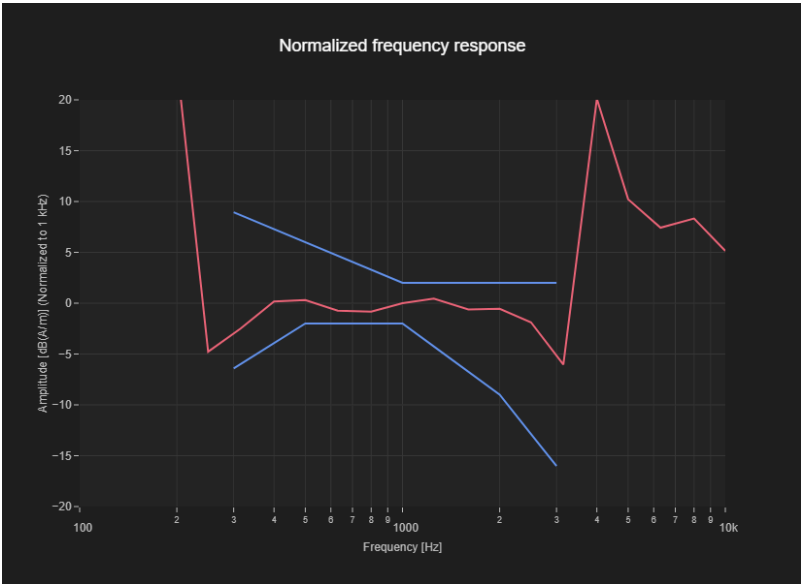
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n41	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	518598	2592.99

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	1.55	1.17



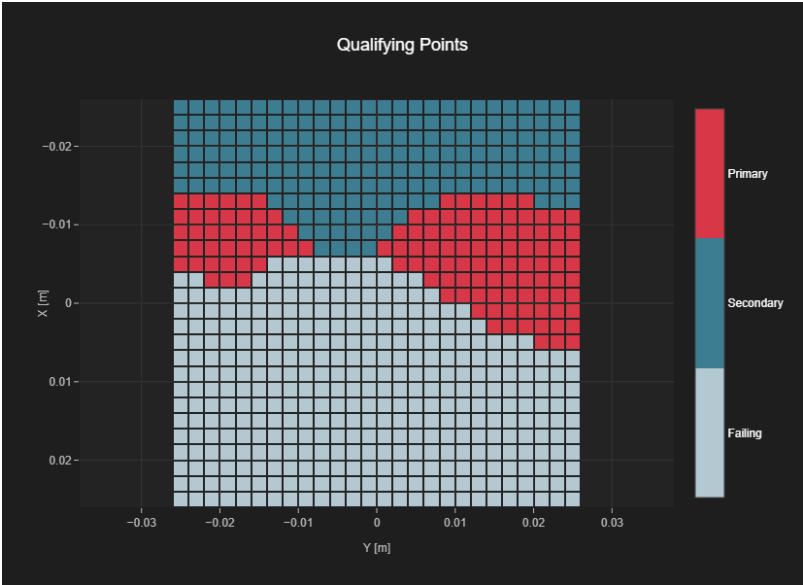
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
128	316	16	26



T-Coil Signal Test Report

Measurement performed on December 04, 2024 at 09:31

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 17, 2024	DAE4 Sn1468	August 15, 2024

Communication Systems

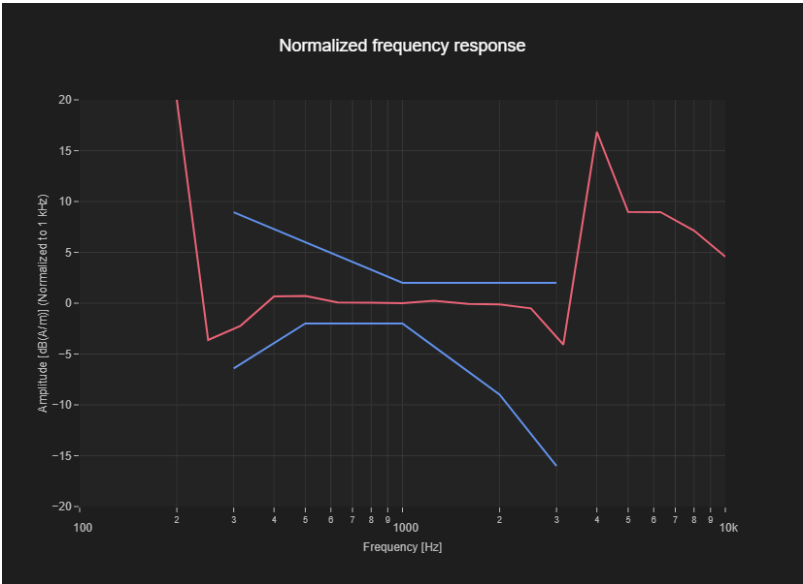
Band Name	Communication Systems Name	Channel	Frequency [MHz]
WLAN 2.4GHz	IEEE 802.11g WiFi 2.4 GHz (BPSK, 6 Mbps)	6	2437.0

Grid Settings

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

Results

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



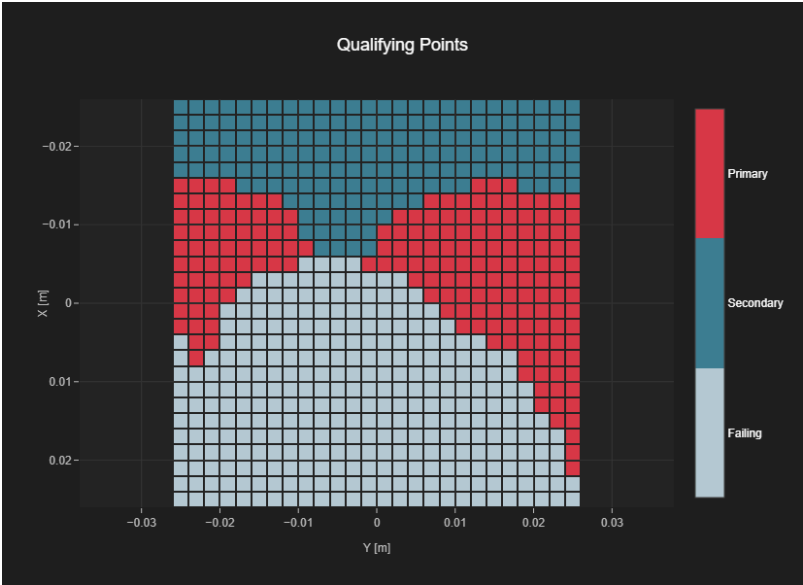
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
190	363	24	26



T-Coil Signal Test Report

Measurement performed on December 02, 2024 at 12:03

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 17, 2024	DAE4 Sn1468	August 15, 2024

Communication Systems

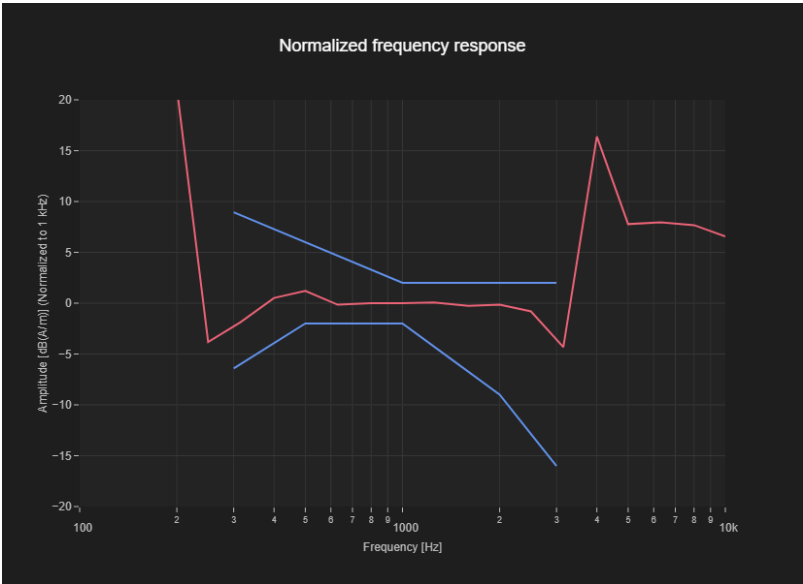
Band Name	Communication Systems Name	Channel	Frequency [MHz]
WLAN 5GHz	IEEE 802.11a/h WiFi 5 GHz (BPSK, 6 Mbps)	40	5200.0

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

Results

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.92	1.85



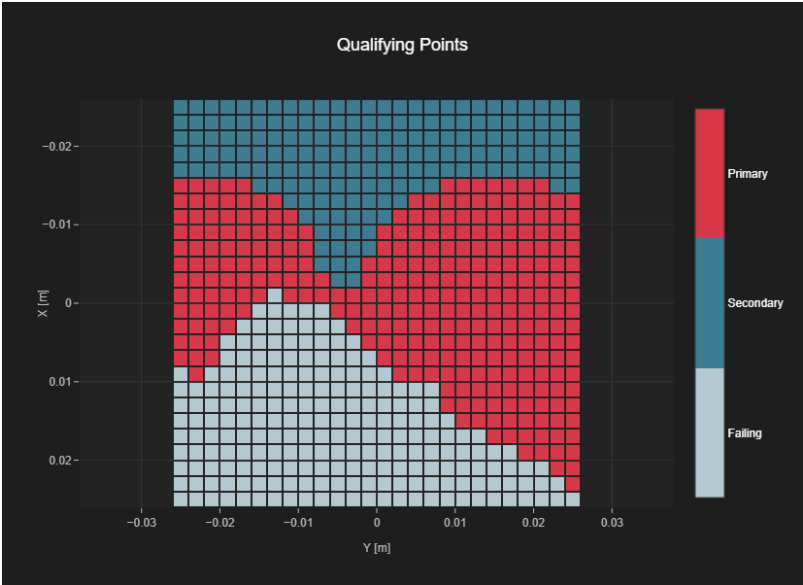
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
291	462	25	26



T-Coil Signal Test Report

Measurement performed on December 15, 2024 at 11:18

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 17, 2024	DAE4 Sn1468	August 15, 2024

Communication Systems

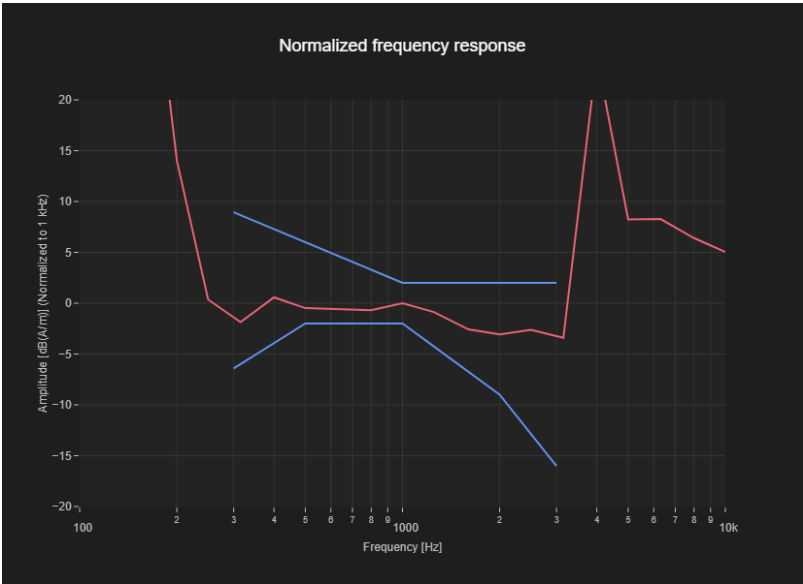
Band Name	Communication Systems Name	Channel	Frequency [MHz]
GSM 850	EDGE-FDD (TDMA, 8PSK, TN 0-1)	251	848.8

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	1.3



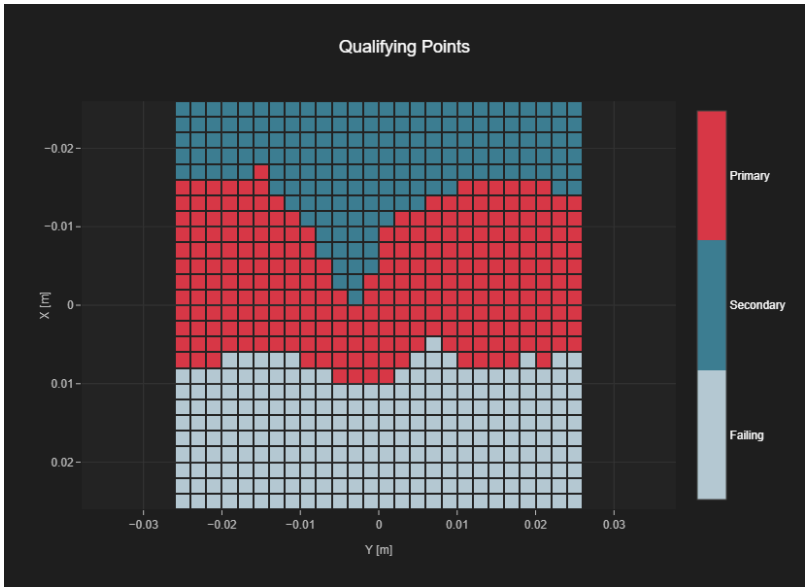
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
262	434	18	26



T-Coil Signal Test Report

Measurement performed on December 15, 2024 at 14:50

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 17, 2024	DAE4 Sn1468	August 15, 2024

Communication Systems

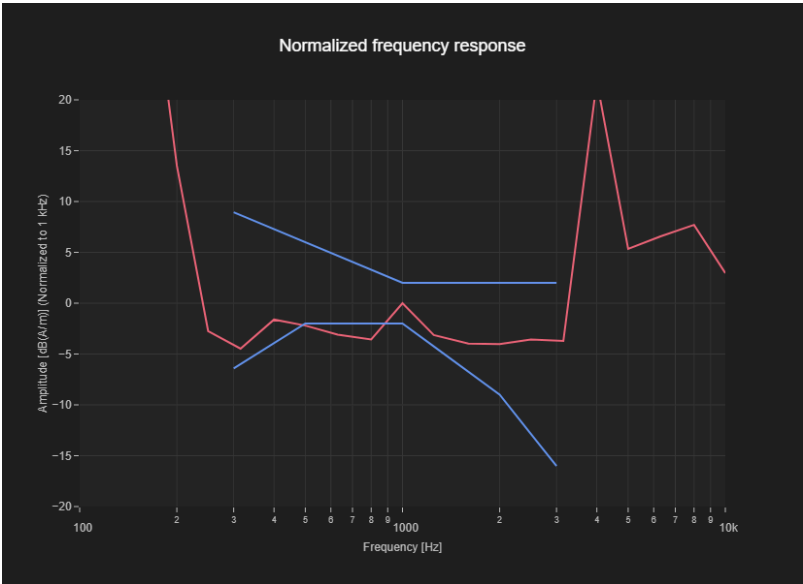
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 5	UMTS-FDD (HSUPA, Subtest 1)	4132	826.4

Grid Settings

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

Results

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.42	1.2



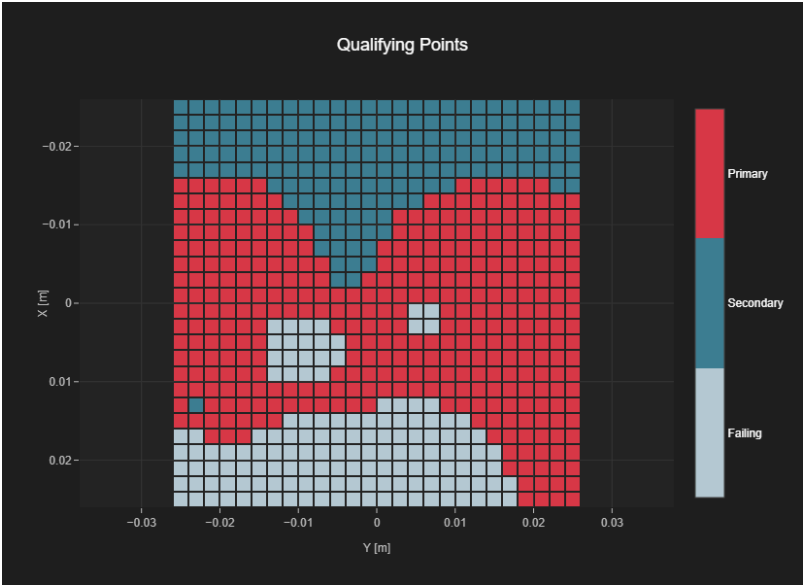
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
361	535	26	26



T-Coil Signal Test Report

Measurement performed on December 12, 2024 at 10:09

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 17, 2024	DAE4 Sn1468	August 15, 2024

Communication Systems

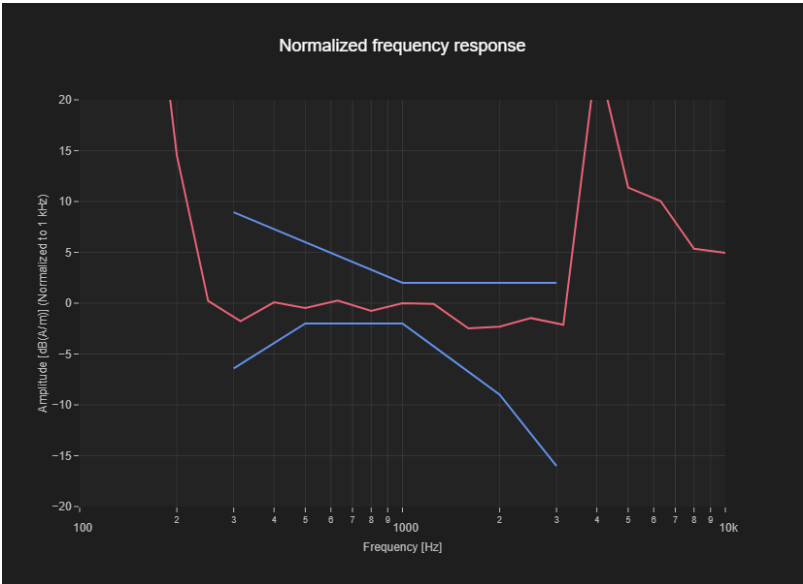
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 25	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	26365	1882.5

Grid Settings

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

Results

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



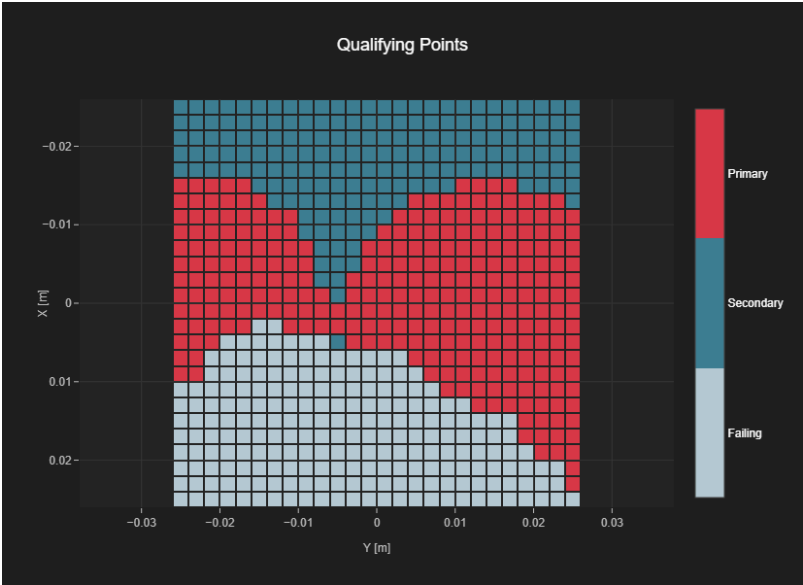
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
283	461	25	26



T-Coil Signal Test Report

Measurement performed on December 11, 2024 at 13:57

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 17, 2024	DAE4 Sn1468	August 15, 2024

Communication Systems

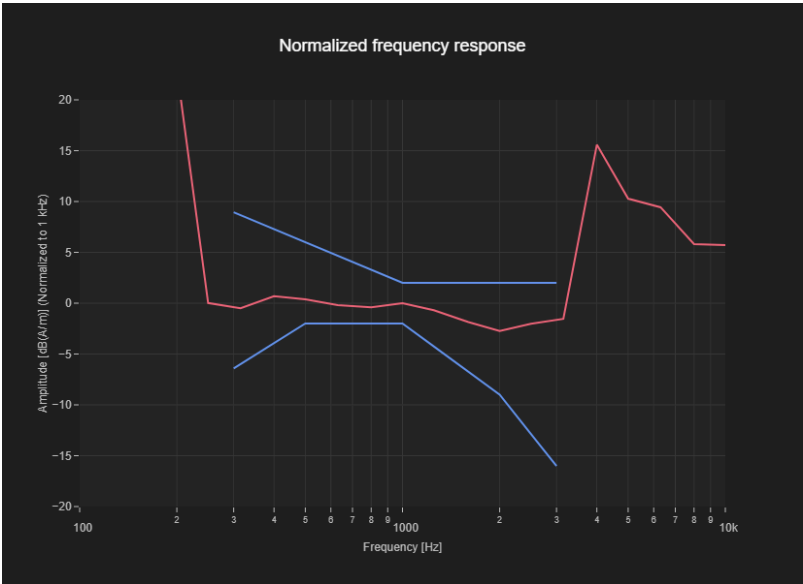
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 41	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	41490	2680.0

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	1.6



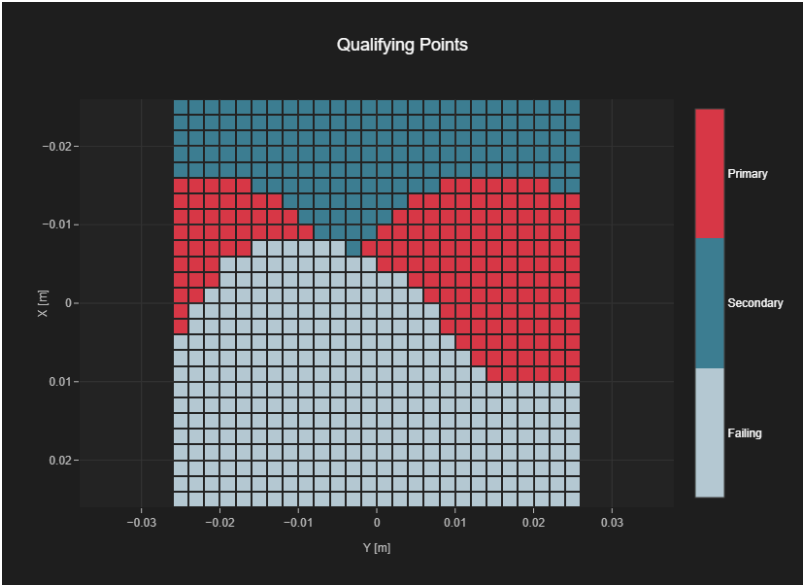
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
174	337	18	26



T-Coil Signal Test Report

Measurement performed on December 09, 2024 at 15:20

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 17, 2024	DAE4 Sn1468	August 15, 2024

Communication Systems

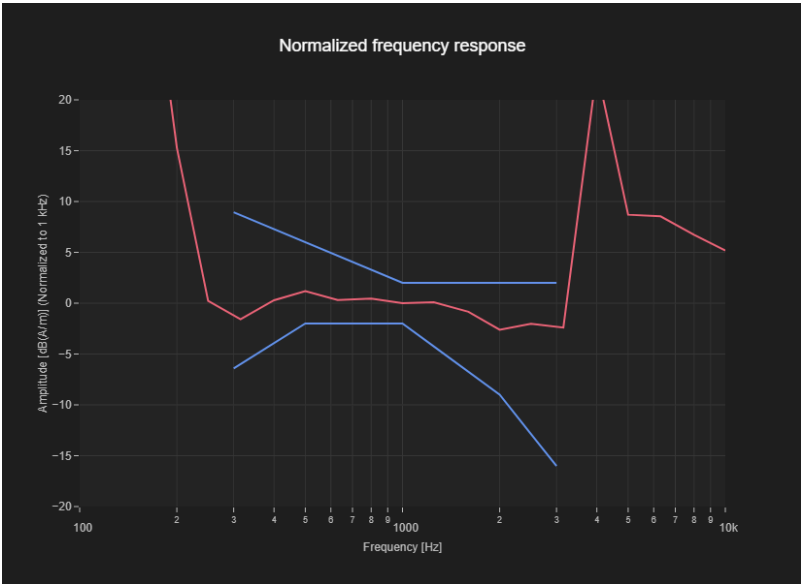
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n66	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	349000	1745.0

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

Results

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



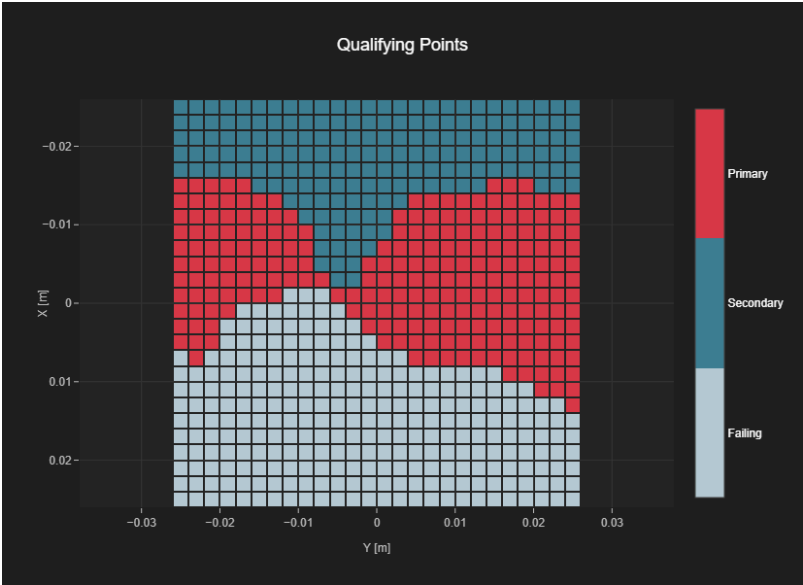
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
232	408	20	26



T-Coil Signal Test Report

Measurement performed on December 10, 2024 at 09:18

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 17, 2024	DAE4 Sn1468	August 15, 2024

Communication Systems

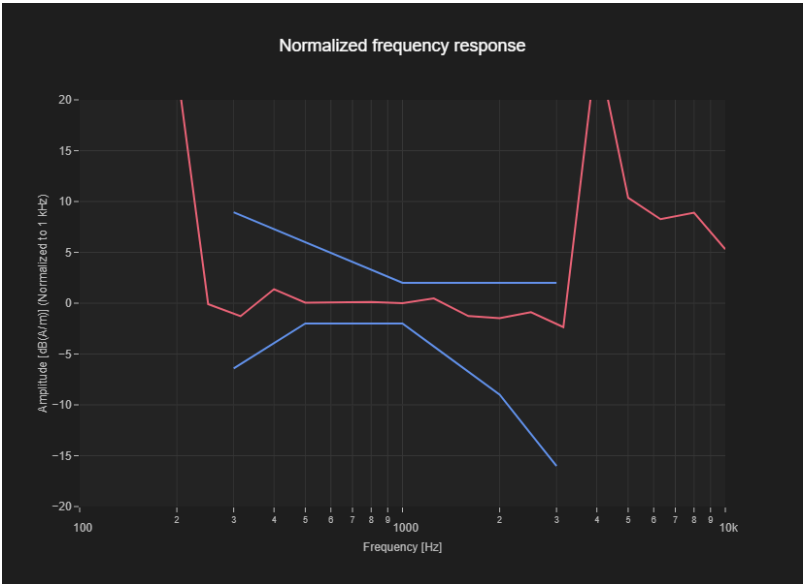
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n41	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	518598	2592.99

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	1.53	2.0



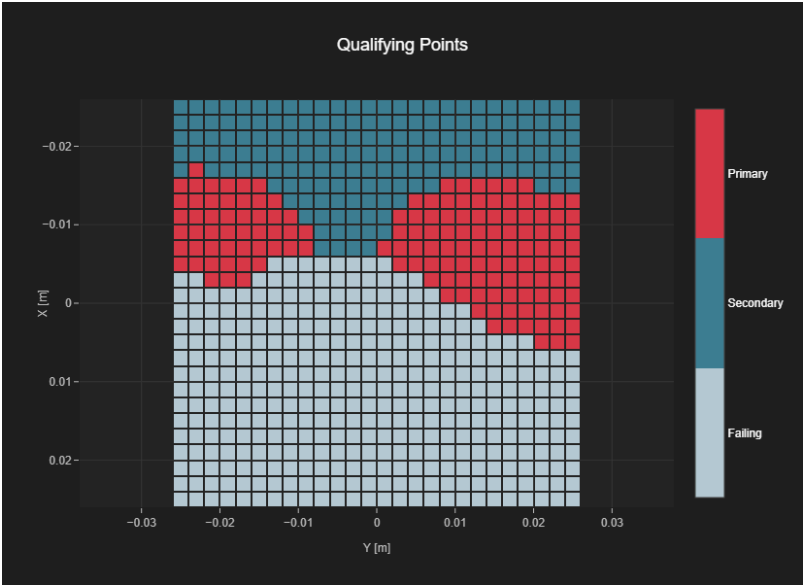
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
150	316	16	26



T-Coil Signal Test Report

Measurement performed on December 12, 2024 at 18:06

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 17, 2024	DAE4 Sn1468	August 15, 2024

Communication Systems

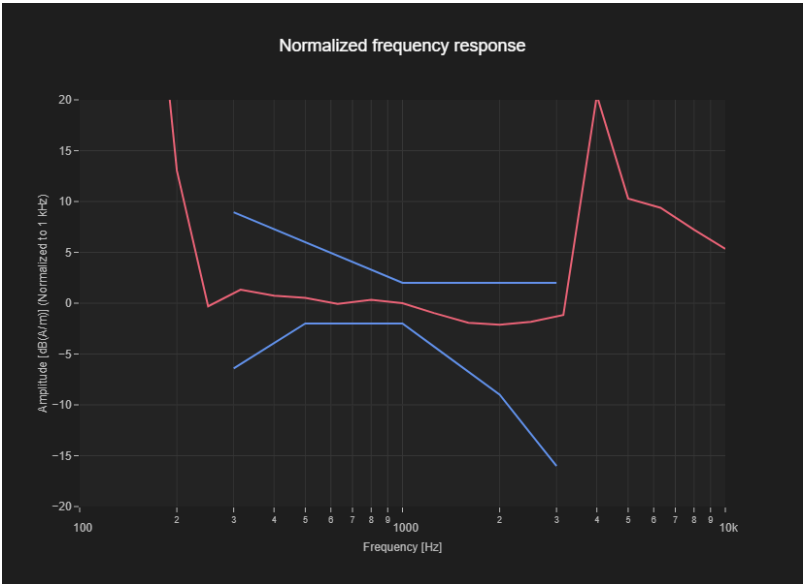
Band Name	Communication Systems Name	Channel	Frequency [MHz]
WLAN 2.4GHz	IEEE 802.11g WiFi 2.4 GHz (BPSK, 6 Mbps)	6	2437.0

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	1.94



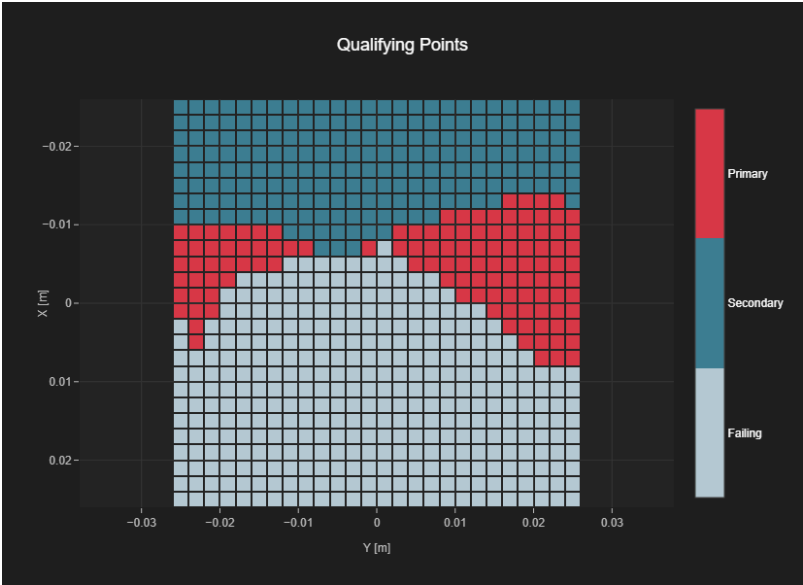
T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
119	324	17	26



T-Coil Signal Test Report

Measurement performed on December 13, 2024 at 18:24

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3140	September 17, 2024	DAE4 Sn1468	August 15, 2024

Communication Systems

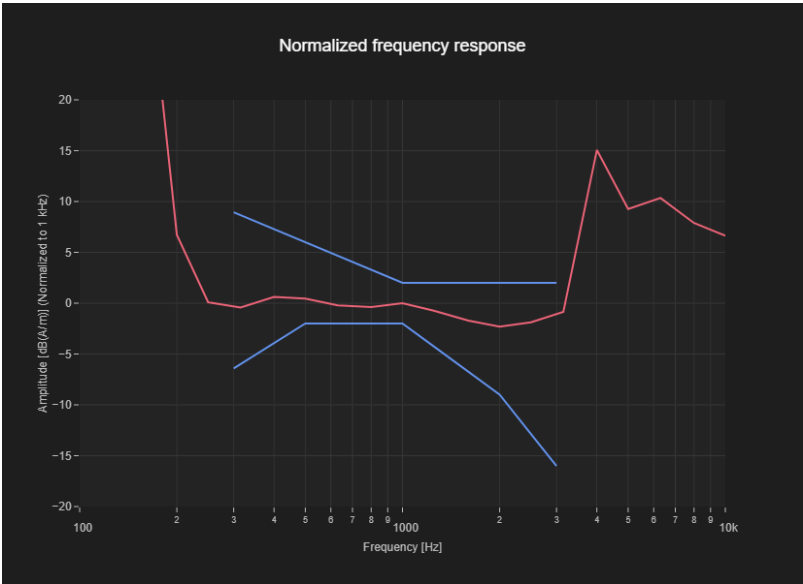
Band Name	Communication Systems Name	Channel	Frequency [MHz]
WLAN 5GHz	IEEE 802.11a/h WiFi 5 GHz (BPSK, 6 Mbps)	40	5200.0

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

Results

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	1.62



T-Coil Coupling Mode Test Report

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-A366U

Results

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
194	352	22	26

