
Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band66_20_QPSK_1_0_AMR WB 23.85kbps_CH132322
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:09
Responsible Person	audio

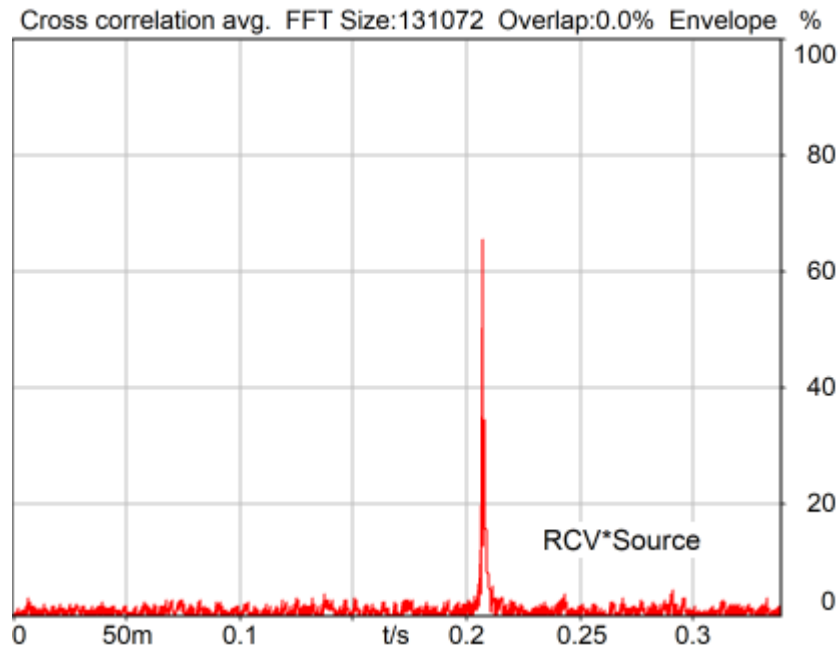
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	207.7	HUHAO_2403_LTE Band66_20_QPSK_1_0_AMR WB 23.85kbps_CH132322
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	22.15	HUHAO_2403_LTE Band66_20_QPSK_1_0_AMR WB 23.85kbps_CH132322
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.81	HUHAO_2403_LTE Band66_20_QPSK_1_0_AMR WB 23.85kbps_CH132322

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

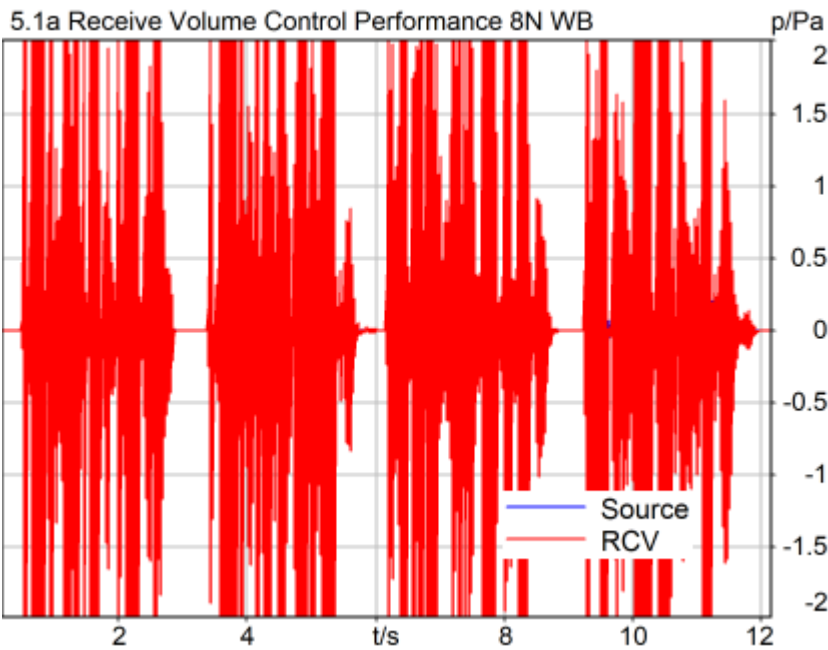


Channel	Delay
RCV*Source	207.7 ms

2025/2/5 14:56 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	92.15 dB[SPL]	84.11%	22.15 dB[SPL]	Ok

Ok

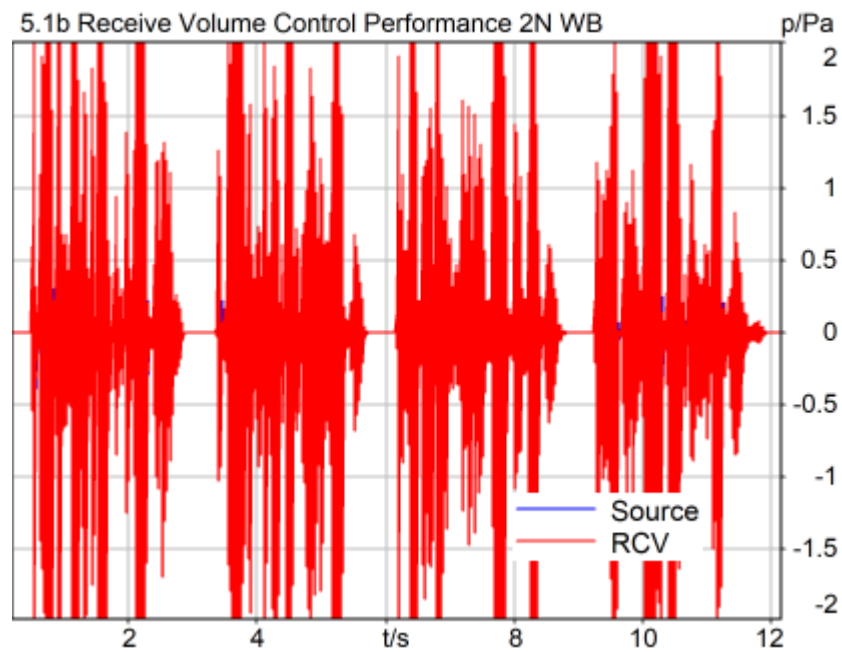
2025/2/5 14:56 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.81 dB[SPL]	84.22%	16.81 dB[SPL]	Ok

Ok

2025/2/5 14:57 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band66_20_QPSK_1_0_EVS NB 5.9kbps_CH132322
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:10
Responsible Person	audio

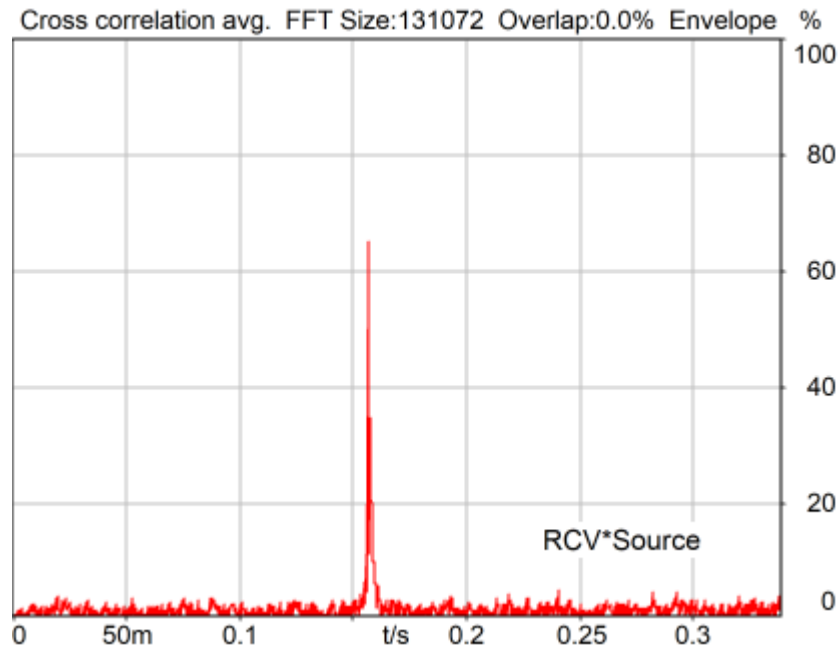
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	157.5	HUHAO_2403_LTE Band66_20_QPSK_1_0_EVS NB 5.9kbps_CH132322
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	21.61	HUHAO_2403_LTE Band66_20_QPSK_1_0_EVS NB 5.9kbps_CH132322
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	16.42	HUHAO_2403_LTE Band66_20_QPSK_1_0_EVS NB 5.9kbps_CH132322

Overall Receive Delay NB	4
5.1a Receive Volume Control Performance 8N NB	4
5.1b Receive Volume Control Performance 2N NB	5

Overall Receive Delay NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ Preparation - Delay measurement

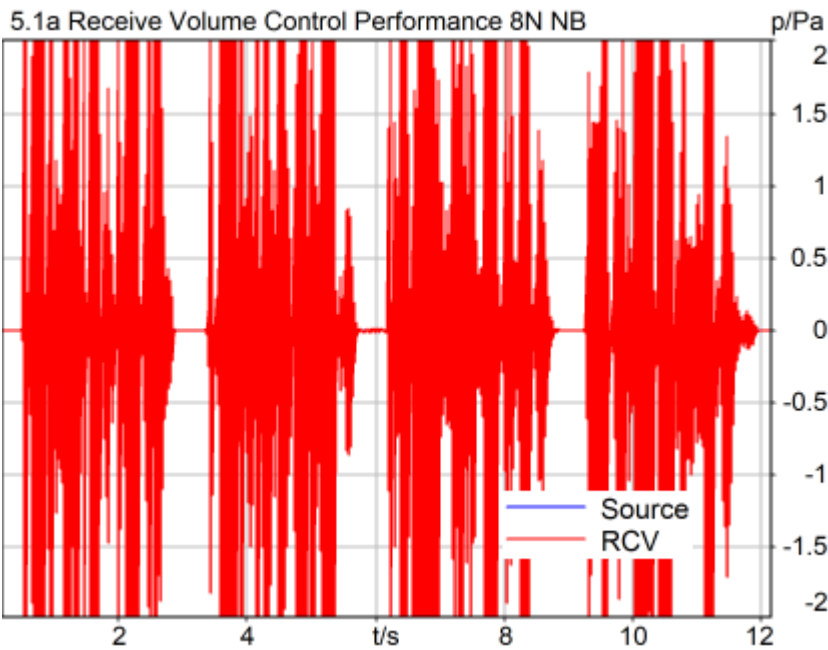


Channel	Delay
RCV*Source	157.5 ms

2025/2/5 14:39 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	91.61 dB[SPL]	84.28%	21.61 dB[SPL]	Ok

Ok

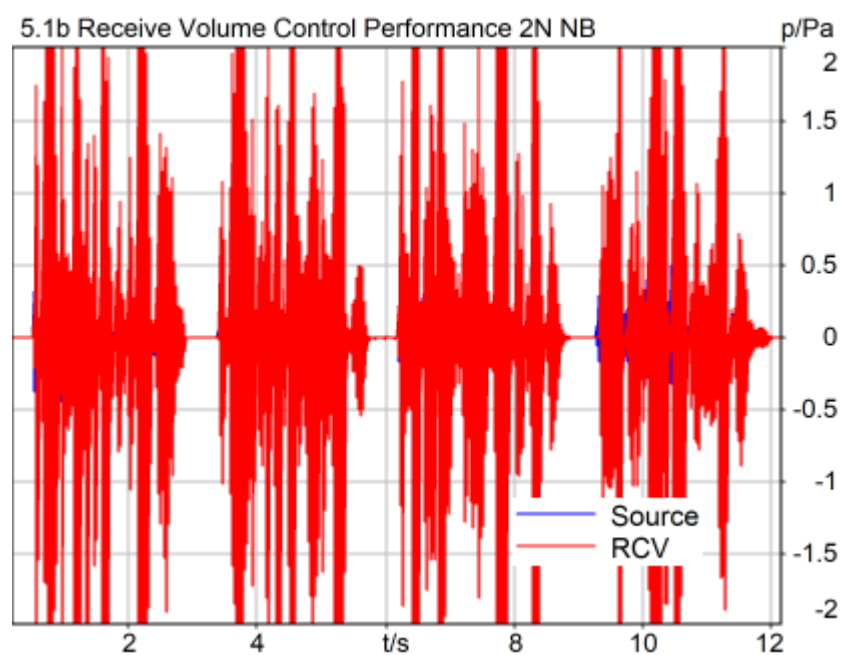
2025/2/5 14:39 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.42 dB[SPL]	84.26%	16.42 dB[SPL]	Ok

Ok

2025/2/5 14:38 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band66_20_QPSK_1_0_EVS SWB 9.6kbps_CH132322
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:11
Responsible Person	audio

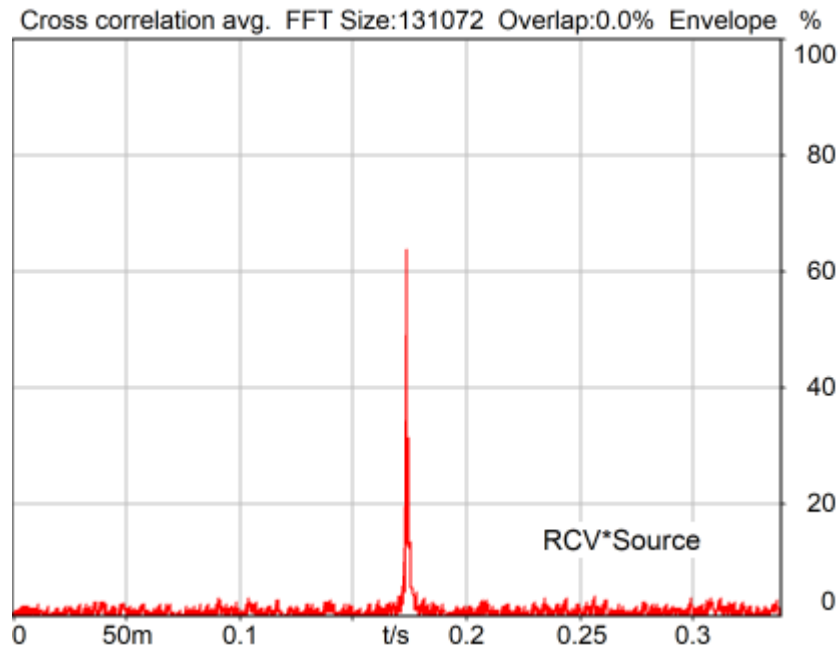
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	173.7	HUHAO_2403_LTE Band66_20_QPSK_1_0_EVS SWB 9.6kbps_CH132322
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.92	HUHAO_2403_LTE Band66_20_QPSK_1_0_EVS SWB 9.6kbps_CH132322
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.92	HUHAO_2403_LTE Band66_20_QPSK_1_0_EVS SWB 9.6kbps_CH132322

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

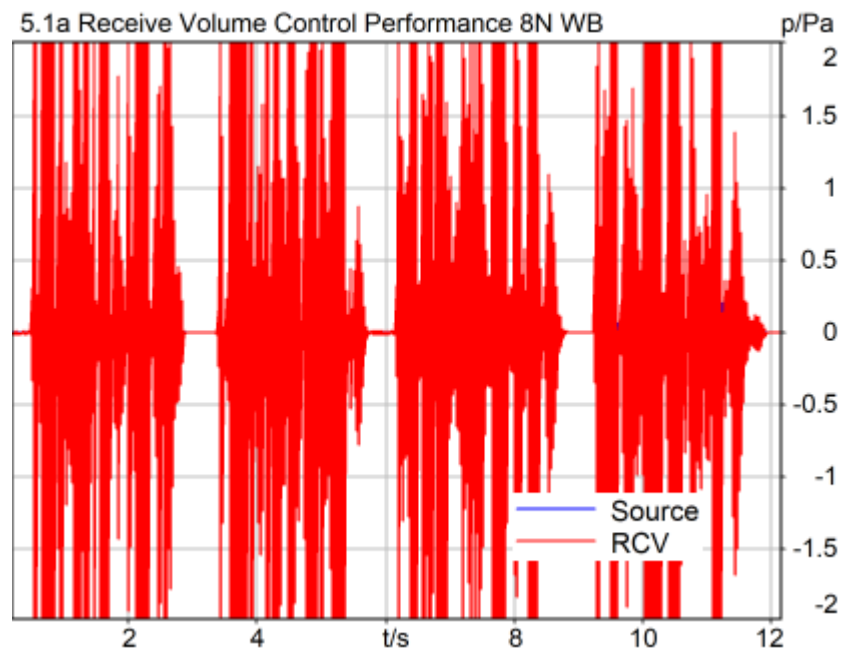


Channel	Delay
RCV*Source	173.7 ms

2025/3/19 15:17 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	91.92 dB[SPL]	84.09%	21.92 dB[SPL]	Ok

Ok

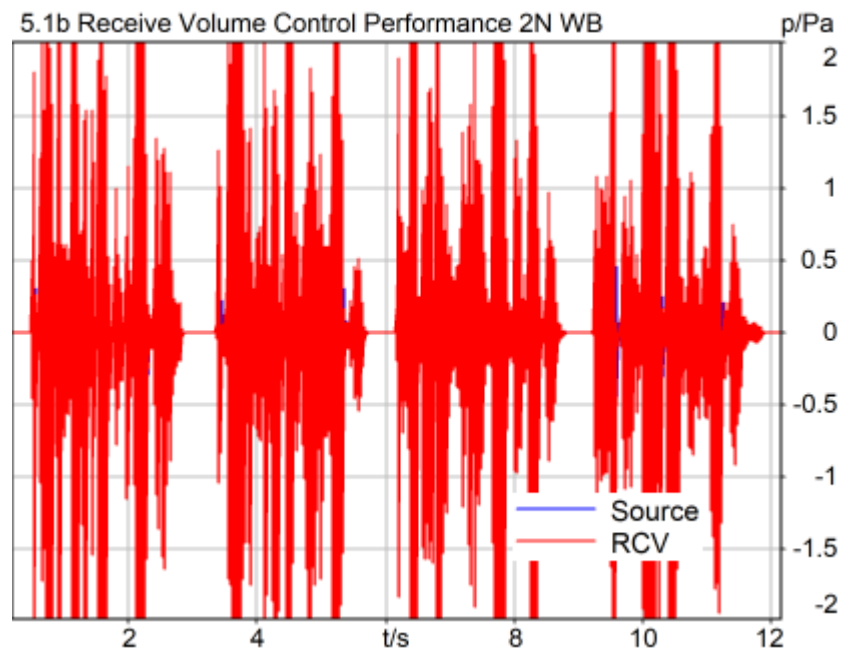
2025/3/19 15:18 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.92 dB[SPL]	83.96%	16.92 dB[SPL]	Ok

Ok

2025/3/19 15:23 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band66_20_QPSK_1_0_EVS SWB 128kbps_CH132322
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:11
Responsible Person	audio

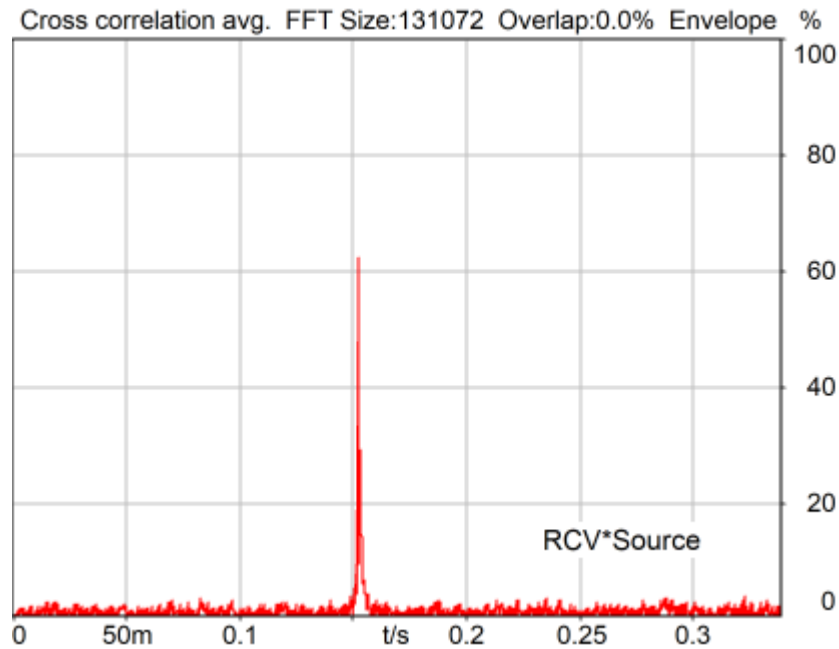
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	152.8	HUHAO_2403_LTE Band66_20_QPSK_1_0_EVS SWB 128kbps_CH132322
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.64	HUHAO_2403_LTE Band66_20_QPSK_1_0_EVS SWB 128kbps_CH132322
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.49	HUHAO_2403_LTE Band66_20_QPSK_1_0_EVS SWB 128kbps_CH132322

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

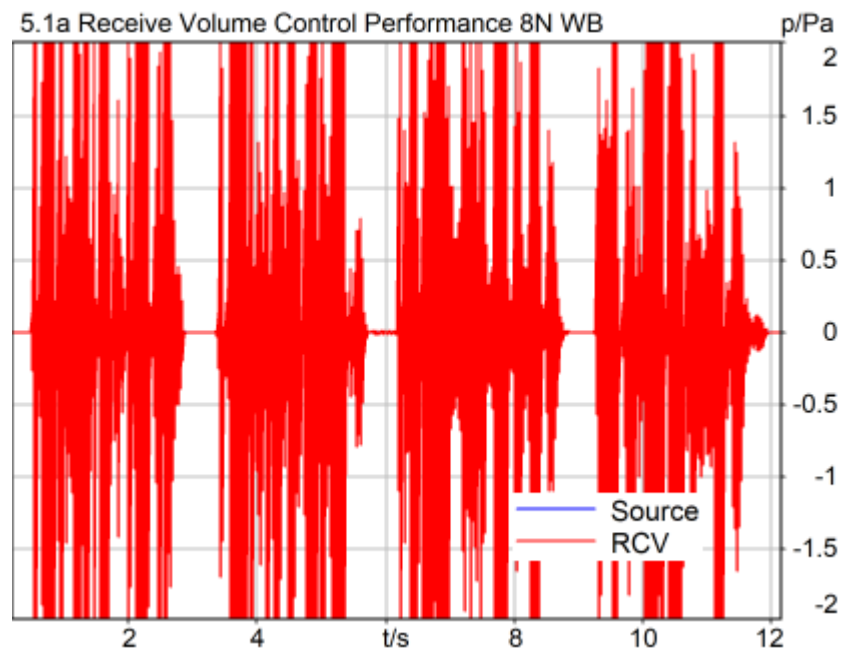


Channel	Delay
RCV*Source	152.8 ms

2025/3/19 15:13 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	91.64 dB[SPL]	84.31%	21.64 dB[SPL]	Ok

Ok

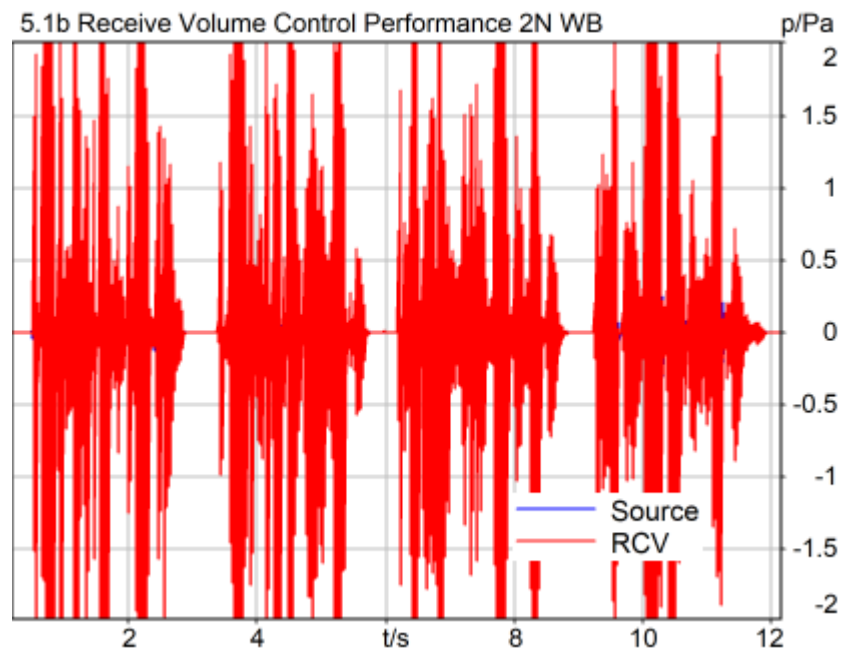
2025/3/19 15:13 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.49 dB[SPL]	84.20%	16.49 dB[SPL]	Ok

Ok

2025/3/19 15:12 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band66_20_QPSK_1_0_EVS WB 9.6kbps_CH132322
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:10
Responsible Person	audio

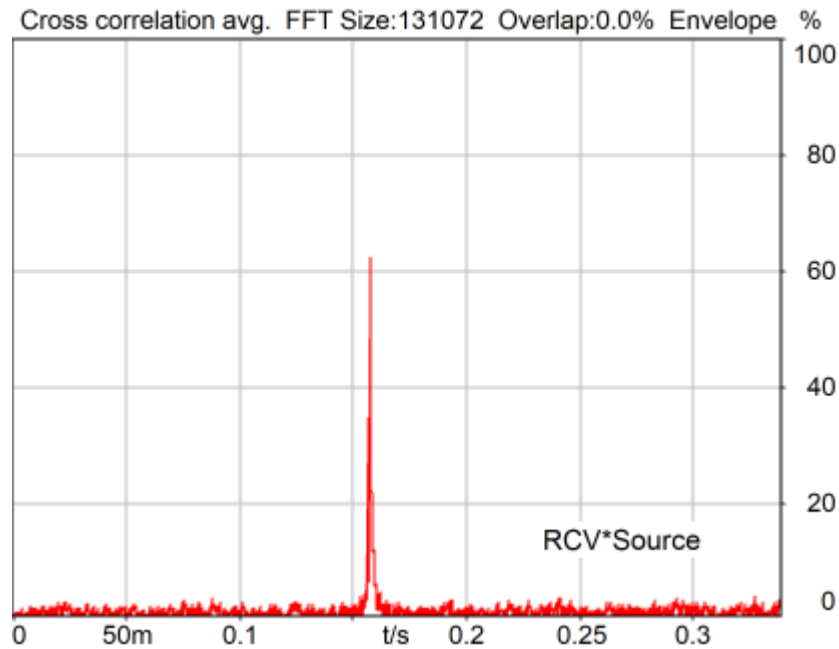
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	157.8	HUHAO_2403_LTE Band66_20_QPSK_1_0_EVS WB 9.6kbps_CH132322
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.57	HUHAO_2403_LTE Band66_20_QPSK_1_0_EVS WB 9.6kbps_CH132322
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.45	HUHAO_2403_LTE Band66_20_QPSK_1_0_EVS WB 9.6kbps_CH132322

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

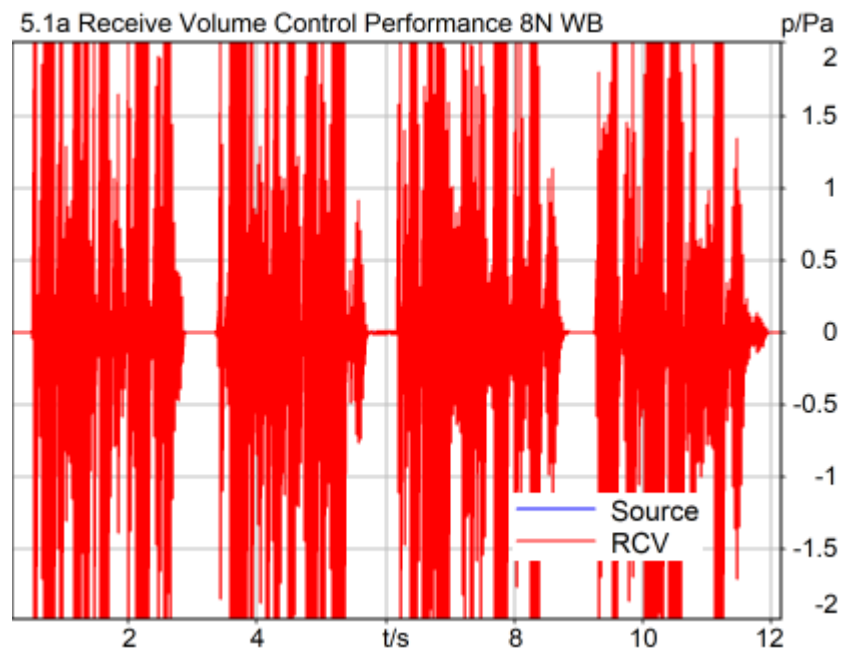


Channel	Delay
RCV*Source	157.8 ms

2025/2/5 14:41 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	91.57 dB[SPL]	84.46%	21.57 dB[SPL]	Ok

Ok

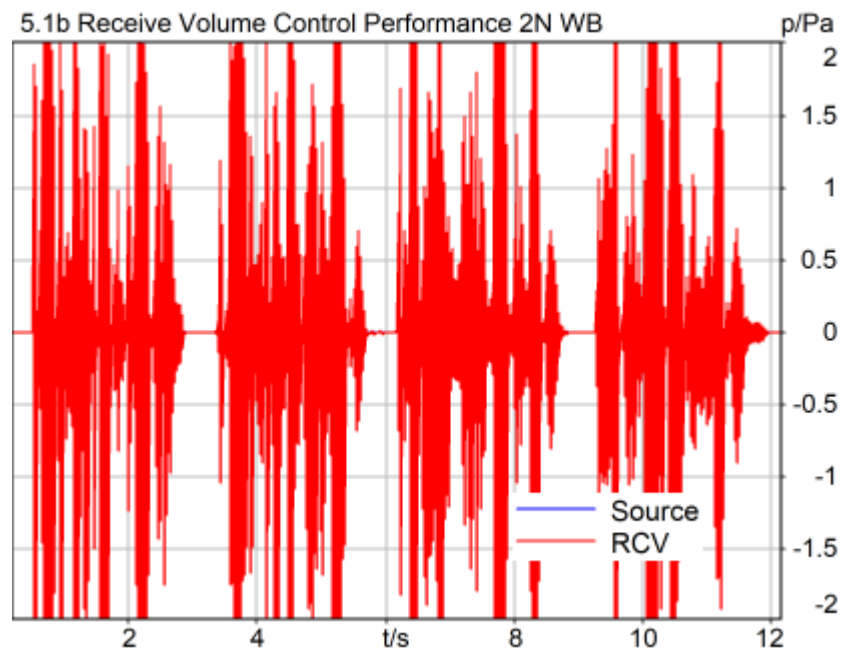
2025/2/5 14:41 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.45 dB[SPL]	84.37%	16.45 dB[SPL]	Ok

Ok

2025/2/5 14:42 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n2_DFT-QPSK20M_1_1_AMR NB 4.75kbps_CH376000
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:12
Responsible Person	audio

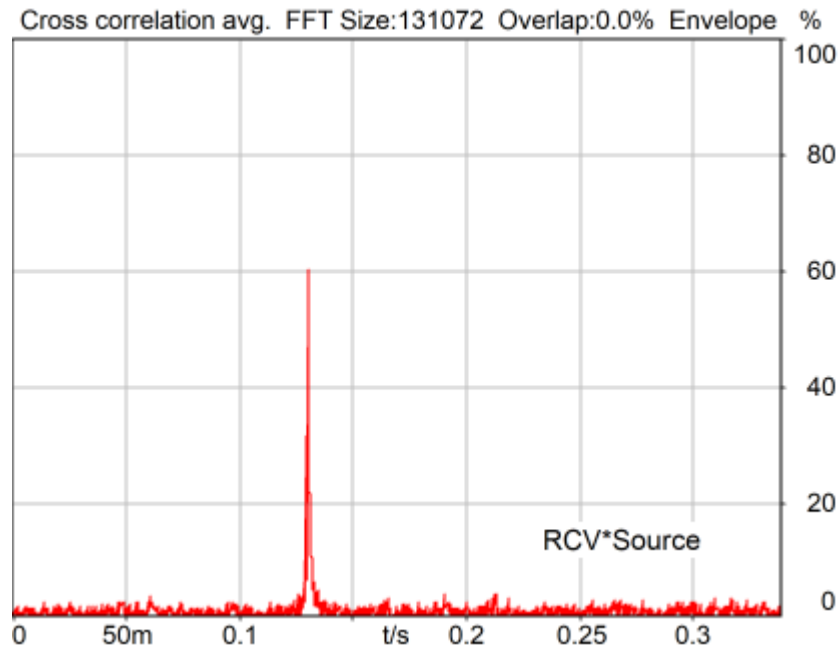
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	130.3	HUHAO_2403_n2_DFT-QPSK20M_1_1_AMR NB 4.75kbps_CH376000
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	22.23	HUHAO_2403_n2_DFT-QPSK20M_1_1_AMR NB 4.75kbps_CH376000
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	16.14	HUHAO_2403_n2_DFT-QPSK20M_1_1_AMR NB 4.75kbps_CH376000

Overall Receive Delay NB	4
5.1a Receive Volume Control Performance 8N NB	4
5.1b Receive Volume Control Performance 2N NB	5

Overall Receive Delay NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ Preparation - Delay measurement

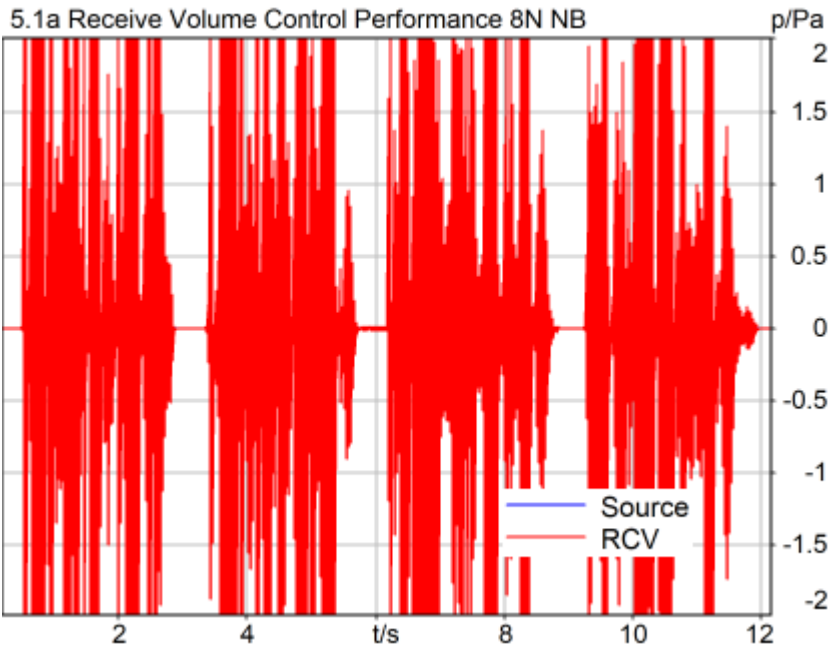


Channel	Delay
RCV*Source	130.3 ms

2025/2/8 17:22 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	92.23 dB[SPL]	84.38%	22.23 dB[SPL]	Ok

Ok

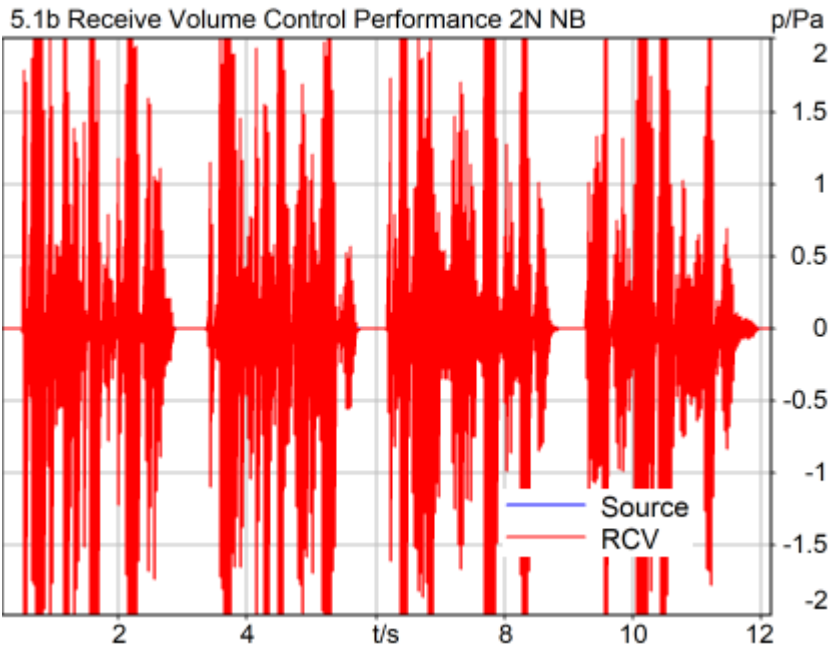
2025/2/8 17:24 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.14 dB[SPL]	84.36%	16.14 dB[SPL]	Ok

Ok

2025/2/8 17:22 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n2_DFT-QPSK20M_1_1_AMR NB 12.2kbps_CH376000
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:12
Responsible Person	audio

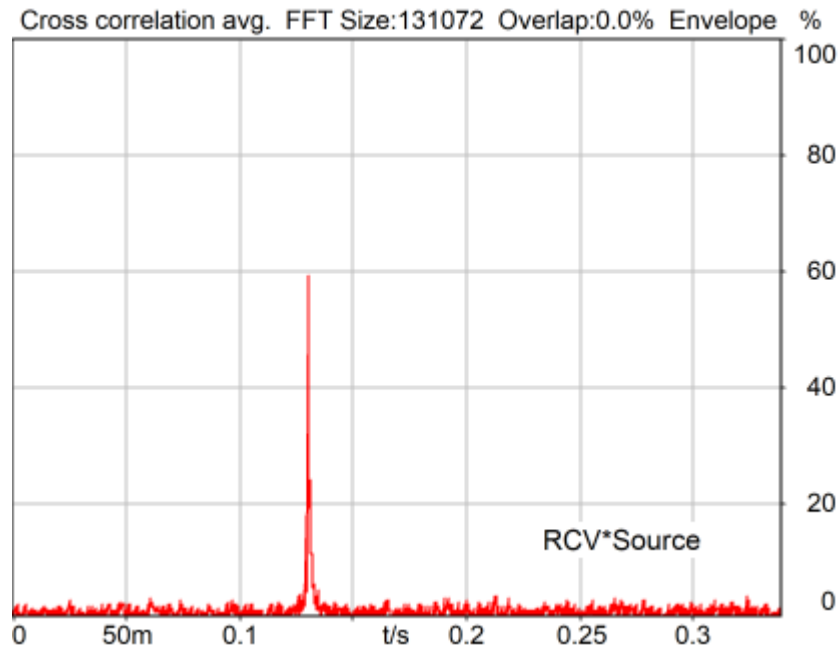
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	130.4	HUHAO_2403_n2_DFT-QPSK20M_1_1_AMR NB 12.2kbps_CH376000
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	22.36	HUHAO_2403_n2_DFT-QPSK20M_1_1_AMR NB 12.2kbps_CH376000
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	16.37	HUHAO_2403_n2_DFT-QPSK20M_1_1_AMR NB 12.2kbps_CH376000

Overall Receive Delay NB	4
5.1a Receive Volume Control Performance 8N NB	4
5.1b Receive Volume Control Performance 2N NB	5

Overall Receive Delay NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ Preparation - Delay measurement

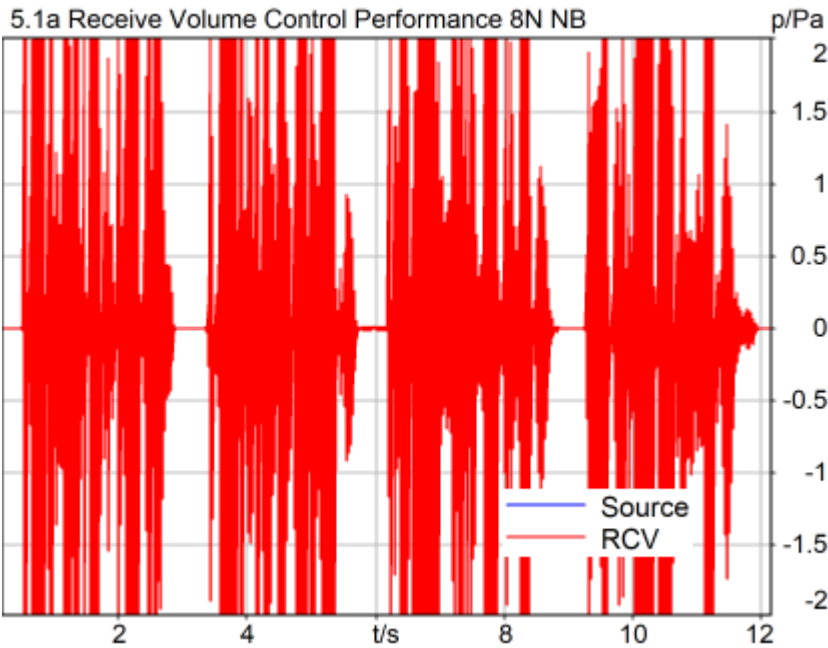


Channel	Delay
RCV*Source	130.4 ms

2025/2/8 17:22 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	92.36 dB[SPL]	84.11%	22.36 dB[SPL]	Ok

Ok

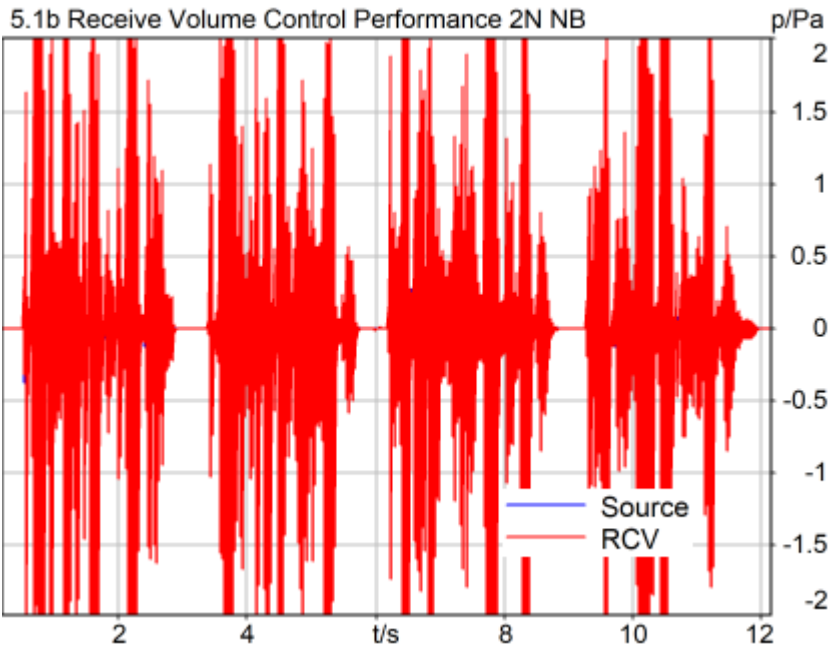
2025/2/8 17:24 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.37 dB[SPL]	84.12%	16.37 dB[SPL]	Ok

Ok

2025/2/8 17:34 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n2_DFT-QPSK20M_1_1_AMR WB 6.6kbps_CH376000
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:13
Responsible Person	audio

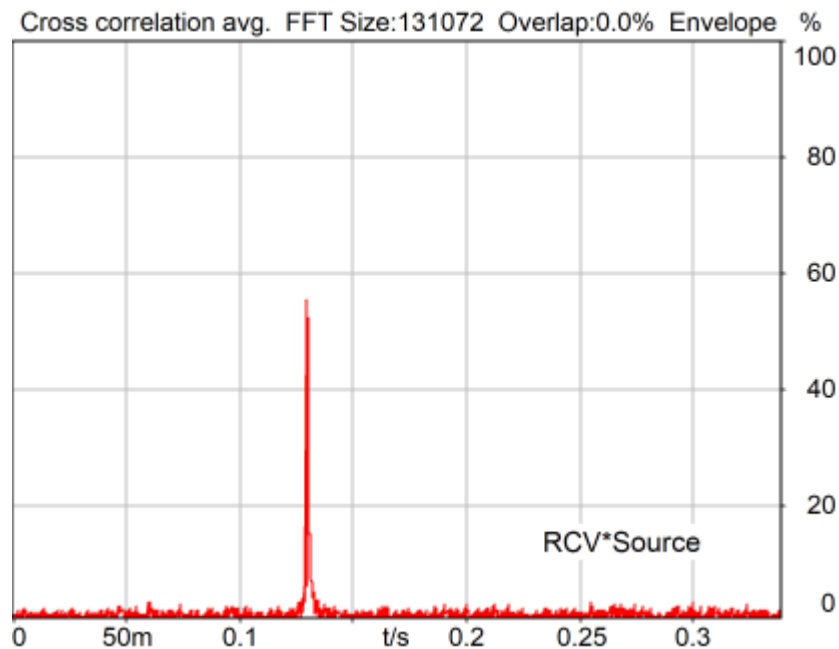
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	130.1	HUHAO_2403_n2_DFT-QPSK20M_1_1_AMR WB 6.6kbps_CH376000
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	22.37	HUHAO_2403_n2_DFT-QPSK20M_1_1_AMR WB 6.6kbps_CH376000
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.09	HUHAO_2403_n2_DFT-QPSK20M_1_1_AMR WB 6.6kbps_CH376000

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

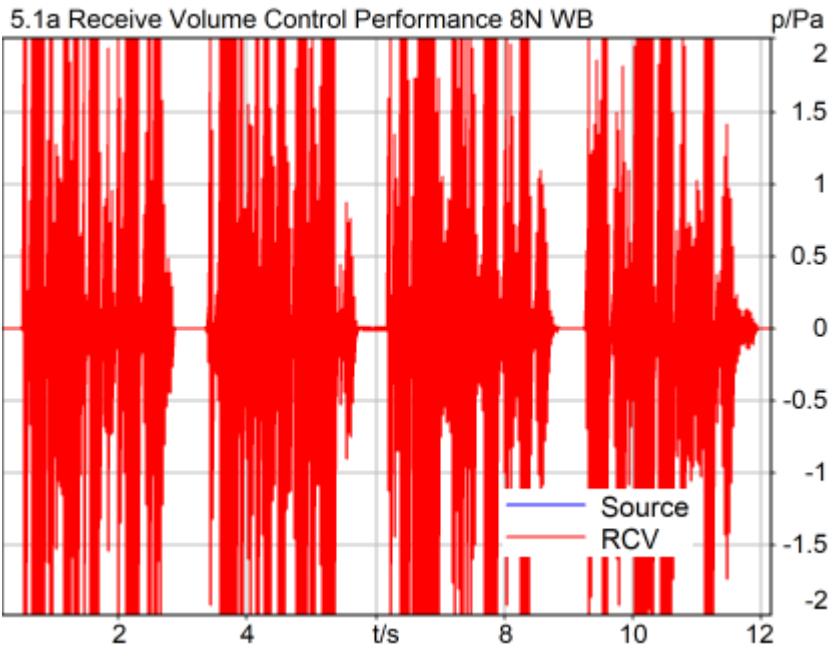


Channel	Delay
RCV*Source	130.1 ms

2025/2/8 17:21 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	92.37 dB[SPL]	84.39%	22.37 dB[SPL]	Ok

Ok

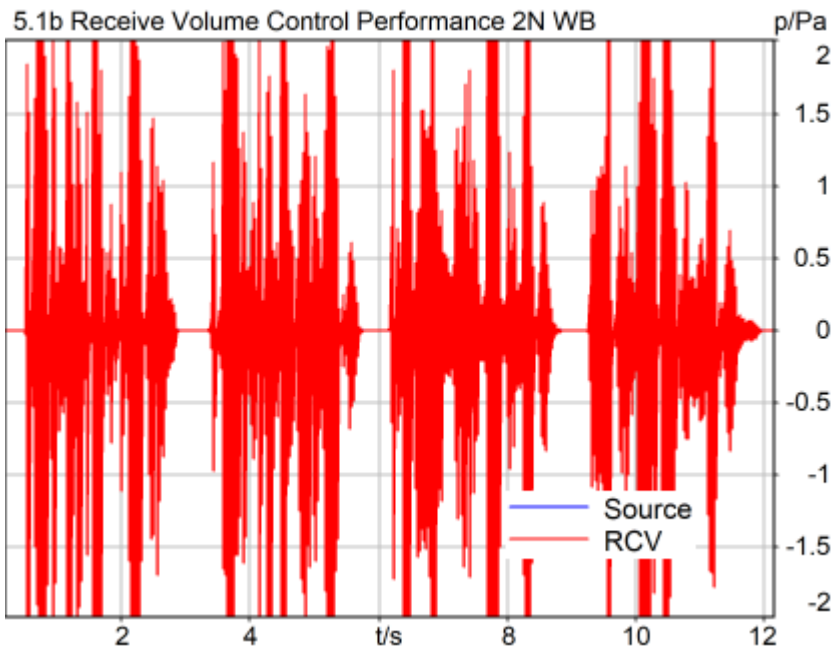
2025/2/8 17:25 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.09 dB[SPL]	84.42%	16.09 dB[SPL]	Ok

Ok

2025/2/8 17:21 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n2_DFT-QPSK20M_1_1_AMR WB 23.85kbps_CH376000
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:13
Responsible Person	audio

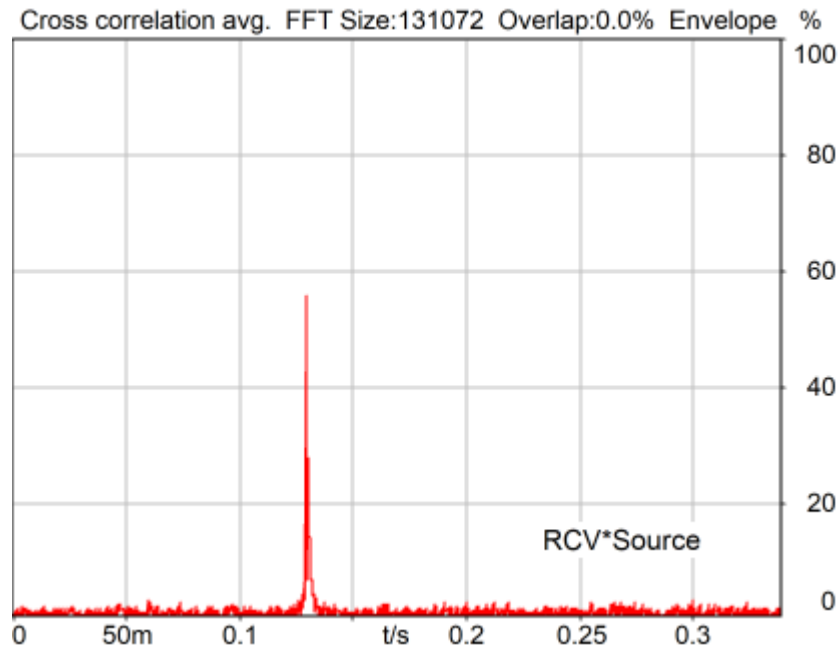
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	130.0	HUHAO_2403_n2_DFT-QPSK20M_1_1_AMR WB 23.85kbps_CH376000
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	22.23	HUHAO_2403_n2_DFT-QPSK20M_1_1_AMR WB 23.85kbps_CH376000
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.10	HUHAO_2403_n2_DFT-QPSK20M_1_1_AMR WB 23.85kbps_CH376000

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

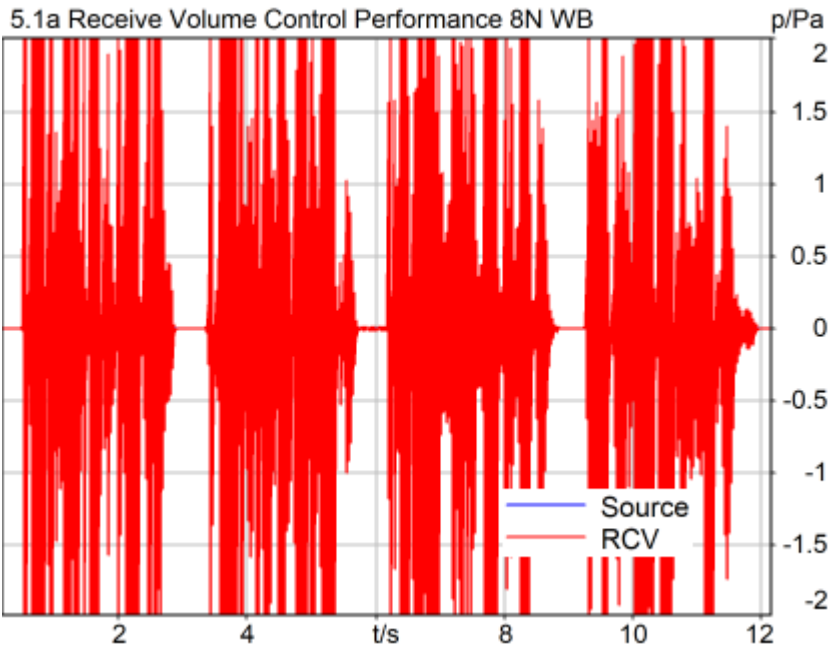


Channel	Delay
RCV*Source	130.0 ms

2025/2/8 17:20 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	92.23 dB[SPL]	84.49%	22.23 dB[SPL]	Ok

Ok

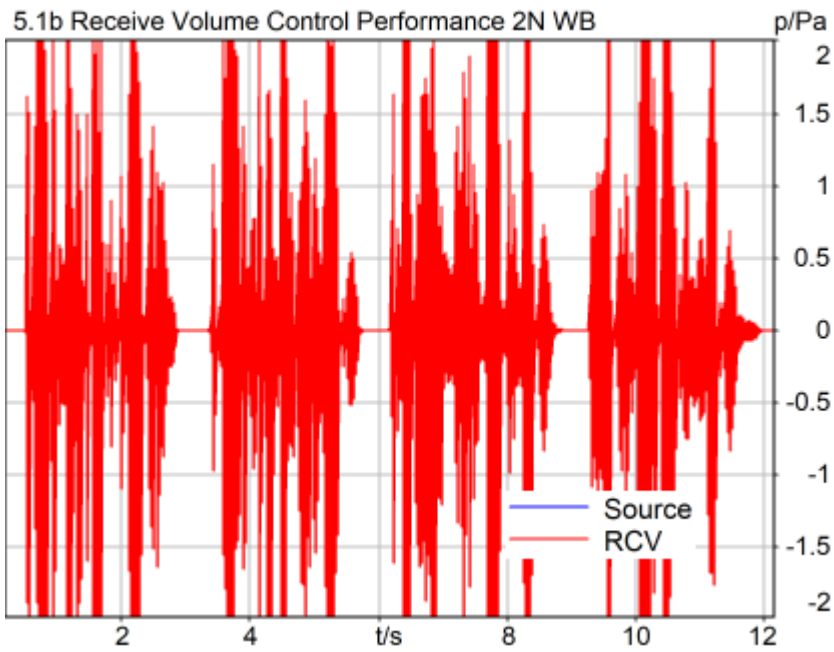
2025/2/8 17:26 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.10 dB[SPL]	84.38%	16.10 dB[SPL]	Ok

Ok

2025/2/8 17:20 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n2_DFT-QPSK20M_1_1_EVS NB 5.9kbps_CH376000
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:13
Responsible Person	audio

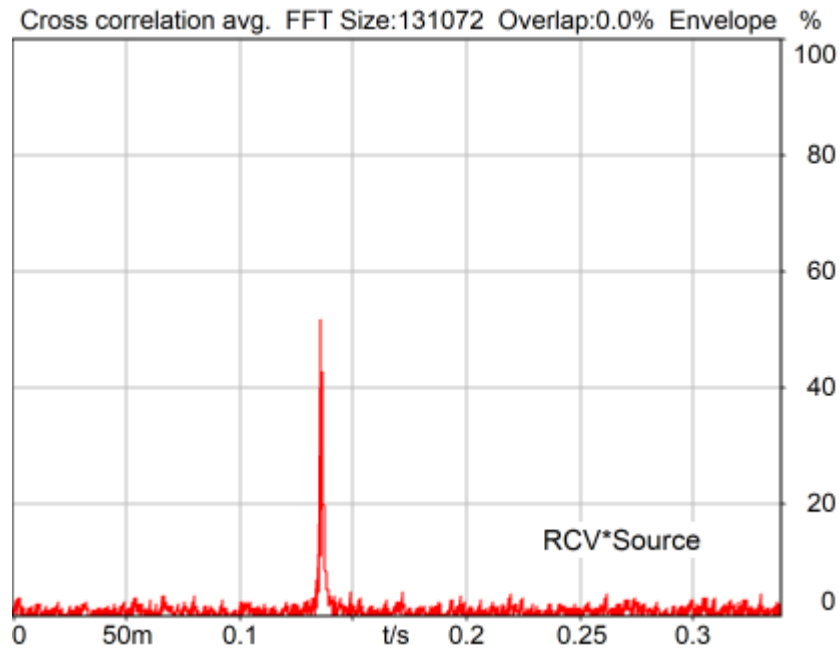
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	136.4	HUHAO_2403_n2_DFT-QPSK20M_1_1_EVS NB 5.9kbps_CH376000
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	21.96	HUHAO_2403_n2_DFT-QPSK20M_1_1_EVS NB 5.9kbps_CH376000
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	16.17	HUHAO_2403_n2_DFT-QPSK20M_1_1_EVS NB 5.9kbps_CH376000

Overall Receive Delay NB	4
5.1a Receive Volume Control Performance 8N NB	4
5.1b Receive Volume Control Performance 2N NB	5

Overall Receive Delay NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ Preparation - Delay measurement

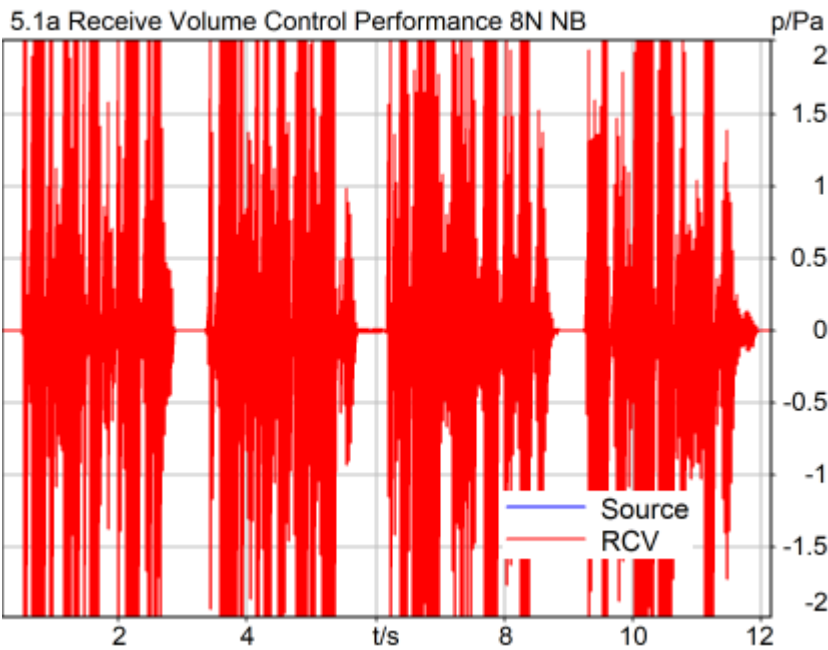


Channel	Delay
RCV*Source	136.4 ms

2025/2/8 16:56 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	91.96 dB[SPL]	84.13%	21.96 dB[SPL]	Ok

Ok

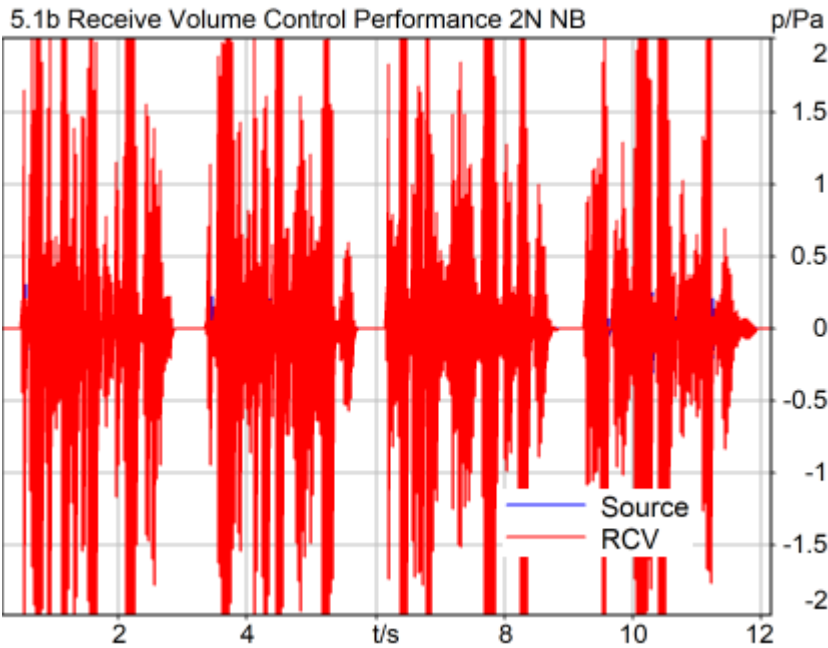
2025/2/8 16:56 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.17 dB[SPL]	84.19%	16.17 dB[SPL]	Ok

Ok

2025/2/8 16:52 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n2_DFT-QPSK20M_1_1_EVS SWB 9.6kbps_CH376000
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:14
Responsible Person	audio

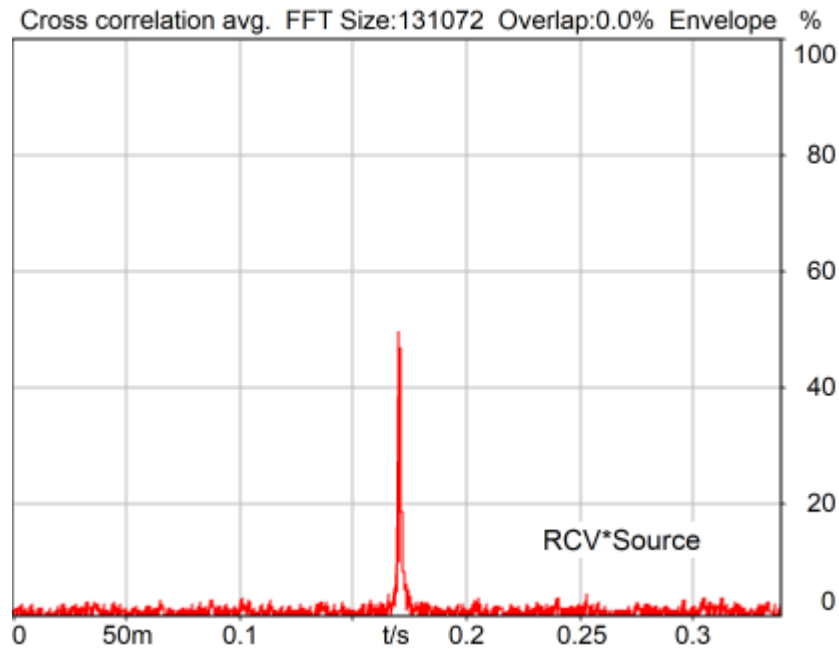
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	170.5	HUHAO_2403_n2_DFT-QPSK20M_1_1_EVS SWB 9.6kbps_CH376000
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	22.06	HUHAO_2403_n2_DFT-QPSK20M_1_1_EVS SWB 9.6kbps_CH376000
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.55	HUHAO_2403_n2_DFT-QPSK20M_1_1_EVS SWB 9.6kbps_CH376000

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

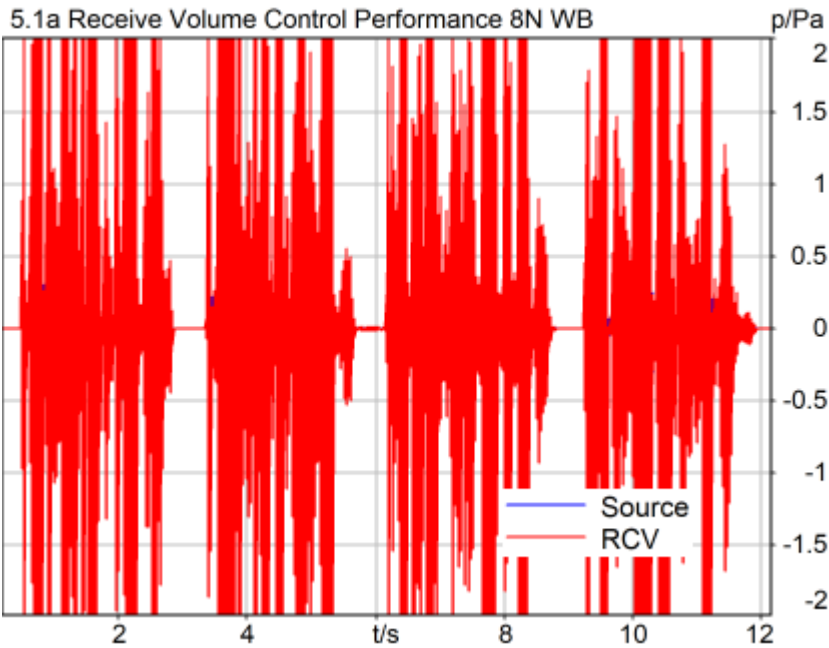


Channel	Delay
RCV*Source	170.5 ms

2025/3/18 14:00 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	92.06 dB[SPL]	81.99%	22.06 dB[SPL]	Ok

Ok

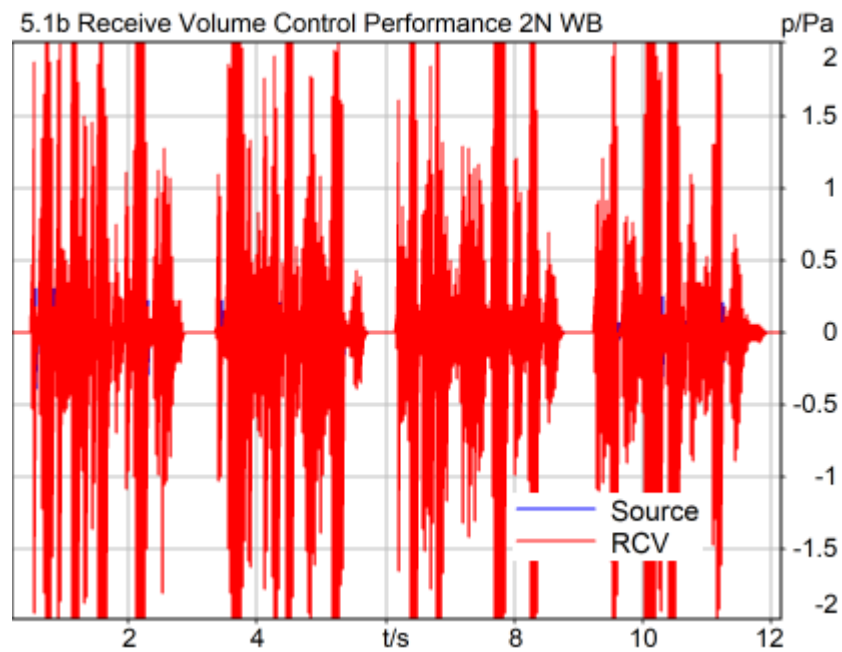
2025/3/18 14:01 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.55 dB[SPL]	84.03%	16.55 dB[SPL]	Ok

Ok

2025/3/18 14:02 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n2_DFT-QPSK20M_1_1_EVS SWB 128kbps_CH376000
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:14
Responsible Person	audio

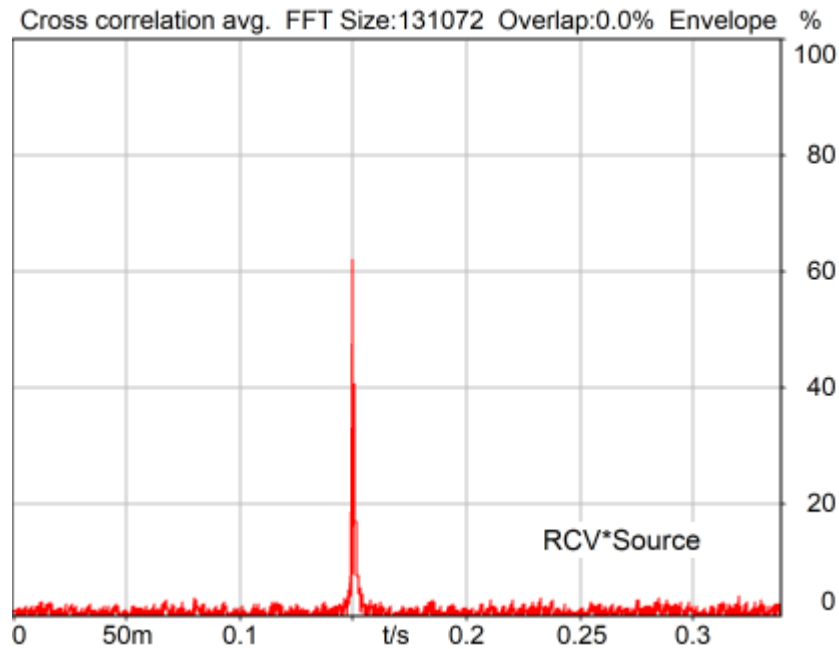
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	150.2	HUHAO_2403_n2_DFT-QPSK20M_1_1_EVS SWB 128kbps_CH376000
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	22.02	HUHAO_2403_n2_DFT-QPSK20M_1_1_EVS SWB 128kbps_CH376000
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.84	HUHAO_2403_n2_DFT-QPSK20M_1_1_EVS SWB 128kbps_CH376000

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

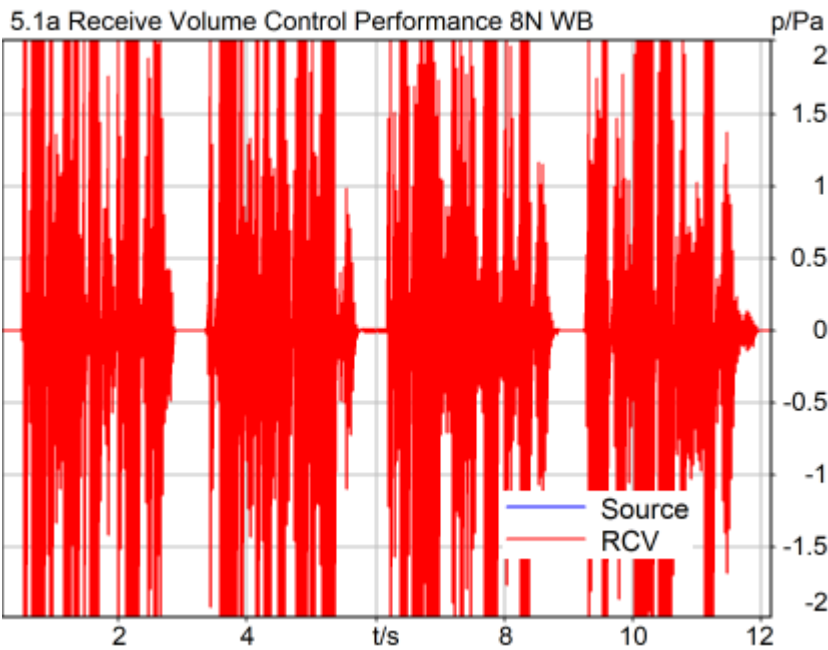


Channel	Delay
RCV*Source	150.2 ms

2025/3/18 13:58 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	92.02 dB[SPL]	84.09%	22.02 dB[SPL]	Ok

Ok

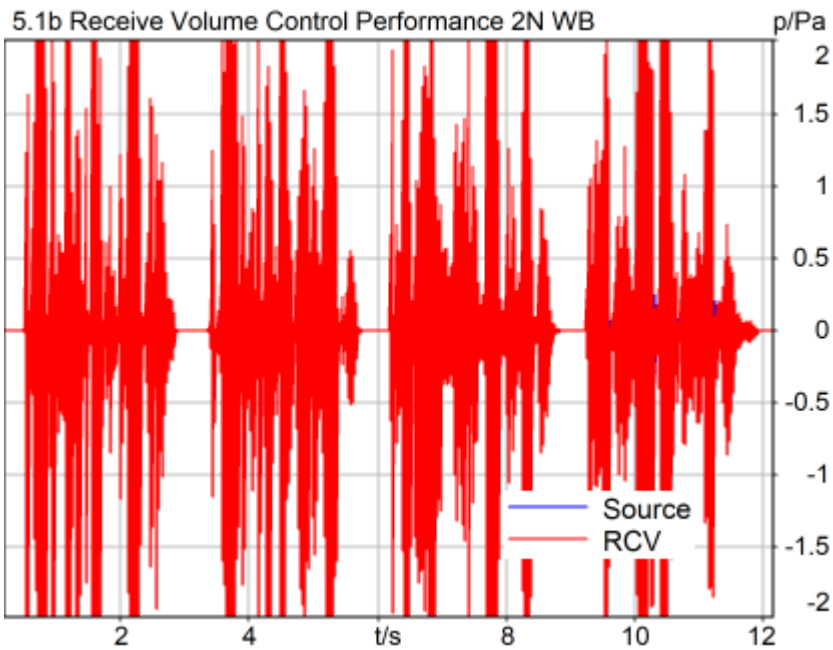
2025/3/18 13:58 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.84 dB[SPL]	84.13%	16.84 dB[SPL]	Ok

Ok

2025/3/18 13:57 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n2_DFT-QPSK20M_1_1_EVS WB 9.6kbps_CH376000
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:14
Responsible Person	audio

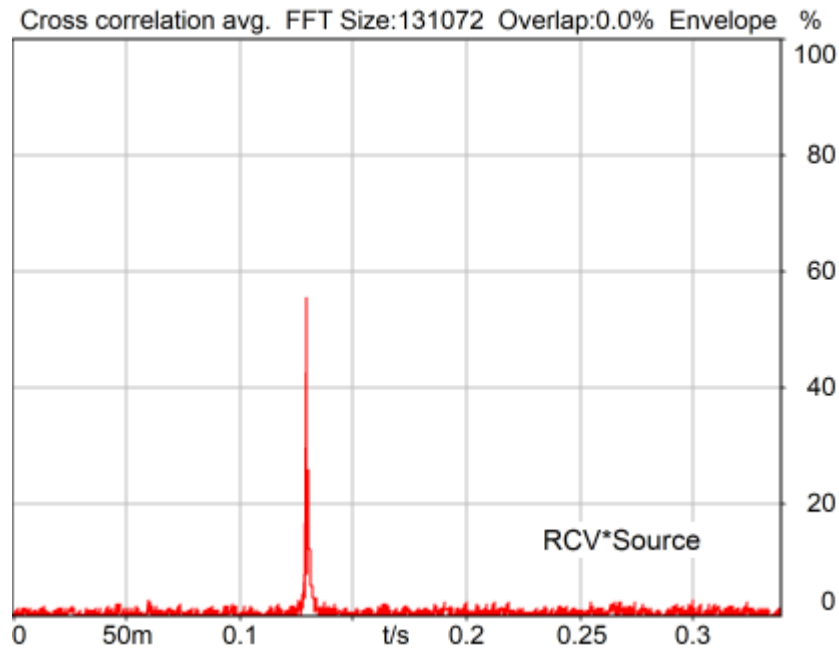
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	129.9	HUHAO_2403_n2_DFT-QPSK20M_1_1_EVS WB 9.6kbps_CH376000
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	22.34	HUHAO_2403_n2_DFT-QPSK20M_1_1_EVS WB 9.6kbps_CH376000
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.19	HUHAO_2403_n2_DFT-QPSK20M_1_1_EVS WB 9.6kbps_CH376000

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

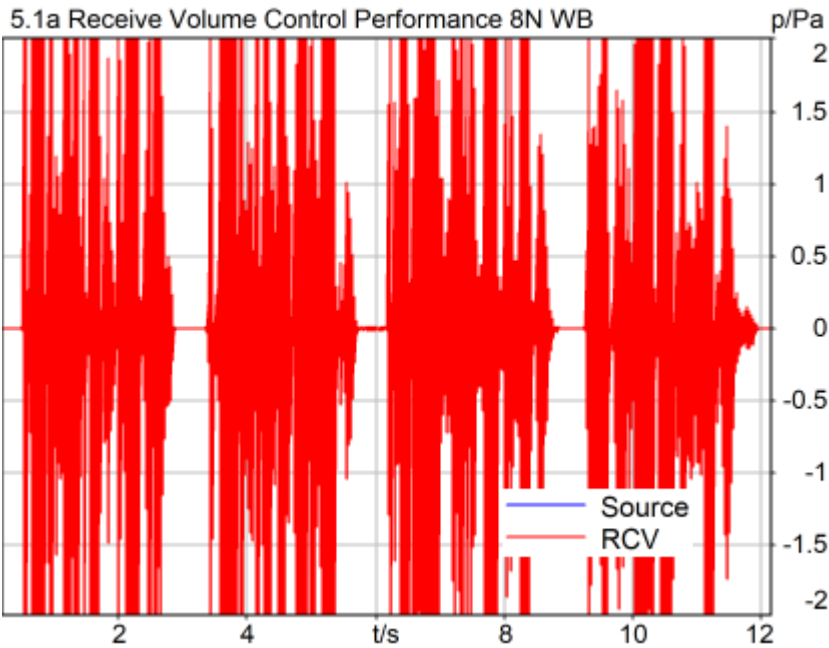


Channel	Delay
RCV*Source	129.9 ms

2025/2/8 17:19 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	92.34 dB[SPL]	84.37%	22.34 dB[SPL]	Ok

Ok

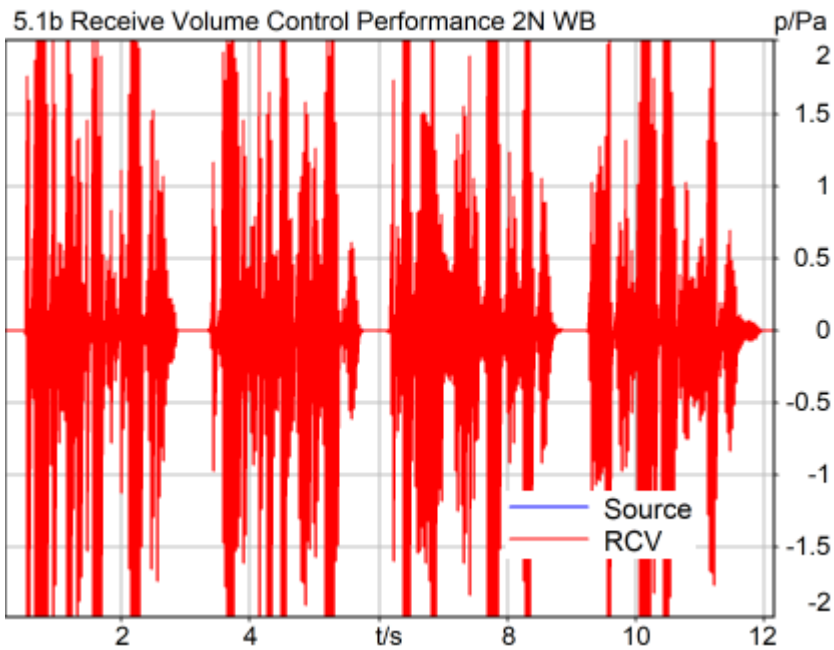
2025/2/8 17:26 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.19 dB[SPL]	84.36%	16.19 dB[SPL]	Ok

Ok

2025/2/8 17:19 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n5_DFT-QPSK20M_1_1_AMR NB 4.75kbps_CH167300
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:15
Responsible Person	audio

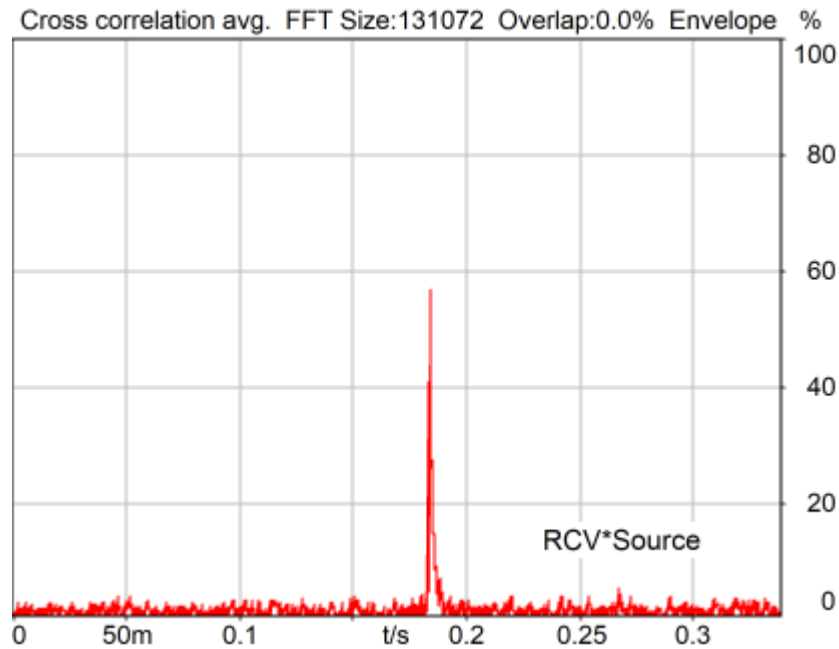
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	184.5	HUHAO_2403_n5_DFT-QPSK20M_1_1_AMR NB 4.75kbps_CH167300
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	20.53	HUHAO_2403_n5_DFT-QPSK20M_1_1_AMR NB 4.75kbps_CH167300
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	15.36	HUHAO_2403_n5_DFT-QPSK20M_1_1_AMR NB 4.75kbps_CH167300

Overall Receive Delay NB	4
5.1a Receive Volume Control Performance 8N NB	4
5.1b Receive Volume Control Performance 2N NB	5

Overall Receive Delay NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ Preparation - Delay measurement

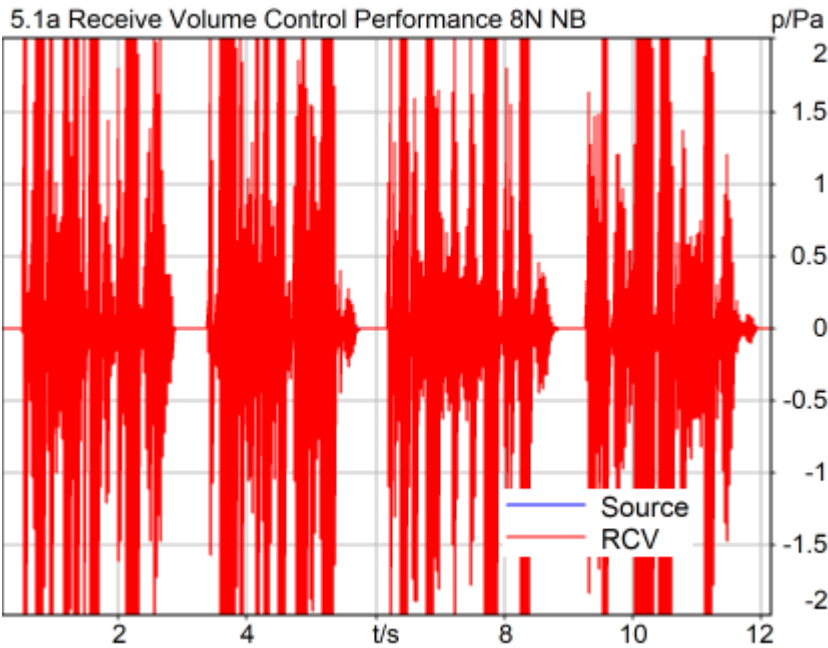


Channel	Delay
RCV*Source	184.5 ms

2025/2/10 13:29 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	90.53 dB[SPL]	80.69%	20.53 dB[SPL]	Ok

Ok

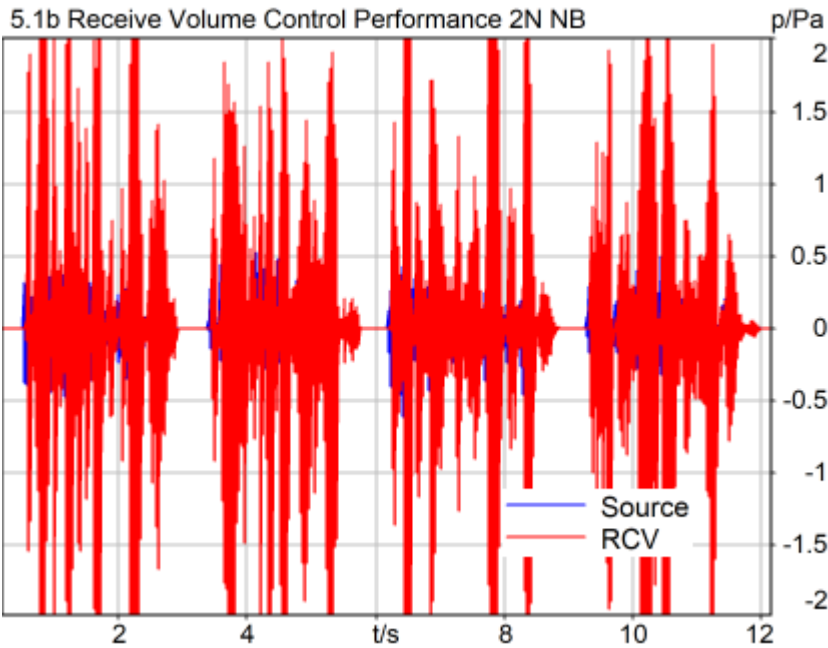
2025/2/10 13:29 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	85.36 dB[SPL]	80.59%	15.36 dB[SPL]	Ok

Ok

2025/2/10 13:28 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n5_DFT-QPSK20M_1_1_AMR NB 12.2kbps_CH167300
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:15
Responsible Person	audio

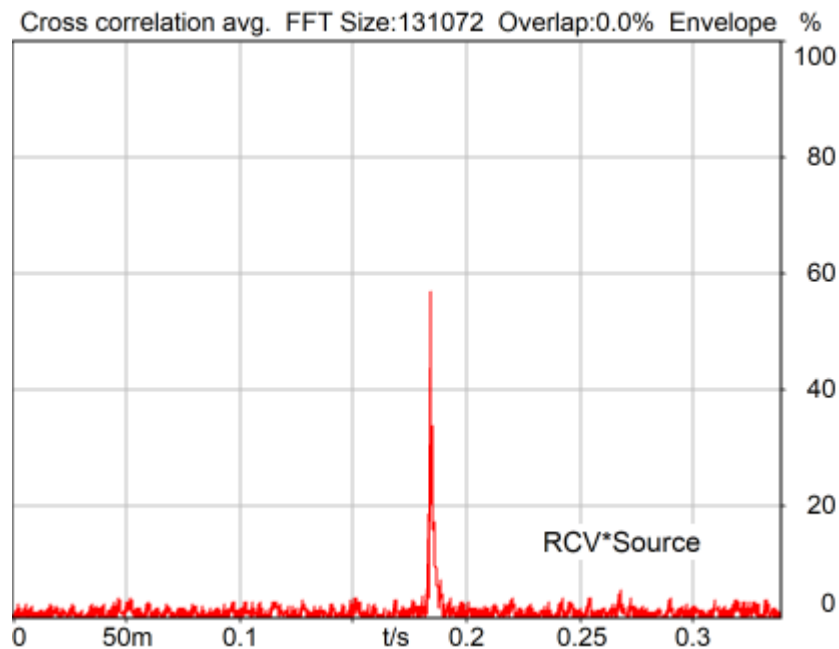
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	184.7	HUHAO_2403_n5_DFT-QPSK20M_1_1_AMR NB 12.2kbps_CH167300
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	20.71	HUHAO_2403_n5_DFT-QPSK20M_1_1_AMR NB 12.2kbps_CH167300
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	15.32	HUHAO_2403_n5_DFT-QPSK20M_1_1_AMR NB 12.2kbps_CH167300

Overall Receive Delay NB	4
5.1a Receive Volume Control Performance 8N NB	4
5.1b Receive Volume Control Performance 2N NB	5

Overall Receive Delay NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ Preparation - Delay measurement

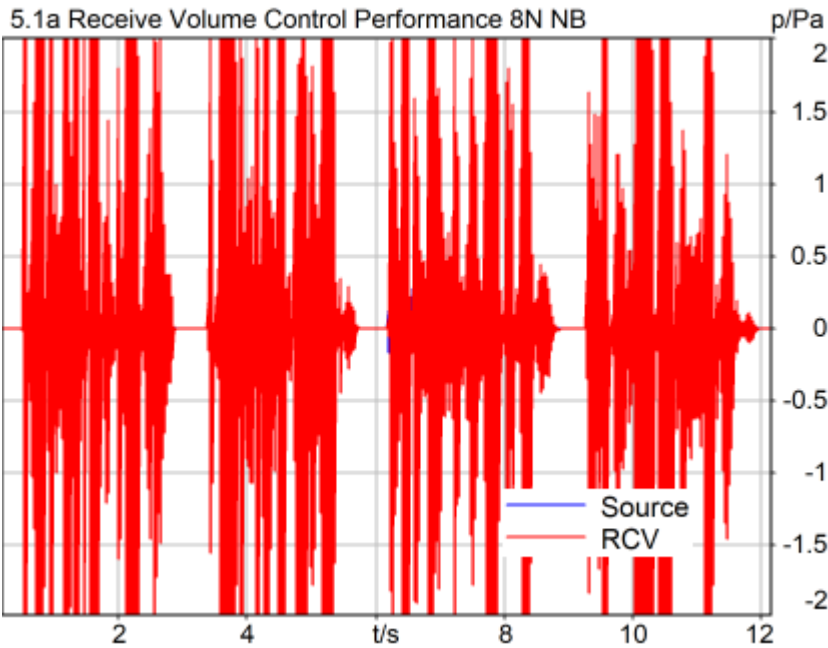


Channel	Delay
RCV*Source	184.7 ms

2025/2/10 13:30 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	90.71 dB[SPL]	80.72%	20.71 dB[SPL]	Ok

Ok

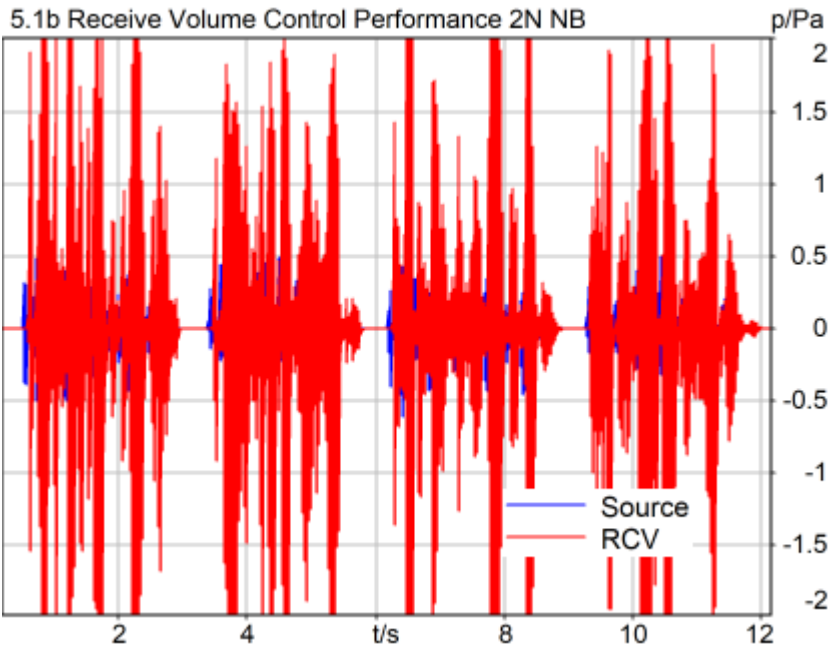
2025/2/10 13:30 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	85.32 dB[SPL]	81.00%	15.32 dB[SPL]	Ok

Ok

2025/2/10 13:27 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n5_DFT-QPSK20M_1_1_AMR NB 12.2kbps_CH167300_Sample2
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:16
Responsible Person	audio

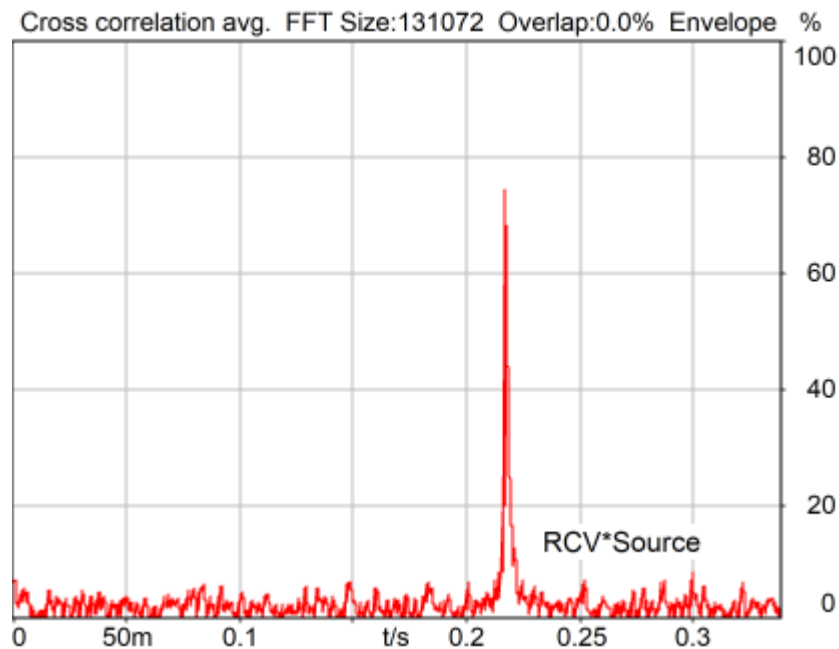
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	217.0	HUHAO_2403_n5_DFT-QPSK20M_1_1_AMR NB 12.2kbps_CH167300_Sample2
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	15.22	HUHAO_2403_n5_DFT-QPSK20M_1_1_AMR NB 12.2kbps_CH167300_Sample2

Overall Receive Delay NB	4
5.1b Receive Volume Control Performance 2N NB	4

Overall Receive Delay NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ Preparation - Delay measurement

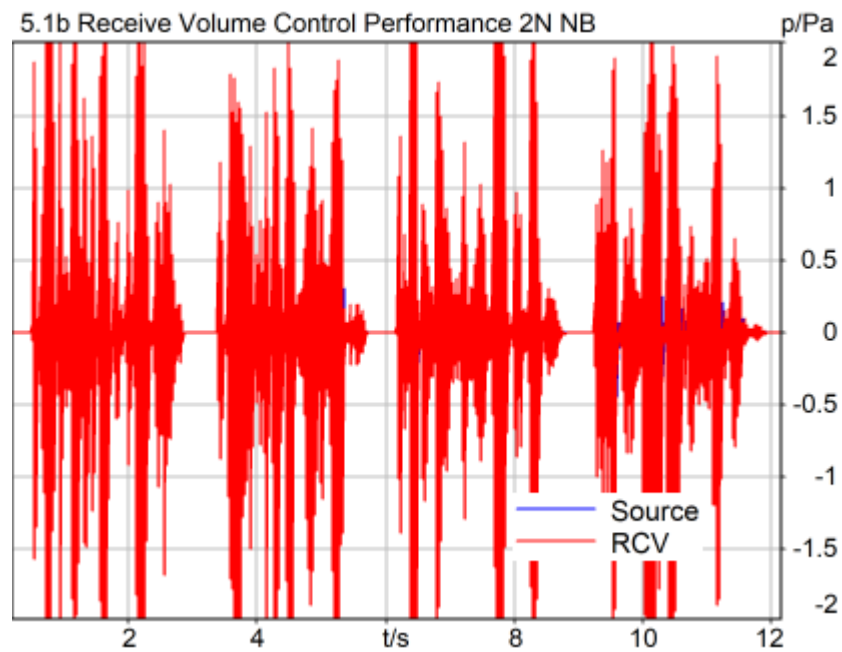


Channel	Delay
RCV*Source	217.0 ms

2025/3/18 15:05 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1b Receive Volume Control Performance 2N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	85.22 dB[SPL]	81.02%	15.22 dB[SPL]	Ok

Ok

2025/3/18 16:03 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n5_DFT-QPSK20M_1_1_AMR WB 6.6kbps_CH167300
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:16
Responsible Person	audio

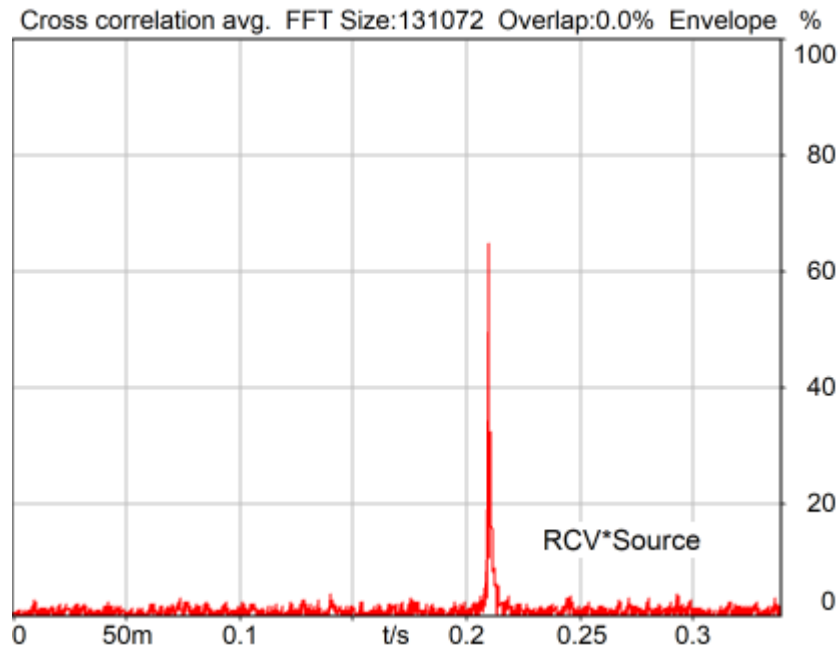
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	210.6	HUHAO_2403_n5_DFT-QPSK20M_1_1_AMR WB 6.6kbps_CH167300
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.97	HUHAO_2403_n5_DFT-QPSK20M_1_1_AMR WB 6.6kbps_CH167300
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.87	HUHAO_2403_n5_DFT-QPSK20M_1_1_AMR WB 6.6kbps_CH167300

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

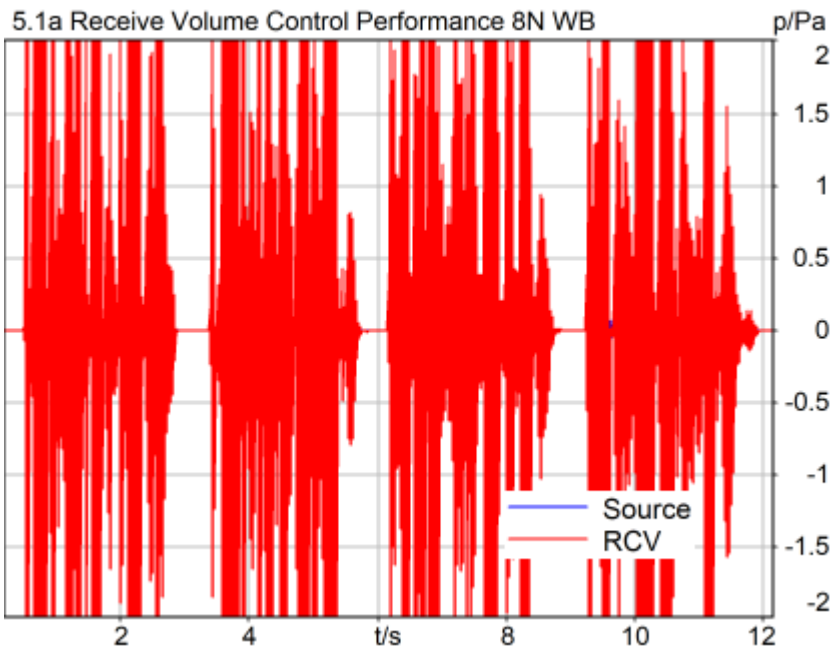


Channel	Delay
RCV*Source	210.6 ms

2025/2/10 13:32 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	91.97 dB[SPL]	84.04%	21.97 dB[SPL]	Ok

Ok

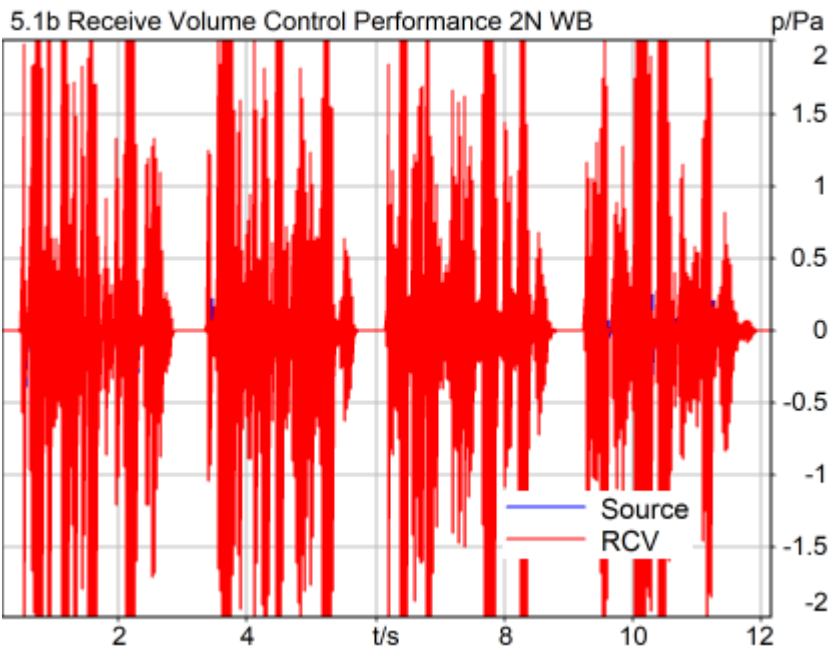
2025/2/10 13:32 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.87 dB[SPL]	84.10%	16.87 dB[SPL]	Ok

Ok

2025/2/10 13:37 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n5_DFT-QPSK20M_1_1_AMR WB 23.85kbps_CH167300
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:16
Responsible Person	audio

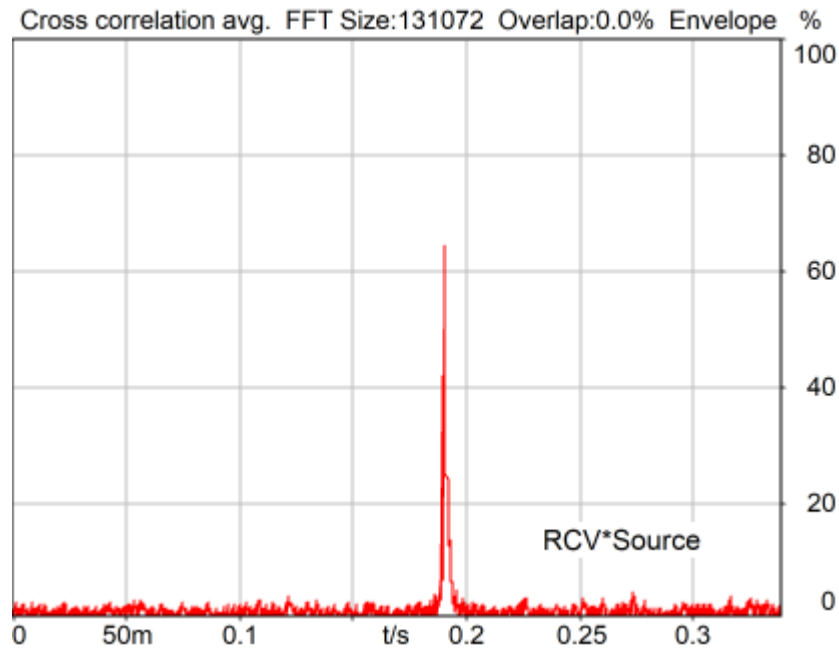
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	190.8	HUHAO_2403_n5_DFT-QPSK20M_1_1_AMR WB 23.85kbps_CH167300
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.90	HUHAO_2403_n5_DFT-QPSK20M_1_1_AMR WB 23.85kbps_CH167300
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.81	HUHAO_2403_n5_DFT-QPSK20M_1_1_AMR WB 23.85kbps_CH167300

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

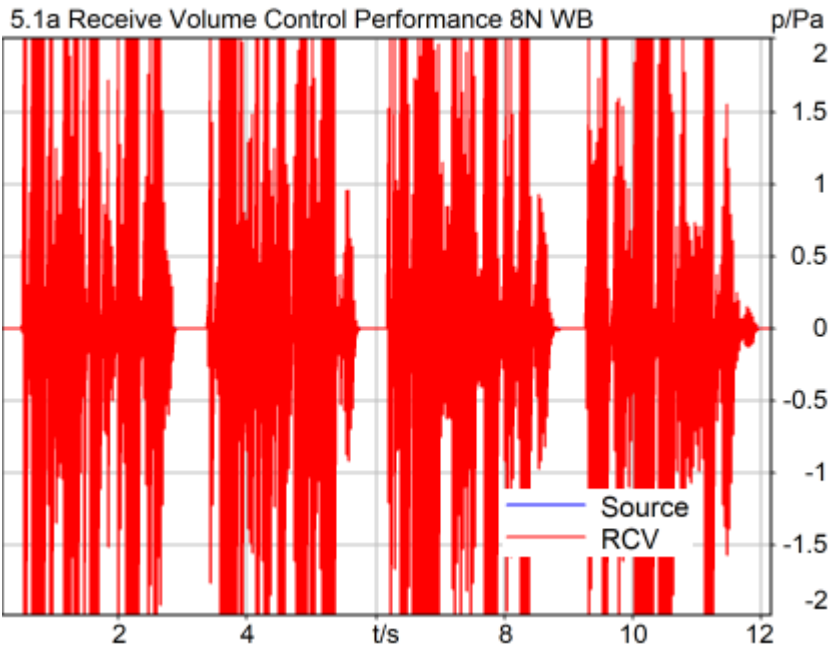


Channel	Delay
RCV*Source	190.8 ms

2025/2/10 13:33 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	91.90 dB[SPL]	84.13%	21.90 dB[SPL]	Ok

Ok

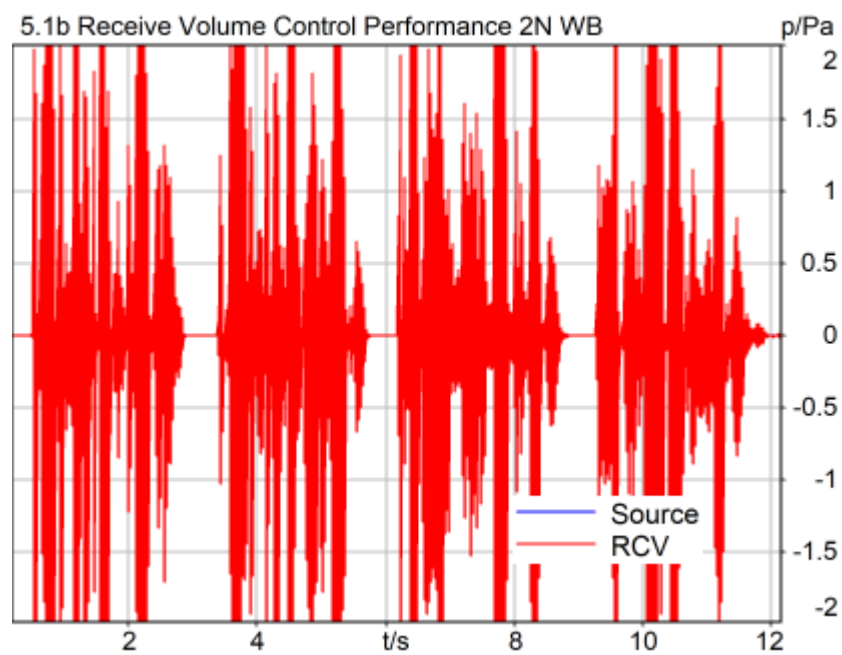
2025/2/10 13:33 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.81 dB[SPL]	84.09%	16.81 dB[SPL]	Ok

Ok

2025/2/10 13:35 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n5_DFT-QPSK20M_1_1_EVS NB 5.9kbps_CH167300
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:17
Responsible Person	audio

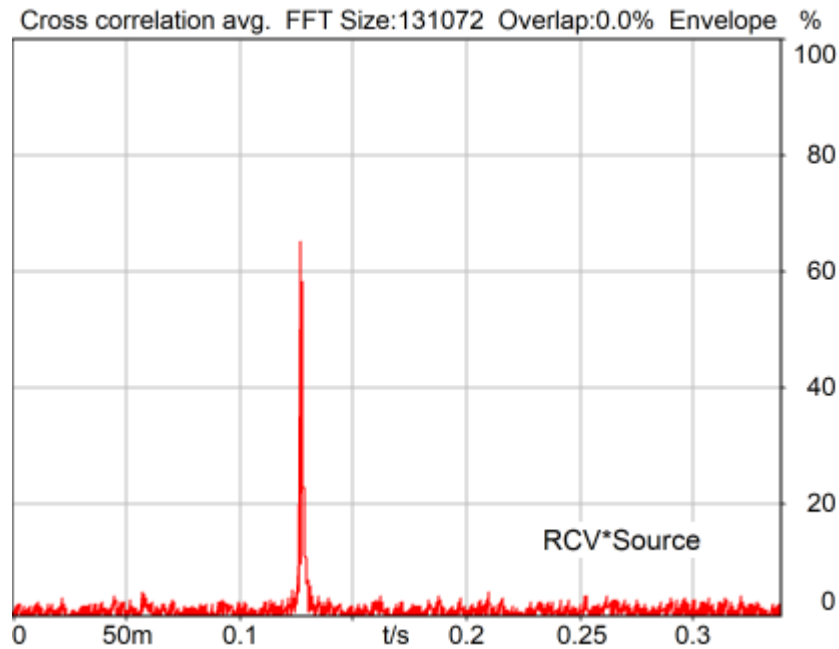
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	127.4	HUHAO_2403_n5_DFT-QPSK20M_1_1_EVS NB 5.9kbps_CH167300
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	22.19	HUHAO_2403_n5_DFT-QPSK20M_1_1_EVS NB 5.9kbps_CH167300
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	16.10	HUHAO_2403_n5_DFT-QPSK20M_1_1_EVS NB 5.9kbps_CH167300

Overall Receive Delay NB	4
5.1a Receive Volume Control Performance 8N NB	4
5.1b Receive Volume Control Performance 2N NB	5

Overall Receive Delay NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ Preparation - Delay measurement

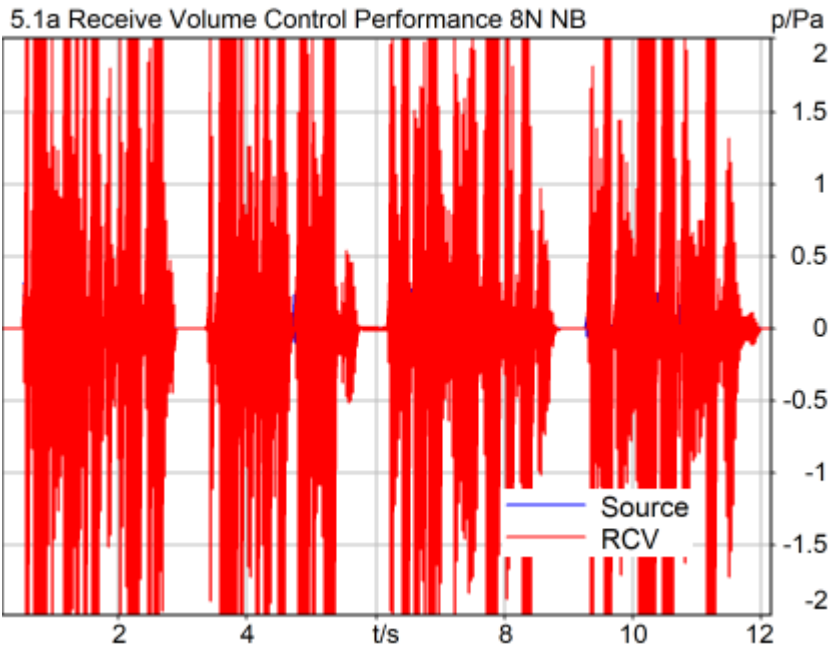


Channel	Delay
RCV*Source	127.4 ms

2025/2/10 12:56 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	92.19 dB[SPL]	82.35%	22.19 dB[SPL]	Ok

Ok

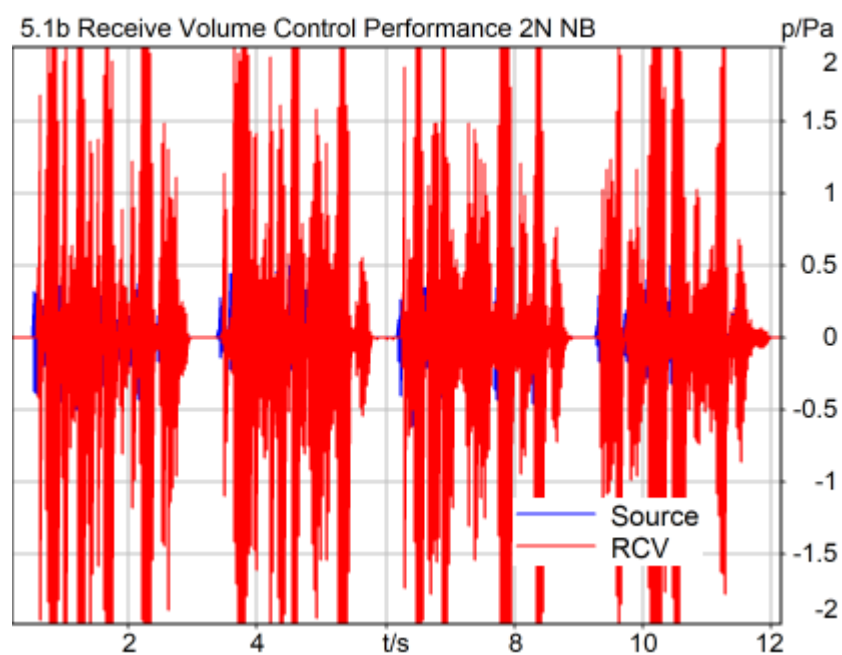
2025/2/10 12:57 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.10 dB[SPL]	84.23%	16.10 dB[SPL]	Ok

Ok

2025/2/10 13:02 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n5_DFT-QPSK20M_1_1_EVS SWB 9.6kbps_CH167300
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:18
Responsible Person	audio

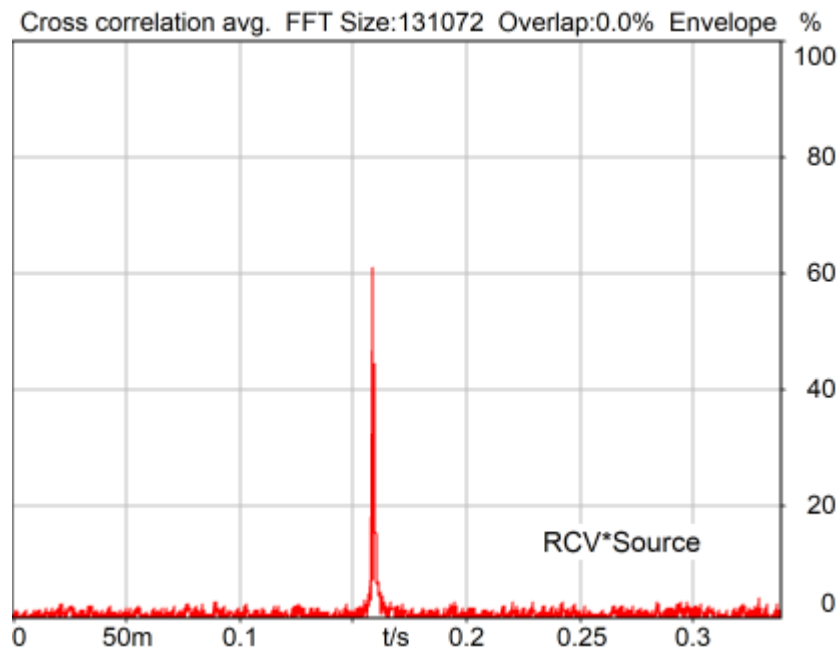
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	159.4	HUHAO_2403_n5_DFT-QPSK20M_1_1_EVS SWB 9.6kbps_CH167300
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.74	HUHAO_2403_n5_DFT-QPSK20M_1_1_EVS SWB 9.6kbps_CH167300
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.46	HUHAO_2403_n5_DFT-QPSK20M_1_1_EVS SWB 9.6kbps_CH167300

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

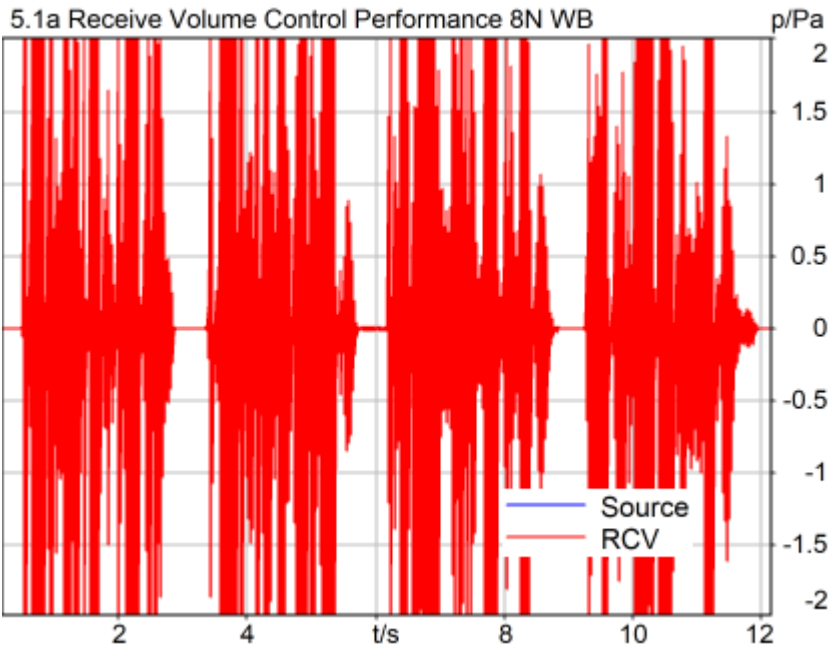


Channel	Delay
RCV*Source	159.4 ms

2025/3/18 13:51 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	91.74 dB[SPL]	84.37%	21.74 dB[SPL]	Ok

Ok

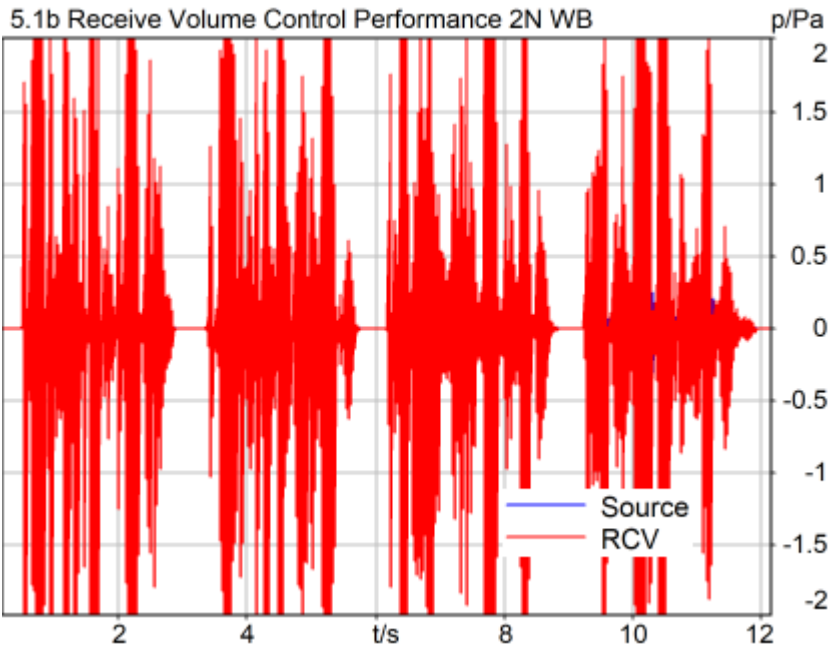
2025/3/18 13:51 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.46 dB[SPL]	84.26%	16.46 dB[SPL]	Ok

Ok

2025/3/18 13:50 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n5_DFT-QPSK20M_1_1_EVS SWB 128kbps_CH167300
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:18
Responsible Person	audio

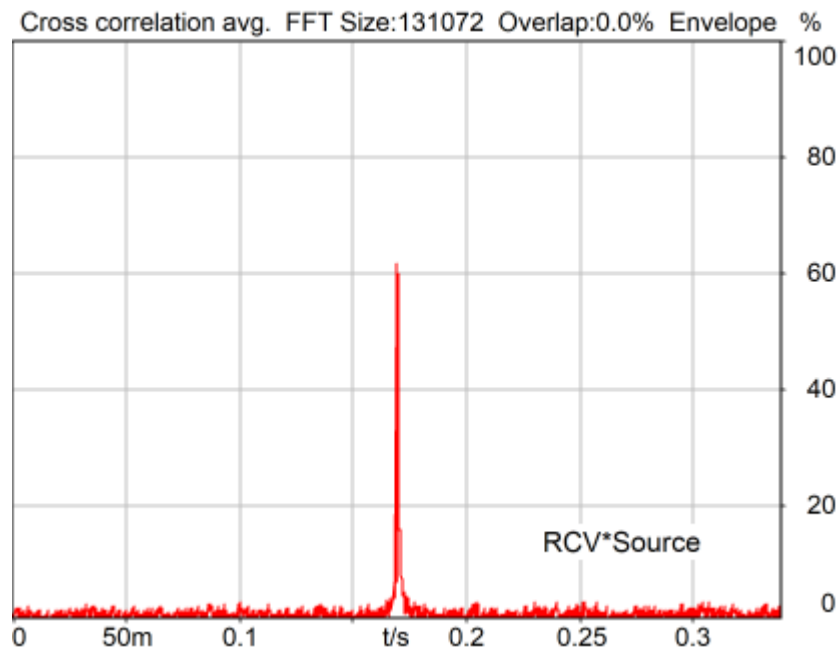
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	169.6	HUHAO_2403_n5_DFT-QPSK20M_1_1_EVS SWB 128kbps_CH167300
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.91	HUHAO_2403_n5_DFT-QPSK20M_1_1_EVS SWB 128kbps_CH167300
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.50	HUHAO_2403_n5_DFT-QPSK20M_1_1_EVS SWB 128kbps_CH167300

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

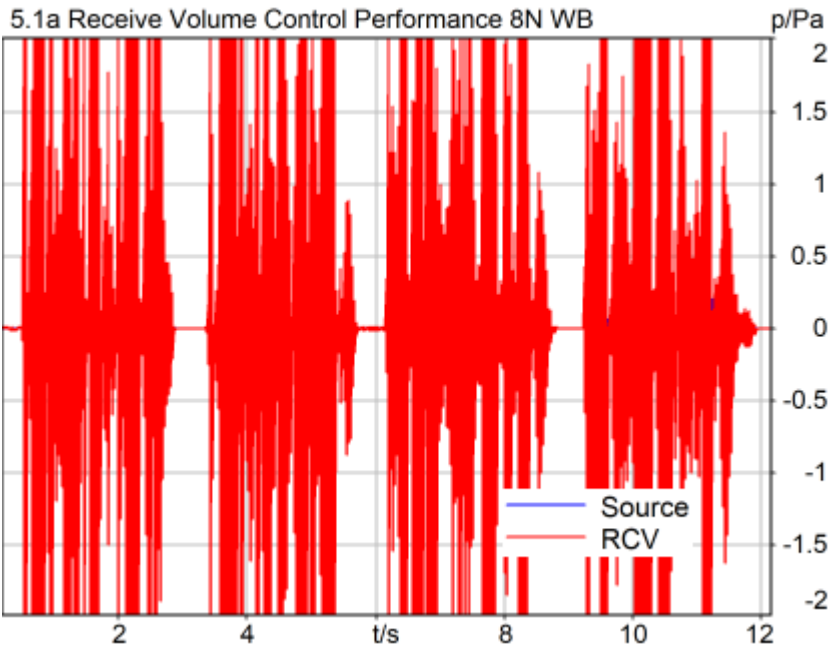


Channel	Delay
RCV*Source	169.6 ms

2025/3/18 13:53 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	91.91 dB[SPL]	83.92%	21.91 dB[SPL]	Ok

Ok

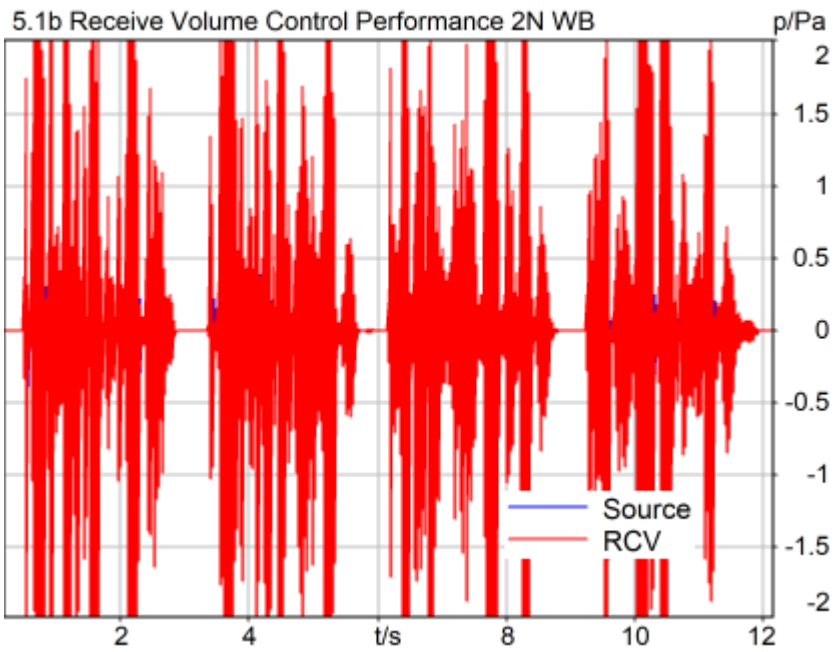
2025/3/18 13:53 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.50 dB[SPL]	84.35%	16.50 dB[SPL]	Ok

Ok

2025/3/18 13:55 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n5_DFT-QPSK20M_1_1_EVS WB 9.6kbps_CH167300
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:17
Responsible Person	audio

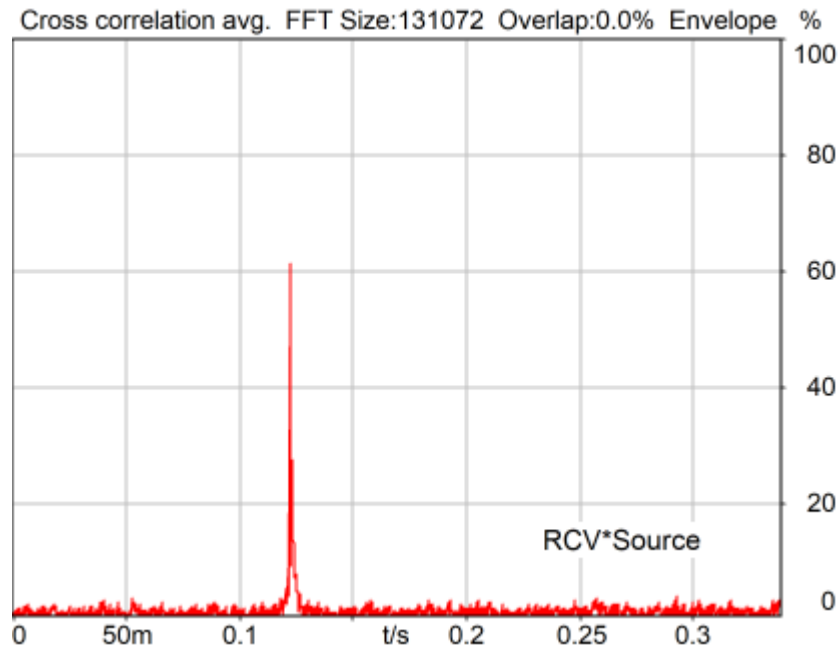
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	122.5	HUHAO_2403_n5_DFT-QPSK20M_1_1_EVS WB 9.6kbps_CH167300
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.90	HUHAO_2403_n5_DFT-QPSK20M_1_1_EVS WB 9.6kbps_CH167300
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.39	HUHAO_2403_n5_DFT-QPSK20M_1_1_EVS WB 9.6kbps_CH167300

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

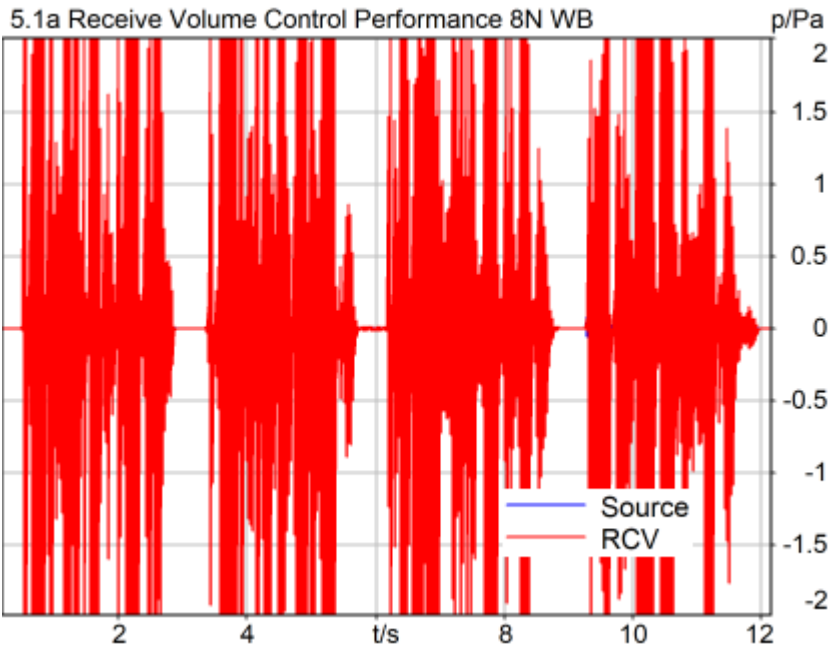


Channel	Delay
RCV*Source	122.5 ms

2025/2/10 13:23 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	91.90 dB[SPL]	84.15%	21.90 dB[SPL]	Ok

Ok

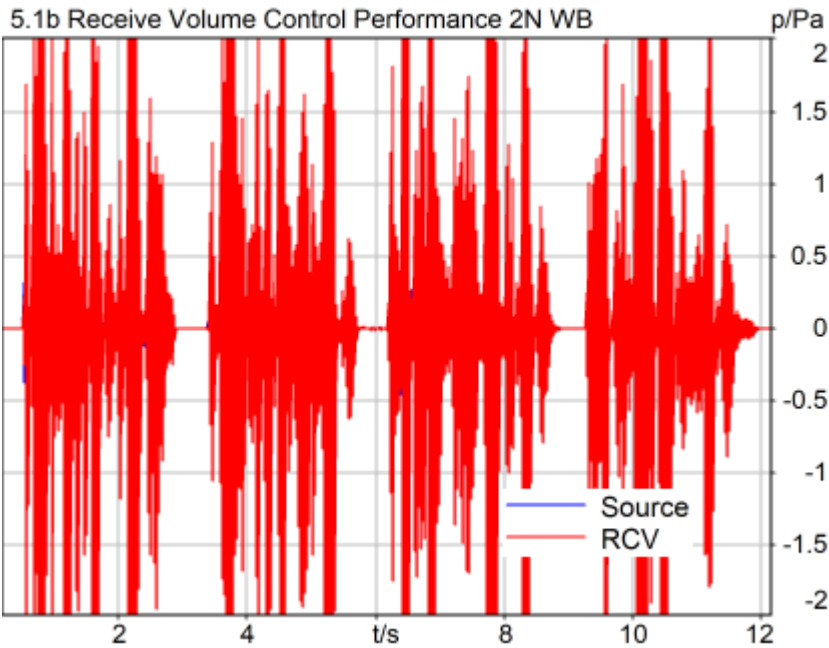
2025/2/10 13:24 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.39 dB[SPL]	84.38%	16.39 dB[SPL]	Ok

Ok

2025/2/10 13:25 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n66_DFT-QPSK30M_1_1_AMR NB 4.75kbps_CH349000
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 13:50
Responsible Person	audio

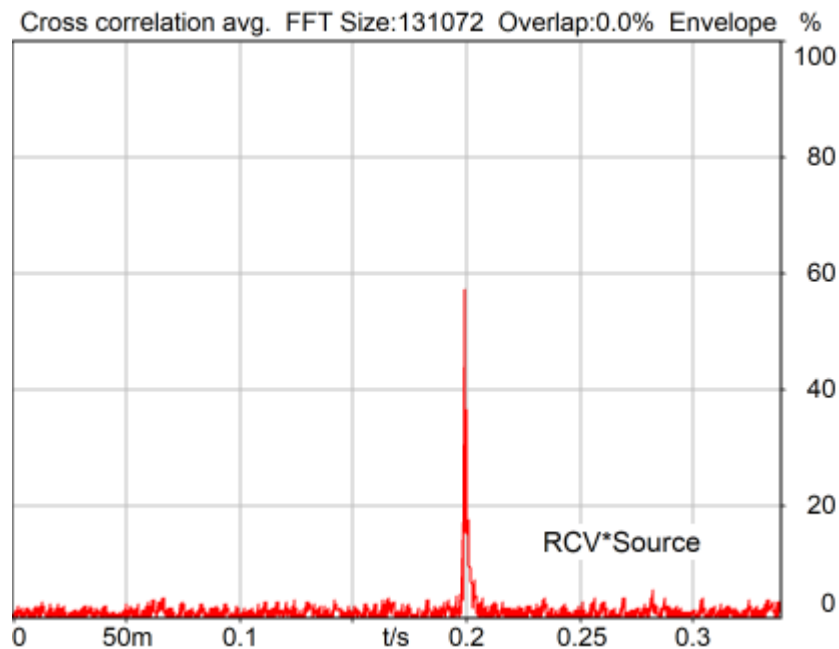
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	199.4	HUHAO_2403_n66_DFT-QPSK30M_1_1_AMR NB 4.75kbps_CH349000
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	20.68	HUHAO_2403_n66_DFT-QPSK30M_1_1_AMR NB 4.75kbps_CH349000
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	15.54	HUHAO_2403_n66_DFT-QPSK30M_1_1_AMR NB 4.75kbps_CH349000

Overall Receive Delay NB	4
5.1a Receive Volume Control Performance 8N NB	4
5.1b Receive Volume Control Performance 2N NB	5

Overall Receive Delay NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ Preparation - Delay measurement

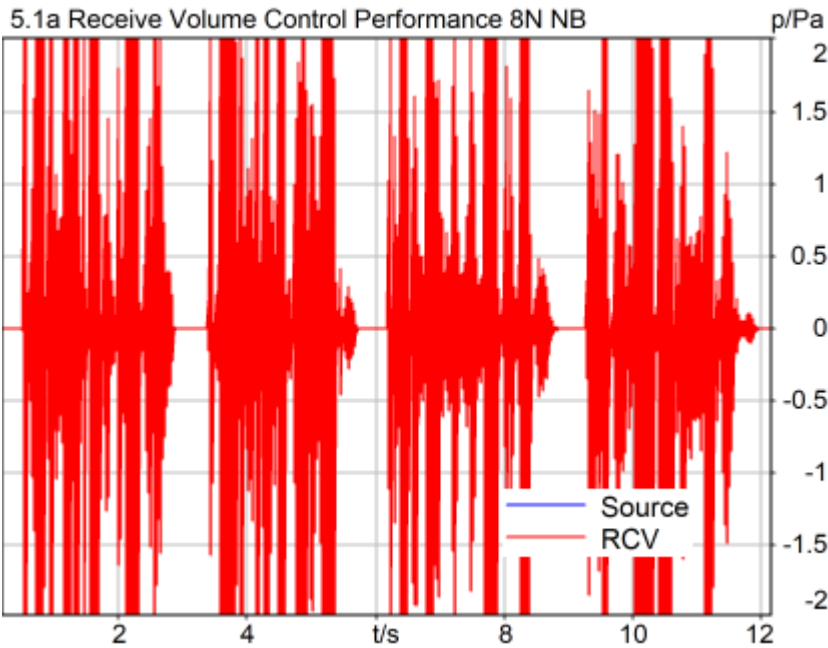


Channel	Delay
RCV*Source	199.4 ms

2025/2/10 10:46 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	90.68 dB[SPL]	80.73%	20.68 dB[SPL]	Ok

Ok

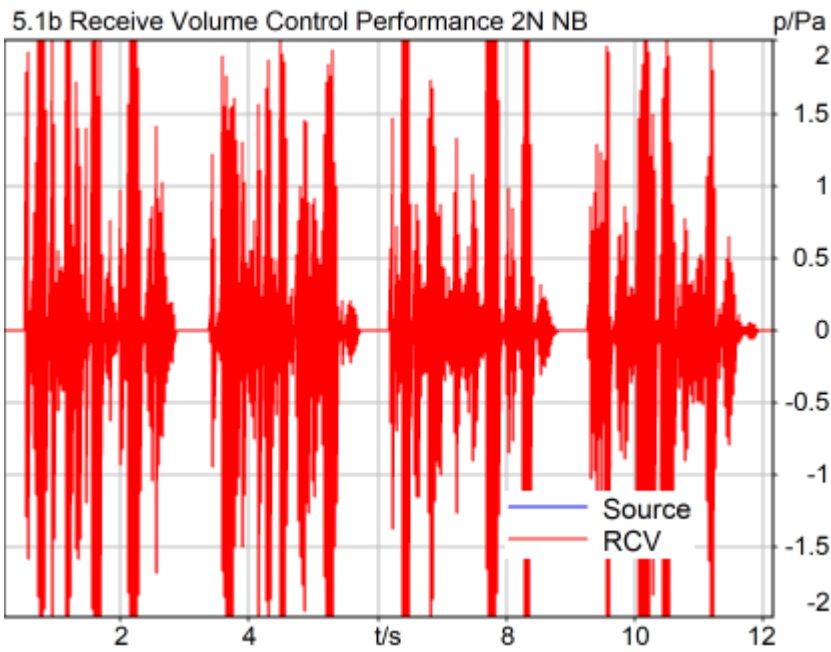
2025/2/10 10:46 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	85.54 dB[SPL]	80.56%	15.54 dB[SPL]	Ok

Ok

2025/2/10 10:47 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n66_DFT-QPSK30M_1_1_AMR NB 12.2kbps_CH349000
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 13:50
Responsible Person	audio

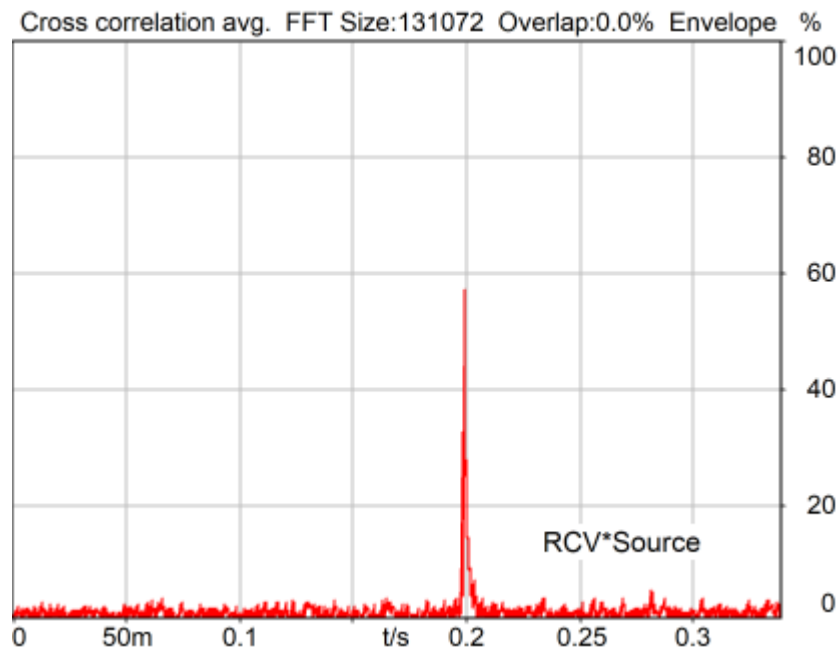
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	199.2	HUHAO_2403_n66_DFT-QPSK30M_1_1_AMR NB 12.2kbps_CH349000
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	20.78	HUHAO_2403_n66_DFT-QPSK30M_1_1_AMR NB 12.2kbps_CH349000
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	15.57	HUHAO_2403_n66_DFT-QPSK30M_1_1_AMR NB 12.2kbps_CH349000

Overall Receive Delay NB	4
5.1a Receive Volume Control Performance 8N NB	4
5.1b Receive Volume Control Performance 2N NB	5

Overall Receive Delay NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ Preparation - Delay measurement

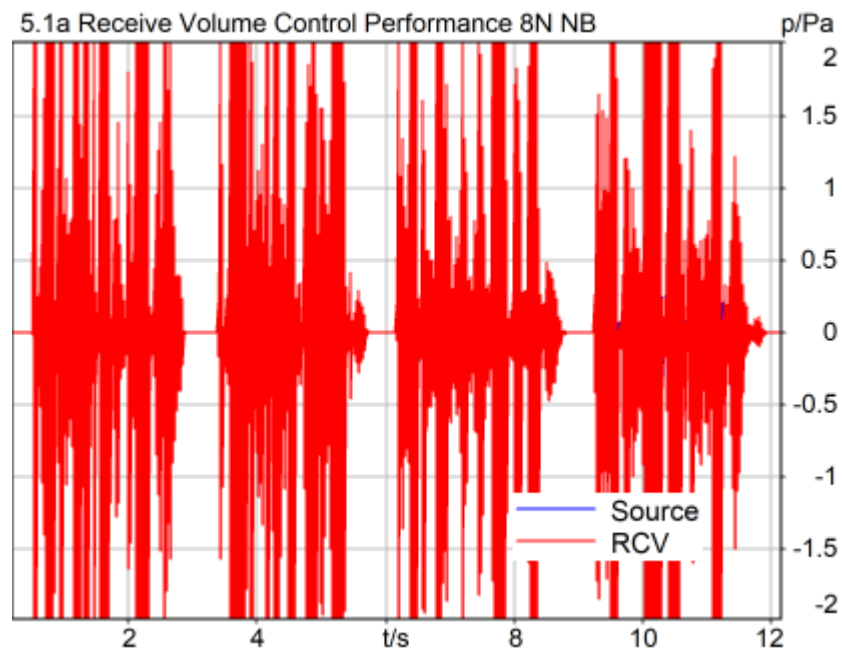


Channel	Delay
RCV*Source	199.2 ms

2025/2/10 10:45 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	90.78 dB[SPL]	80.67%	20.78 dB[SPL]	Ok

Ok

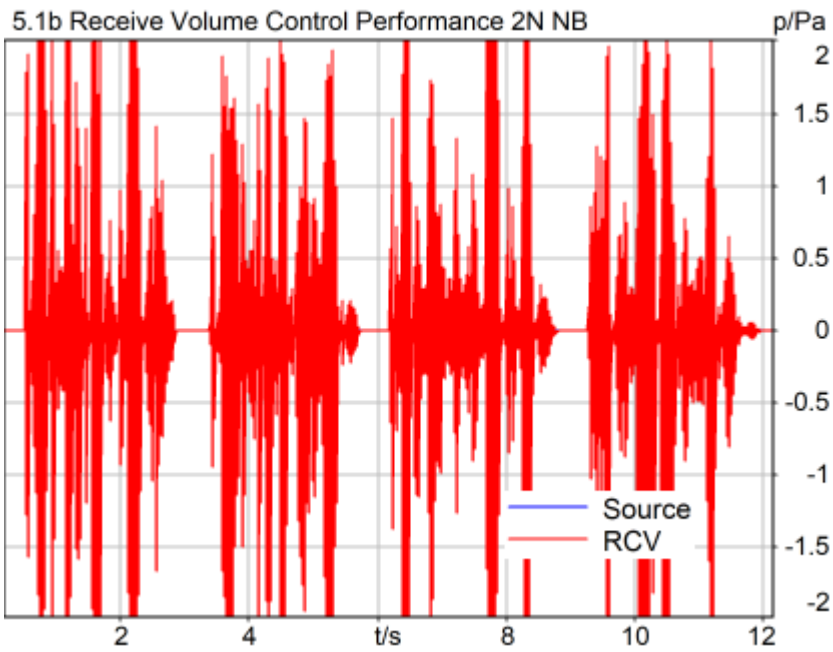
2025/2/10 10:45 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	85.57 dB[SPL]	80.65%	15.57 dB[SPL]	Ok

Ok

2025/2/10 10:48 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n66_DFT-QPSK30M_1_1_AMR WB 6.6kbps_CH349000
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 13:50
Responsible Person	audio

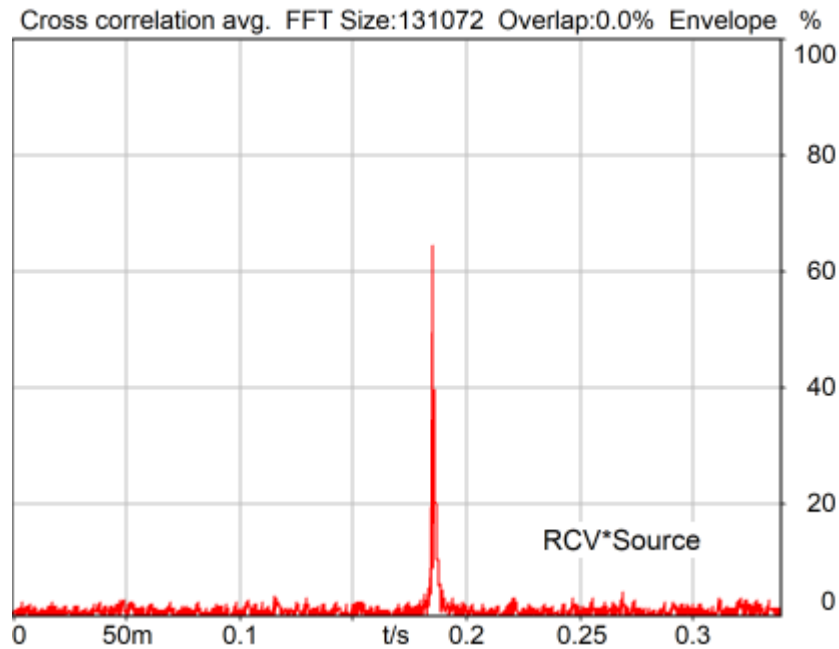
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	186.0	HUHAO_2403_n66_DFT-QPSK30M_1_1_AMR WB 6.6kbps_CH349000
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	22.24	HUHAO_2403_n66_DFT-QPSK30M_1_1_AMR WB 6.6kbps_CH349000
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.99	HUHAO_2403_n66_DFT-QPSK30M_1_1_AMR WB 6.6kbps_CH349000

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

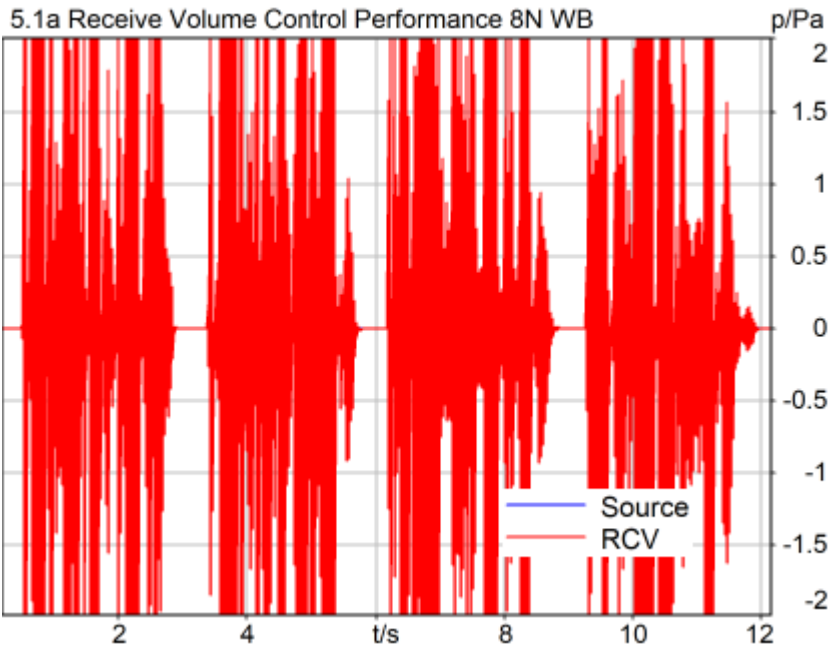


Channel	Delay
RCV*Source	186.0 ms

2025/2/10 10:52 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	92.24 dB[SPL]	83.78%	22.24 dB[SPL]	Ok

Ok

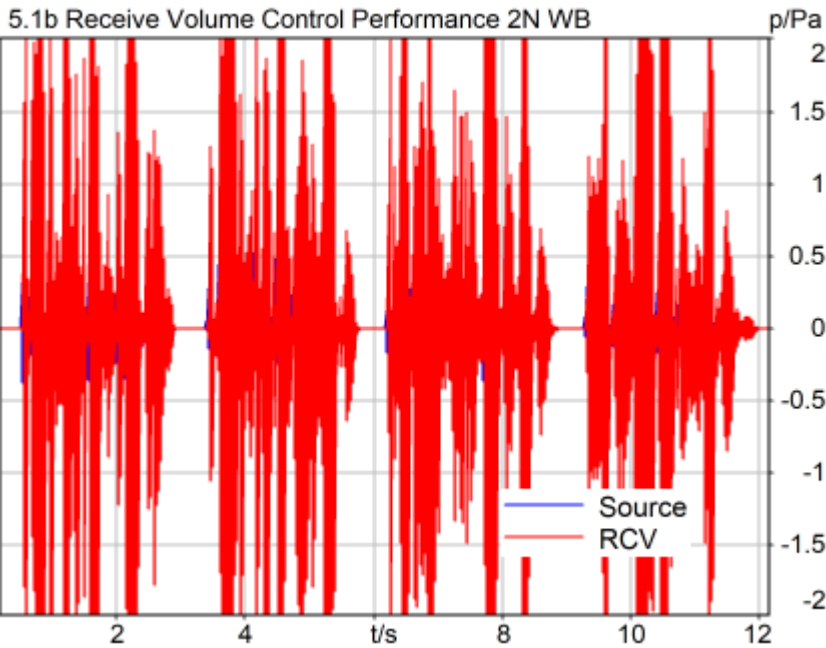
2025/2/10 10:52 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.99 dB[SPL]	84.06%	16.99 dB[SPL]	Ok

Ok

2025/2/10 10:52 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n66_DFT-QPSK30M_1_1_AMR WB 23.85kbps_CH349000
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 13:51
Responsible Person	audio

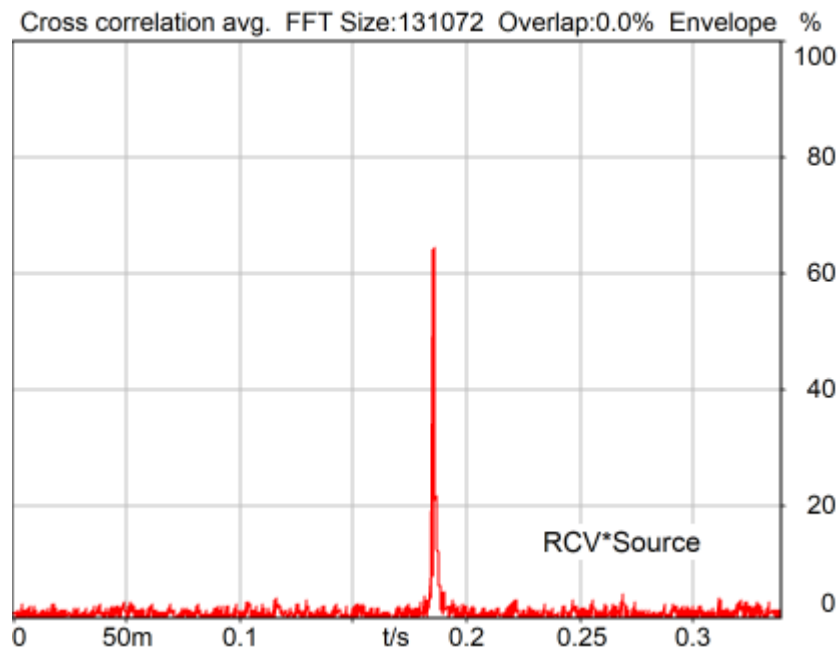
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	186.1	HUHAO_2403_n66_DFT-QPSK30M_1_1_AMR WB 23.85kbps_CH349000
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	22.18	HUHAO_2403_n66_DFT-QPSK30M_1_1_AMR WB 23.85kbps_CH349000
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.93	HUHAO_2403_n66_DFT-QPSK30M_1_1_AMR WB 23.85kbps_CH349000

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

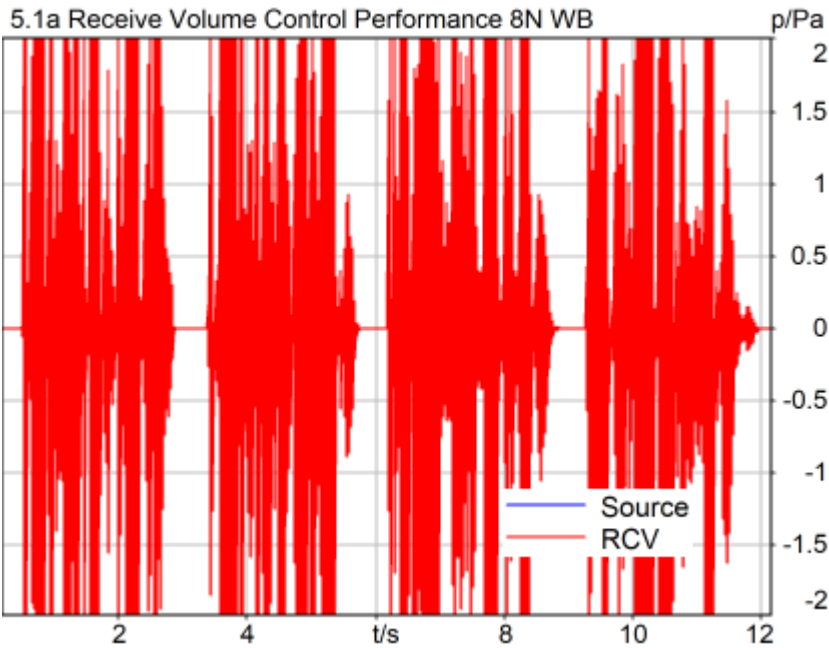


Channel	Delay
RCV*Source	186.1 ms

2025/2/10 10:53 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	92.18 dB[SPL]	84.11%	22.18 dB[SPL]	Ok

Ok

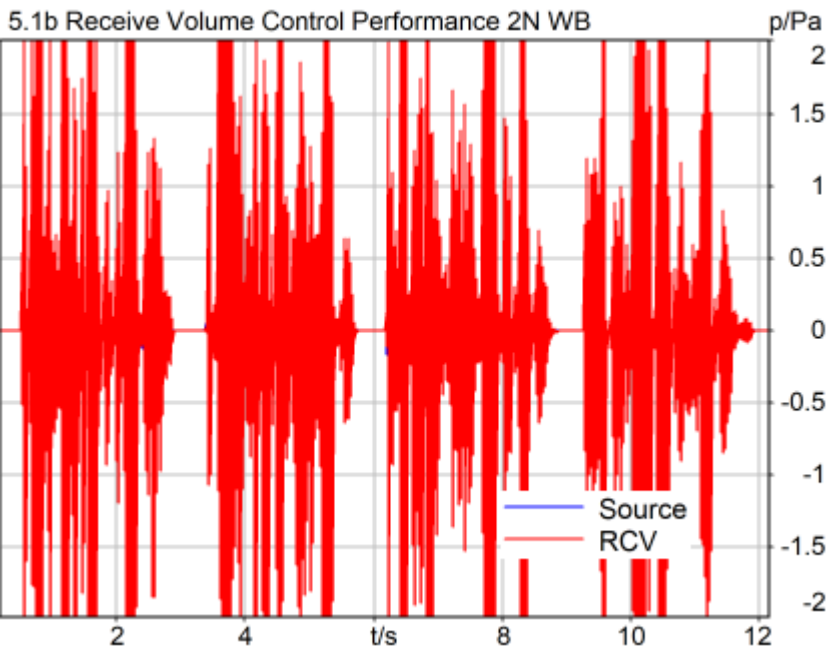
2025/2/10 10:53 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.93 dB[SPL]	84.06%	16.93 dB[SPL]	Ok

Ok

2025/2/10 10:50 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n66_DFT-QPSK30M_1_1_EVS NB 5.9kbps_CH349000
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 13:51
Responsible Person	audio

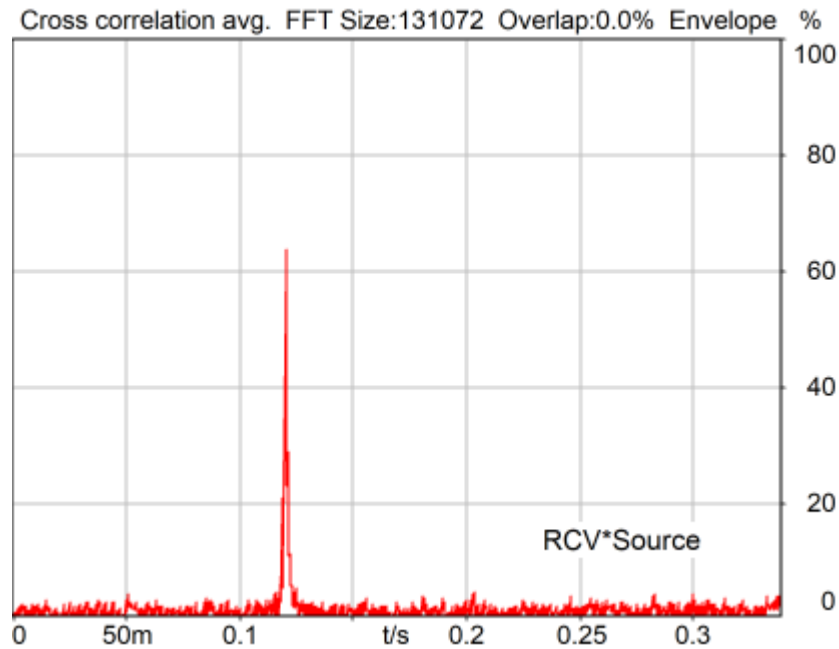
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	120.4	HUHAO_2403_n66_DFT-QPSK30M_1_1_EVS NB 5.9kbps_CH349000
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	21.98	HUHAO_2403_n66_DFT-QPSK30M_1_1_EVS NB 5.9kbps_CH349000
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	16.53	HUHAO_2403_n66_DFT-QPSK30M_1_1_EVS NB 5.9kbps_CH349000

Overall Receive Delay NB	4
5.1a Receive Volume Control Performance 8N NB	4
5.1b Receive Volume Control Performance 2N NB	5

Overall Receive Delay NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ Preparation - Delay measurement

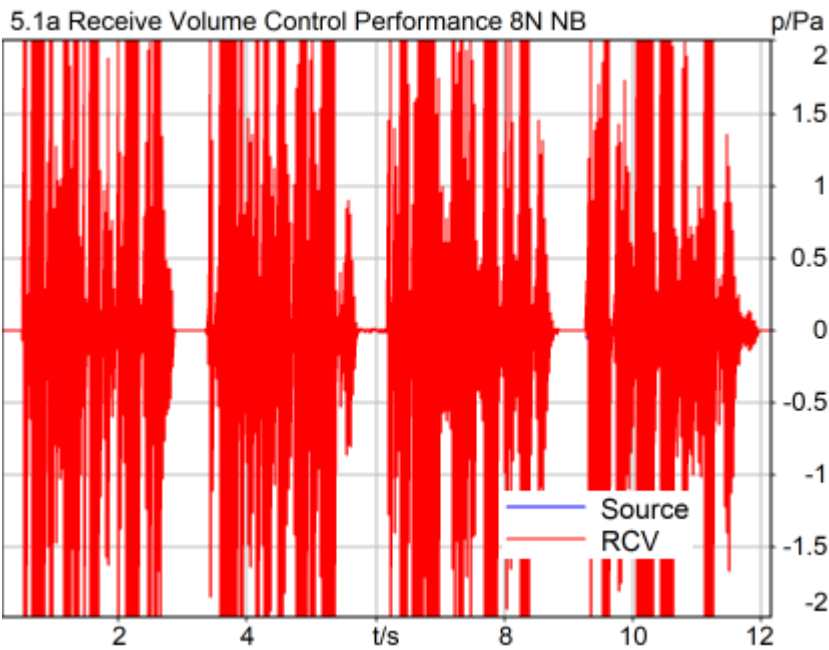


Channel	Delay
RCV*Source	120.4 ms

2025/2/10 9:52 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	91.98 dB[SPL]	84.08%	21.98 dB[SPL]	Ok

Ok

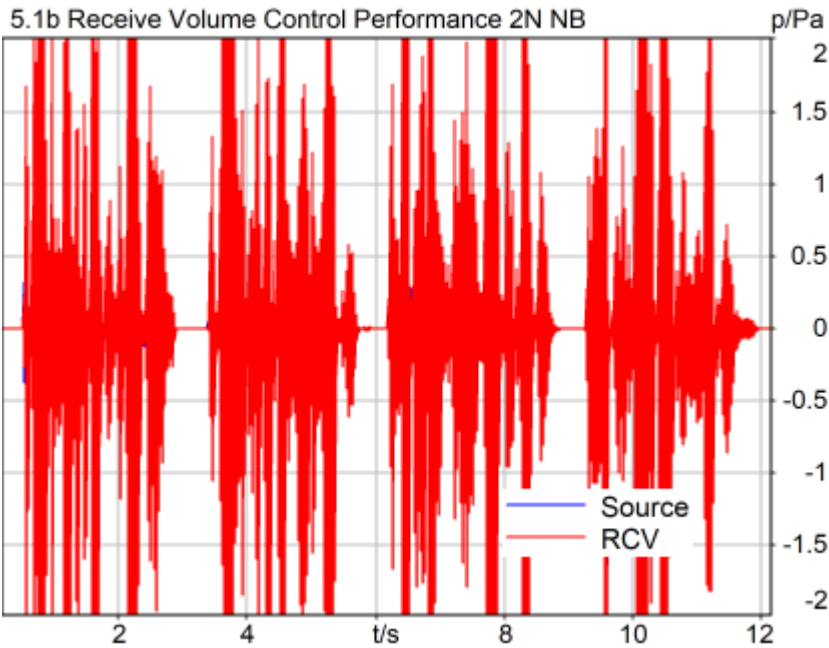
2025/2/10 9:52 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.53 dB[SPL]	84.29%	16.53 dB[SPL]	Ok

Ok

2025/2/10 9:53 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n66_DFT-QPSK30M_1_1_EVS SWB 9.6kbps_CH349000
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 13:52
Responsible Person	audio

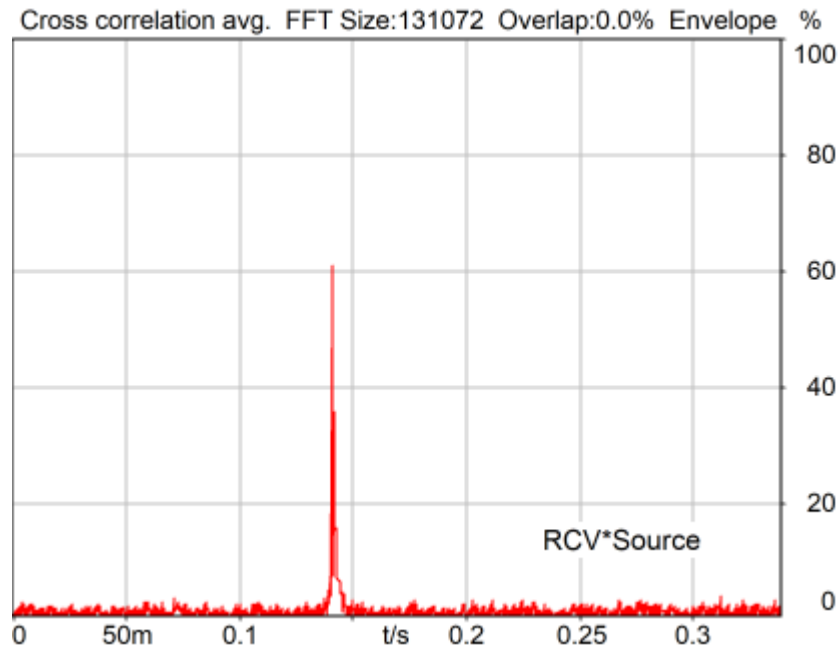
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	141.9	HUHAO_2403_n66_DFT-QPSK30M_1_1_EVS SWB 9.6kbps_CH349000
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.81	HUHAO_2403_n66_DFT-QPSK30M_1_1_EVS SWB 9.6kbps_CH349000
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.26	HUHAO_2403_n66_DFT-QPSK30M_1_1_EVS SWB 9.6kbps_CH349000

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

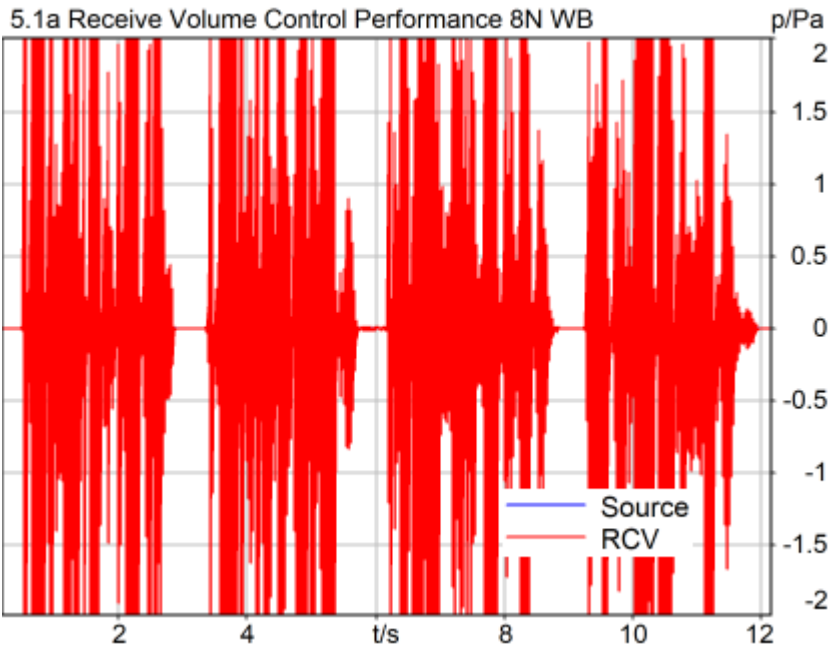


Channel	Delay
RCV*Source	141.9 ms

2025/3/18 14:12 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	91.81 dB[SPL]	84.14%	21.81 dB[SPL]	Ok

Ok

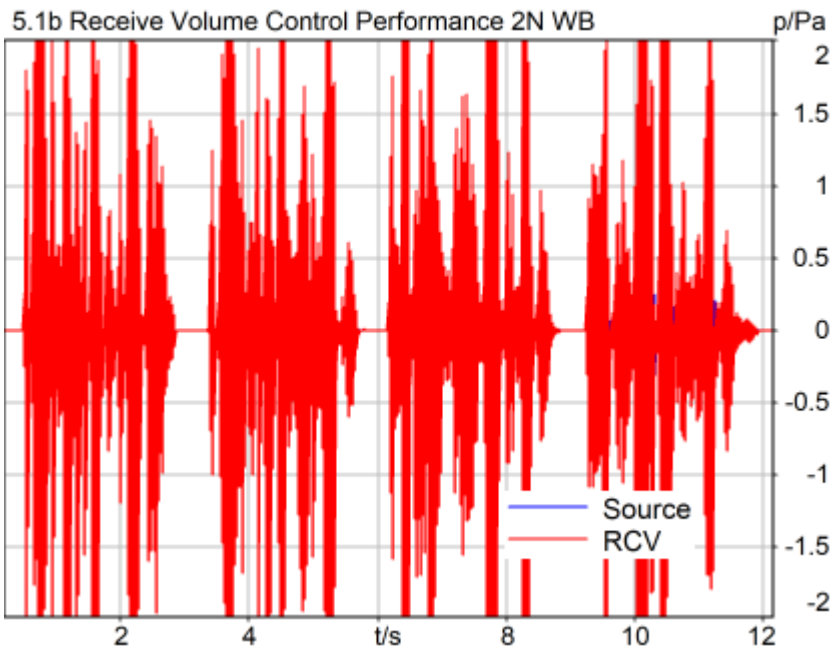
2025/3/18 14:13 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.26 dB[SPL]	84.45%	16.26 dB[SPL]	Ok

Ok

2025/3/18 14:11 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n66_DFT-QPSK30M_1_1_EVS SWB 128kbps_CH349000
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 13:53
Responsible Person	audio

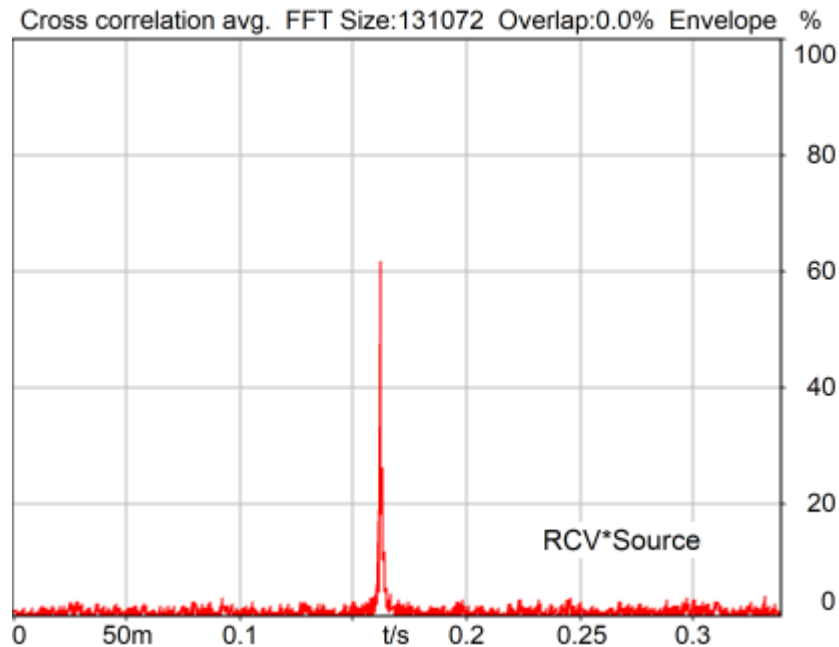
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	162.6	HUHAO_2403_n66_DFT-QPSK30M_1_1_EVS SWB 128kbps_CH349000
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.74	HUHAO_2403_n66_DFT-QPSK30M_1_1_EVS SWB 128kbps_CH349000
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.50	HUHAO_2403_n66_DFT-QPSK30M_1_1_EVS SWB 128kbps_CH349000

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

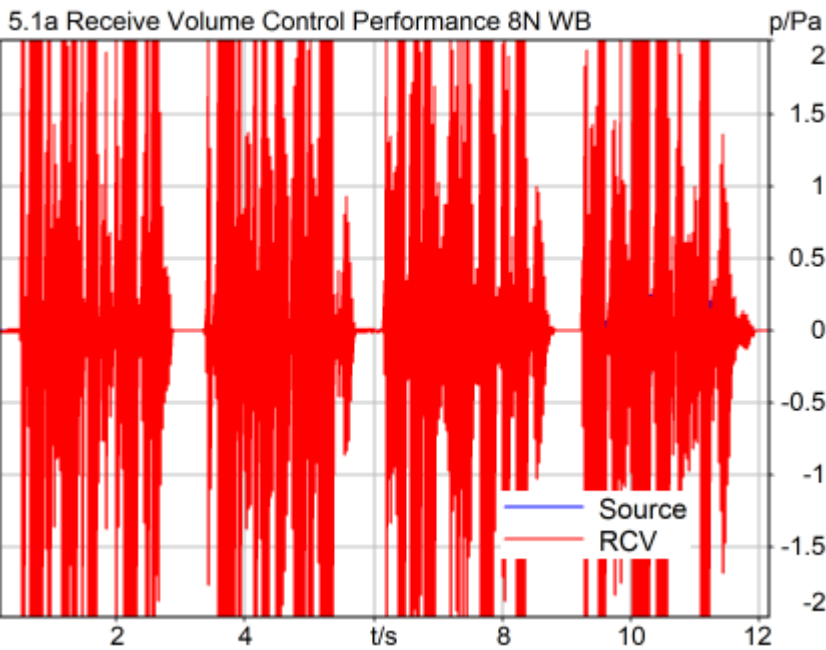


Channel	Delay
RCV*Source	162.6 ms

2025/3/18 14:16 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	91.74 dB[SPL]	84.39%	21.74 dB[SPL]	Ok

Ok

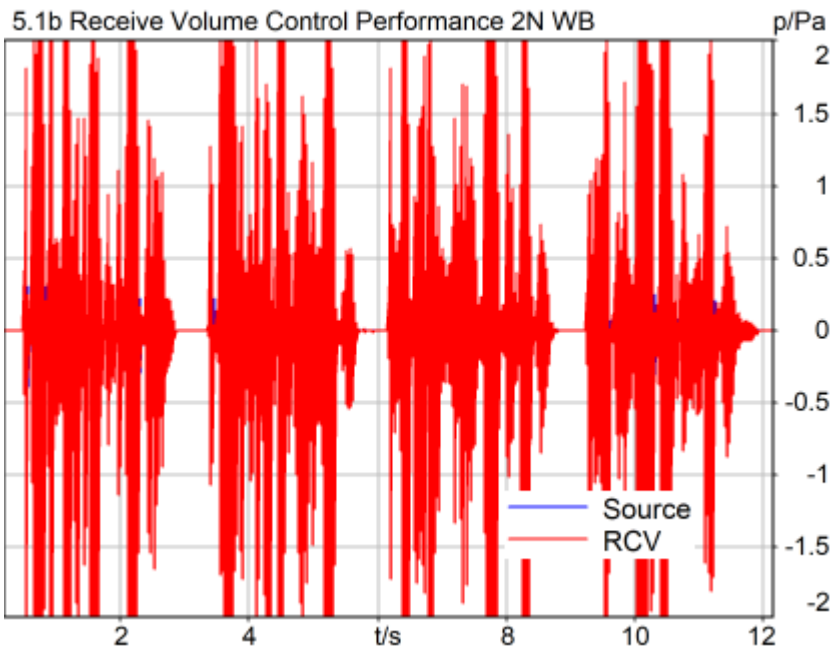
2025/3/18 14:17 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.50 dB[SPL]	84.52%	16.50 dB[SPL]	Ok

Ok

2025/3/18 14:18 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n66_DFT-QPSK30M_1_1_EVS WB 9.6kbps_CH349000
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 13:52
Responsible Person	audio

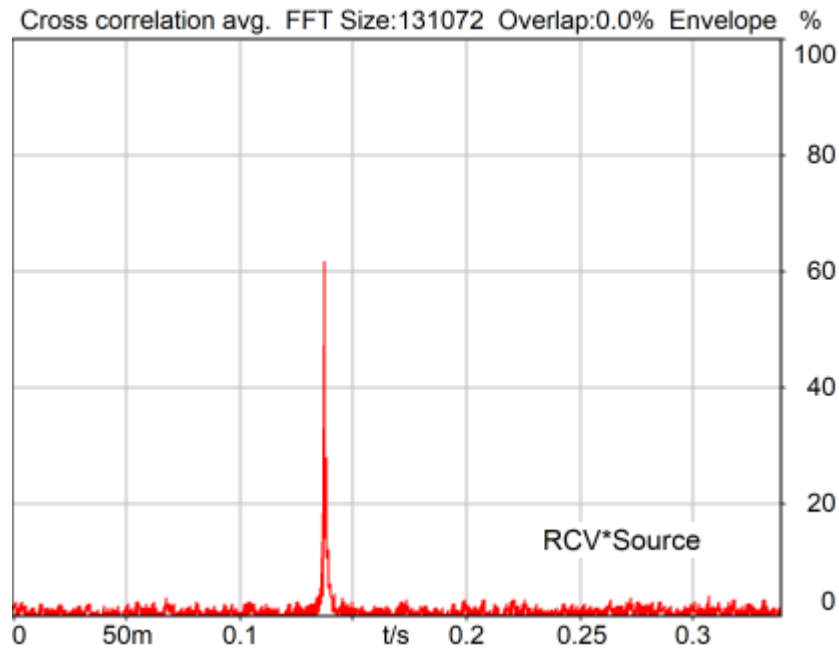
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	137.9	HUHAO_2403_n66_DFT-QPSK30M_1_1_EVS WB 9.6kbps_CH349000
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.82	HUHAO_2403_n66_DFT-QPSK30M_1_1_EVS WB 9.6kbps_CH349000
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.29	HUHAO_2403_n66_DFT-QPSK30M_1_1_EVS WB 9.6kbps_CH349000

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

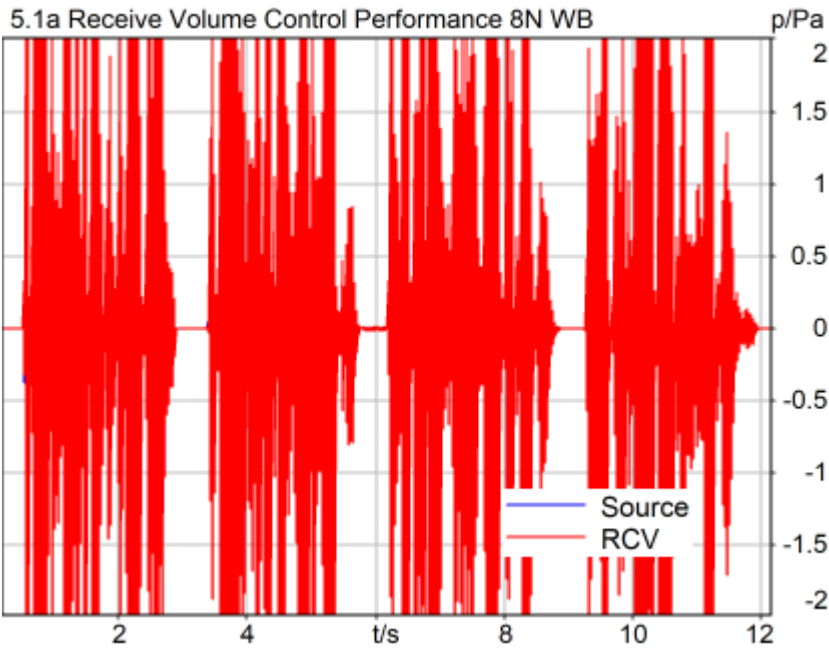


Channel	Delay
RCV*Source	137.9 ms

2025/2/10 10:42 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	91.82 dB[SPL]	84.10%	21.82 dB[SPL]	Ok

Ok

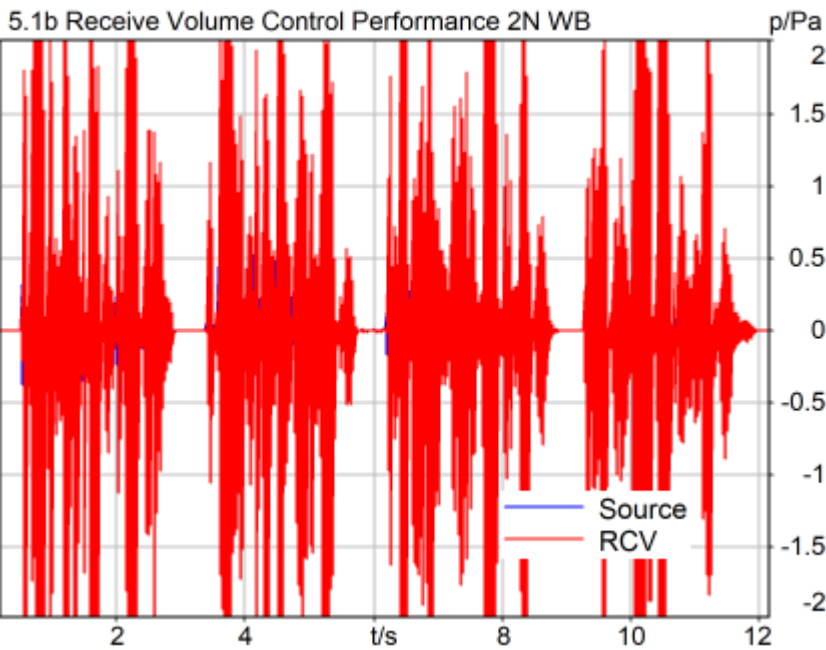
2025/2/10 10:42 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.29 dB[SPL]	84.39%	16.29 dB[SPL]	Ok

Ok

2025/2/10 10:42 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR NB 4.75kbps_CH633334
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 13:53
Responsible Person	audio

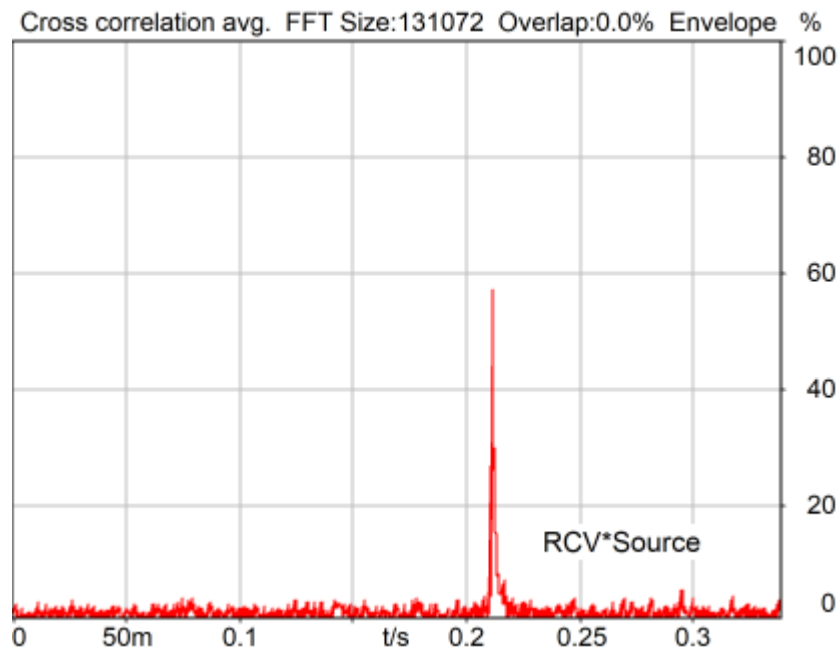
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	212.1	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR NB 4.75kbps_CH633334
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	20.48	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR NB 4.75kbps_CH633334
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	15.53	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR NB 4.75kbps_CH633334

Overall Receive Delay NB	4
5.1a Receive Volume Control Performance 8N NB	4
5.1b Receive Volume Control Performance 2N NB	5

Overall Receive Delay NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ Preparation - Delay measurement

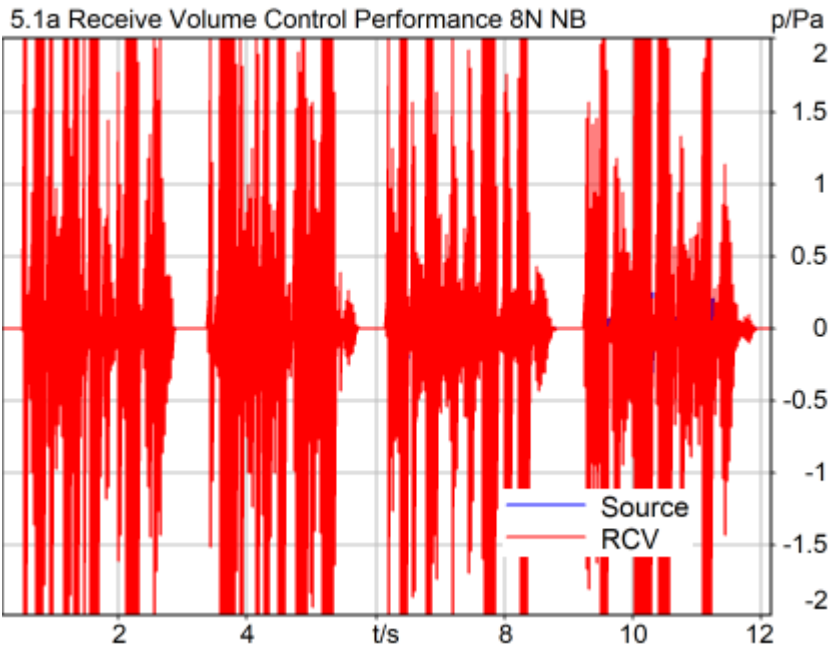


Channel	Delay
RCV*Source	212.1 ms

2025/2/14 14:48 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	90.48 dB[SPL]	80.59%	20.48 dB[SPL]	Ok

Ok

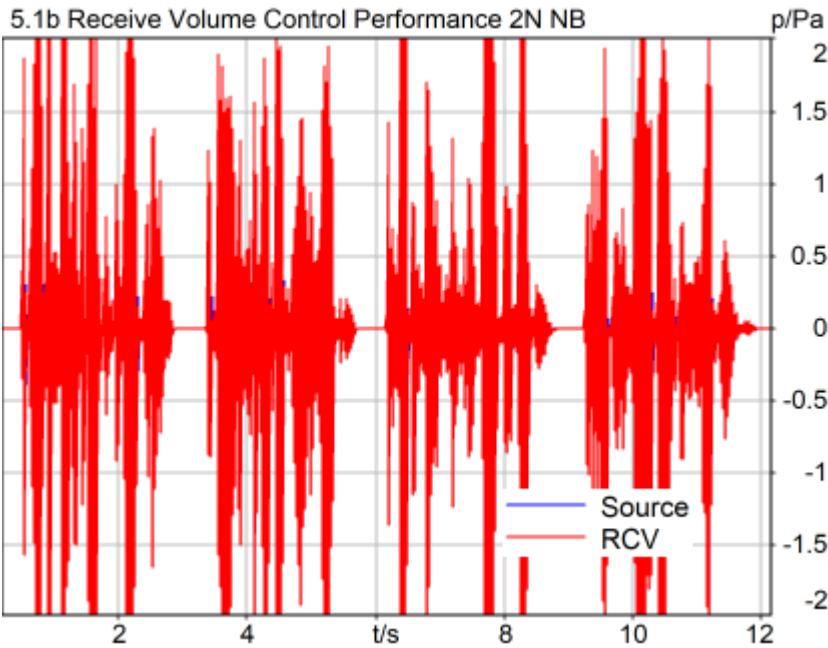
2025/2/14 14:48 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	85.53 dB[SPL]	80.41%	15.53 dB[SPL]	Ok

Ok

2025/2/14 14:52 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR NB 4.75kbps_CH656000
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 13:57
Responsible Person	audio

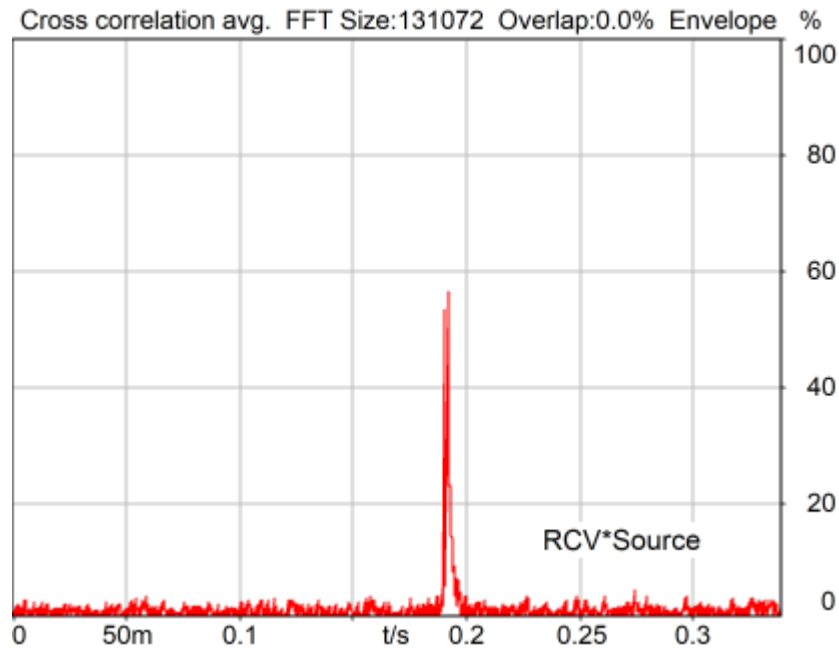
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	191.7	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR NB 4.75kbps_CH656000
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	20.55	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR NB 4.75kbps_CH656000
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	15.39	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR NB 4.75kbps_CH656000

Overall Receive Delay NB	4
5.1a Receive Volume Control Performance 8N NB	4
5.1b Receive Volume Control Performance 2N NB	5

Overall Receive Delay NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ Preparation - Delay measurement

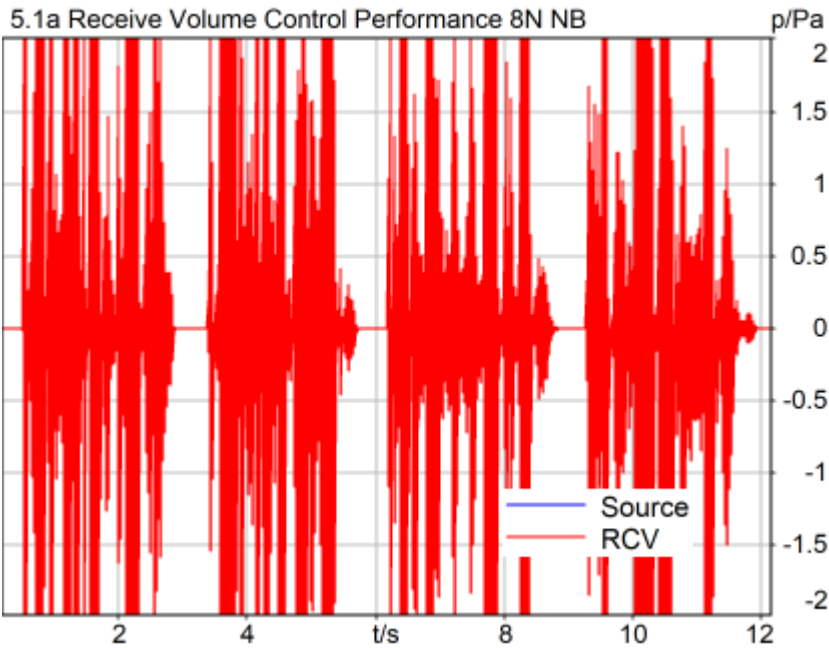


Channel	Delay
RCV*Source	191.7 ms

2025/2/10 15:25 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	90.55 dB[SPL]	81.84%	20.55 dB[SPL]	Ok

Ok

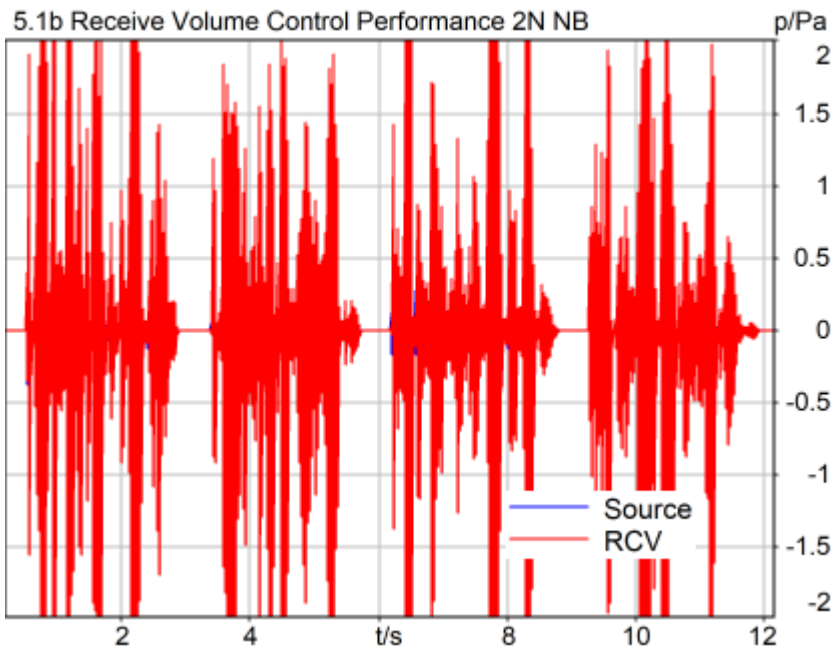
2025/2/10 15:25 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	85.39 dB[SPL]	80.46%	15.39 dB[SPL]	Ok

Ok

2025/2/10 15:19 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR NB 12.2kbps_CH633334
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 13:54
Responsible Person	audio

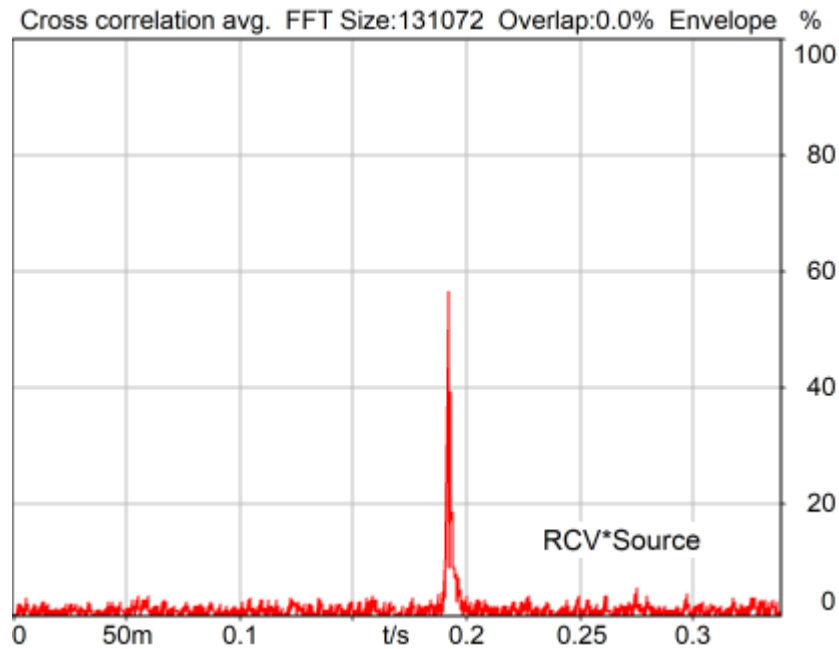
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	192.2	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR NB 12.2kbps_CH633334
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	20.41	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR NB 12.2kbps_CH633334
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	15.83	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR NB 12.2kbps_CH633334

Overall Receive Delay NB	4
5.1a Receive Volume Control Performance 8N NB	4
5.1b Receive Volume Control Performance 2N NB	5

Overall Receive Delay NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ Preparation - Delay measurement

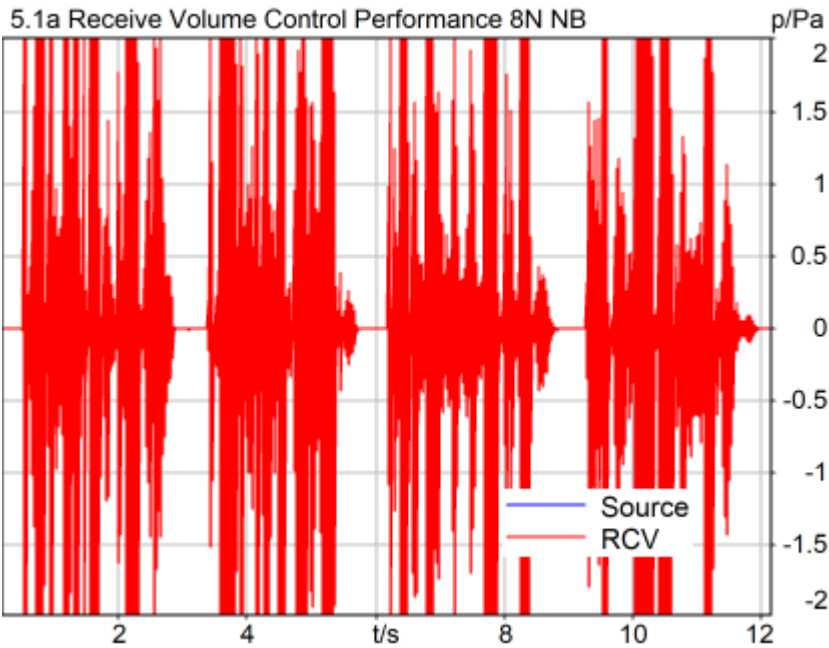


Channel	Delay
RCV*Source	192.2 ms

2025/2/14 14:49 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	90.41 dB[SPL]	80.58%	20.41 dB[SPL]	Ok

Ok

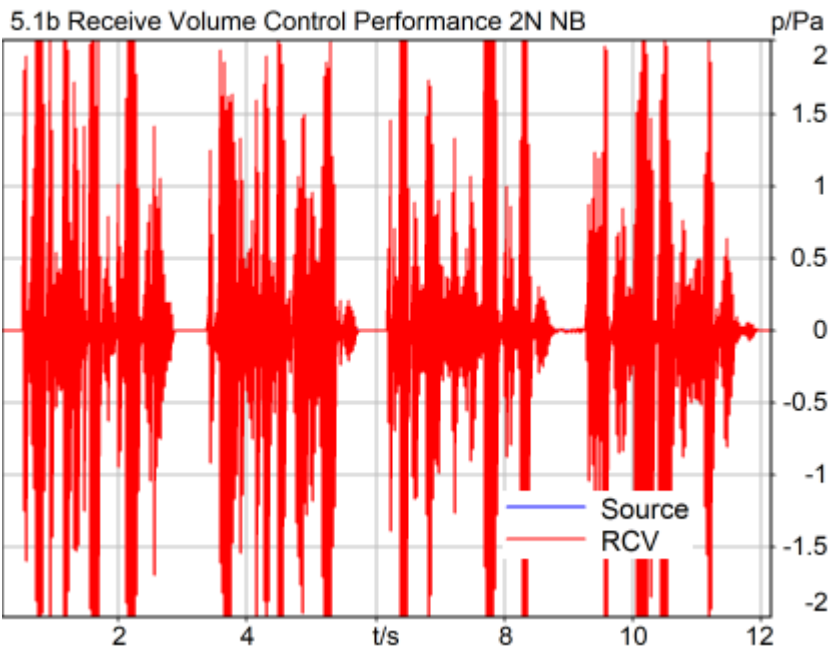
2025/2/14 14:49 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	85.83 dB[SPL]	80.11%	15.83 dB[SPL]	Ok

Ok

2025/2/14 14:51 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR NB 12.2kbps_CH633334_Sample2
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 13:57
Responsible Person	audio

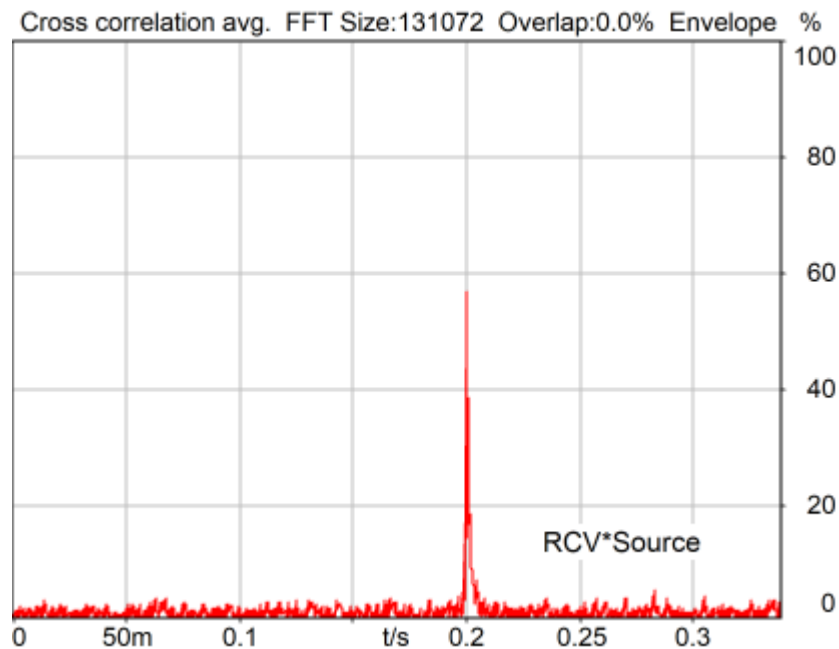
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	200.3	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR NB 12.2kbps_CH633334_Sample2
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	20.88	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR NB 12.2kbps_CH633334_Sample2

Overall Receive Delay NB	4
5.1a Receive Volume Control Performance 8N NB	4

Overall Receive Delay NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ Preparation - Delay measurement

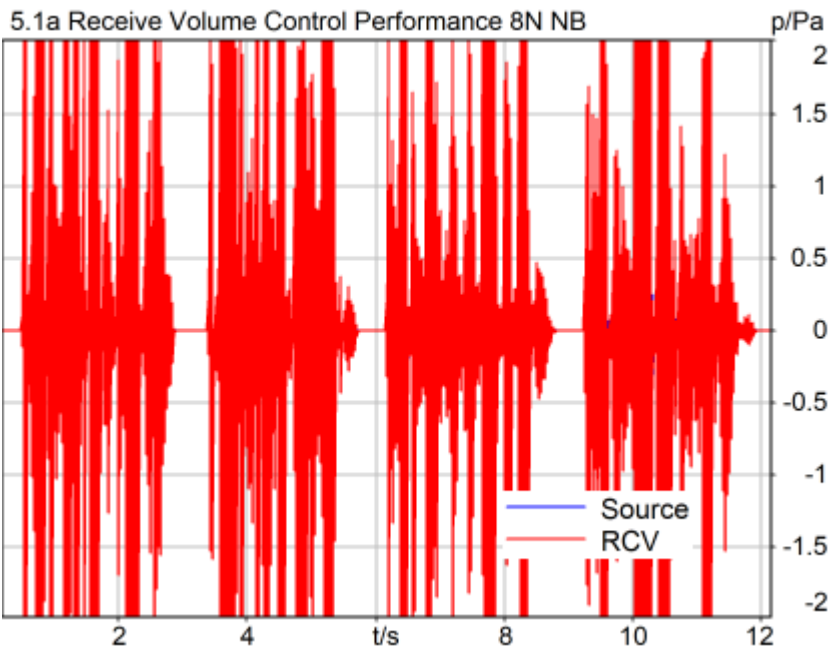


Channel	Delay
RCV*Source	200.3 ms

2025/3/18 16:07 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	90.88 dB[SPL]	80.89%	20.88 dB[SPL]	Ok

Ok

2025/3/18 16:08 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR NB 12.2kbps_CH656000
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 13:58
Responsible Person	audio

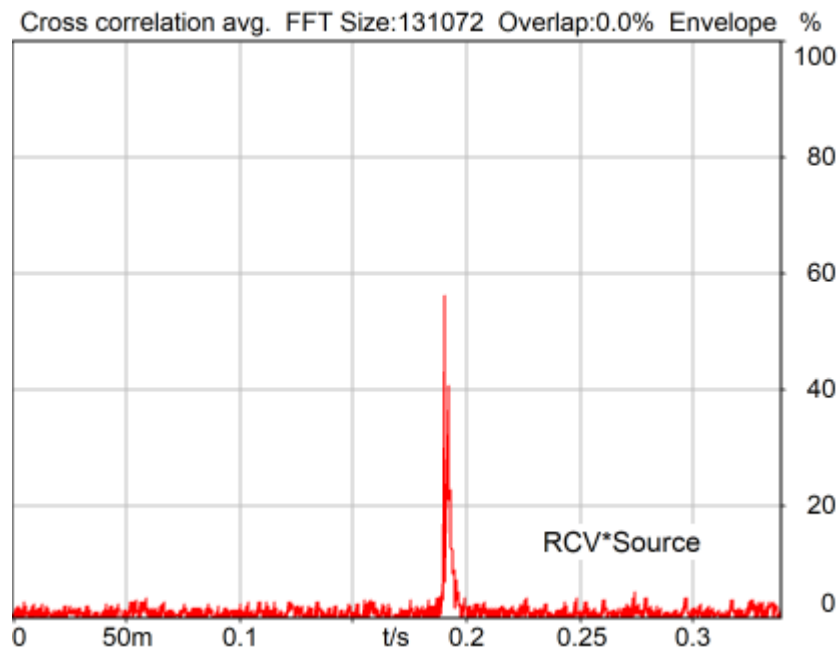
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	191.5	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR NB 12.2kbps_CH656000
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	20.63	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR NB 12.2kbps_CH656000
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	15.42	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR NB 12.2kbps_CH656000

Overall Receive Delay NB	4
5.1a Receive Volume Control Performance 8N NB	4
5.1b Receive Volume Control Performance 2N NB	5

Overall Receive Delay NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ Preparation - Delay measurement

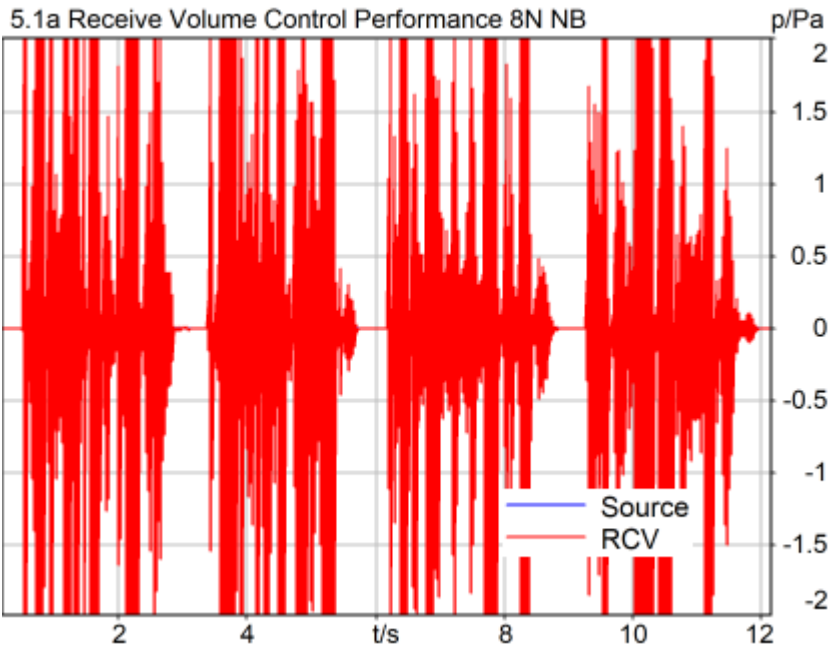


Channel	Delay
RCV*Source	191.5 ms

2025/2/10 15:24 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	90.63 dB[SPL]	80.73%	20.63 dB[SPL]	Ok

Ok

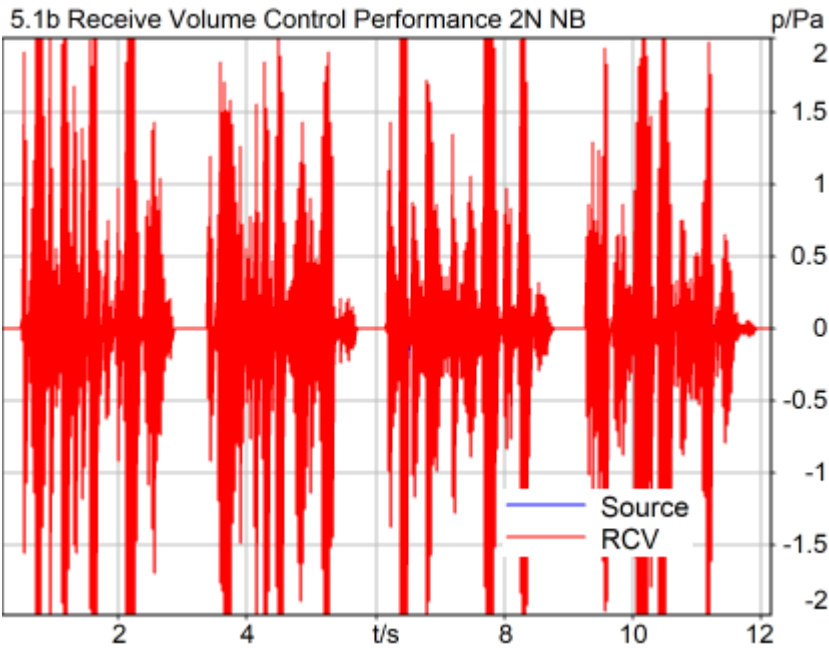
2025/2/10 15:24 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	85.42 dB[SPL]	80.83%	15.42 dB[SPL]	Ok

Ok

2025/2/10 15:20 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR WB 6.6kbps_CH633334
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 13:54
Responsible Person	audio

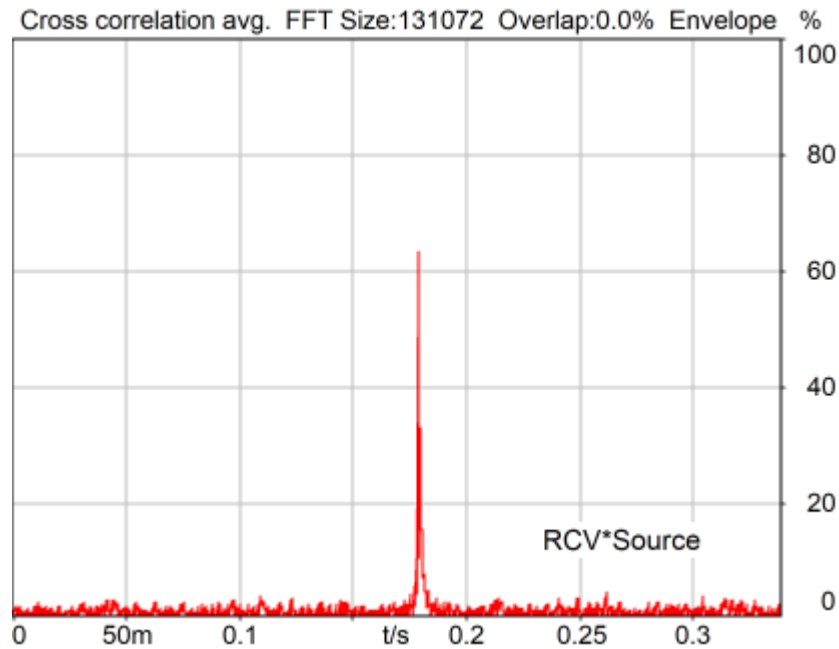
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	179.3	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR WB 6.6kbps_CH633334
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.75	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR WB 6.6kbps_CH633334
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.82	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR WB 6.6kbps_CH633334

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

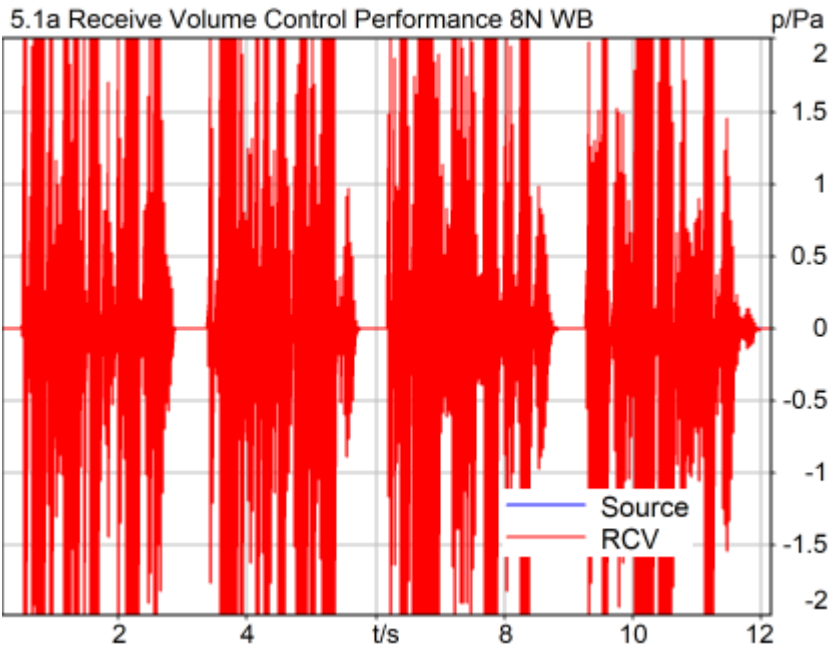


Channel	Delay
RCV*Source	179.3 ms

2025/2/14 14:57 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	91.75 dB[SPL]	84.31%	21.75 dB[SPL]	Ok

Ok

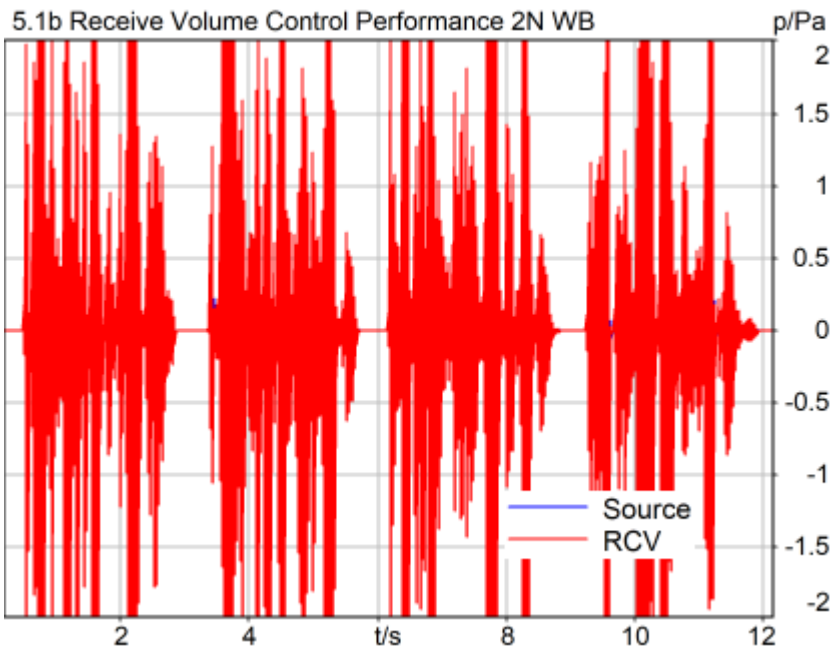
2025/2/14 14:57 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.82 dB[SPL]	84.16%	16.82 dB[SPL]	Ok

Ok

2025/2/14 14:56 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR WB 6.6kbps_CH656000
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 13:59
Responsible Person	audio

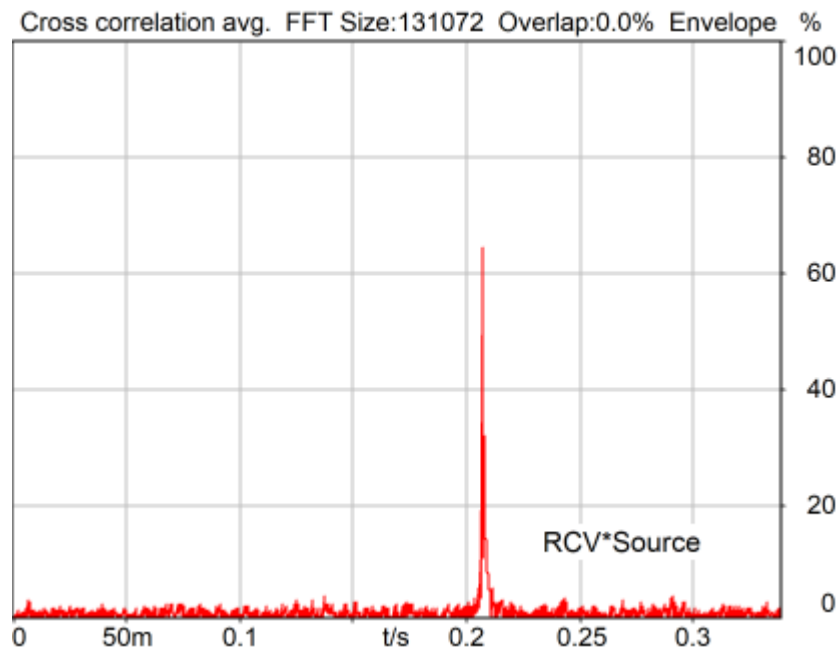
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	207.7	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR WB 6.6kbps_CH656000
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.99	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR WB 6.6kbps_CH656000
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.83	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR WB 6.6kbps_CH656000

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

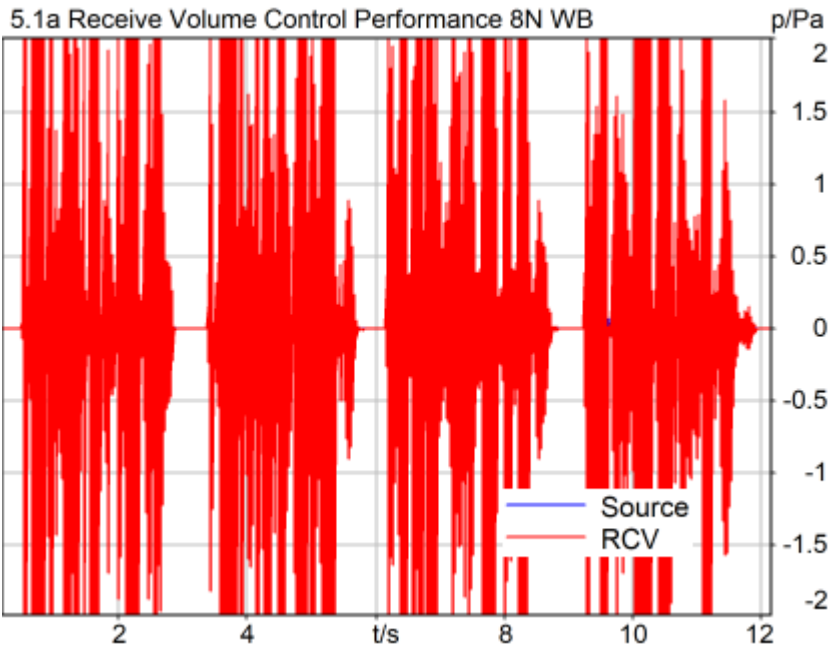


Channel	Delay
RCV*Source	207.7 ms

2025/2/10 15:27 ACQUA 6.0.200
 Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	91.99 dB[SPL]	84.16%	21.99 dB[SPL]	Ok

Ok

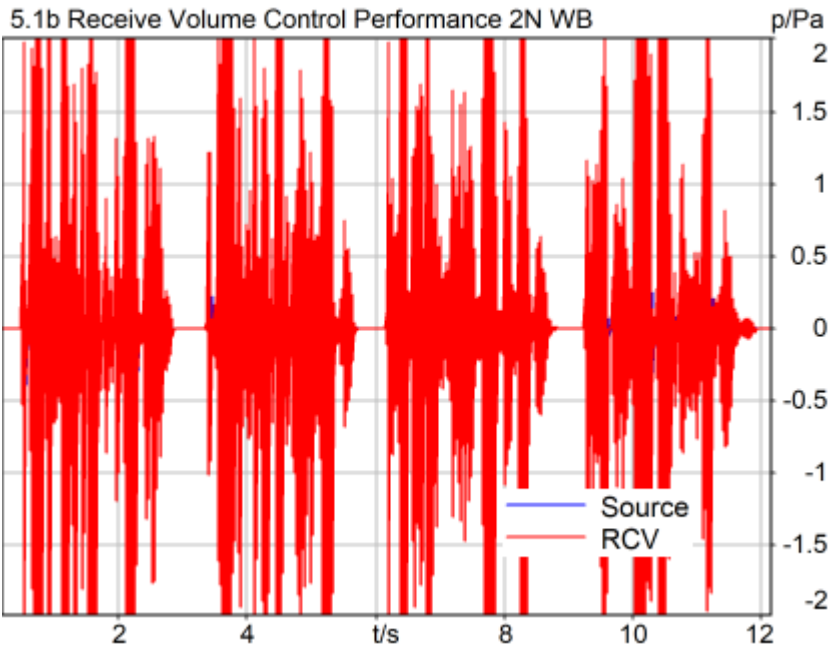
2025/2/10 15:27 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.83 dB[SPL]	84.02%	16.83 dB[SPL]	Ok

Ok

2025/2/10 15:32 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR WB 23.85kbps_CH656000
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 13:55
Responsible Person	audio

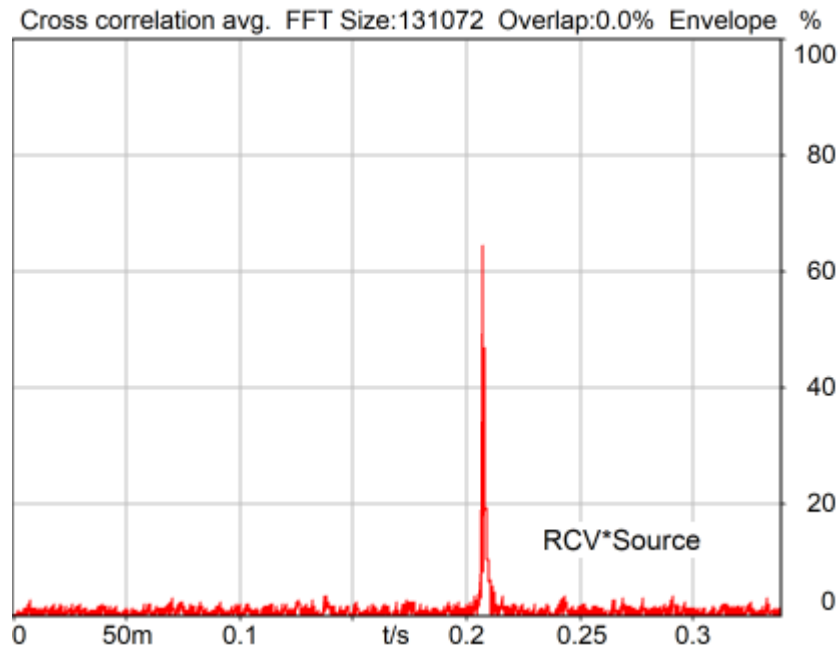
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	208.0	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR WB 23.85kbps_CH656000
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.97	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR WB 23.85kbps_CH656000
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.58	HUHAO_2403_n77_DFT-QPSK100M_1_1_AMR WB 23.85kbps_CH656000

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

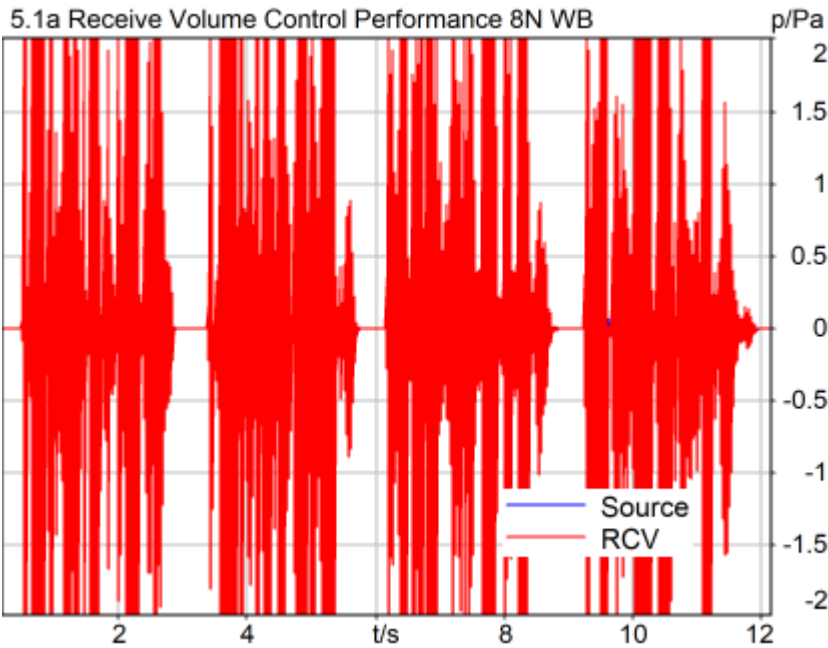


Channel	Delay
RCV*Source	208.0 ms

2025/2/10 15:28 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	91.97 dB[SPL]	84.17%	21.97 dB[SPL]	Ok

Ok

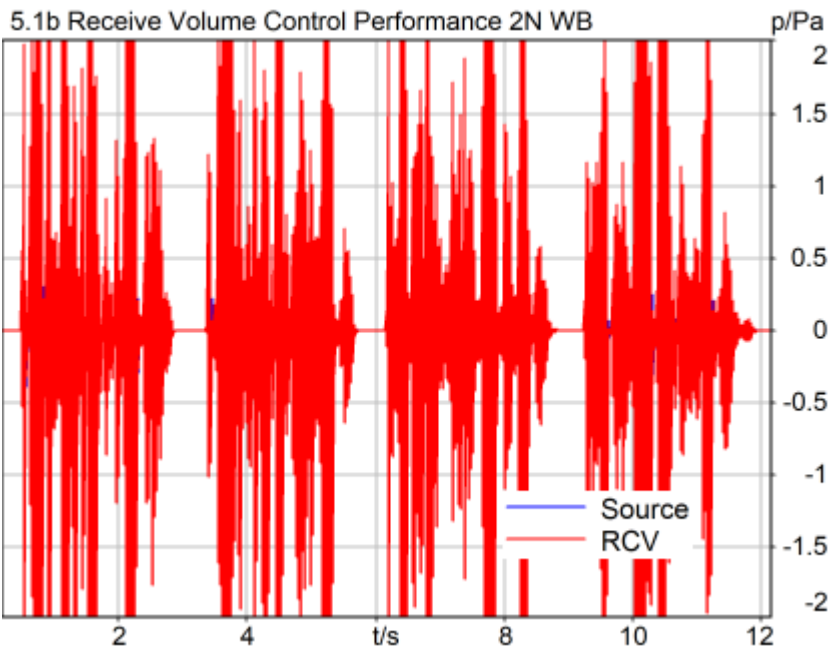
2025/2/10 15:29 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.58 dB[SPL]	84.50%	16.58 dB[SPL]	Ok

Ok

2025/2/10 15:30 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS NB 5.9kbps_CH633334
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 13:55
Responsible Person	audio

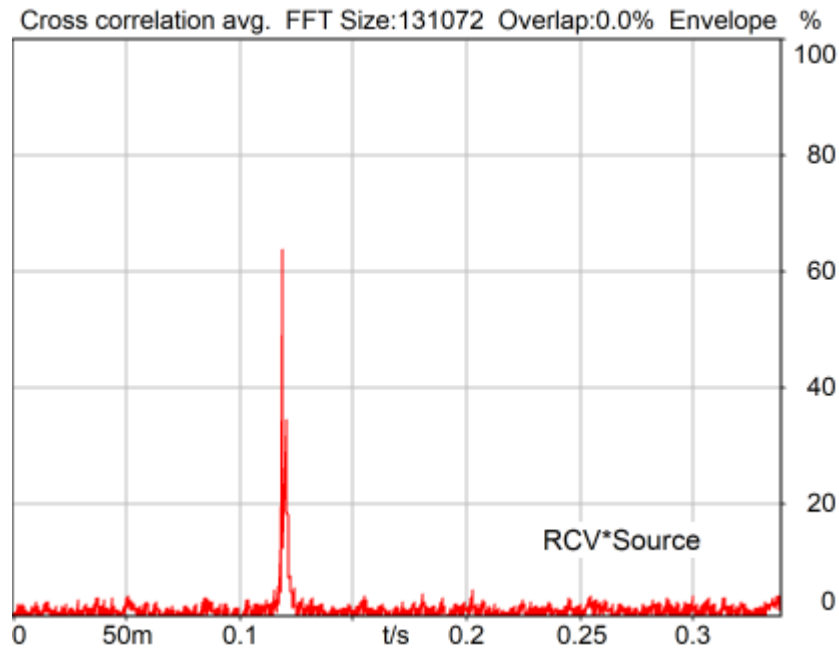
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	119.8	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS NB 5.9kbps_CH633334
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	21.33	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS NB 5.9kbps_CH633334
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	16.38	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS NB 5.9kbps_CH633334

Overall Receive Delay NB	4
5.1a Receive Volume Control Performance 8N NB	4
5.1b Receive Volume Control Performance 2N NB	5

Overall Receive Delay NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ Preparation - Delay measurement

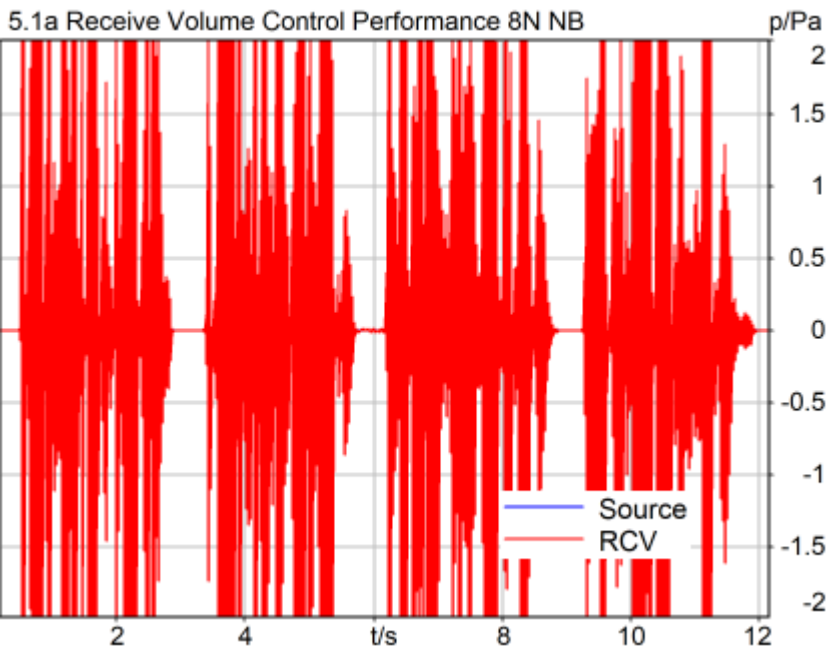


Channel	Delay
RCV*Source	119.8 ms

2025/2/14 14:40 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	91.33 dB[SPL]	84.27%	21.33 dB[SPL]	Ok

Ok

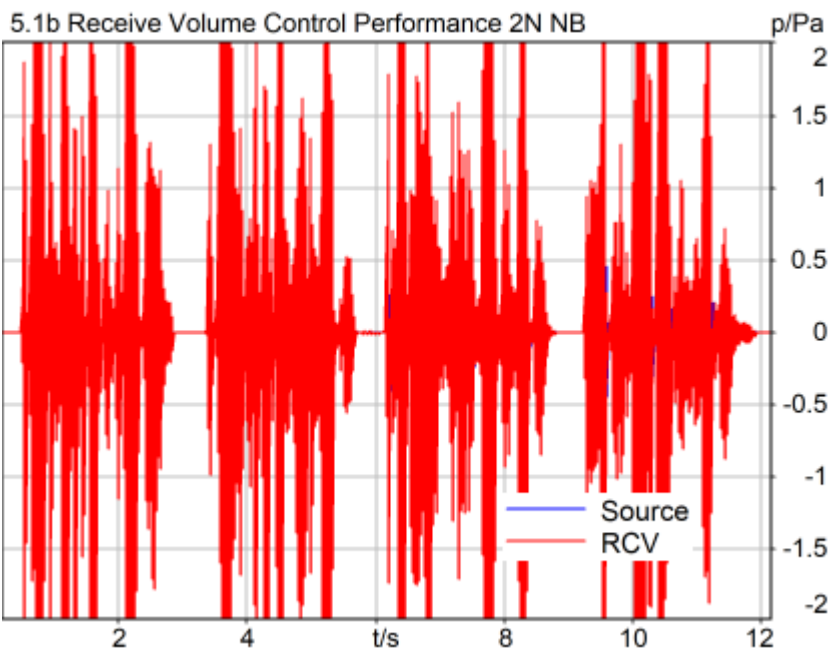
2025/2/14 14:40 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.38 dB[SPL]	84.54%	16.38 dB[SPL]	Ok

Ok

2025/2/14 14:39 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS NB 5.9kbps_CH656000
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 14:00
Responsible Person	audio

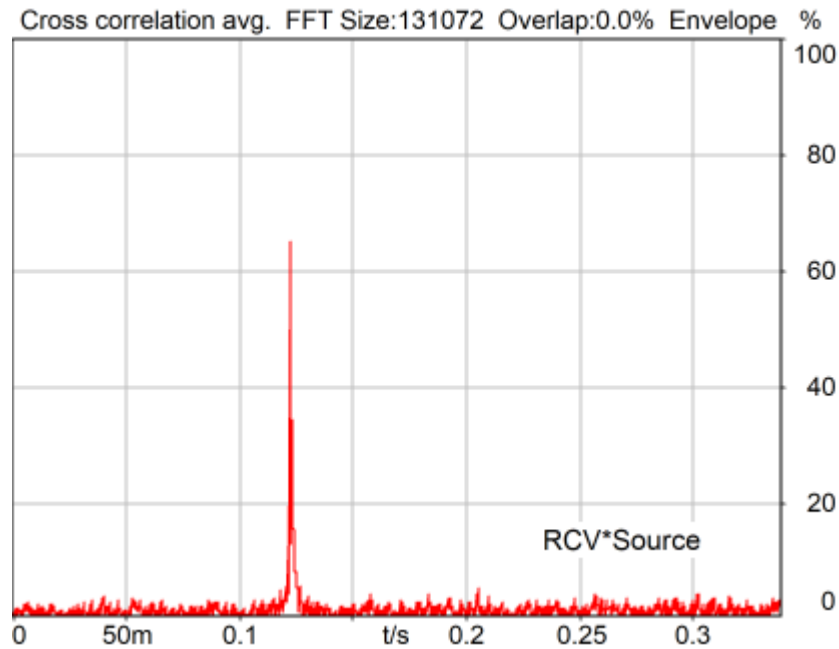
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	122.4	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS NB 5.9kbps_CH656000
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	21.97	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS NB 5.9kbps_CH656000
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	17.05	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS NB 5.9kbps_CH656000

Overall Receive Delay NB	4
5.1a Receive Volume Control Performance 8N NB	4
5.1b Receive Volume Control Performance 2N NB	5

Overall Receive Delay NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ Preparation - Delay measurement

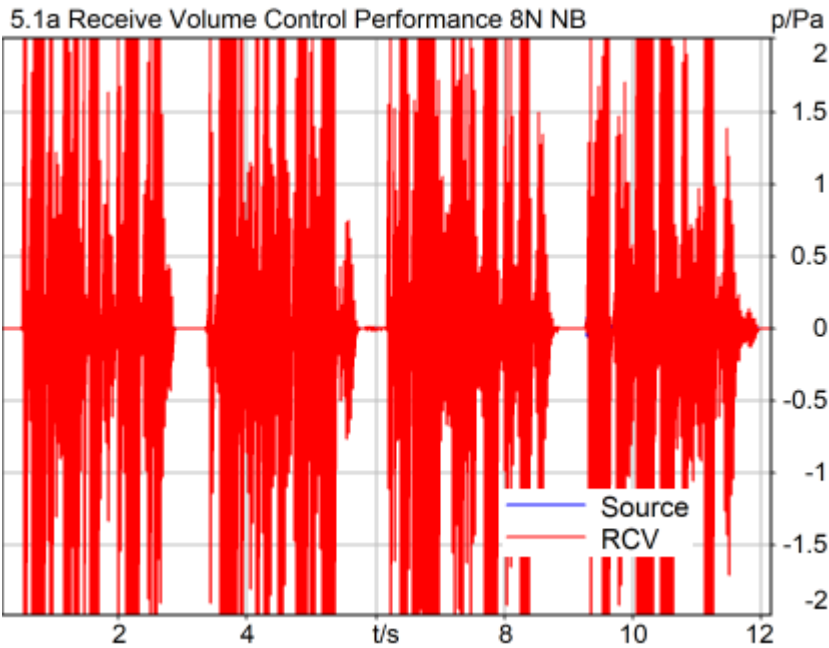


Channel	Delay
RCV*Source	122.4 ms

2025/2/10 14:27 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	91.97 dB[SPL]	84.13%	21.97 dB[SPL]	Ok

Ok

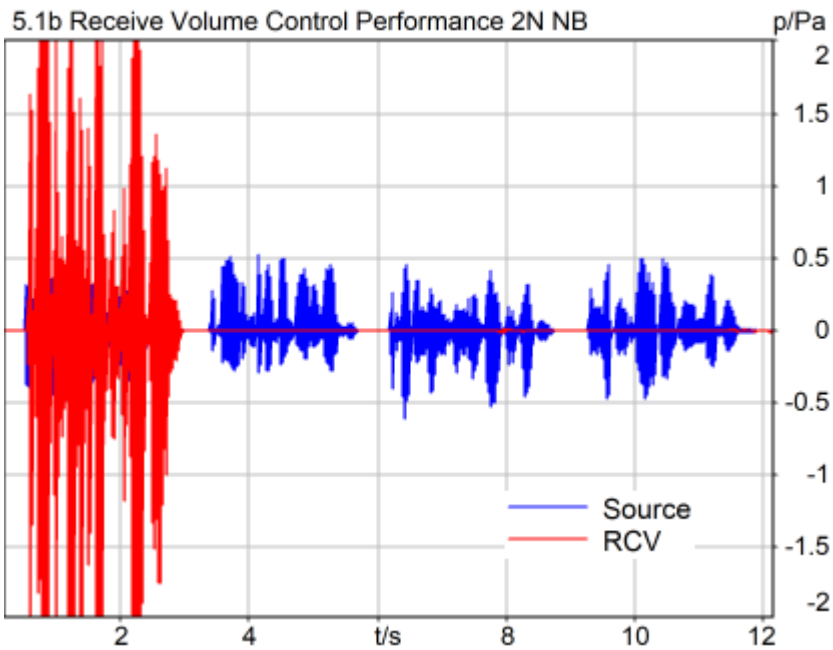
2025/2/10 14:27 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N NB

TIA-5050 (2018-01) \ Measurements \ Narrowband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	87.05 dB[SPL]	20.55%	17.05 dB[SPL]	Ok

Ok

2025/2/10 14:42 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS SWB 9.6kbps_CH633334
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 13:56
Responsible Person	audio

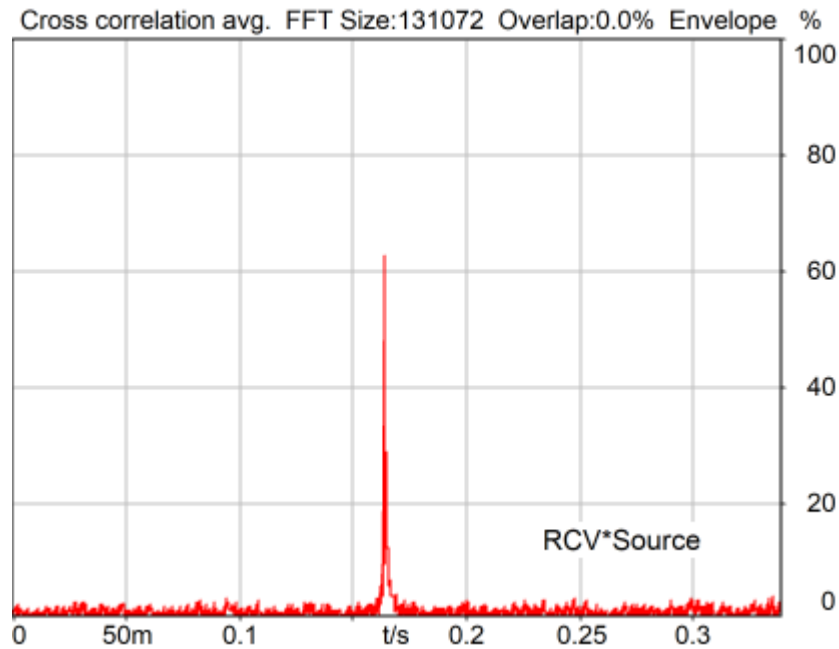
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	164.6	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS SWB 9.6kbps_CH633334
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	22.03	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS SWB 9.6kbps_CH633334
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.45	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS SWB 9.6kbps_CH633334

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

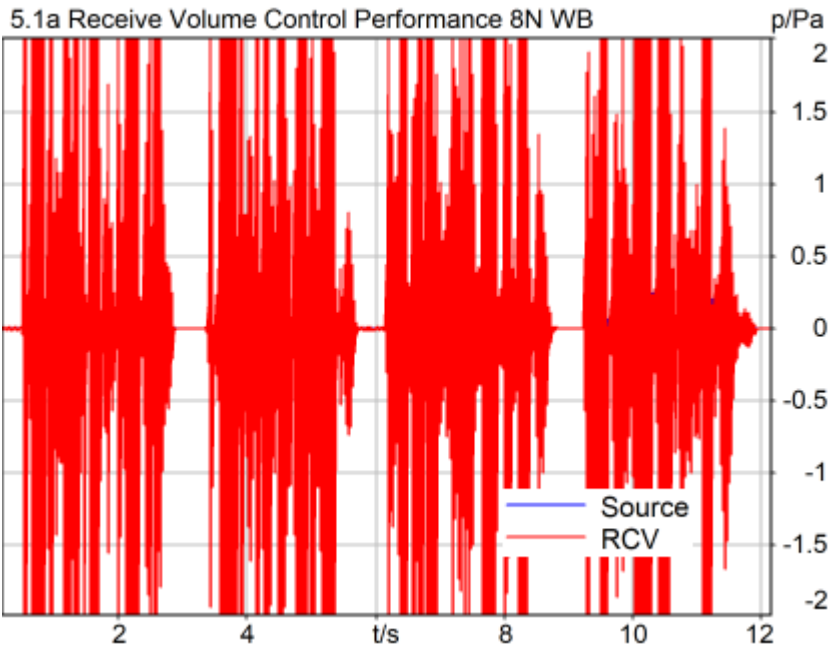


Channel	Delay
RCV*Source	164.6 ms

2025/3/18 14:31 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	92.03 dB[SPL]	84.08%	22.03 dB[SPL]	Ok

Ok

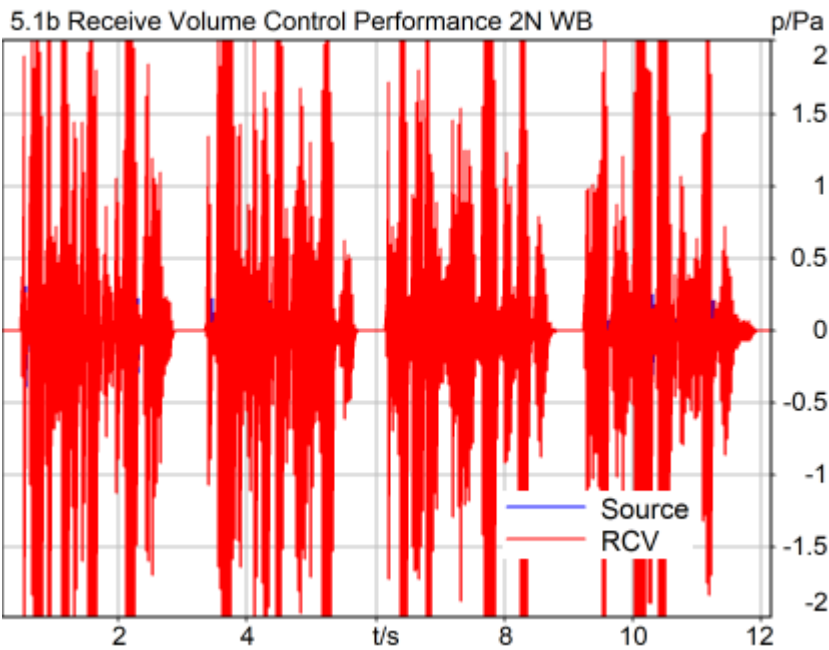
2025/3/18 14:31 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.45 dB[SPL]	84.46%	16.45 dB[SPL]	Ok

Ok

2025/3/18 14:33 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS SWB 9.6kbps_CH656000
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 14:01
Responsible Person	audio

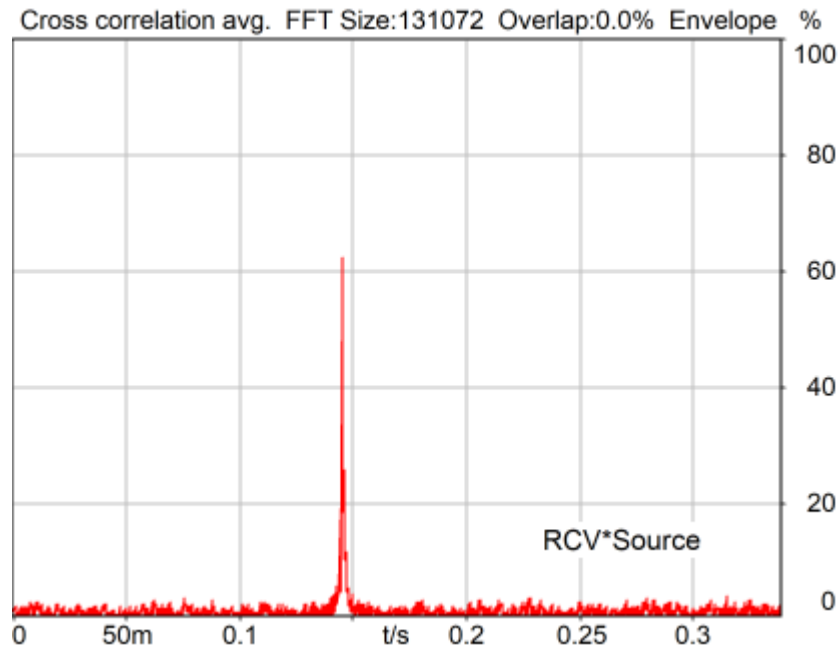
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	145.1	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS SWB 9.6kbps_CH656000
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	22.12	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS SWB 9.6kbps_CH656000
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.62	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS SWB 9.6kbps_CH656000

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

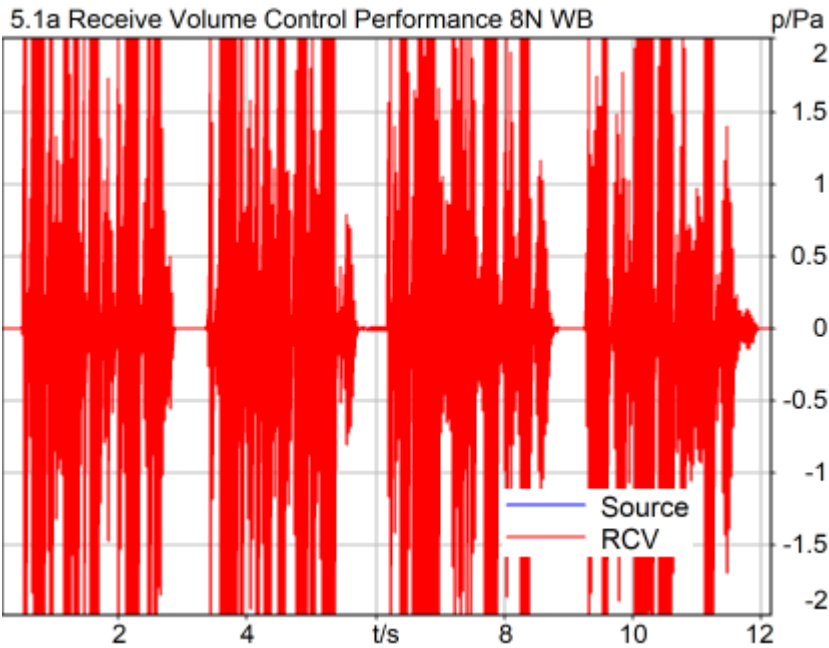


Channel	Delay
RCV*Source	145.1 ms

2025/3/18 14:35 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	92.12 dB[SPL]	84.21%	22.12 dB[SPL]	Ok

Ok

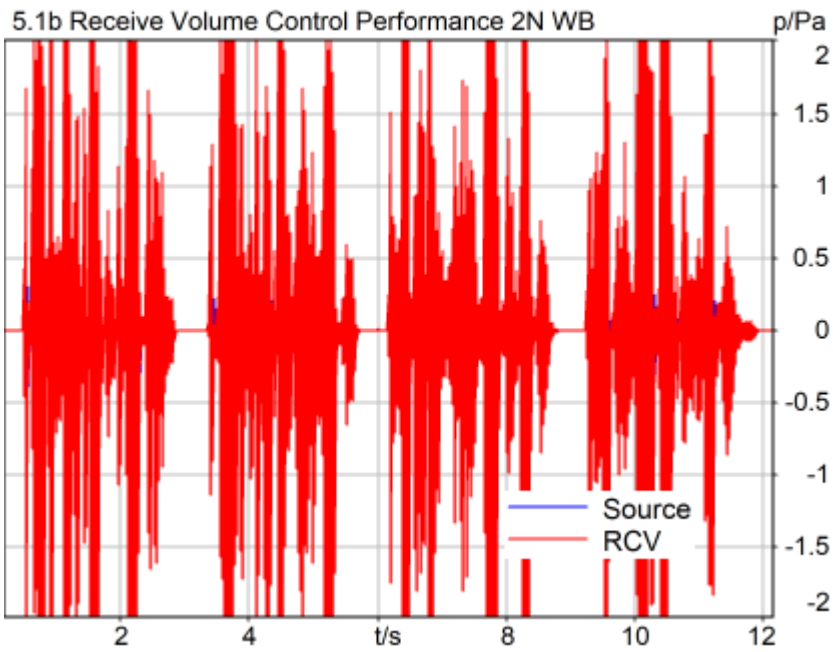
2025/3/18 14:35 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.62 dB[SPL]	84.51%	16.62 dB[SPL]	Ok

Ok

2025/3/18 14:34 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS SWB 128kbps_CH633334
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 13:56
Responsible Person	audio

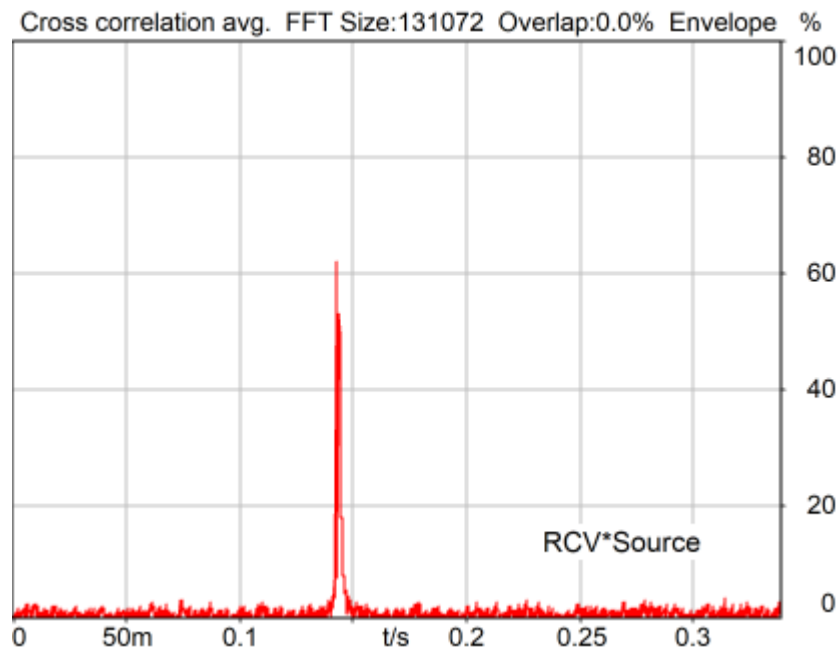
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	143.9	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS SWB 128kbps_CH633334
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.97	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS SWB 128kbps_CH633334
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.72	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS SWB 128kbps_CH633334

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

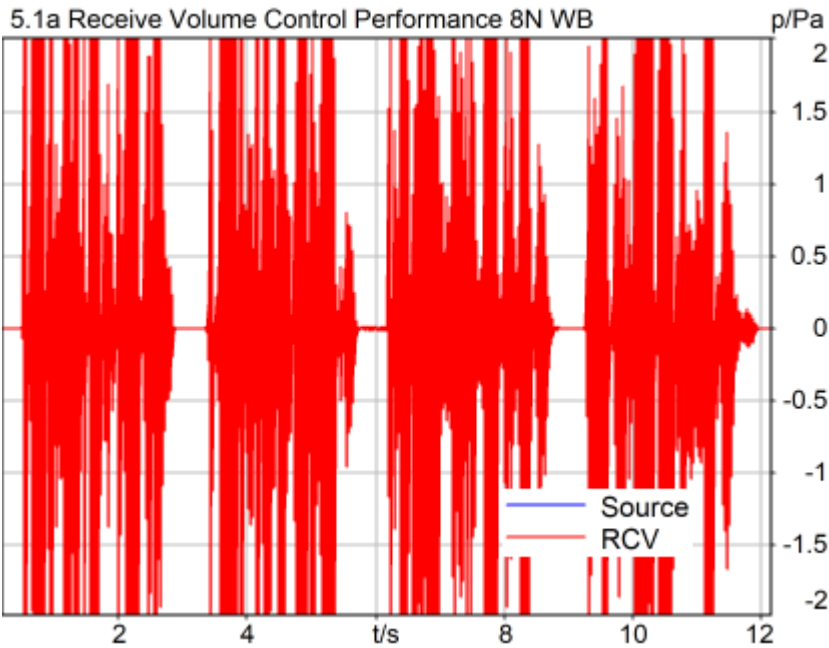


Channel	Delay
RCV*Source	143.9 ms

2025/3/18 14:25 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	91.97 dB[SPL]	84.05%	21.97 dB[SPL]	Ok

Ok

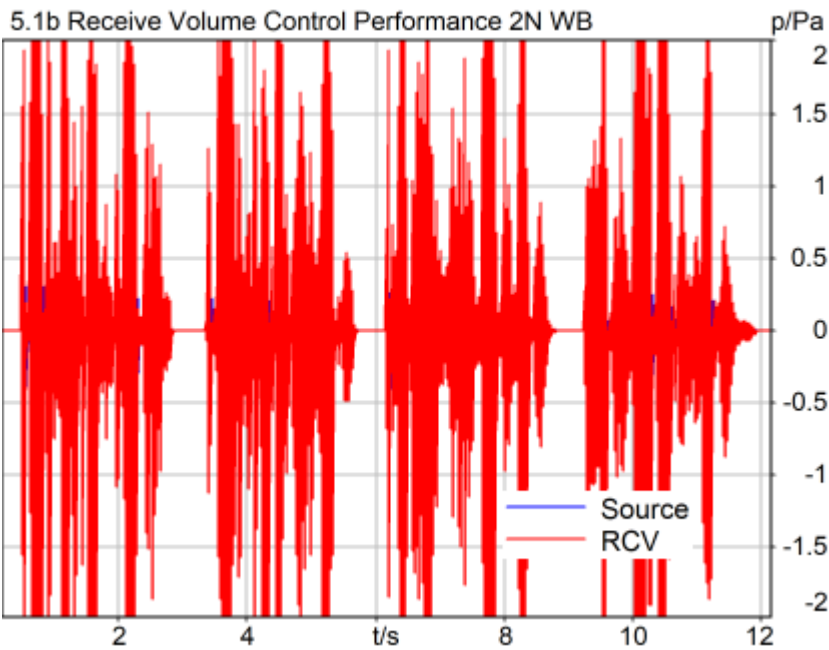
2025/3/18 14:25 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.72 dB[SPL]	84.60%	16.72 dB[SPL]	Ok

Ok

2025/3/18 14:24 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS SWB 128kbps_CH656000
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 14:01
Responsible Person	audio

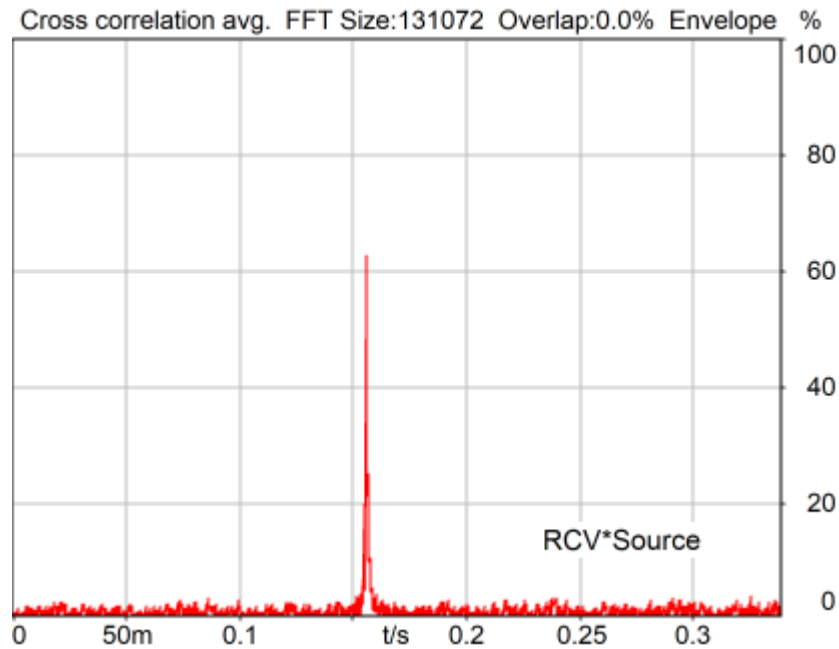
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	156.1	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS SWB 128kbps_CH656000
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	22.22	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS SWB 128kbps_CH656000
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.68	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS SWB 128kbps_CH656000

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

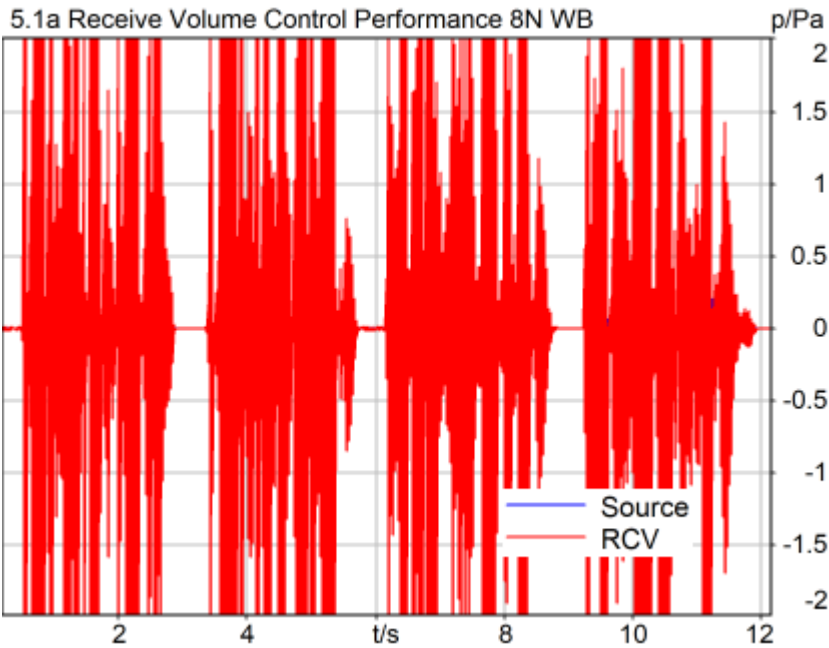


Channel	Delay
RCV*Source	156.1 ms

2025/3/18 14:43 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	92.22 dB[SPL]	84.18%	22.22 dB[SPL]	Ok

Ok

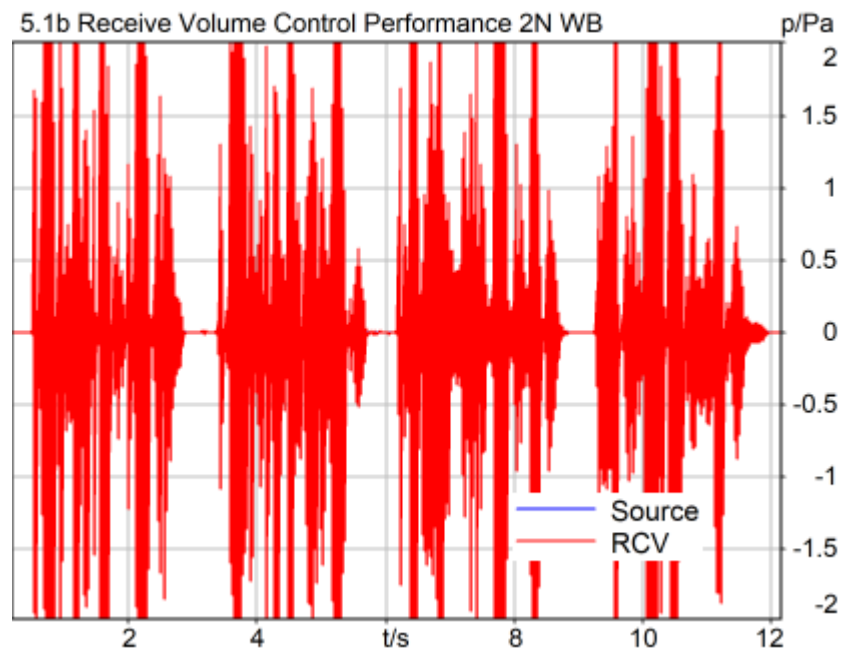
2025/3/18 14:43 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.68 dB[SPL]	84.48%	16.68 dB[SPL]	Ok

Ok

2025/3/18 14:44 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS WB 9.6kbps_CH633334
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 13:56
Responsible Person	audio

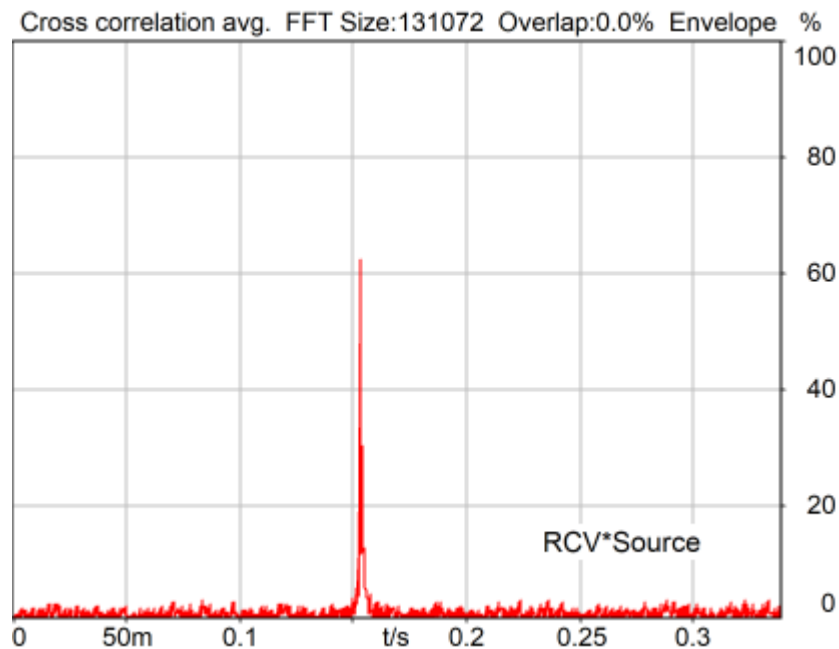
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	153.5	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS WB 9.6kbps_CH633334
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.57	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS WB 9.6kbps_CH633334
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.51	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS WB 9.6kbps_CH633334

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

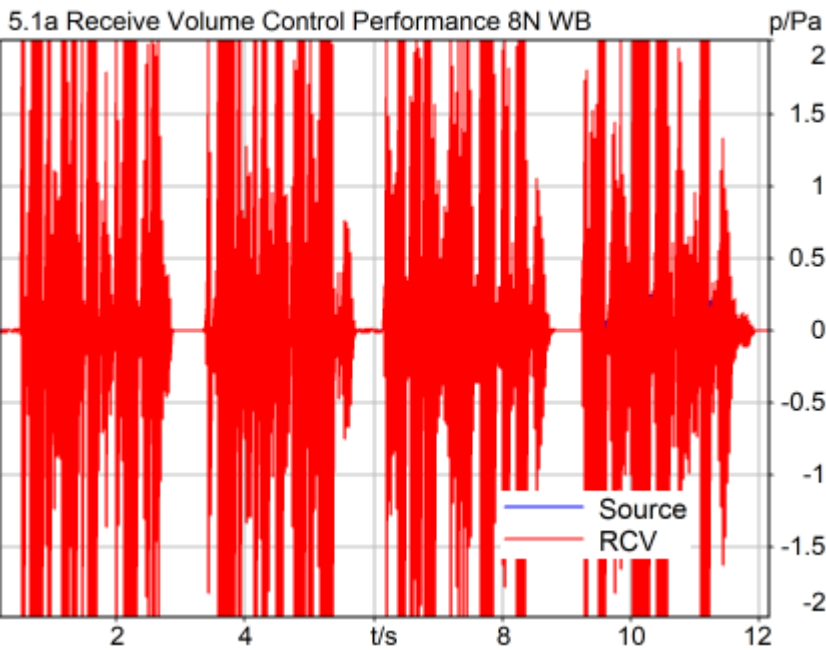


Channel	Delay
RCV*Source	153.5 ms

2025/2/14 15:00 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	91.57 dB[SPL]	84.31%	21.57 dB[SPL]	Ok

Ok

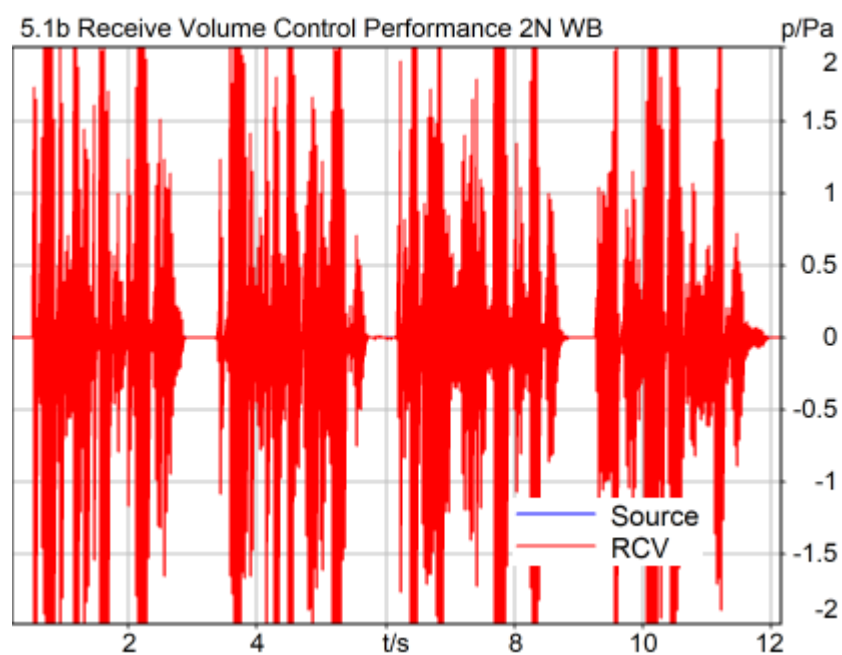
2025/2/14 15:01 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.51 dB[SPL]	84.44%	16.51 dB[SPL]	Ok

Ok

2025/2/14 15:02 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS WB 9.6kbps_CH656000
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 14:00
Responsible Person	audio

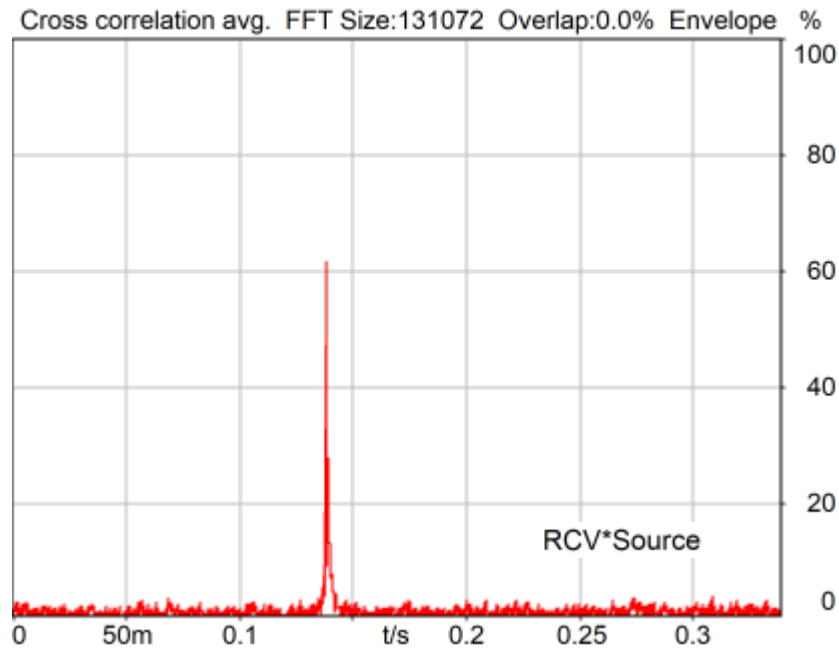
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	139.0	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS WB 9.6kbps_CH656000
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.73	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS WB 9.6kbps_CH656000
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.35	HUHAO_2403_n77_DFT-QPSK100M_1_1_EVS WB 9.6kbps_CH656000

Overall Receive Delay WB	4
5.1a Receive Volume Control Performance 8N WB	4
5.1b Receive Volume Control Performance 2N WB	5

Overall Receive Delay WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement

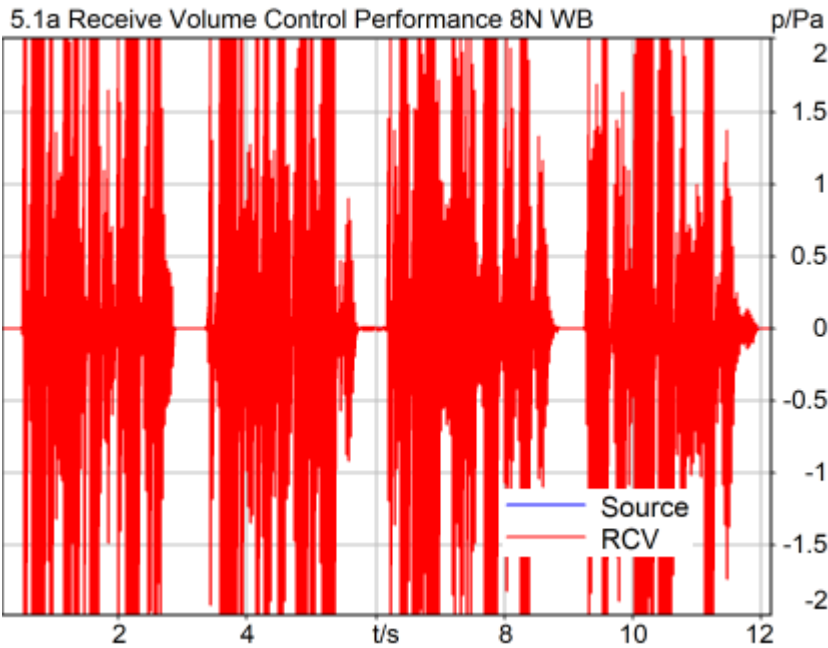


Channel	Delay
RCV*Source	139.0 ms

2025/2/10 15:15 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	91.73 dB[SPL]	84.47%	21.73 dB[SPL]	Ok

Ok

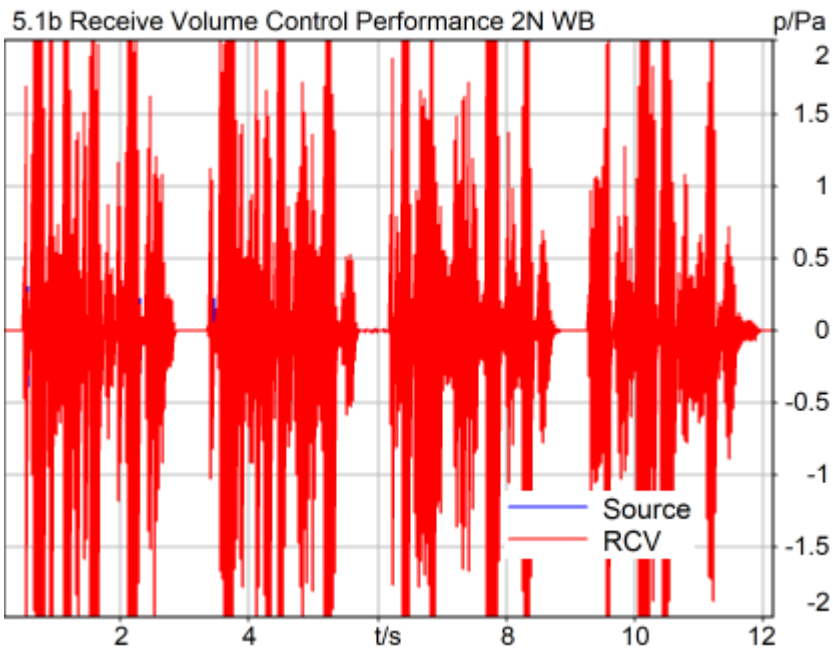
2025/2/10 15:15 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

TIA-5050 (2018-01) \ Measurements \ Wideband



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.35 dB[SPL]	84.43%	16.35 dB[SPL]	Ok

Ok

2025/2/10 15:17 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa