T-Coil Signal Test Report: GSM-FDD (TDMA, GMSK)

Device Under Test

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

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3083	January 08, 2024	DAE4 Sn1352	November 15, 2023

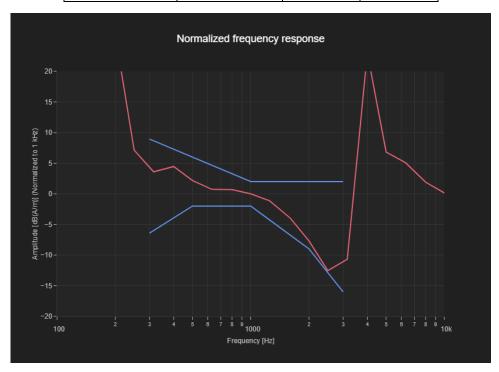
Communication Systems

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

Grid Settings

Extent X	Extent Y	Step X	Step Y	Distance
[mm]	[mm]	[mm]	[mm]	[mm]
52.0	52.0	6.0	6.0	

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300- 3000_2s.wav	2.0	2.0	0.33



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
142	501	26	26



T-Coil Signal Test Report: UMTS-FDD (WCDMA, AMR)

Device Under Test

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

Hardware Setup

Probe Name	Probe Calibration Date	DAE	Name	DAE Calibration Date
AM1DV3 - 3083	January 08, 2024	DA Sn1:		November 15, 2023

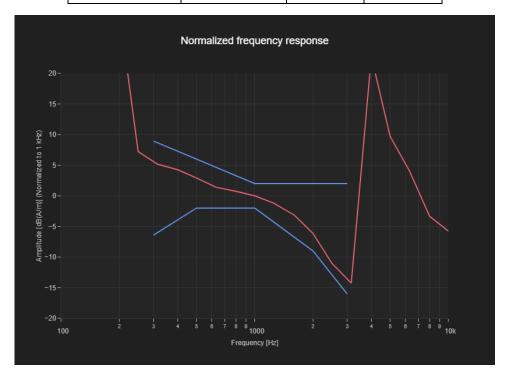
Communication Systems

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

Grid Settings

Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]		
52.0	52.0	6.0	6.0	10.0		

Audio File	Measurement Duration [s]	Margin Upper Bound [dB]	Margin Lower Bound [dB]
48k_voice_300- 3000_2s.wav	2.0	2.0	1.87



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
252	676	26	26



T-Coil Signal Test Report: EDGE-FDD (TDMA, 8PSK, TN 0-1)

Date/Time: July 27, 2024 at 06:10

Device Under Test

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

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3083	January 08, 2024	DAE4 Sn1352	November 15, 2023

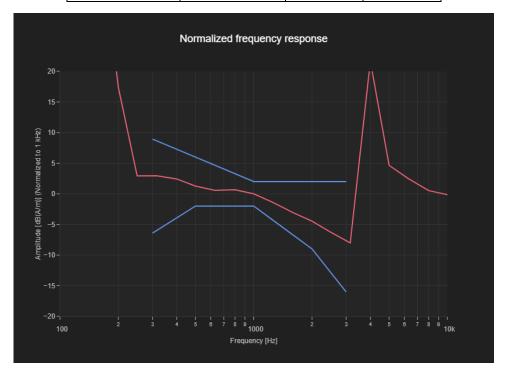
Communication Systems

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

Grid Settings

011010101010					
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]	
52.0	52.0	4.0	4.0	10.0	

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



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
183	661	26	26



T-Coil Signal Test Report: UMTS-FDD (HSPA+)

Device Under Test

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

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 -	January 08, 2024	DAE4	November 15,
3083		Sn1352	2023

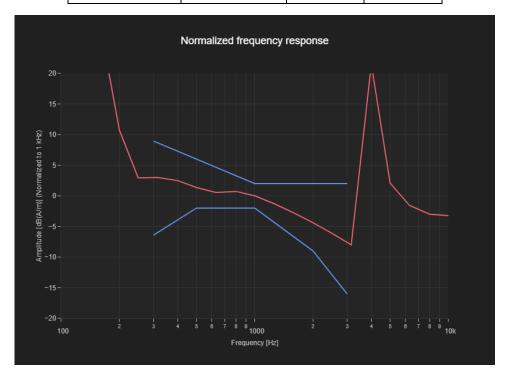
Communication Systems

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

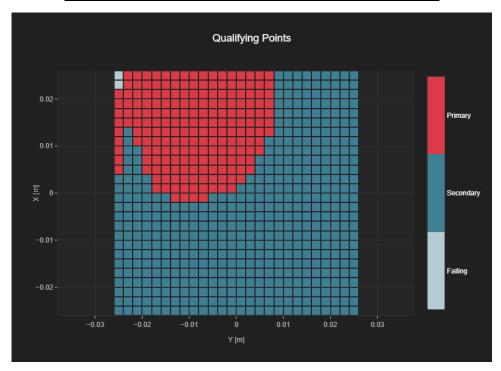
Grid Settings

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

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



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
194	674	26	



T-Coil Signal Test Report: UMTS-FDD (HSPA+)

Date/Time: July 27, 2024 at 08:31

Device Under Test

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

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3083	January 08, 2024	DAE4 Sn1352	November 15, 2023

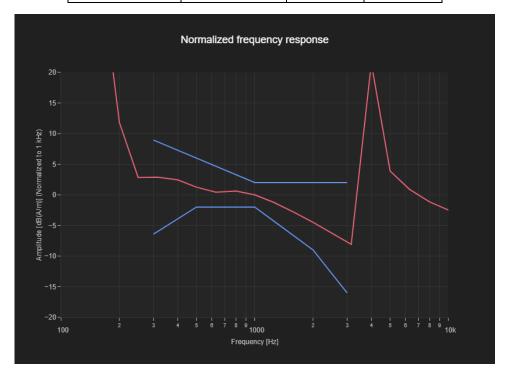
Communication Systems

		,	
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 5, UTRA/FDD	UMTS-FDD (HSPA+)	4183	836.6

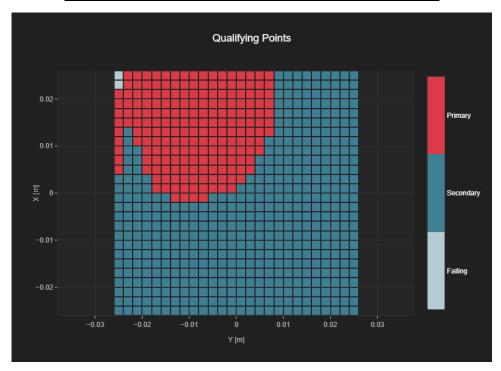
Grid Settings

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

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



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
194	674	26	26



T-Coil Signal Test Report: LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)

Date/Time: July 27, 2024 at 22:40

Device Under Test

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

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3083	January 08, 2024	DAE4 Sn1352	November 15, 2023

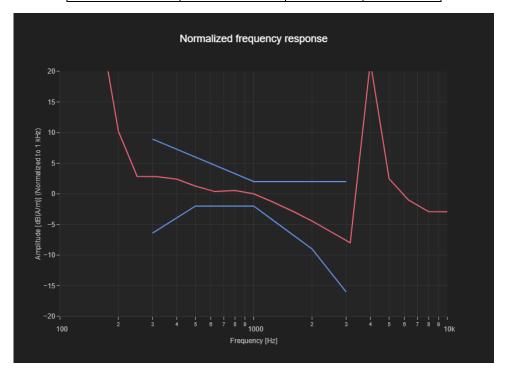
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]		
Band 7, E- UTRA/FDD	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	21100	2535.0		

Grid Settings

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

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



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
193	673	26	26



T-Coil Signal Test Report: LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)

Device Under Test

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

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3083	January 08, 2024	DAE4 Sn1352	November 15, 2023

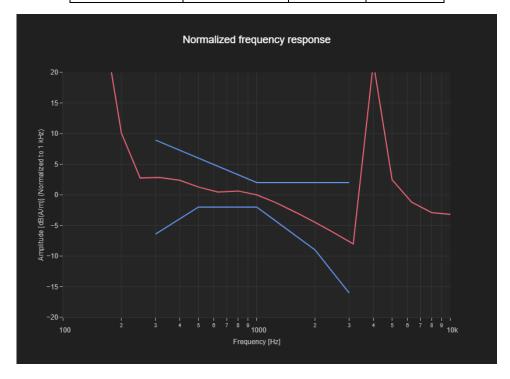
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]		
Band 12, E- UTRA/FDD	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	23095	707.5		

Grid Settings

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

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



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
192	673	26	26



T-Coil Signal Test Report: LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)

Device Under Test

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

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3083	January 08, 2024	DAE4 Sn1352	November 15, 2023

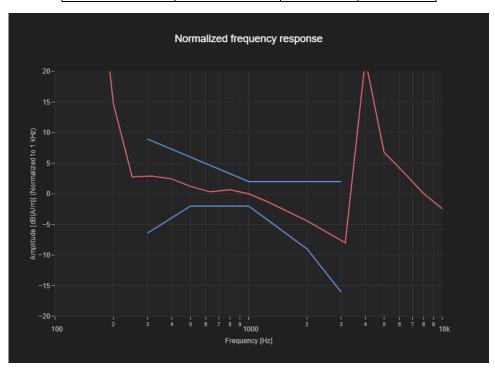
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 13, E- UTRA/FDD	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	23230	782.0

Grid Settings

2116. 22192						
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]		
52.0	52.0	4.0	4.0	10.0		

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



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
192	673	26	26



T-Coil Signal Test Report: LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)

Date/Time: July 27, 2024 at 23:05

Device Under Test

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

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 -	January 08, 2024	DAE4	November 15,
3083		Sn1352	2023

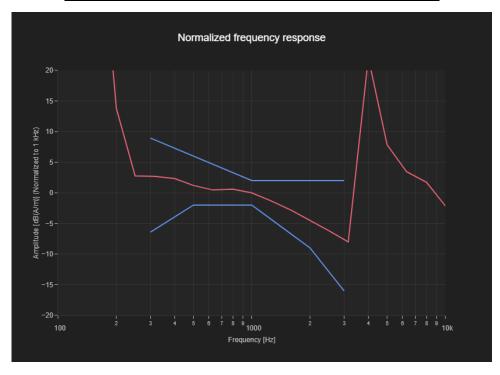
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 25, E- UTRA/FDD	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	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		

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



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
193	673	26	26



T-Coil Signal Test Report: LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)

Device Under Test

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

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3083	January 08, 2024	DAE4 Sn1352	November 15, 2023

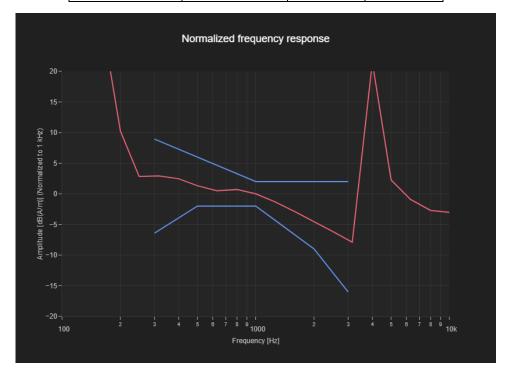
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 26 E- UTRA/FDD	LTE-FDD (SC-FDMA, 100% 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	2.0	2.0



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
192	673	26	26



T-Coil Signal Test Report: LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)

Date/Time: July 27, 2024 at 23:31

Device Under Test

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

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3083	January 08, 2024	DAE4 Sn1352	November 15, 2023

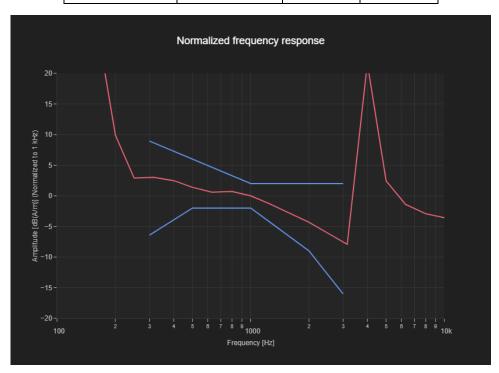
Communication Systems

	~ · · · · · · · · · · · · · · · · · · ·		
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 30, E- UTRA/FDD	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	27710	2310.0

Grid Settings

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

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



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
193	673	26	26



T-Coil Signal Test Report: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)

Device Under Test

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

Hardware Setup

- Haraware Cotap						
Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date			
AM1DV3 - 3083	January 08, 2024	DAE4 Sn1352	November 15, 2023			

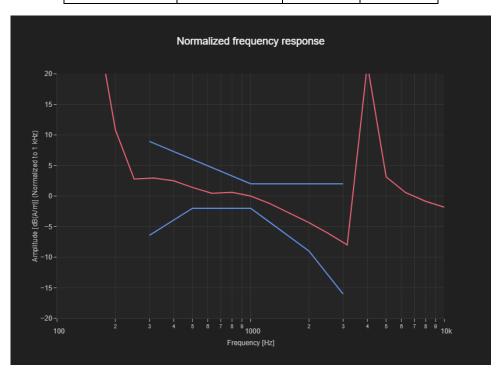
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 41 PC3, E- UTRA/TDD	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	40620	2593.0

Grid Settings

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

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



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
130	572	26	26



T-Coil Signal Test Report: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)

Device Under Test

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

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3083	January 08, 2024	DAE4 Sn1352	November 15, 2023

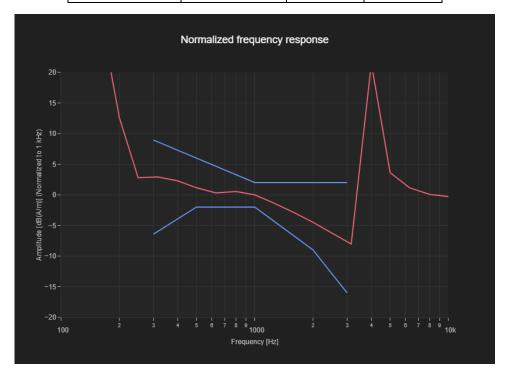
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]		
Band 41 PC2, E-UTRA/TDD	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	40620	2593.0		

Grid Settings

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

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



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
129	571	26	26



T-Coil Signal Test Report: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)

Device Under Test

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

Hardware Setup

Tial arrait o outup					
Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date		
AM1DV3 - 3083	January 08, 2024	DAE4 Sn1352	November 15, 2023		

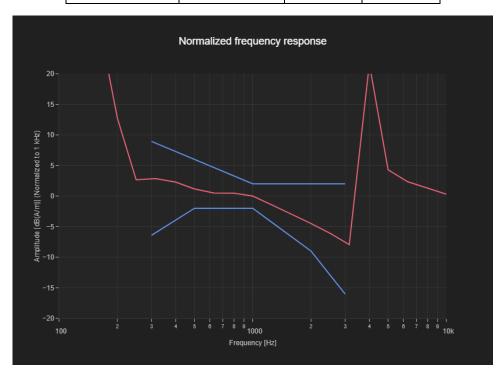
Communication Systems

,				
Band Name	Communication Systems Name	Channel	Frequency [MHz]	
Band 48 PC3, E- UTRA/TDD	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	55990	3625.0	

Grid Settings

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

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



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
131	572	26	26



T-Coil Signal Test Report: LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)

Device Under Test

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

Hardware Setup

	Halawait	Ootup		
Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date	
AM1DV3 - 3083	January 08, 2024	DAE4 Sn1352	November 15, 2023	

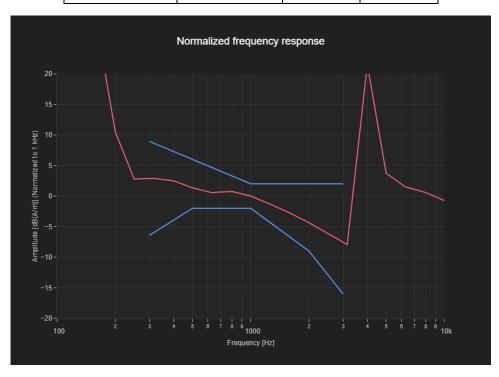
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band 53 PC3, E- UTRA/TDD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	60197	2489.2

Grid Settings

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

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



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
190	657	26	26



Date/Time: July 27, 2024 at 23:57

T-Coil Signal Test Report: LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)

Device Under Test

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

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3083	January 08, 2024	DAE4 Sn1352	November 15, 2023

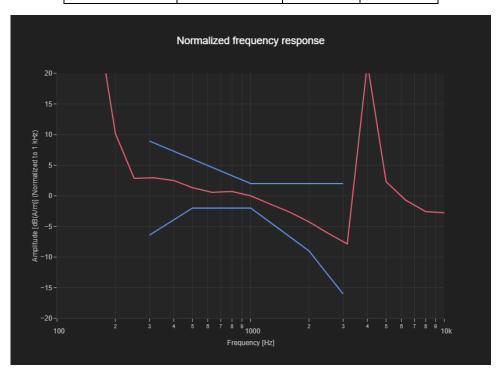
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]	
Band 66, E- UTRA/FDD	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	132322	1745.0	

Grid Settings

211di 20diii.g2				
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
52.0	52.0	4.0	4.0	10.0

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



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
193	673	26	



T-Coil Signal Test Report: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)

Device Under Test

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

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3083	January 08, 2024	DAE4 Sn1352	November 15, 2023

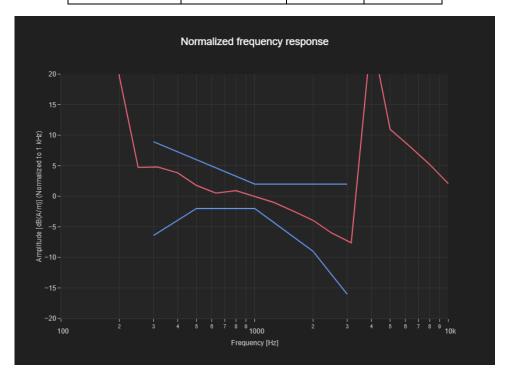
Communication Systems

		••••	
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n41 PC3	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	518598	2592.99

Grid Settings

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

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



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
124	557	23	26



T-Coil Signal Test Report: 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, π/2 BPSK, 15 kHz)

Device Under Test

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

Hardware Setup

Tial aware cotup					
	Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date	
	AM1DV3 - 3083	January 08, 2024	DAE4 Sn1352	November 15, 2023	

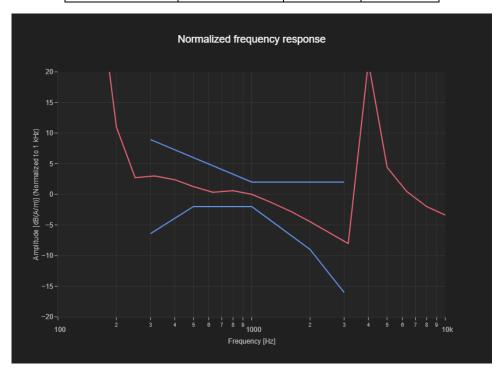
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n25	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, π/2 BPSK, 15 kHz)	376500	1882.5

Grid Settings

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

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



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
195	673	26	26



T-Coil Signal Test Report: 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, $\pi/2$ BPSK, 15 kHz)

Device Under Test

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

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3083	January 08, 2024	DAE4 Sn1352	November 15, 2023

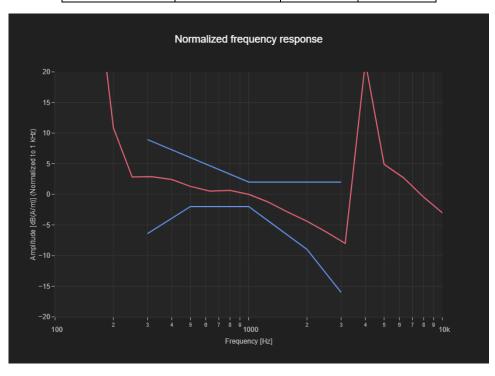
Communication Systems

Band	Communication Systems	Channel	Frequency
Name	Name		[MHz]
Band n26	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, π/2 BPSK, 15 kHz)	166300	831.5

Grid Settings

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

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



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
195	673	26	26



T-Coil Signal Test Report: 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, $\pi/2$ BPSK, 15 kHz)

Device Under Test

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

Hardware Setup

	Halawait	Ootup		
Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date	
AM1DV3 - 3083	January 08, 2024	DAE4 Sn1352	November 15, 2023	

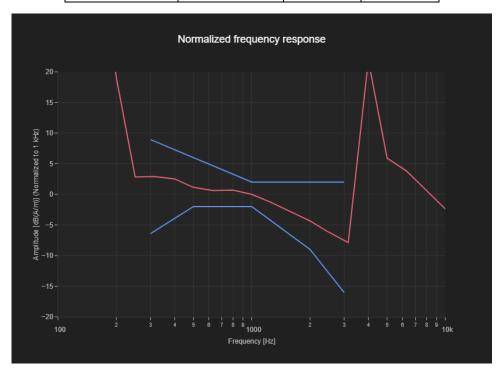
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n30	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, π/2 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_30 3000_2s.wa	2.0	2.0	2.0



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
195	673	26	26



T-Coil Signal Test Report: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)

Device Under Test

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

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 -	January 08, 2024	DAE4	November 15,
3083		Sn1352	2023

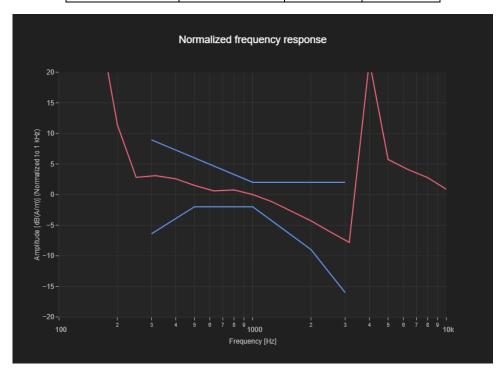
Communication Systems

		••••	
Band Name	Communication Systems Name	Channel	Frequency [MHz]
Band n41 PC2	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	518598	2592.99

Grid Settings

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

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



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
166	618	26	26



T-Coil Signal Test Report: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)

Device Under Test

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

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3083	January 08, 2024	DAE4 Sn1352	November 15, 2023

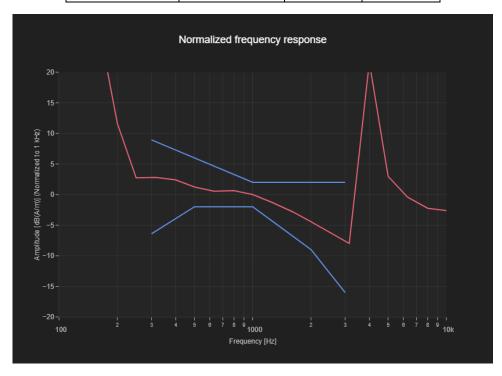
Communication Systems

Band	Communication Systems	Channel	Frequency
Name	Name		[MHz]
Band n77 PC3	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	633232	3498.48

Grid Settings

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

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



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
190	669	26	26



T-Coil Signal Test Report: IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)

Device Under Test

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

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3083	January 08, 2024	DAE4 Sn1352	November 15, 2023

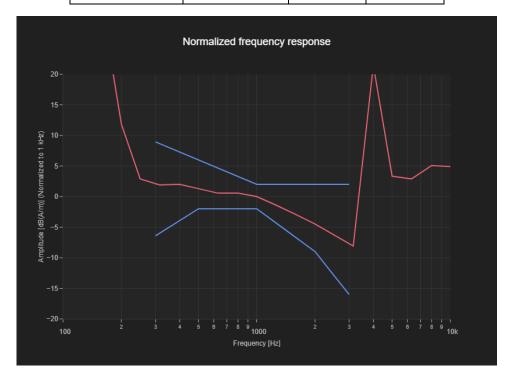
Communication Systems

Band	Communication Systems	Channel	Frequency
Name	Name		[MHz]
WLAN 2.4GHz	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)	6	2437.0

Grid Settings

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

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



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
191	668	26	26



Device Under Test

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

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 -	January 08, 2024	DAE4	November 15,
3083		Sn1352	2023

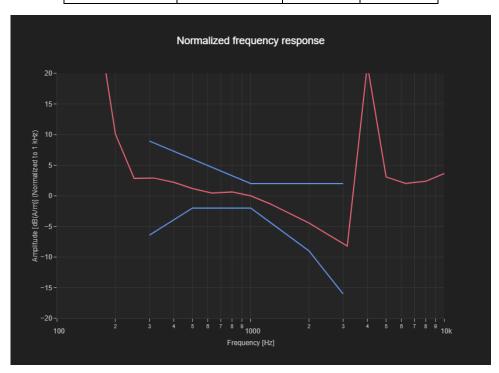
Communication Systems

	<u> </u>		
Band Name	Communication Systems Name	Channel	Frequency [MHz]
WLAN 5GHz	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle)	42	5210.0

Grid Settings

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

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



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
194	672	26	26



Device Under Test

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

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3083	January 08, 2024	DAE4 Sn1352	November 15, 2023

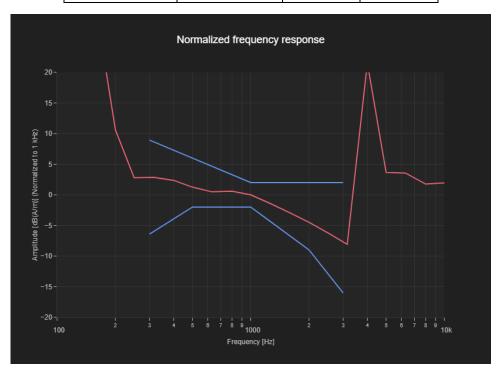
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
WLAN 5GHz	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle)	58	5290.0

Grid Settings

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

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



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
195	673	26	



Device Under Test

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

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3083	January 08, 2024	DAE4 Sn1352	November 15, 2023

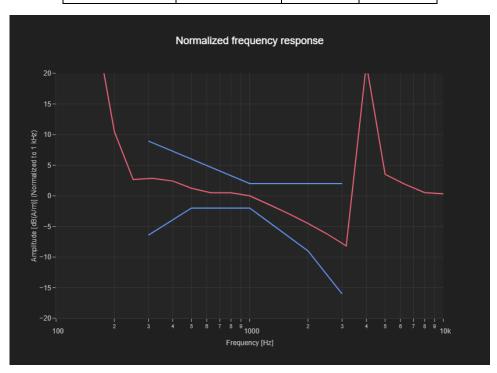
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
WLAN 5GHz	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle)	106	5530.0

Grid Settings

<u> </u>						
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]		
52.0	52.0	4.0	4.0	10.0		

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



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
195	673	26	26



Device Under Test

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

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 -	January 08, 2024	DAE4	November 15,
3083		Sn1352	2023

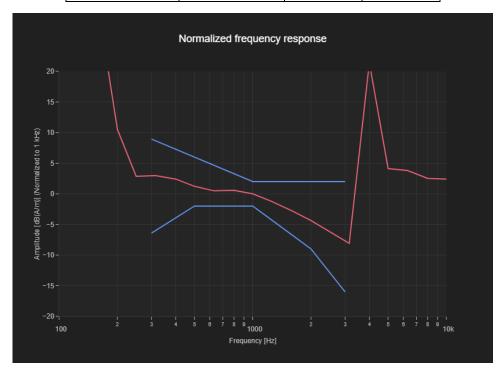
Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
WLAN 5GHz	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle)	155	5775.0

Grid Settings

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

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



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
192	671	26	26



Date/Time: July 29, 2024 at 15:21

Device Under Test

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

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
AM1DV3 - 3083	January 08, 2024	DAE4 Sn1352	November 15, 2023

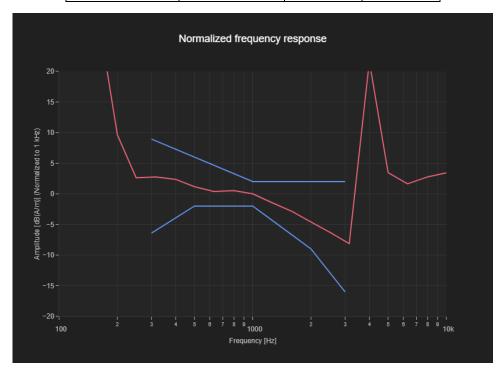
Communication Systems

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

Grid Settings

2114 224411g2					
Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]	
52.0	52.0	4.0	4.0	10.0	

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



Primary Group	Secondary	Secondary	Secondary
Contiguous	Group Point	Group Max	Group Max
Point Count	Count	Longitudinal	Transverse
194	672	26	26

