# **Plot No.01 T-Coil Signal Test Report**

Measurement performed on July 20, 2024

### **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

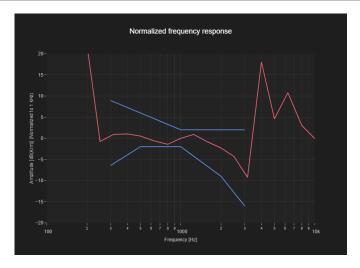
# **Communication Systems**

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

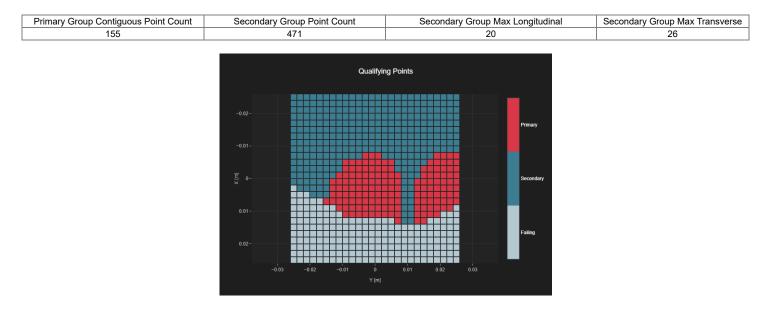
### **Grid Settings**

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

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.1	0.57



# Plot No.01 T-Coil Coupling Mode Test Report



# Plot No.02 T-Coil Signal Test Report

Measurement performed on July 23, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

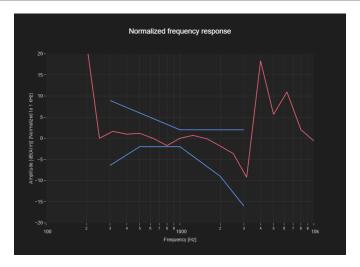
# **Communication Systems**

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

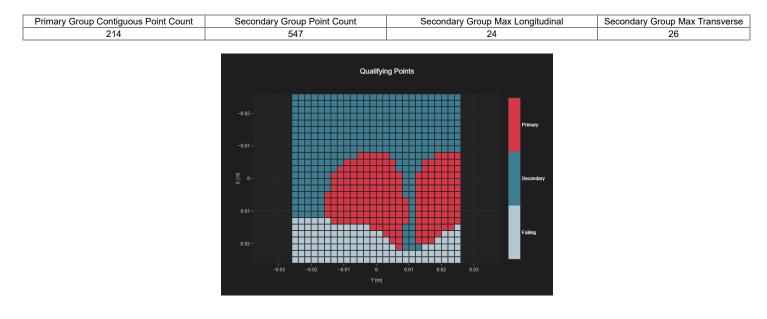
# **Grid Settings**

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

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.3	0.28



# Plot No.02 T-Coil Coupling Mode Test Report



# Plot No.03 T-Coil Signal Test Report

Measurement performed on July 23, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

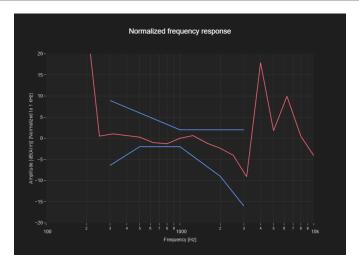
# **Communication Systems**

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

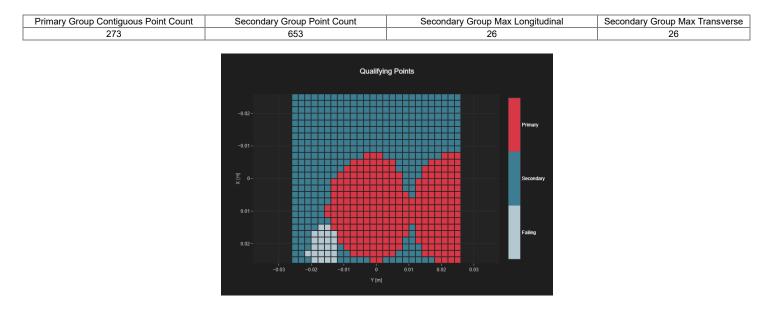
# **Grid Settings**

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

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.36	0.72



# Plot No.03 T-Coil Coupling Mode Test Report



# Plot No.04 T-Coil Signal Test Report

Measurement performed on July 23, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

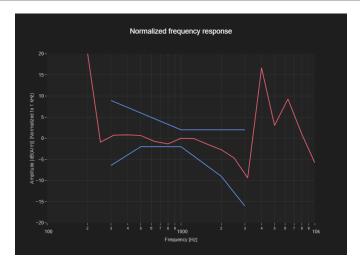
# **Communication Systems**

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

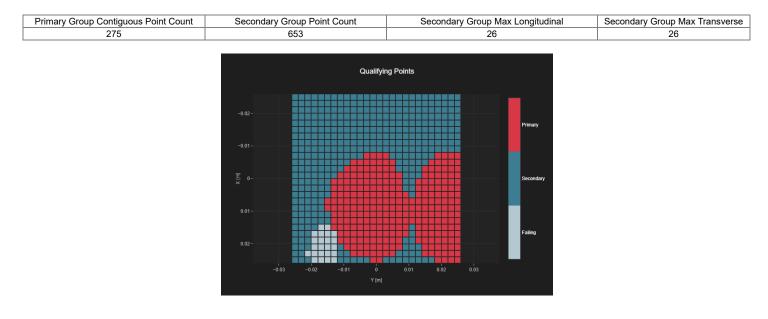
# **Grid Settings**

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

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	0.68



# Plot No.04 T-Coil Coupling Mode Test Report



# **Plot No.05 T-Coil Signal Test Report**

Measurement performed on July 21, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

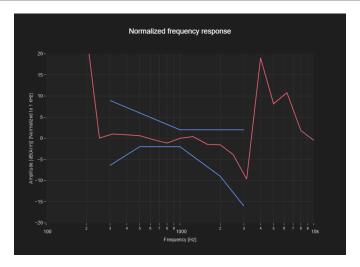
# **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 5	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

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.6	0.86



# Plot No.05 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
269	654	26	26
269		hying Points	26
	0.02- -0.03 -0.02 -0.01 O		

# **Plot No.06 T-Coil Signal Test Report**

Measurement performed on July 26, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

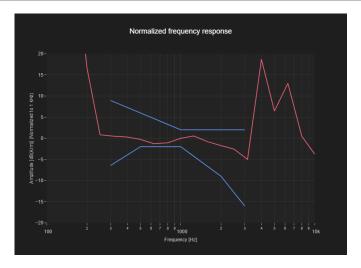
# **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 2	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	18900	1880.0

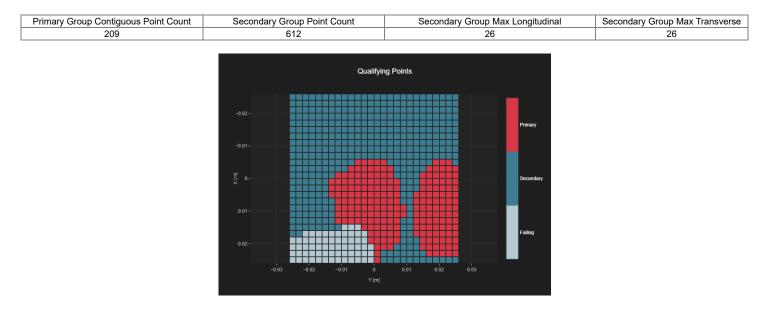
# **Grid Settings**

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	1.46	0.72



# Plot No.06 T-Coil Coupling Mode Test Report



# **Plot No.07 T-Coil Signal Test Report**

Measurement performed on July 23, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

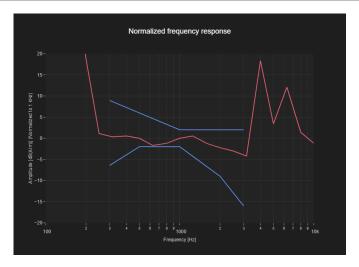
# **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 7	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

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.45	0.3



# Plot No.07 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
231	654	26	26
	-0.02-	alifying Points	
	-001- E 0-	Secondary	
	0.01-	Faling	
	-0.03 -0.02 -0.01	ů 0.01 0.02 0.03 Y (m)	

# **Plot No.08 T-Coil Signal Test Report**

Measurement performed on July 23, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

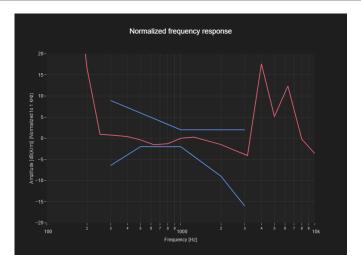
# **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 12	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	23095	707.5

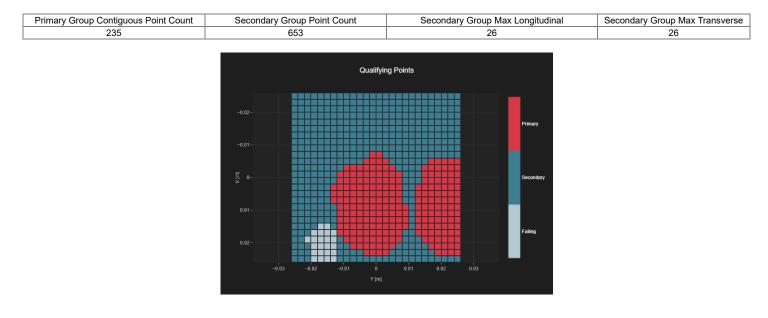
# **Grid Settings**

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	1.73	0.49



# Plot No.08 T-Coil Coupling Mode Test Report



# **Plot No.09 T-Coil Signal Test Report**

Measurement performed on July 23, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

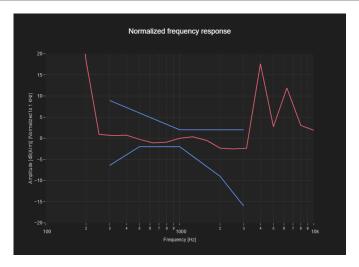
# **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 13	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	23230	782.0

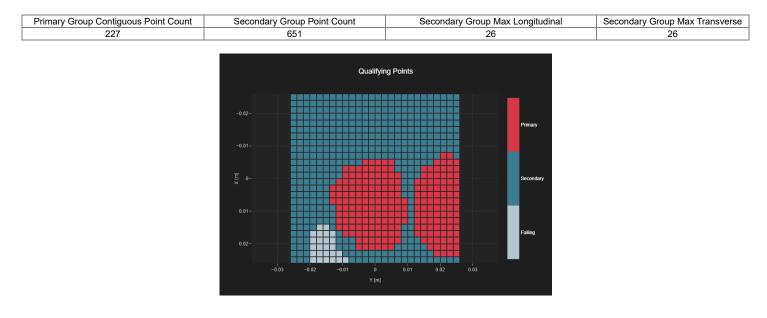
# **Grid Settings**

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	1.65	0.91



# Plot No.09 T-Coil Coupling Mode Test Report



# **Plot No.10 T-Coil Signal Test Report**

Measurement performed on July 23, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

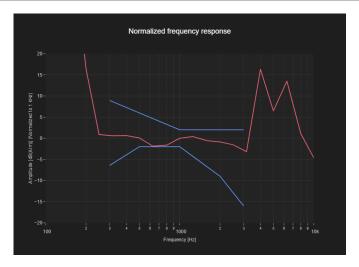
# **Communication Systems**

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

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.59	0.14



# Plot No.10 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
237	654	26	26
	654	26	
	0.02-		
	-0.03 -0.02 -0.01	ů 0.01 0.02 0.03 Y [m]	

# Plot No.11 T-Coil Signal Test Report

Measurement performed on July 24, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

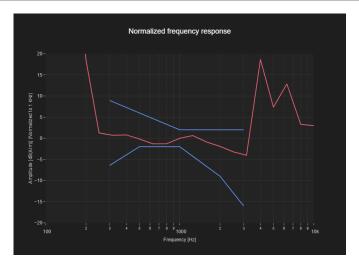
# **Communication Systems**

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

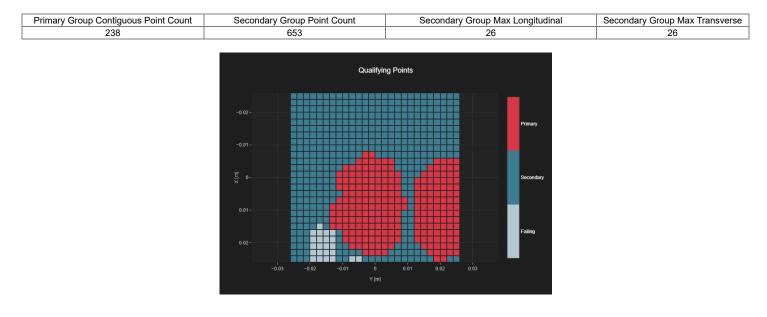
# **Grid Settings**

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

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.36	0.69



# Plot No.11 T-Coil Coupling Mode Test Report



# Plot No.12 T-Coil Signal Test Report

Measurement performed on July 23, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

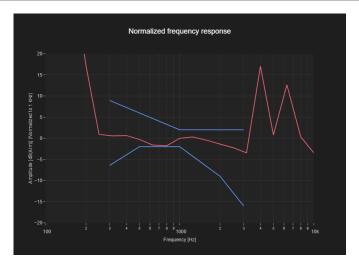
# **Communication Systems**

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

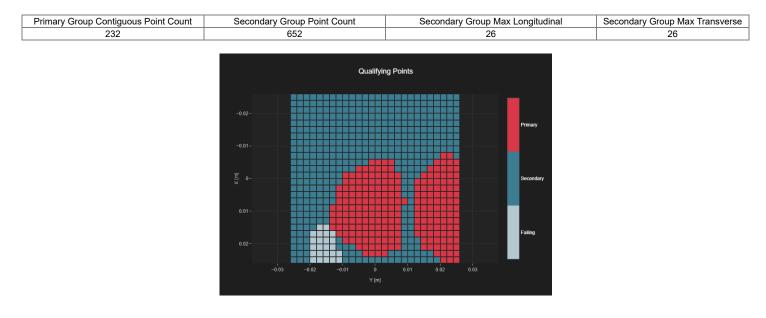
### **Grid Settings**

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

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.68	0.25



# Plot No.12 T-Coil Coupling Mode Test Report



# Plot No.13 T-Coil Signal Test Report

Measurement performed on July 24, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

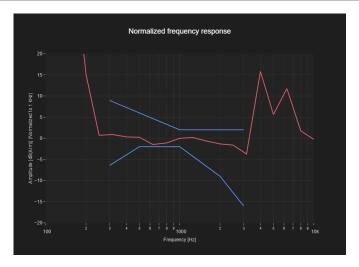
# **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 30	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	27710	2310.0

# **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	0.52



# Plot No.13 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transvers
231	652	26	26
	Qu	alifying Points	
	-0.02-	Prinary	
	-0.01-		
		Secondary	
	0.01-		
	0.02-	Failing	
	-0.03 -0.02 -0.01	່0 0.01 0.02 0.03 Υ[m]	

# **Plot No.14 T-Coil Signal Test Report**

Measurement performed on July 21, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

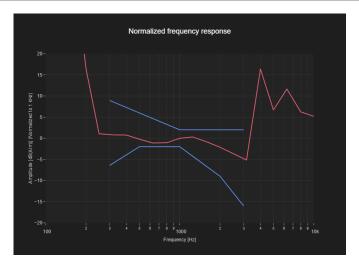
# **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 41	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	40620	2593.0

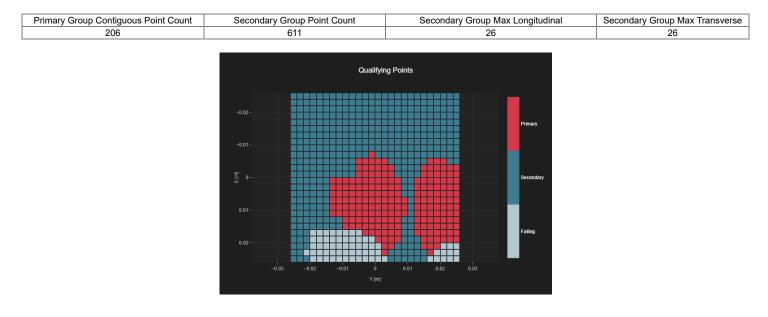
# **Grid Settings**

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

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.68	0.88



# Plot No.14 T-Coil Coupling Mode Test Report



# **Plot No.15 T-Coil Signal Test Report**

Measurement performed on July 21, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

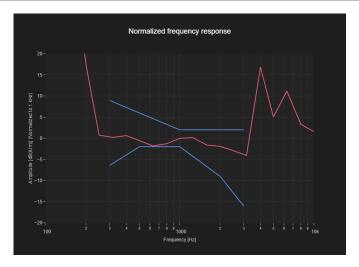
# **Communication Systems**

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

# **Grid Settings**

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

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.85	0.19



# Plot No.15 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
205	613	26	26
	Qu	alifying Points	
	-0.02-		
		Primary	
	-0.01-		
	토 0-	Secondary	
	0.01-		
		Failing	
	0.02-		
	-0.03 -0.02 -0.01	0 0.01 0.02 0.03	
		۲ (m)	

# Plot No.17 T-Coil Signal Test Report

Measurement performed on July 27, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

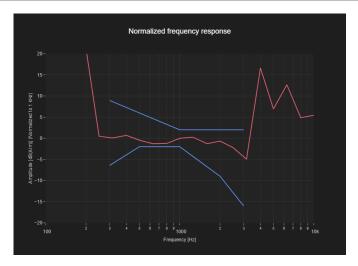
# **Communication Systems**

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

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.73	0.71



# Plot No.17 T-Coil Coupling Mode Test Report



# **Plot No.18 T-Coil Signal Test Report**

Measurement performed on July 23, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

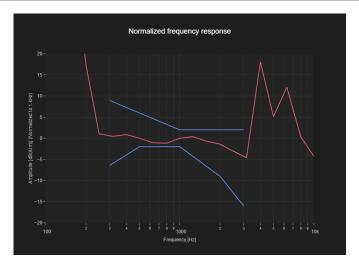
# **Communication Systems**

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	1.63	0.84



# 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
238	654	26	26
	Qua	lifying Points	
	-0.02-	Pinary	
	-0.01-		
	E 0-	Secondary	
	0.02-	Faling	
		0 001 002 003	

# **Plot No.19 T-Coil Signal Test Report**

Measurement performed on July 24, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

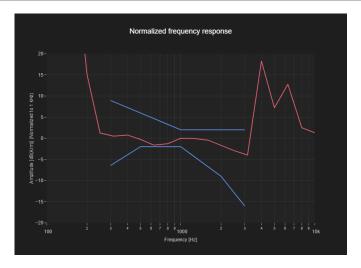
# **Communication Systems**

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

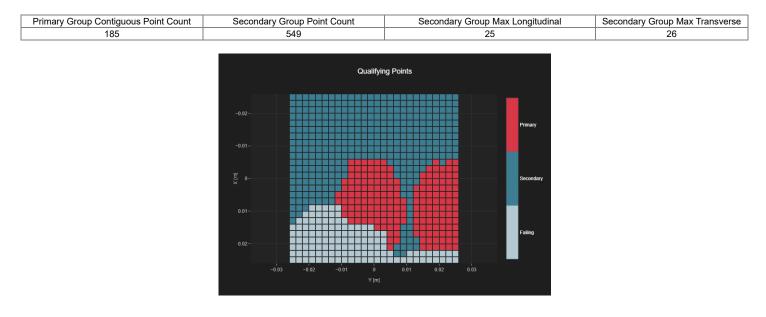
# **Grid Settings**

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

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	0.38



# Plot No.19 T-Coil Coupling Mode Test Report



# Plot No.20 T-Coil Signal Test Report

Measurement performed on July 24, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

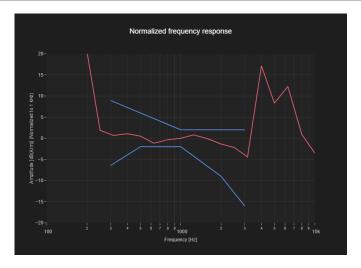
# **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n12	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, BPSK, 15 kHz)	141500	707.5

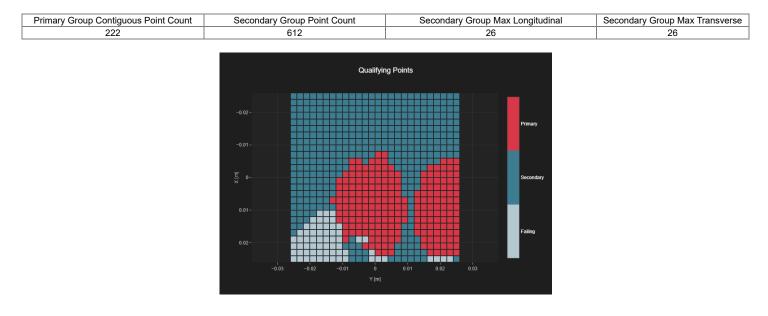
# **Grid Settings**

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	1.18	0.84



# Plot No.20 T-Coil Coupling Mode Test Report



# **Plot No.21 T-Coil Signal Test Report**

Measurement performed on July 24, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

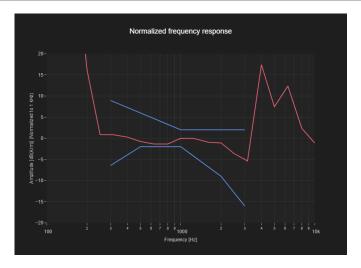
# **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n14	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, BPSK, 15 kHz)	158600	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

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	0.64



# Plot No.21 T-Coil Coupling Mode Test Report



# Plot No.22 T-Coil Signal Test Report

Measurement performed on July 24, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

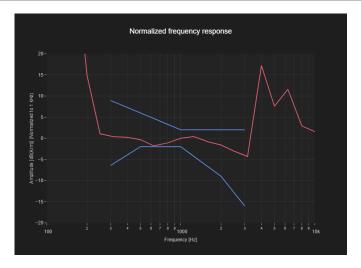
# **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n25	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, BPSK, 15 kHz)	376500	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

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.6	0.21



# Plot No.22 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
202	573	26	26
1	·		·
	Quali	ying Points	
	Quali	ying Folints	
	-0.02-		
		Primary	
	-0.01 -		
	<u>ت</u> و-	Secondary	
	× ×	Contrary	
	0.01 -		
		Failing	
	0.02-		
	-0.03 -0.02 -0.01 0	0.01 0.02 0.03	
	ΥĮ	n]	

# Plot No.23 T-Coil Signal Test Report

Measurement performed on July 24, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

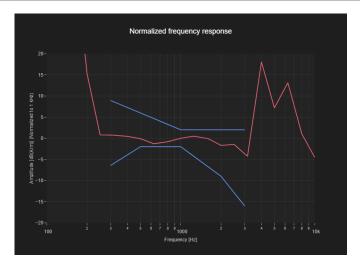
# **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n26	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, BPSK, 15 kHz)	166300	831.5

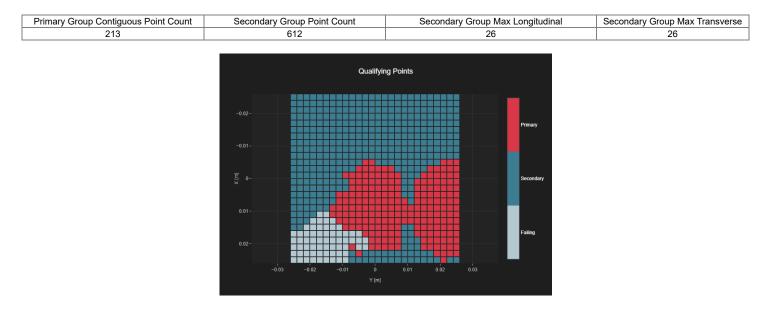
# **Grid Settings**

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

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.5	0.7



# Plot No.23 T-Coil Coupling Mode Test Report



# **Plot No.24 T-Coil Signal Test Report**

Measurement performed on July 24, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

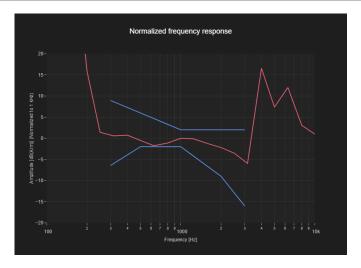
# **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n30	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, BPSK, 15 kHz)	462000	2310.0

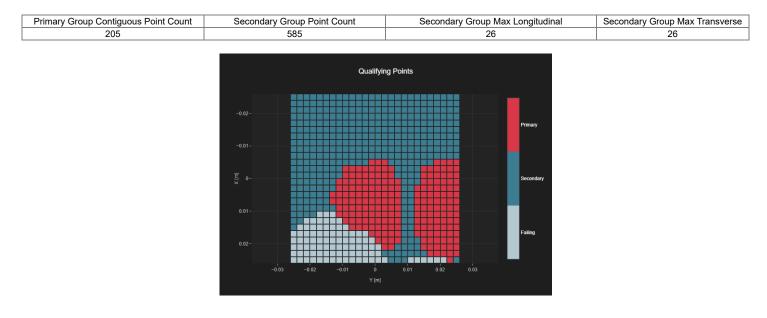
# **Grid Settings**

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	0.24



# Plot No.24 T-Coil Coupling Mode Test Report



# **Plot No.25 T-Coil Signal Test Report**

Measurement performed on July 22, 2024

### **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

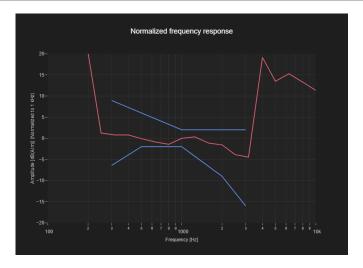
# **Communication Systems**

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

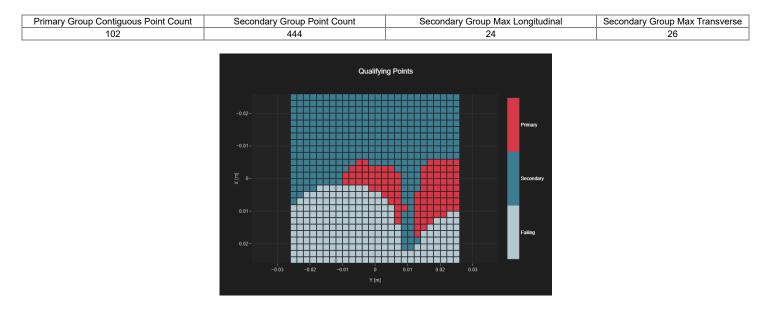
### **Grid Settings**

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

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.67	0.57



# Plot No.25 T-Coil Coupling Mode Test Report



# **Plot No.26 T-Coil Signal Test Report**

Measurement performed on July 27, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

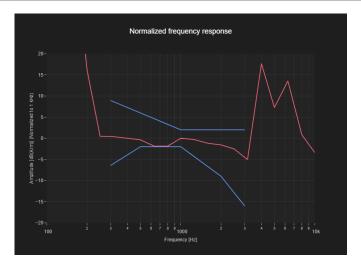
# **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n41	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, BPSK, 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

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	2.0	0.15



# Plot No.26 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
187	563	25	26
	·		·
	Qual	fying Points	
	Quai	lying Points	
	-0.02-		
		Primary	
	-0.01-		
	ε.		
	Ē 0-	Secondary	
	0.01-		
		Failing	
	0.02-		
	-0.03 -0.02 -0.01	0.01 0.02 0.03	
	Y	m]	

# Plot No.27 T-Coil Signal Test Report

Measurement performed on July 22, 2024

### **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

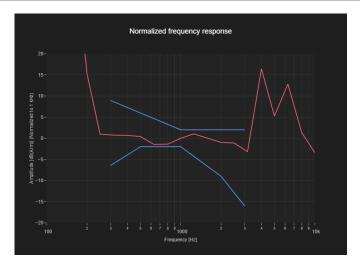
# **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n48	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, BPSK, 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	0.97	0.57



# Plot No.27 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
180	566	26	26
	Quality	ng Points	
	-0.02-	Primary	
	-0.01-		
		Secondary	
	0.02-	Faling	
	-0.03 -0.02 -0.01 0 Y (m)	001 002 003	

# **Plot No.28 T-Coil Signal Test Report**

Measurement performed on July 24, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

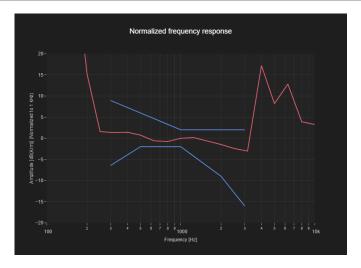
# **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n66	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, BPSK, 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

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.85	1.24



# Plot No.28 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
193	571	26	26
	Qu	alifying Points	
	-0.02-	Primary	
	-0.01- <u> </u>	Secondary	
	001-		
	0.02-	Fating	
	-0.03 -0.02 -0.01	ο 0.01 0.02 0.03 Y (m)	

# Plot No.29 T-Coil Signal Test Report

Measurement performed on July 24, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

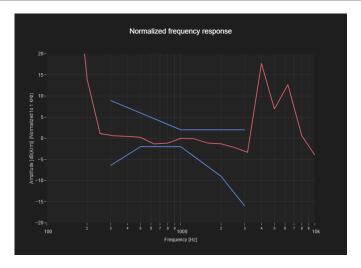
# **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n70	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, BPSK, 15 kHz)	340500	1702.5

# **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	0.68



# 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
199	590	26	26
	Qua	ifying Points	
	Qua	iying Folins	
	-0.02-		
		Primary	
	-0.01-		
	토 × 0-	Secondary	
	× ×		
	0.01-		
		Failing	
	0.02-		
	-0.03 -0.02 -0.01	0 0.01 0.02 0.03	
	Y	[m]	

# Plot No.30 T-Coil Signal Test Report

Measurement performed on July 24, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

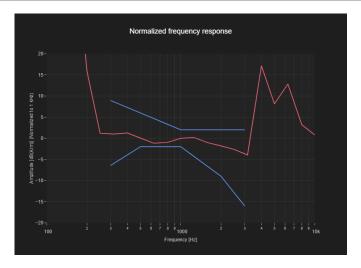
# **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n71	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, BPSK, 15 kHz)	136100	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	1.8	0.83



# Plot No.30 T-Coil Coupling Mode Test Report



# Plot No.31 T-Coil Signal Test Report

Measurement performed on August 01, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

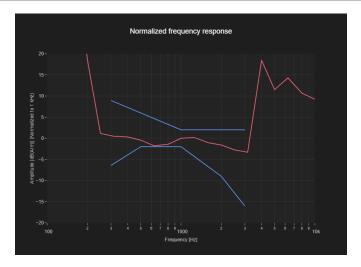
# **Communication Systems**

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

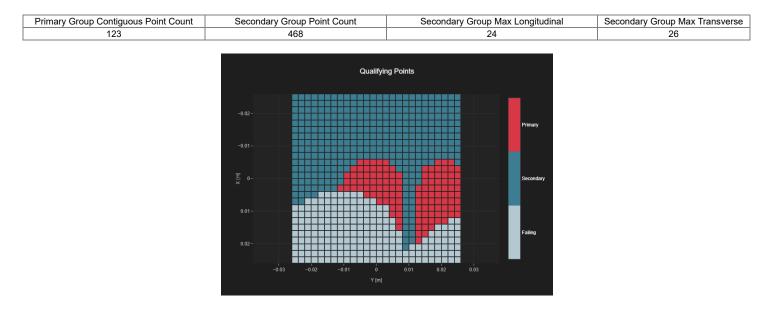
### **Grid Settings**

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	0.22



# Plot No.31 T-Coil Coupling Mode Test Report



# Plot No.32 T-Coil Signal Test Report

Measurement performed on July 27, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

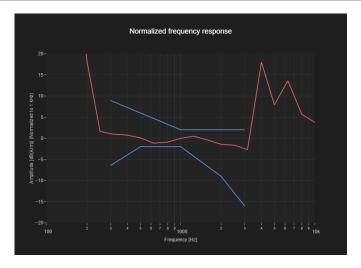
# **Communication Systems**

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

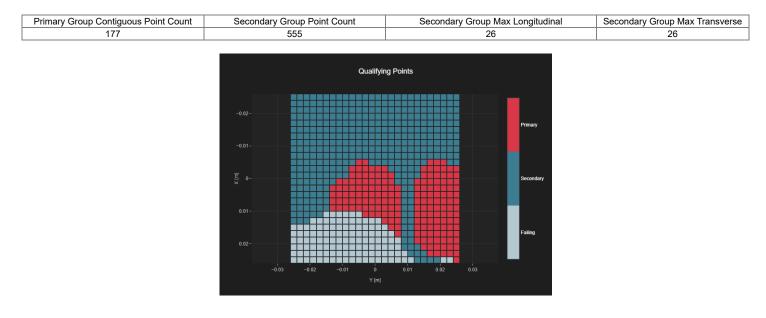
# **Grid Settings**

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	1.5	0.83



# Plot No.32 T-Coil Coupling Mode Test Report



# Plot No.33 T-Coil Signal Test Report

Measurement performed on July 26, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

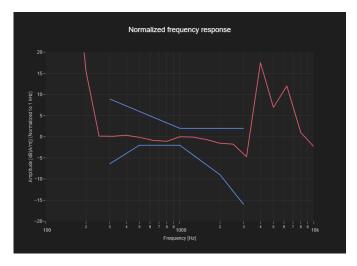
# **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	6	2437.0

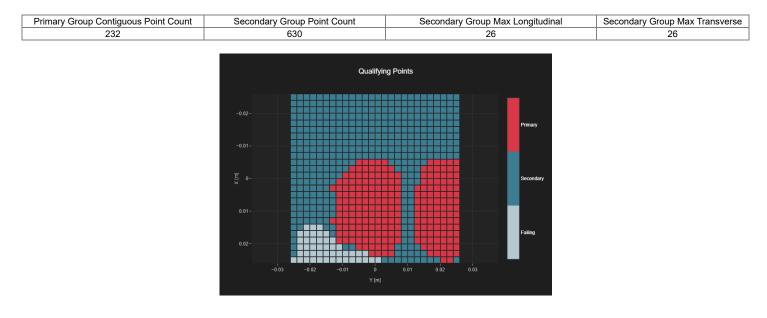
### **Grid Settings**

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	0.94



# Plot No.33 T-Coil Coupling Mode Test Report



# Plot No.34 T-Coil Signal Test Report

Measurement performed on July 31, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

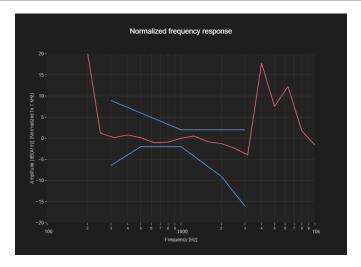
# **Communication Systems**

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

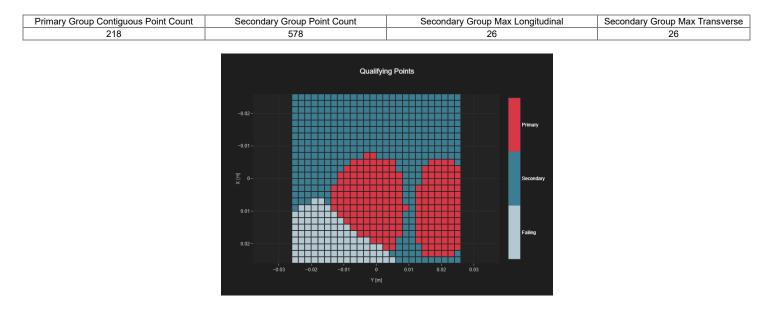
# **Grid Settings**

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	1.47	0.96



# Plot No.34 T-Coil Coupling Mode Test Report



# Plot No.35 T-Coil Signal Test Report

Measurement performed on July 26, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

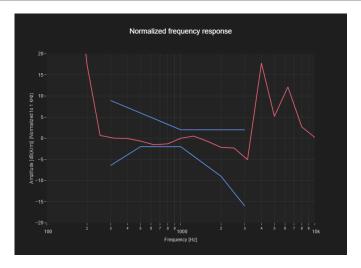
# **Communication Systems**

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

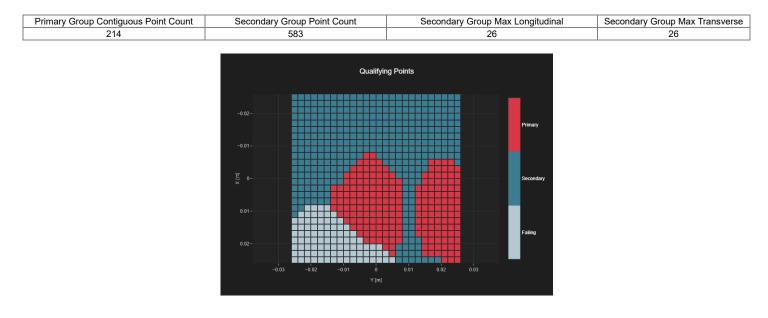
# **Grid Settings**

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	1.49	0.48



# Plot No.35 T-Coil Coupling Mode Test Report



# **Plot No.36 T-Coil Signal Test Report**

Measurement performed on July 26, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

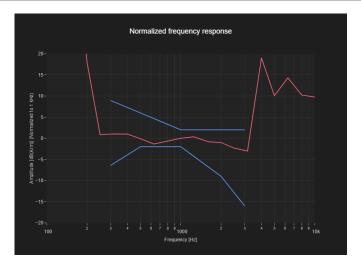
# **Communication Systems**

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

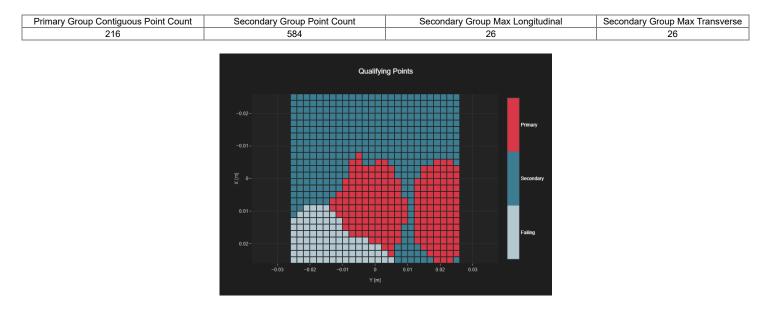
# **Grid Settings**

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	1.65	0.65



# Plot No.36 T-Coil Coupling Mode Test Report



# Plot No.37 T-Coil Signal Test Report

Measurement performed on July 26, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

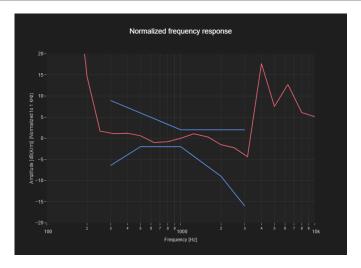
# **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
WLAN 5GHz	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	157	5785.0

# **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	0.94	1.0



# Plot No.37 T-Coil Coupling Mode Test Report



# **Plot No.38 T-Coil Signal Test Report**

Measurement performed on July 30, 2024

### **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

### Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

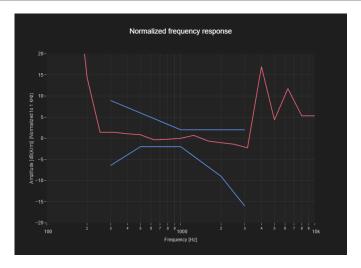
### **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
U-NII-4	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	173	5865.0

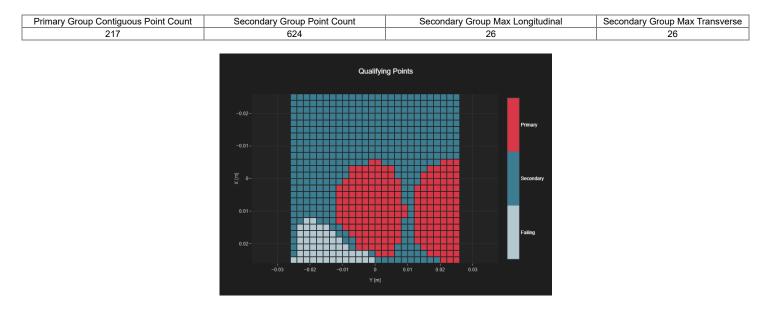
### **Grid Settings**

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	1.3	1.64



# Plot No.38 T-Coil Coupling Mode Test Report



# Plot No.39 T-Coil Signal Test Report

Measurement performed on July 31, 2024

### **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

### Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

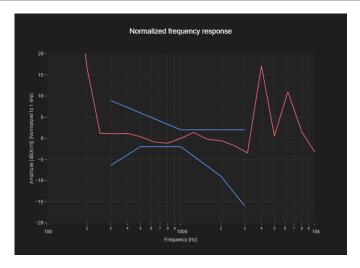
### **Communication Systems**

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

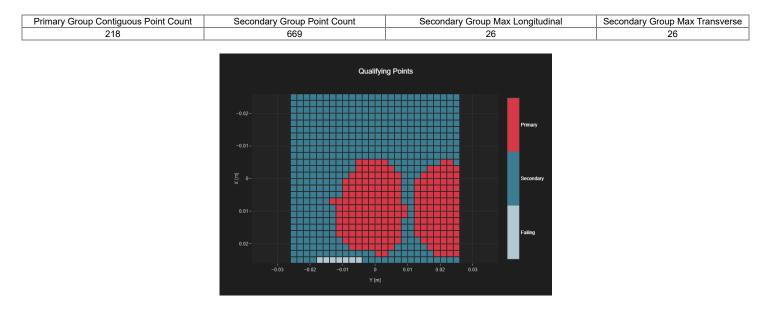
### **Grid Settings**

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	0.63	0.84



# Plot No.39 T-Coil Coupling Mode Test Report



# **Plot No.40 T-Coil Signal Test Report**

Measurement performed on July 30, 2024

### **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

### Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

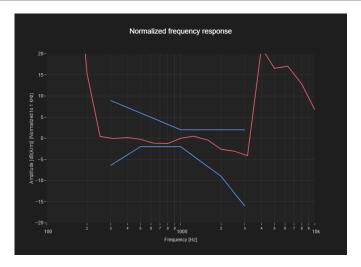
## **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
GSM 850	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	189	836.4

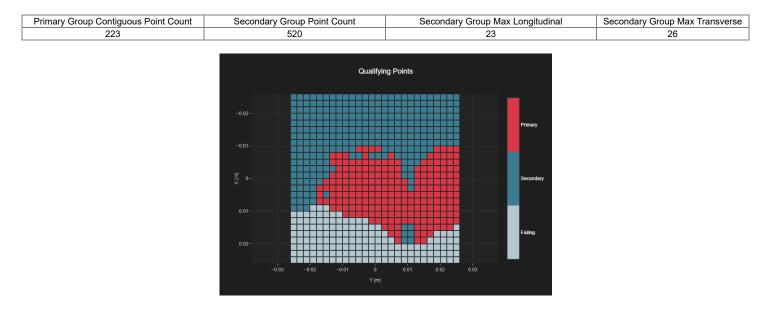
### **Grid Settings**

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	1.51	0.76



# Plot No.40 T-Coil Coupling Mode Test Report



# **Plot No.41 T-Coil Signal Test Report**

Measurement performed on July 30, 2024

### **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

### Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

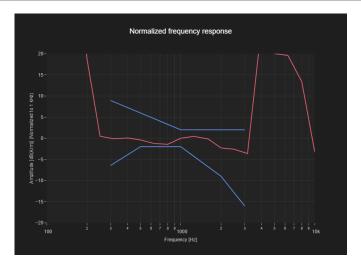
### **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
PCS 1900	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	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	1.54	0.57



# Plot No.41 T-Coil Coupling Mode Test Report



# Plot No.42 T-Coil Signal Test Report

Measurement performed on July 26, 2024

#### **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

### Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

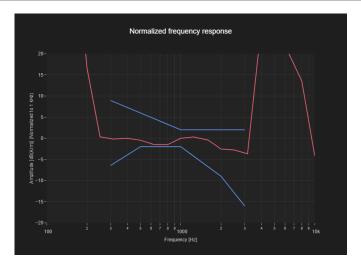
## **Communication Systems**

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

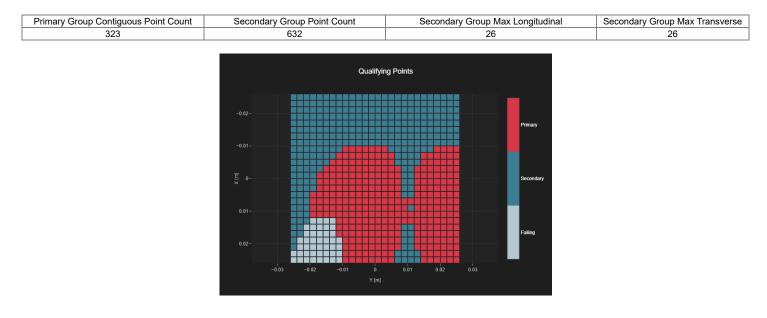
#### **Grid Settings**

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	1.69	0.52



# Plot No.42 T-Coil Coupling Mode Test Report



# Plot No.43 T-Coil Signal Test Report

Measurement performed on July 26, 2024

#### **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

### Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

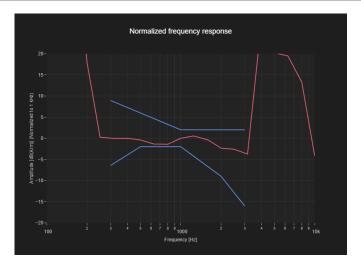
## **Communication Systems**

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

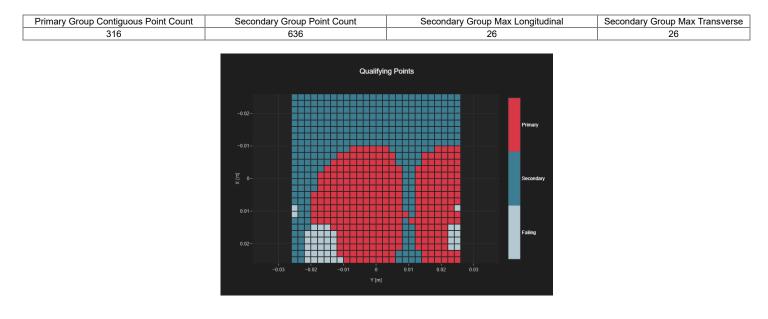
#### **Grid Settings**

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	1.45	0.59



# Plot No.43 T-Coil Coupling Mode Test Report



# Plot No.44 T-Coil Signal Test Report

Measurement performed on July 26, 2024

#### **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

### Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

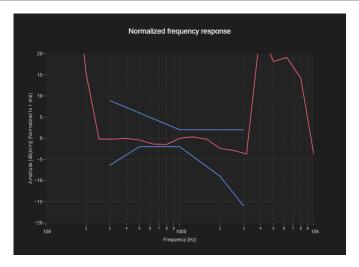
## **Communication Systems**

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

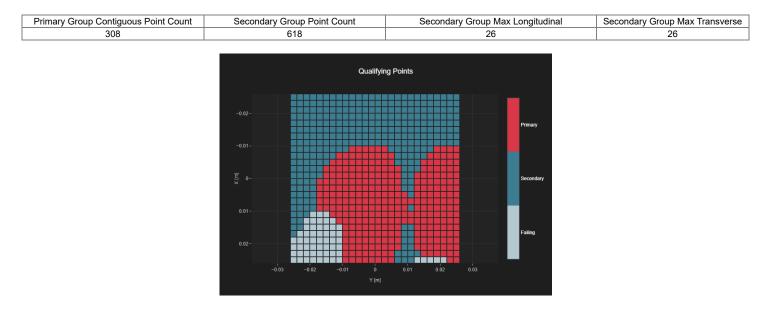
#### **Grid Settings**

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	1.63	0.55



# Plot No.44 T-Coil Coupling Mode Test Report



# Plot No.45 T-Coil Signal Test Report

Measurement performed on September 25, 2024

### **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

### Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

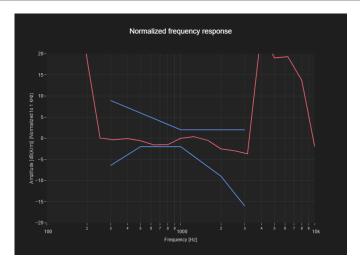
### **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 2	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	18900	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	1.61	0.44



# 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
307	626	26	26



# **Plot No.46 T-Coil Signal Test Report**

Measurement performed on July 26, 2024

#### **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

### Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

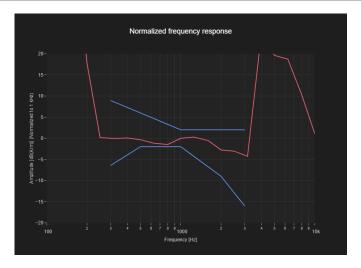
## **Communication Systems**

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

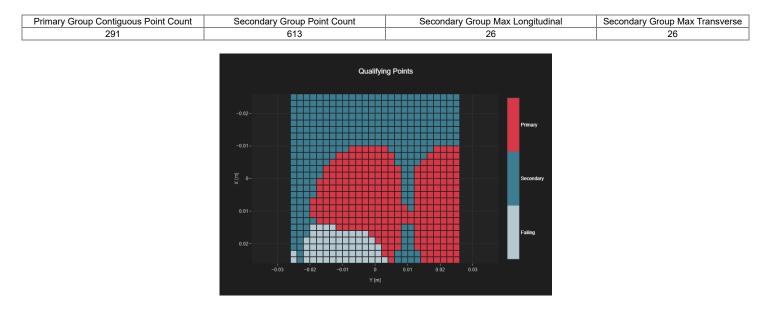
#### **Grid Settings**

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

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.71	0.53



# Plot No.46 T-Coil Coupling Mode Test Report



# Plot No.47 T-Coil Signal Test Report

Measurement performed on July 27, 2024

#### **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

### Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

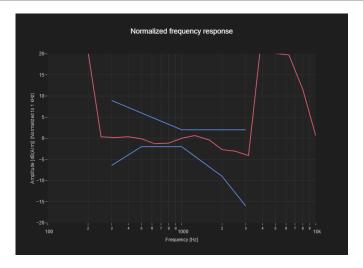
## **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n7	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, BPSK, 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

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.36	0.7



# Plot No.47 T-Coil Coupling Mode Test Report



# **Plot No.48 T-Coil Signal Test Report**

Measurement performed on September 25, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# **Hardware Setup**

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

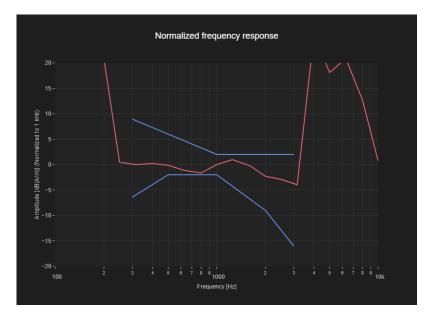
# **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n41	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, BPSK, 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

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300-3000_2s.wav	2.0	1.03	0.35



# Plot No.48 T-Coil Coupling Mode Test Report

Primary Group Contiguous Point Count	Secondary Group Point Count	Secondary Group Max Longitudinal	Secondary Group Max Transverse
158	454	25	26



# Plot No.49 T-Coil Signal Test Report

Measurement performed on July 23, 2024

### **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

### Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

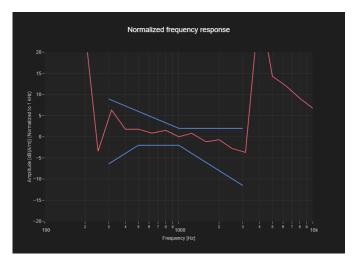
## **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	6	2437.0

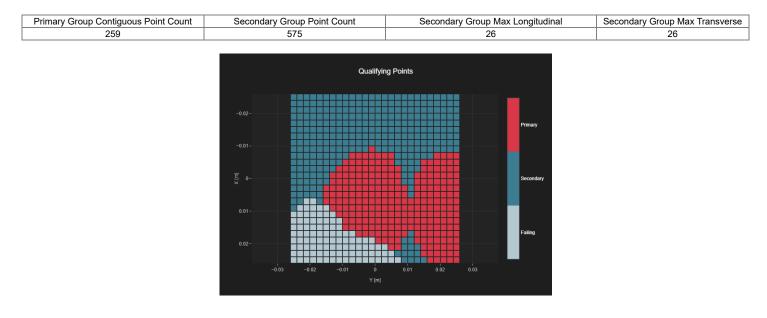
#### **Grid Settings**

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	1.18	2.0



# Plot No.49 T-Coil Coupling Mode Test Report



# **Plot No.50 T-Coil Signal Test Report**

Measurement performed on July 27, 2024

### **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

### Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3104	March 12, 2024	DAE4 Sn1647	December 27, 2023

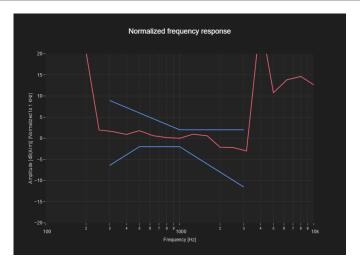
## **Communication Systems**

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	1.05	2.0



# Plot No.50 T-Coil Coupling Mode Test Report



# **Plot No.51 T-Coil Signal Test Report**

Measurement performed on October 14, 2024

# **Device Under Test**

Dimensions [mm]	Speaker Position [mm]
155.0 x 74.0 x 10.0	154.0

# **Hardware Setup**

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

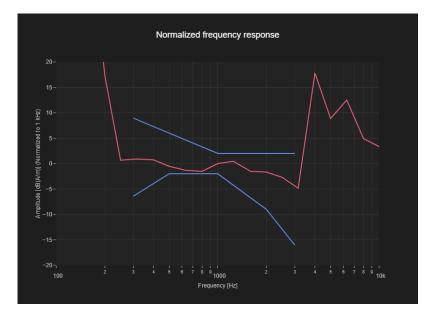
# **Communication Systems**

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 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	1.55	0.49



# **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
189	579	26	26

