
Measurement Protocol

Measurement Object	HUHAO_2403_GSM 850_AMR NB 4.75kbps_CH 189
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/20 16:54
Responsible Person	audio

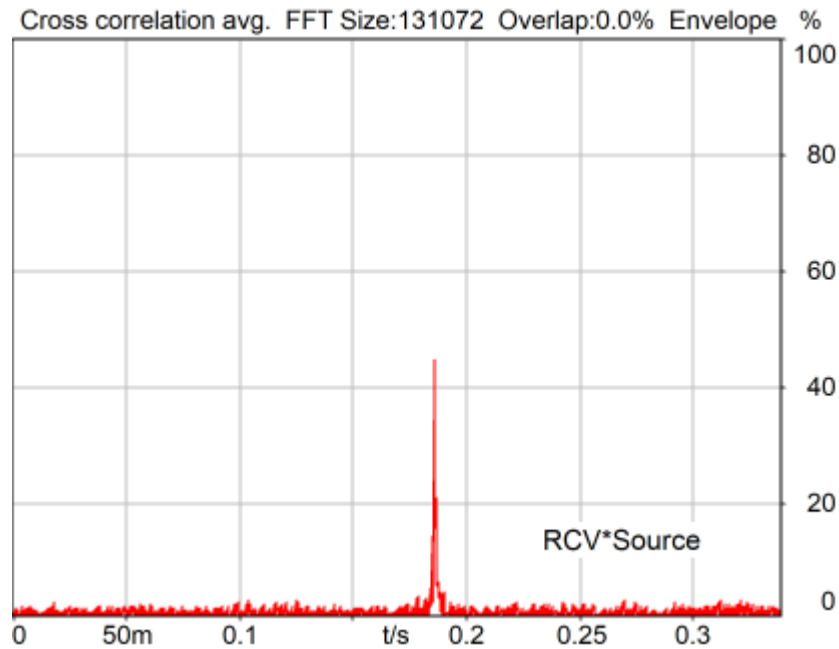
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	186.6	HUHAO_2403_GSM 850_AMR NB 4.75kbps_CH 189
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	17.55	HUHAO_2403_GSM 850_AMR NB 4.75kbps_CH 189
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	12.07	HUHAO_2403_GSM 850_AMR NB 4.75kbps_CH 189

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



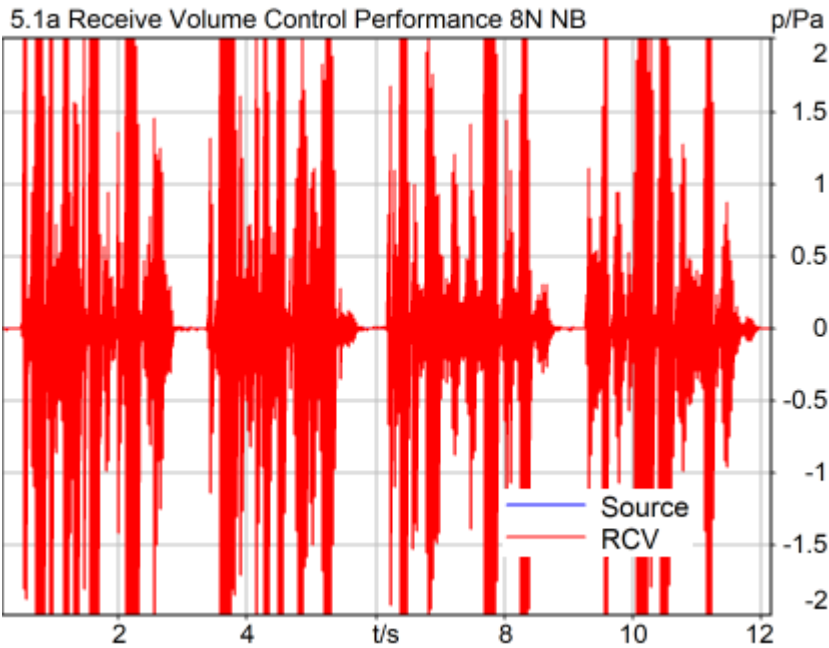
Channel	Delay
RCV*Source	186.6 ms

2025/2/6 9:40 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	87.55 dB[SPL]	80.40%	17.55 dB[SPL]	Ok

Ok

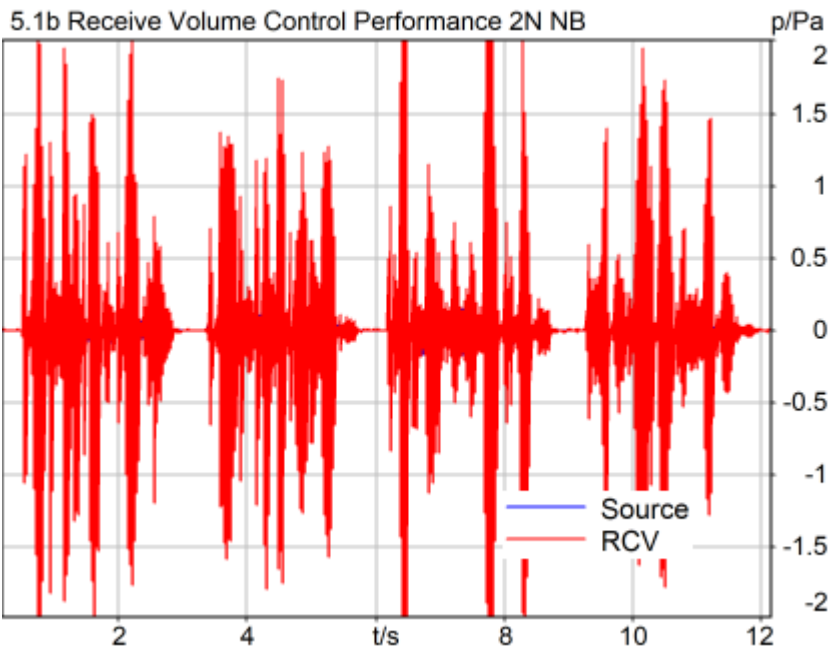
2025/2/6 9:40 ACQUA 6.0.200

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	82.07 dB[SPL]	79.96%	12.07 dB[SPL]	Ok

Ok

2025/2/6 9:46 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_GSM 850_AMR NB 4.75kbps_CH189_Sample2
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/20 16:56
Responsible Person	audio

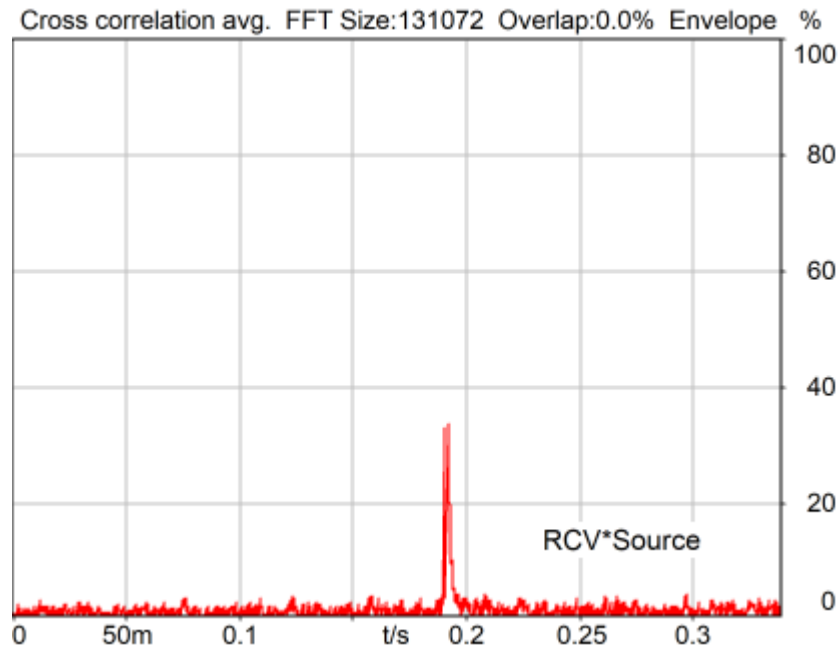
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	191.7	HUHAO_2403_GSM 850_AMR NB 4.75kbps_CH189_Sample2
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	17.58	HUHAO_2403_GSM 850_AMR NB 4.75kbps_CH189_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

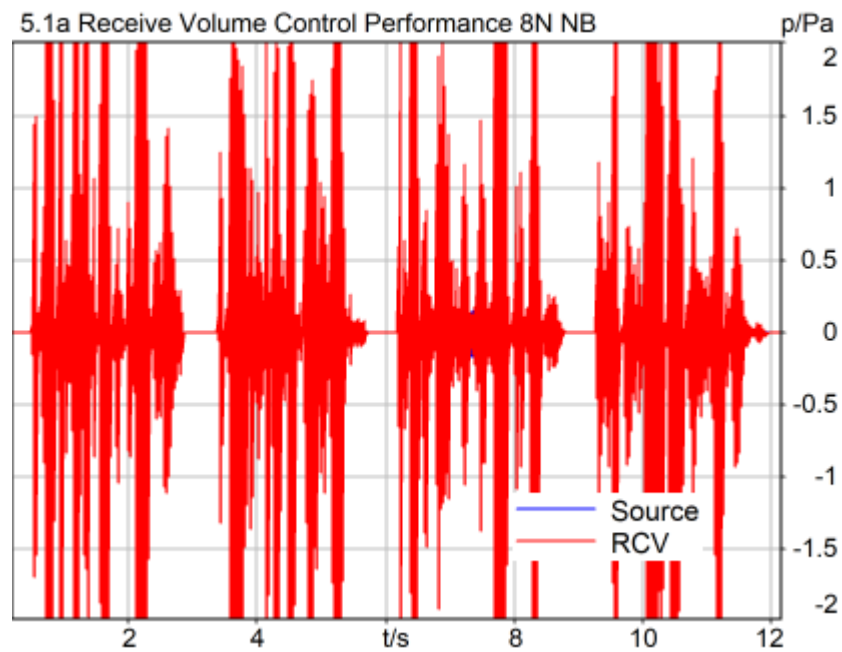


Channel	Delay
RCV*Source	191.7 ms

2025/3/19 10:00 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	87.58 dB[SPL]	80.51%	17.58 dB[SPL]	Ok

Ok

2025/3/19 10:08 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_GSM 850_AMR NB 12.2kbps_CH 189
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/20 16:55
Responsible Person	audio

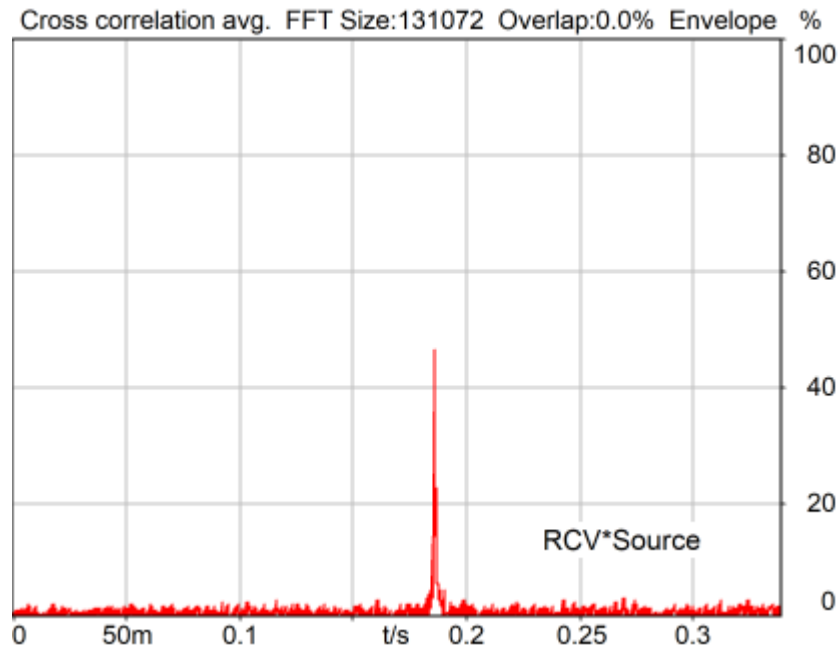
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	186.6	HUHAO_2403_GSM 850_AMR NB 12.2kbps_CH 189
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	17.57	HUHAO_2403_GSM 850_AMR NB 12.2kbps_CH 189
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	12.10	HUHAO_2403_GSM 850_AMR NB 12.2kbps_CH 189

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



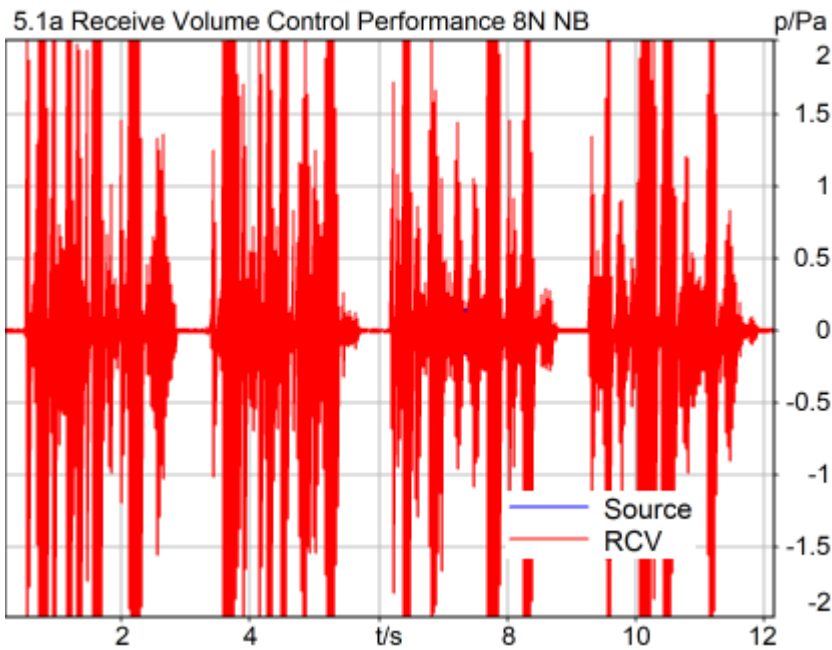
Channel	Delay
RCV*Source	186.6 ms

2025/2/6 9:42 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	87.57 dB[SPL]	80.51%	17.57 dB[SPL]	Ok

Ok

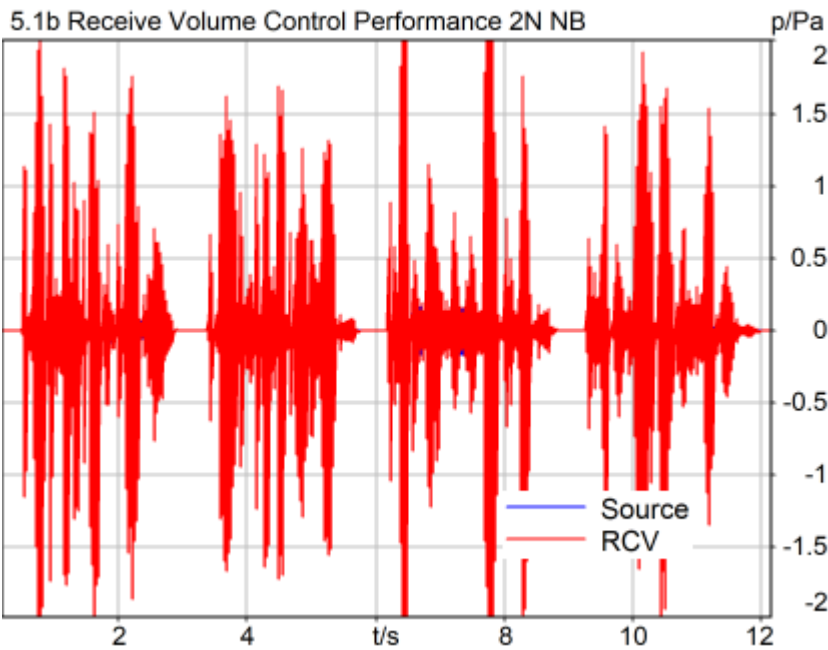
2025/2/6 9:43 ACQUA 6.0.200

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	82.10 dB[SPL]	80.06%	12.10 dB[SPL]	Ok

Ok

2025/2/6 9:44 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_GSM 850_AMR WB 6.6kbps_CH 189
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/20 16:55
Responsible Person	audio

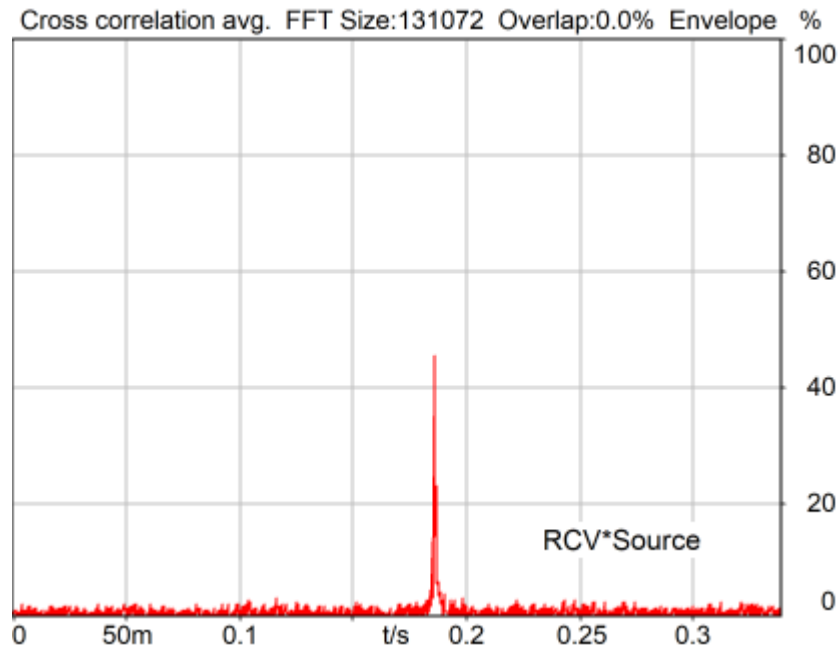
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	186.6	HUHAO_2403_GSM 850_AMR WB 6.6kbps_CH 189
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	17.83	HUHAO_2403_GSM 850_AMR WB 6.6kbps_CH 189
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	12.19	HUHAO_2403_GSM 850_AMR WB 6.6kbps_CH 189

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



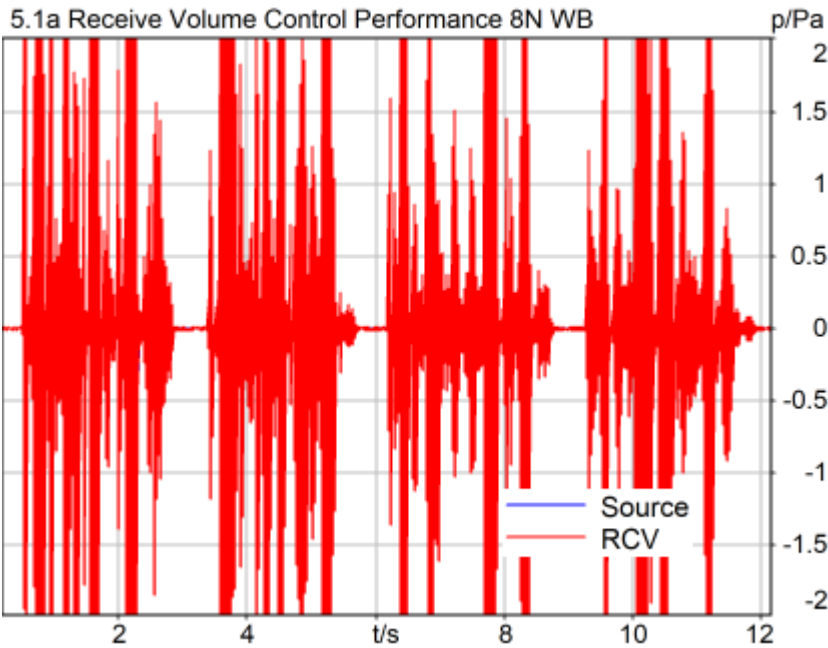
Channel	Delay
RCV*Source	186.6 ms

2025/2/6 9:48 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	87.83 dB[SPL]	80.18%	17.83 dB[SPL]	Ok

Ok

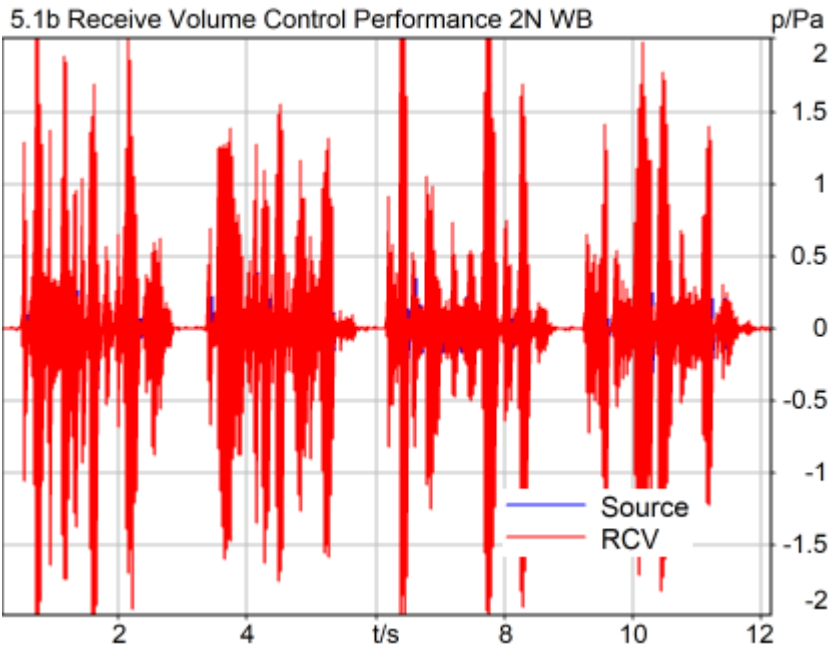
2025/2/6 9:49 ACQUA 6.0.200

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	82.19 dB[SPL]	80.23%	12.19 dB[SPL]	Ok

Ok

2025/2/6 9:47 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_GSM 850_AMR WB 12.65kbps_CH 189
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/20 16:56
Responsible Person	audio

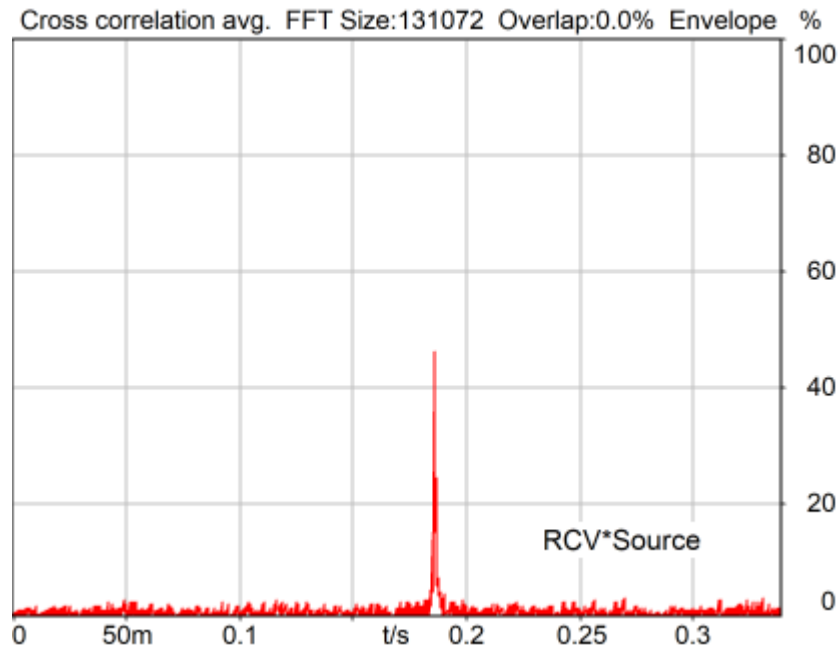
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	186.6	HUHAO_2403_GSM 850_AMR WB 12.65kbps_CH 189
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	18.02	HUHAO_2403_GSM 850_AMR WB 12.65kbps_CH 189
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	12.24	HUHAO_2403_GSM 850_AMR WB 12.65kbps_CH 189

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



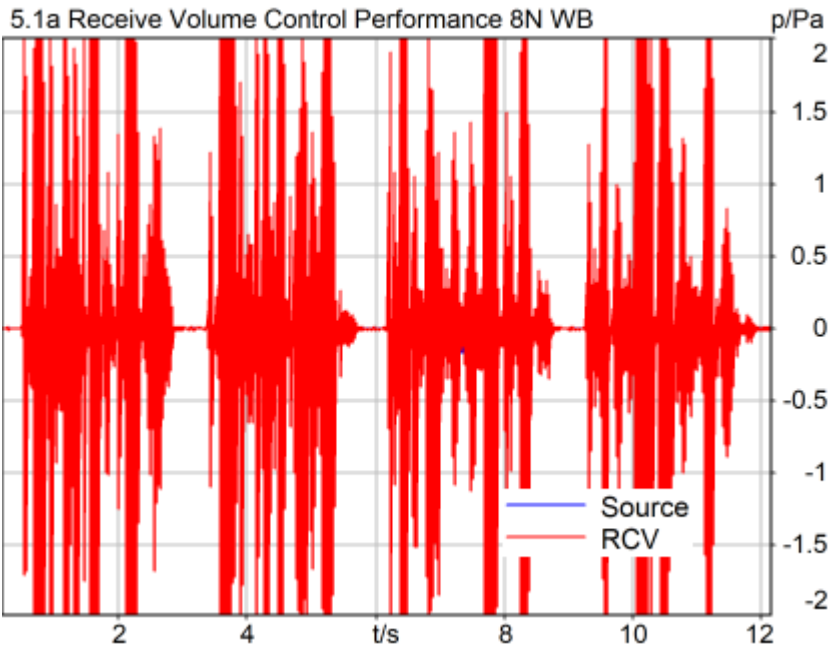
Channel	Delay
RCV*Source	186.6 ms

2025/2/6 10:02 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	88.02 dB[SPL]	80.39%	18.02 dB[SPL]	Ok

Ok

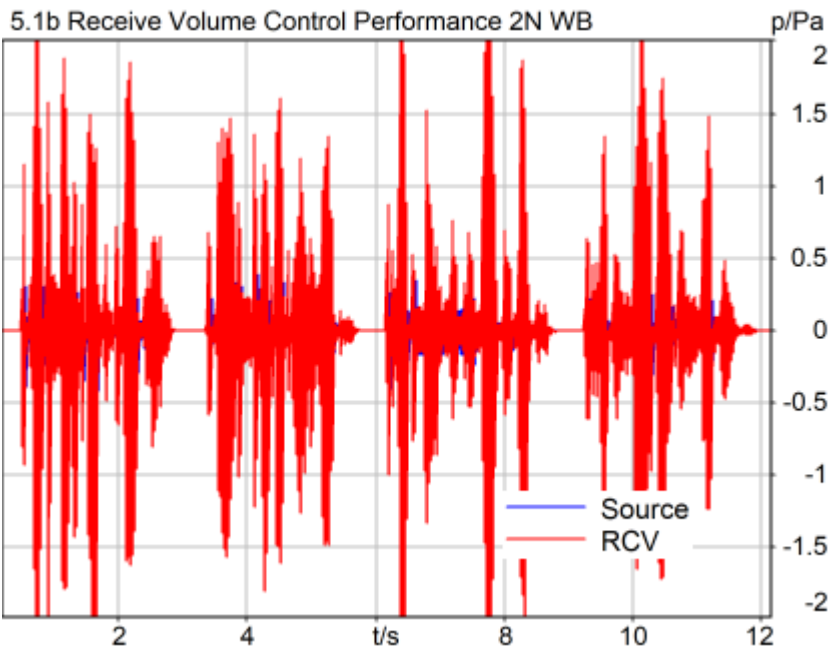
2025/2/6 10:02 ACQUA 6.0.200

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	82.24 dB[SPL]	80.17%	12.24 dB[SPL]	Ok

Ok

2025/2/6 10:01 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_GSM 850_EFR NB 12.2kbps_CH189
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/20 16:54
Responsible Person	audio

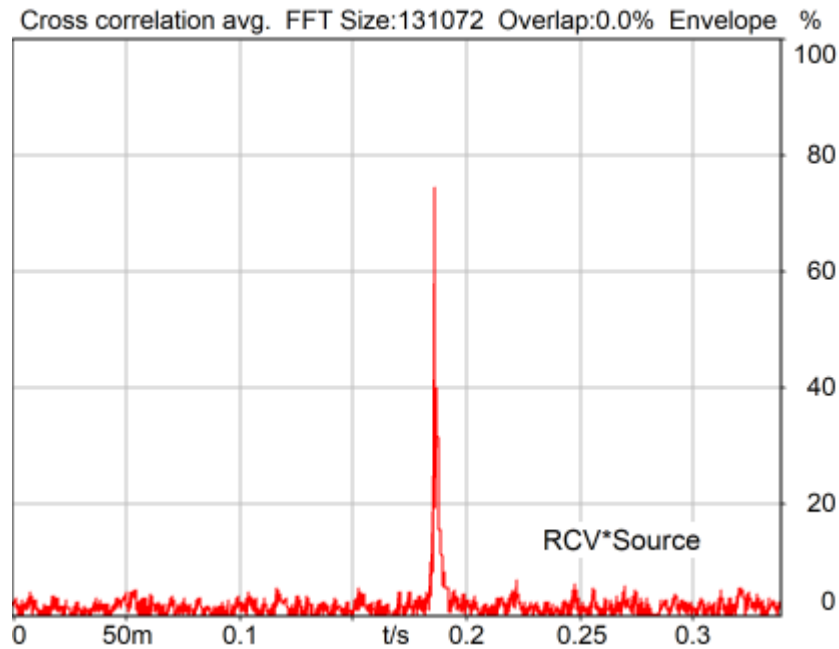
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	186.7	HUHAO_2403_GSM 850_EFR NB 12.2kbps_CH189
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	17.82	HUHAO_2403_GSM 850_EFR NB 12.2kbps_CH189
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	12.74	HUHAO_2403_GSM 850_EFR NB 12.2kbps_CH189

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



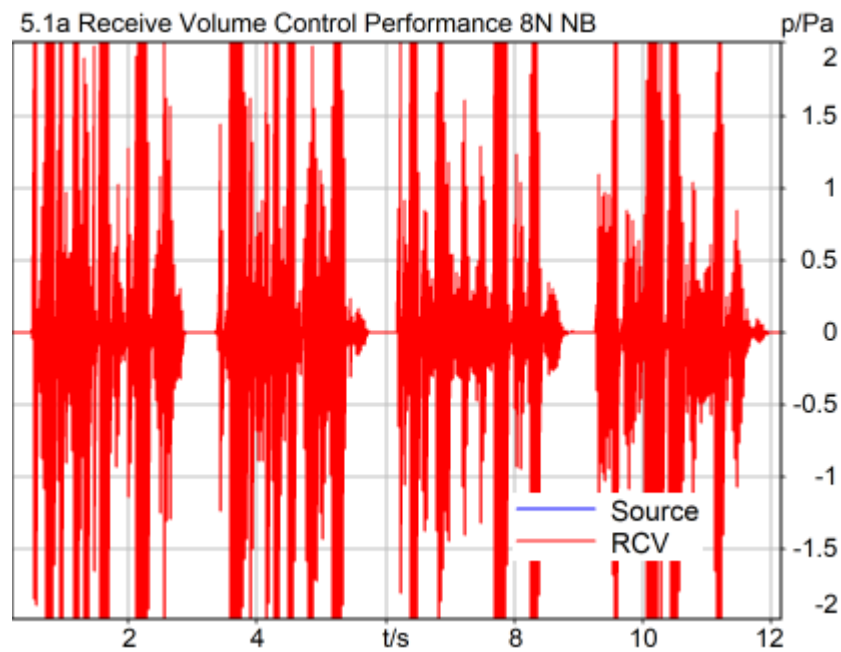
Channel	Delay
RCV*Source	186.7 ms

2025/3/3 16:12 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	87.82 dB[SPL]	80.46%	17.82 dB[SPL]	Ok

Ok

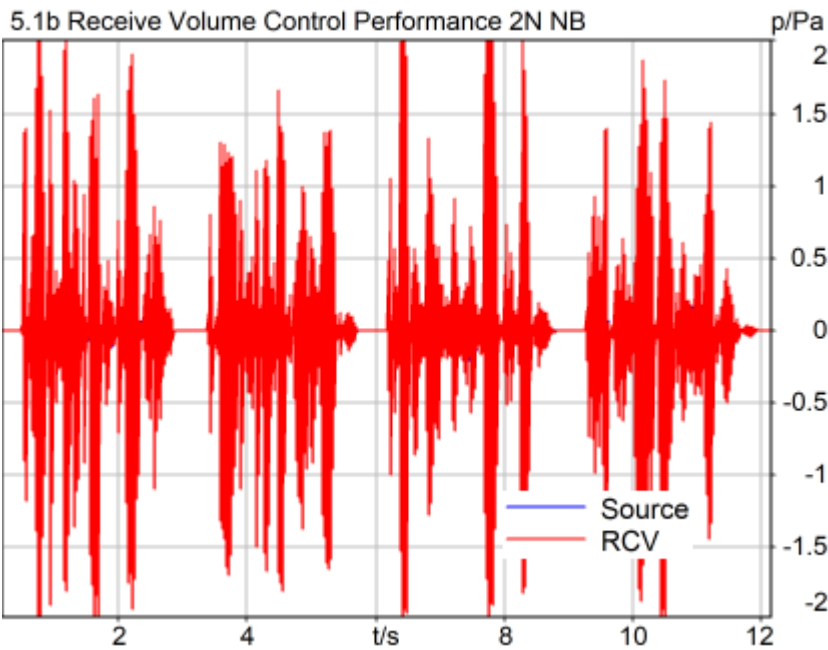
2025/3/3 16:12 ACQUA 6.0.200

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	82.74 dB[SPL]	80.51%	12.74 dB[SPL]	Ok

Ok

2025/3/3 16:13 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_GSM 1900_AMR NB 4.75kbps_CH 661
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/20 17:23
Responsible Person	audio

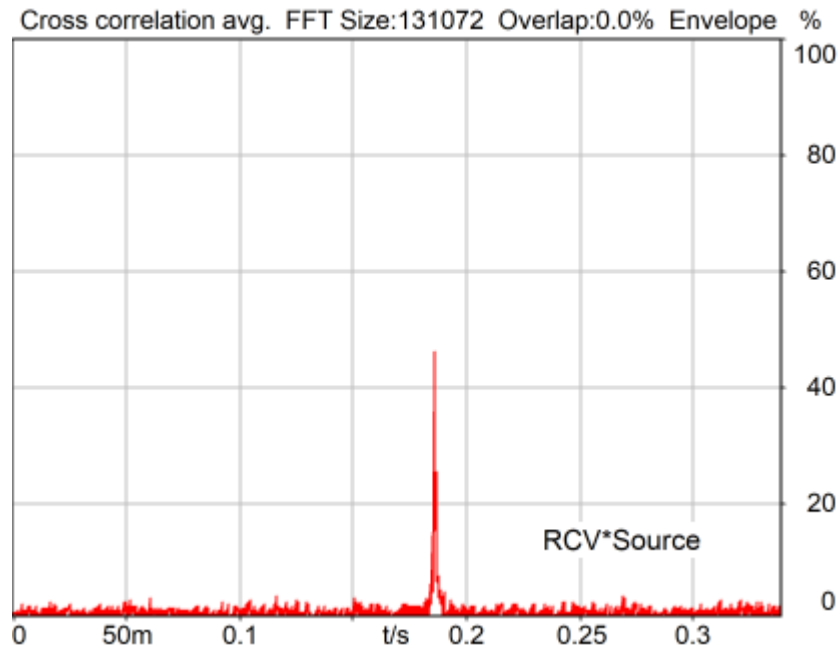
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	186.6	HUHAO_2403_GSM 1900_AMR NB 4.75kbps_CH 661
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	18.02	HUHAO_2403_GSM 1900_AMR NB 4.75kbps_CH 661
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	12.26	HUHAO_2403_GSM 1900_AMR NB 4.75kbps_CH 661

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

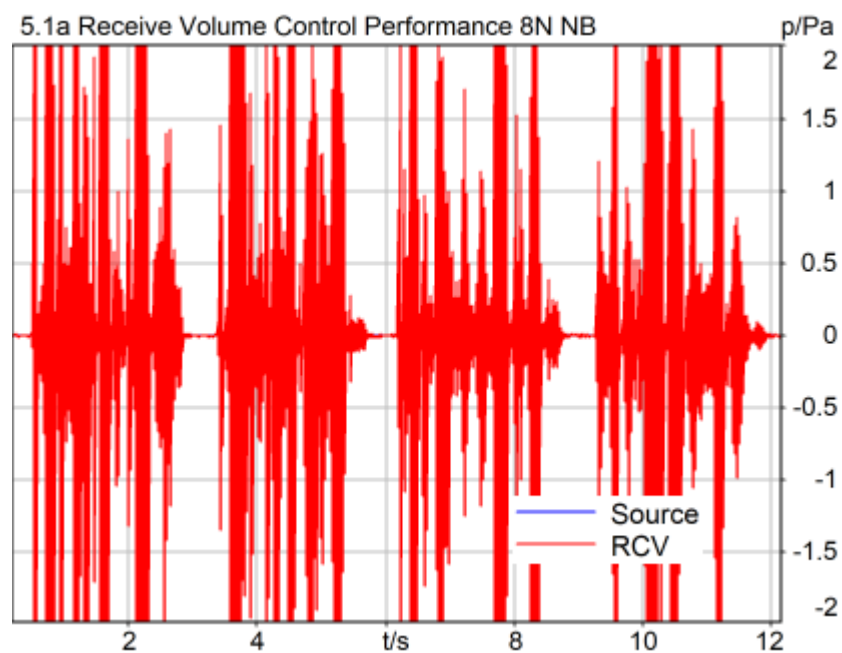


Channel	Delay
RCV*Source	186.6 ms

2025/2/6 10:06 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	88.02 dB[SPL]	80.29%	18.02 dB[SPL]	Ok

Ok

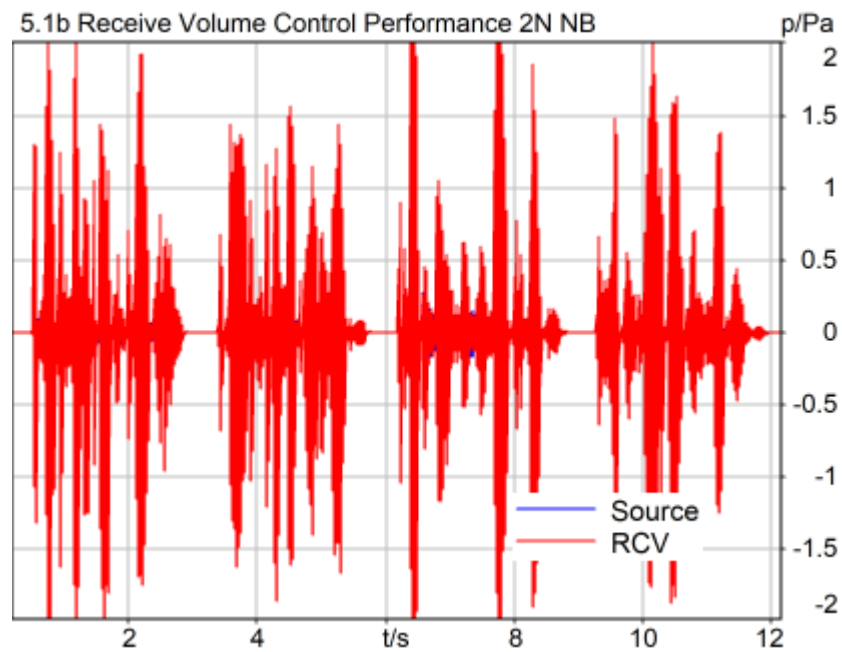
2025/2/6 10:06 ACQUA 6.0.200

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	82.26 dB[SPL]	80.00%	12.26 dB[SPL]	Ok

Ok

2025/2/6 10:07 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_GSM 1900_AMR NB 12.2kbps_CH 661
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/20 17:23
Responsible Person	audio

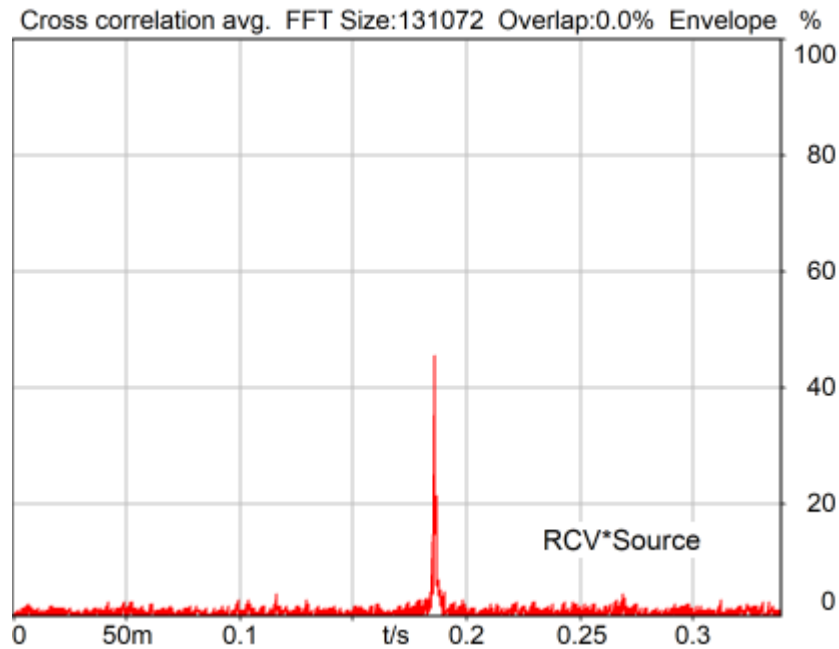
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	186.6	HUHAO_2403_GSM 1900_AMR NB 12.2kbps_CH 661
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	17.57	HUHAO_2403_GSM 1900_AMR NB 12.2kbps_CH 661
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	11.89	HUHAO_2403_GSM 1900_AMR NB 12.2kbps_CH 661

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



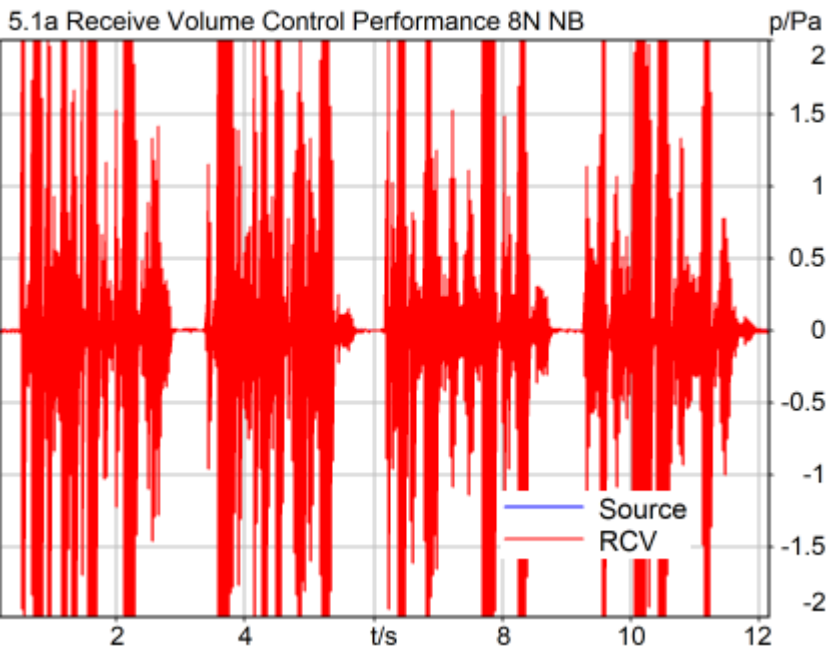
Channel	Delay
RCV*Source	186.6 ms

2025/2/6 10:12 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	87.57 dB[SPL]	81.35%	17.57 dB[SPL]	Ok

Ok

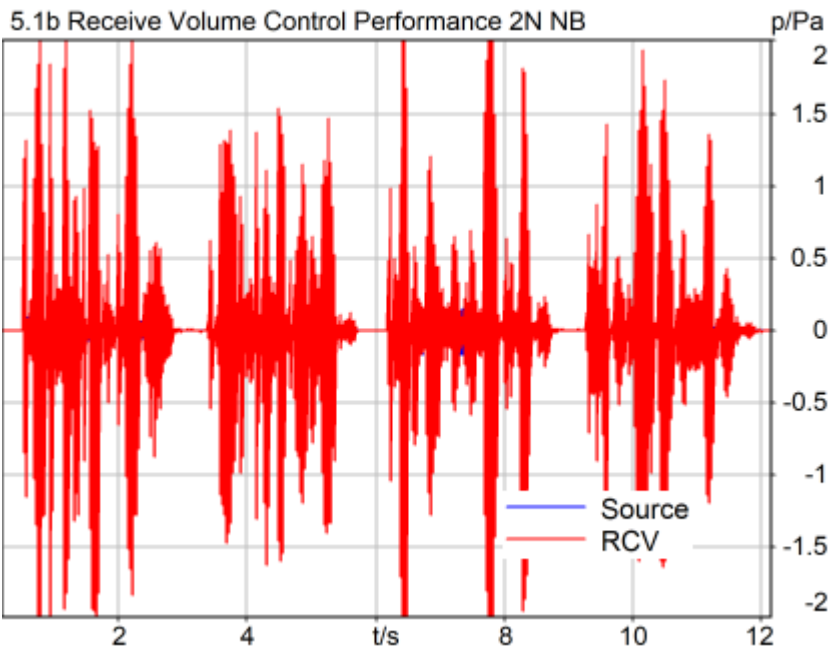
2025/2/6 10:13 ACQUA 6.0.200

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	81.89 dB[SPL]	80.28%	11.89 dB[SPL]	Ok

Ok

2025/2/6 10:12 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_GSM 1900_AMR NB 12.2kbps_CH 661_Sample2
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/20 17:24
Responsible Person	audio

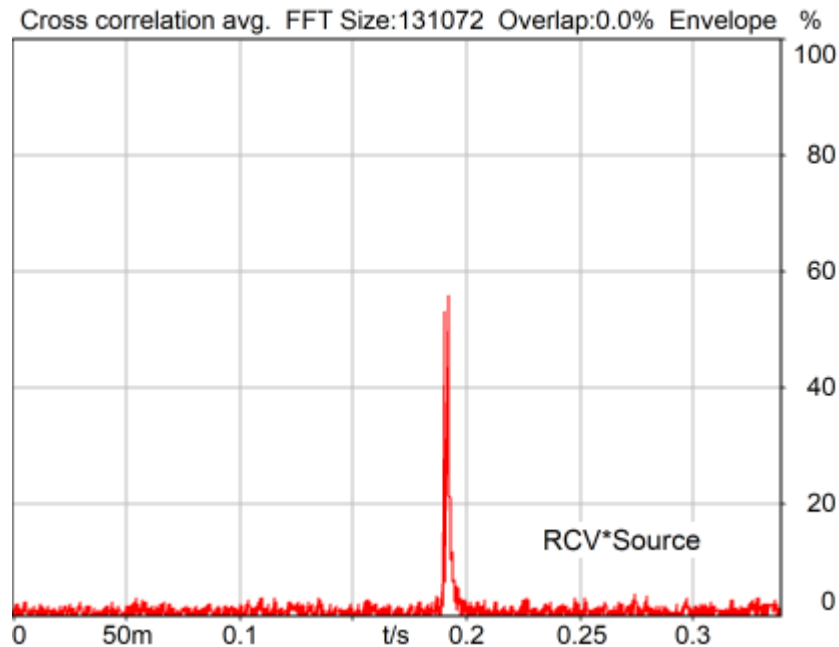
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	191.7	HUHAO_2403_GSM 1900_AMR NB 12.2kbps_CH 661_Sample2
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	12.72	HUHAO_2403_GSM 1900_AMR NB 12.2kbps_CH 661_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



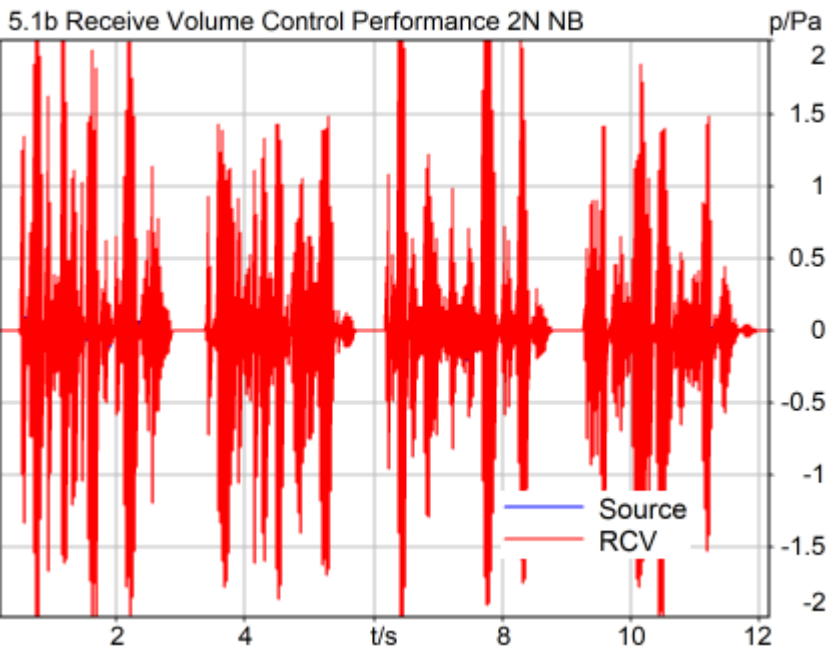
Channel	Delay
RCV*Source	191.7 ms

2025/3/19 10:12 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	82.72 dB[SPL]	80.51%	12.72 dB[SPL]	Ok

Ok

2025/3/19 10:13 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_GSM 1900_AMR WB 6.6kbps_CH 661
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/20 17:24
Responsible Person	audio

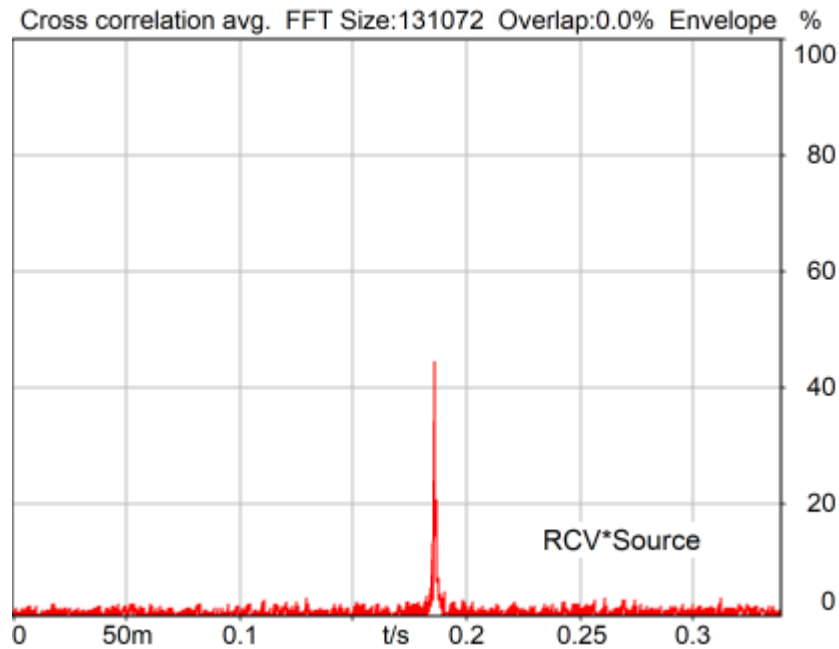
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	186.6	HUHAO_2403_GSM 1900_AMR WB 6.6kbps_CH 661
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	17.62	HUHAO_2403_GSM 1900_AMR WB 6.6kbps_CH 661
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	12.23	HUHAO_2403_GSM 1900_AMR WB 6.6kbps_CH 661

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



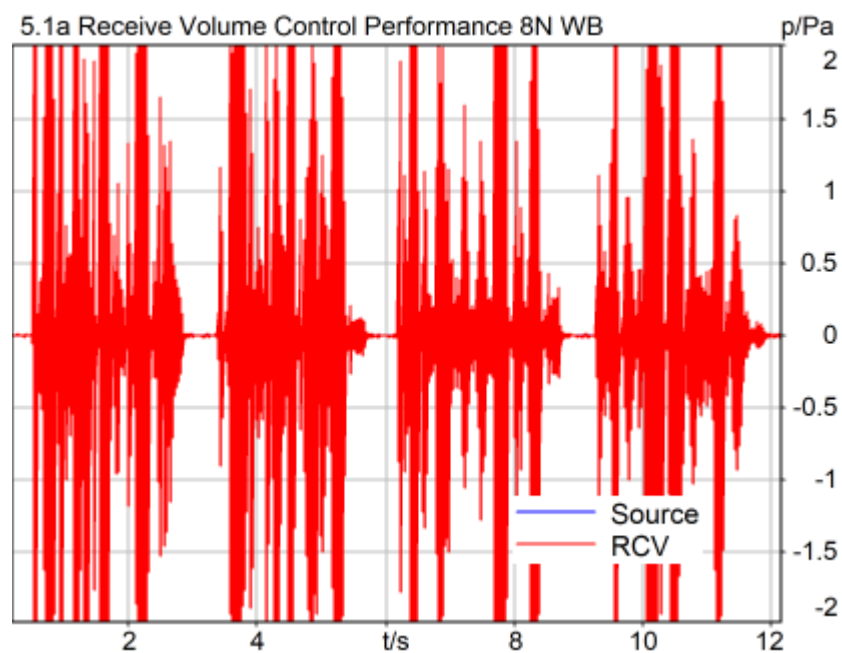
Channel	Delay
RCV*Source	186.6 ms

2025/2/6 10:14 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	87.62 dB[SPL]	80.48%	17.62 dB[SPL]	Ok

Ok

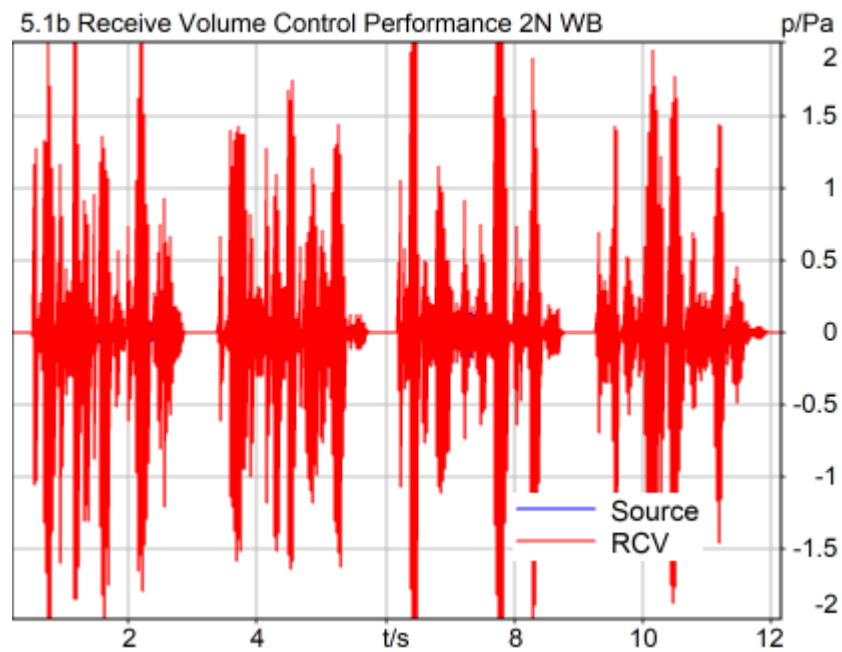
2025/2/6 10:15 ACQUA 6.0.200

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	82.23 dB[SPL]	80.17%	12.23 dB[SPL]	Ok

Ok

2025/2/6 10:16 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_GSM 1900_AMR WB 12.65kbps_CH 661
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/20 17:25
Responsible Person	audio

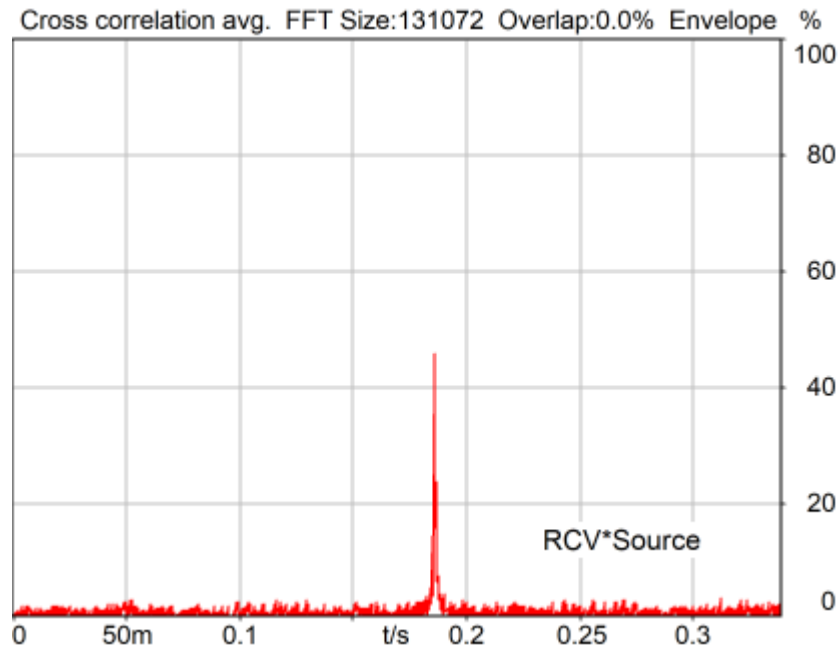
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	186.6	HUHAO_2403_GSM 1900_AMR WB 12.65kbps_CH 661
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	17.64	HUHAO_2403_GSM 1900_AMR WB 12.65kbps_CH 661
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	12.32	HUHAO_2403_GSM 1900_AMR WB 12.65kbps_CH 661

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



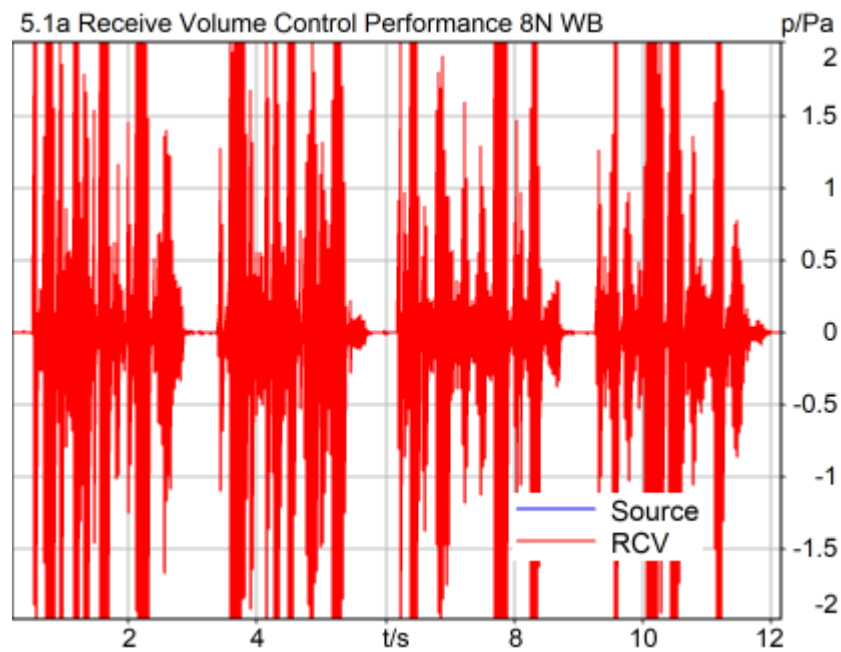
Channel	Delay
RCV*Source	186.6 ms

2025/2/6 10:19 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	87.64 dB[SPL]	81.36%	17.64 dB[SPL]	Ok

Ok

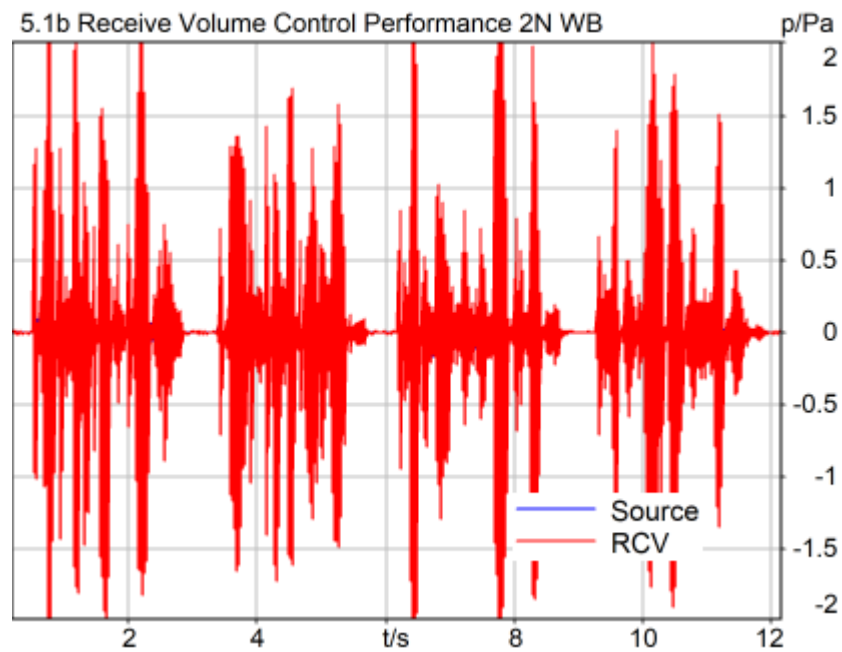
2025/2/6 10:19 ACQUA 6.0.200

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	82.32 dB[SPL]	80.35%	12.32 dB[SPL]	Ok

Ok

2025/2/6 10:18 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_GSM 1900_EFR NB 12.2kbps_CH661
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/20 17:22
Responsible Person	audio

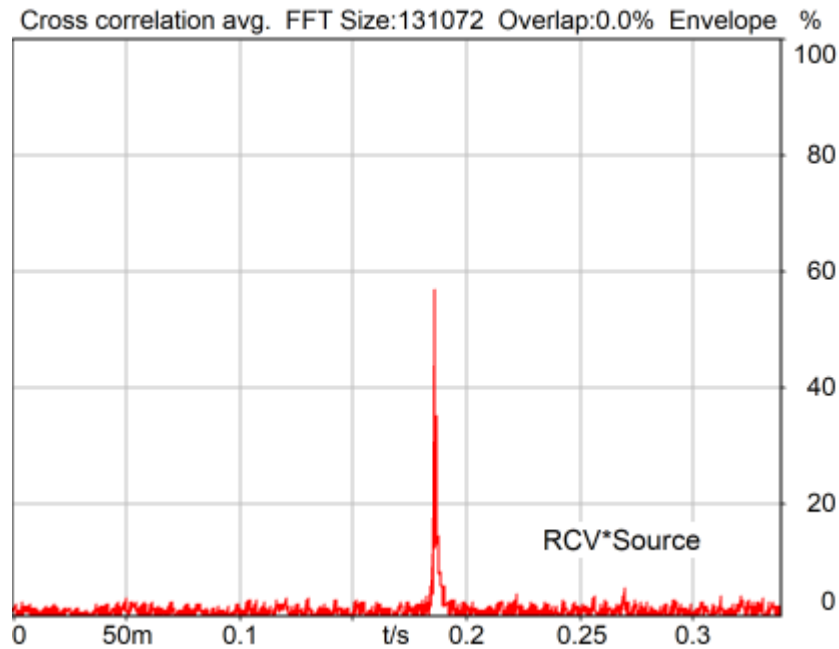
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	186.6	HUHAO_2403_GSM 1900_EFR NB 12.2kbps_CH661
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	17.70	HUHAO_2403_GSM 1900_EFR NB 12.2kbps_CH661
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	12.42	HUHAO_2403_GSM 1900_EFR NB 12.2kbps_CH661

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



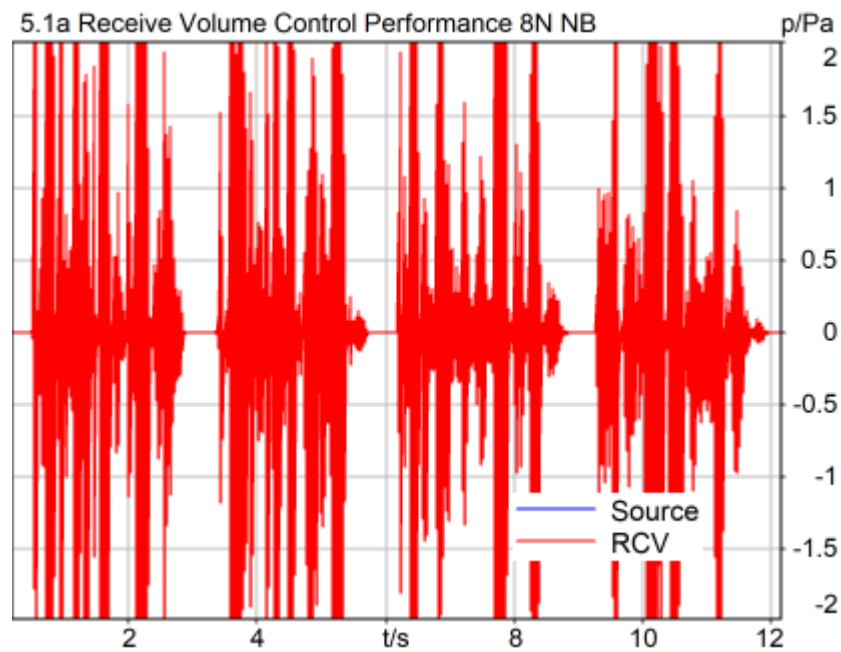
Channel	Delay
RCV*Source	186.6 ms

2025/3/3 16:22 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	87.70 dB[SPL]	81.32%	17.70 dB[SPL]	Ok

Ok

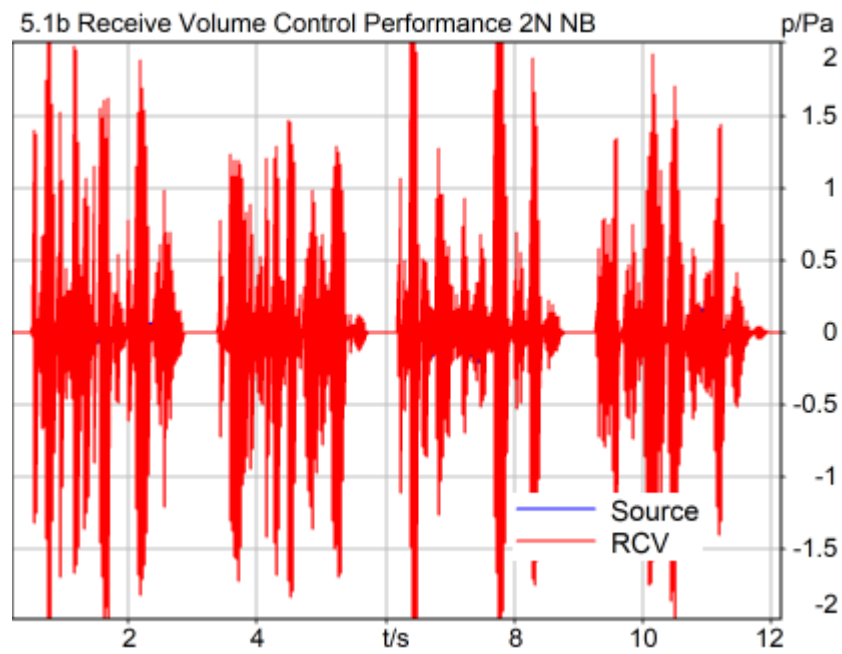
2025/3/3 16:22 ACQUA 6.0.200

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	82.42 dB[SPL]	80.49%	12.42 dB[SPL]	Ok

Ok

2025/3/3 16:21 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band2_20_QPSK_1_0_AMR NB 4.75kbps_CH18900
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 10:47
Responsible Person	audio

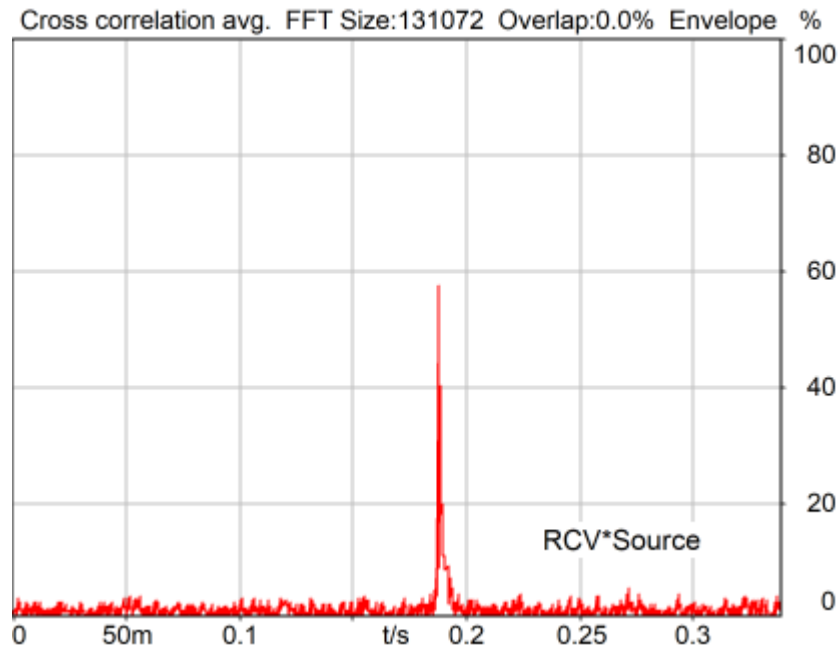
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	188.6	HUHAO_2403_LTE Band2_20_QPSK_1_0_AMR NB 4.75kbps_CH18900
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	20.55	HUHAO_2403_LTE Band2_20_QPSK_1_0_AMR NB 4.75kbps_CH18900
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	15.62	HUHAO_2403_LTE Band2_20_QPSK_1_0_AMR NB 4.75kbps_CH18900

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

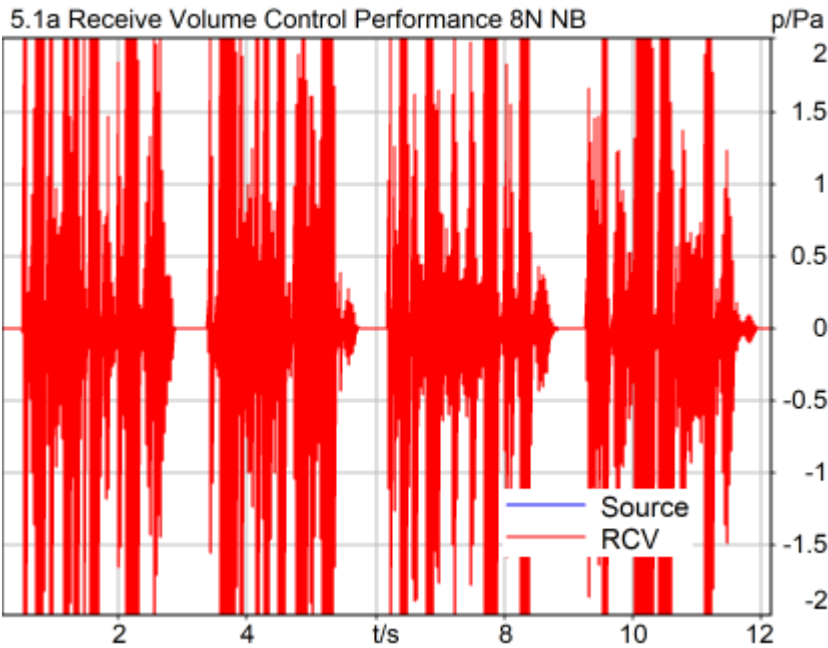


Channel	Delay
RCV*Source	188.6 ms

2025/2/5 15:23 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]	80.69%	20.55 dB[SPL]	Ok

Ok

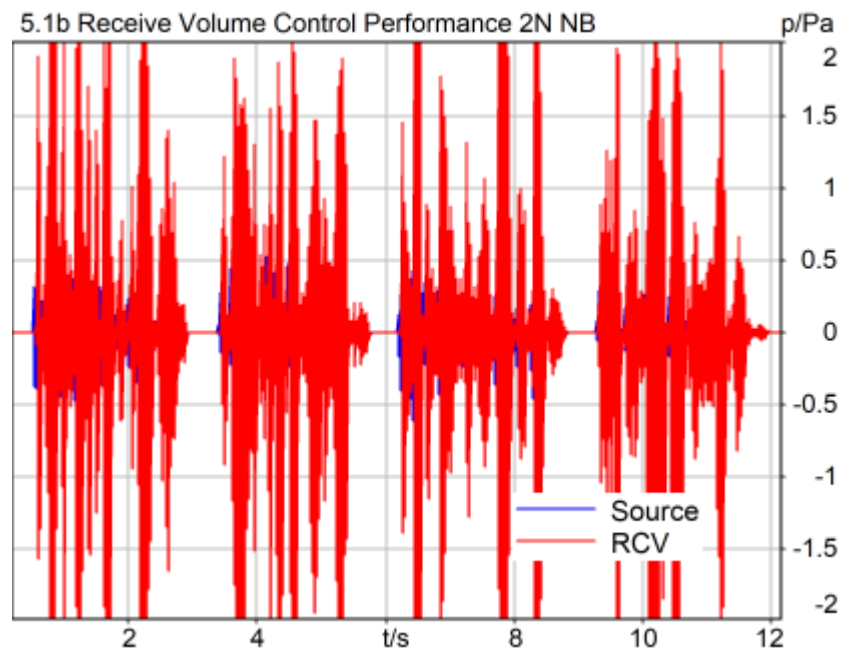
2025/2/5 15:23 ACQUA 6.0.200

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	85.62 dB[SPL]	80.31%	15.62 dB[SPL]	Ok

Ok

2025/2/5 15:22 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band2_20_QPSK_1_0_AMR NB 12.2kbps_CH18900
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 10:47
Responsible Person	audio

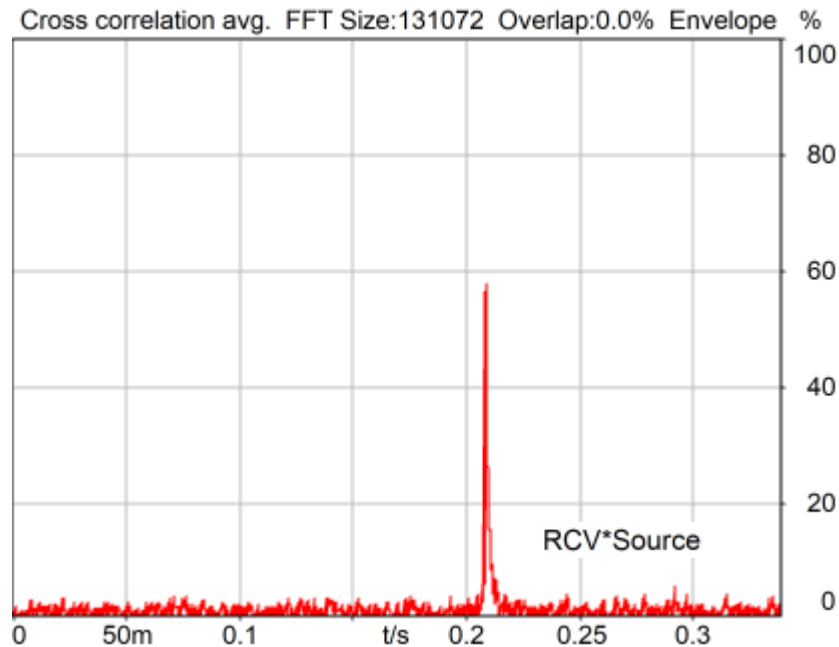
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	209.1	HUHAO_2403_LTE Band2_20_QPSK_1_0_AMR NB 12.2kbps_CH18900
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	20.66	HUHAO_2403_LTE Band2_20_QPSK_1_0_AMR NB 12.2kbps_CH18900
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	15.41	HUHAO_2403_LTE Band2_20_QPSK_1_0_AMR NB 12.2kbps_CH18900

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

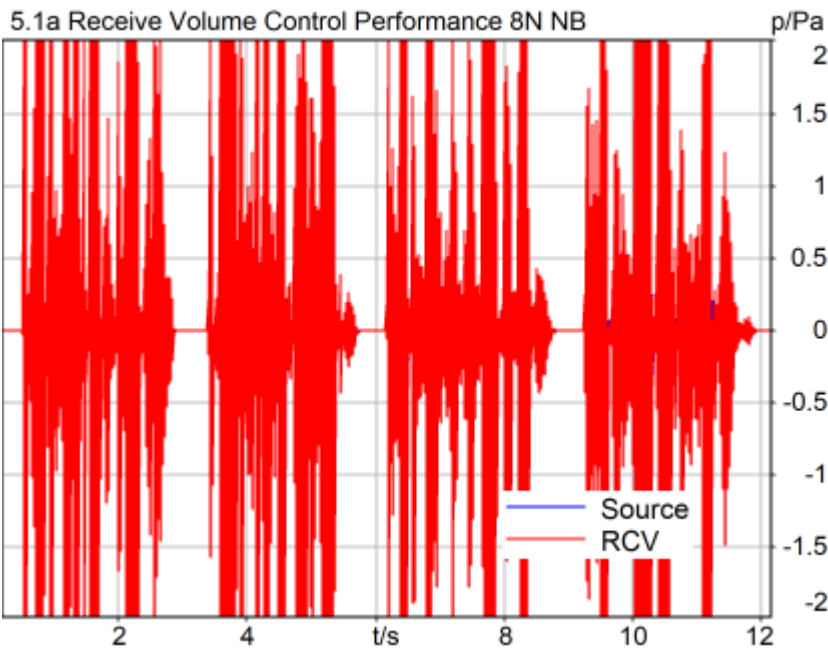


Channel	Delay
RCV*Source	209.1 ms

2025/2/5 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	90.66 dB[SPL]	80.65%	20.66 dB[SPL]	Ok

Ok

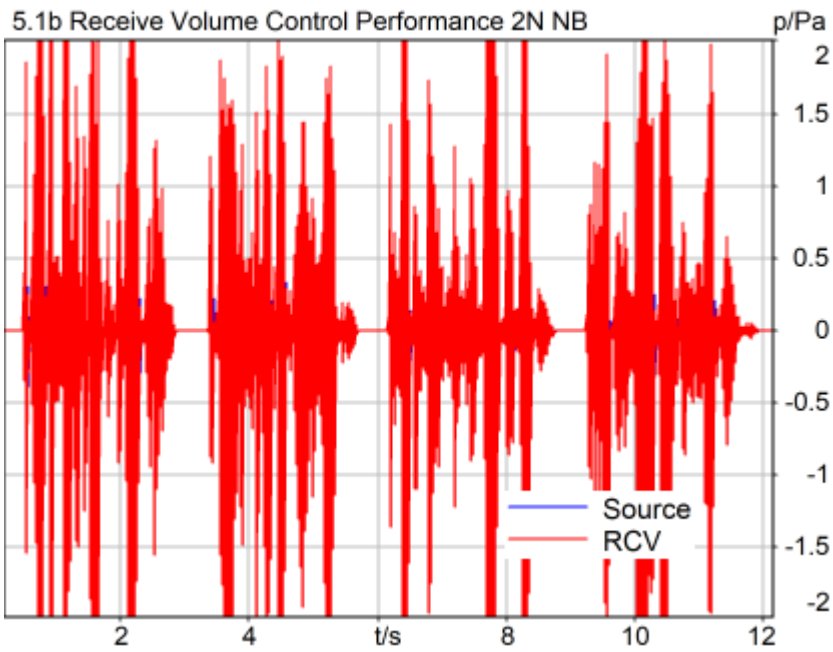
2025/2/5 15:26 ACQUA 6.0.200

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	85.41 dB[SPL]	80.89%	15.41 dB[SPL]	Ok

Ok

2025/2/5 15:27 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band2_20_QPSK_1_0_AMR NB 12.2kbps_CH18900_Sample2
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 10:47
Responsible Person	audio

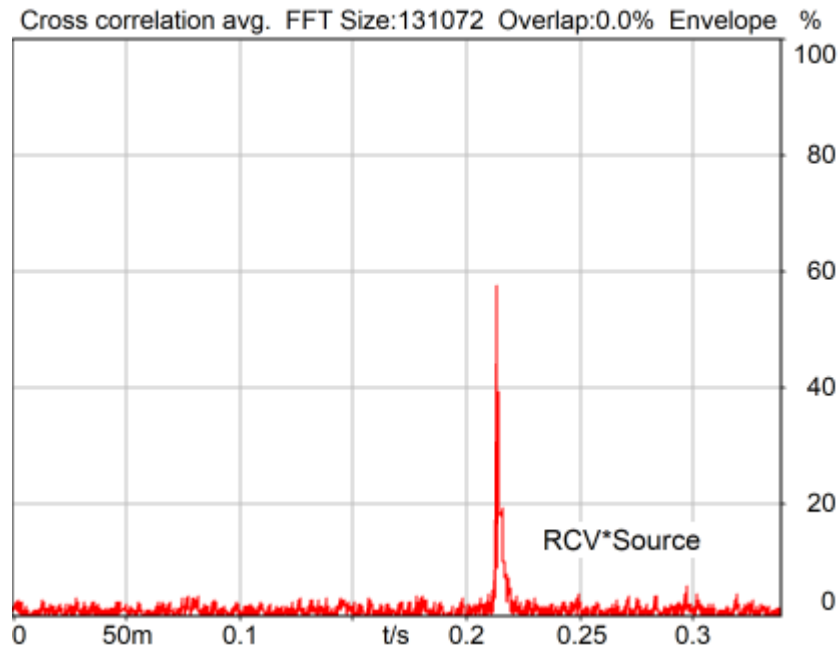
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	214.2	HUHAO_2403_LTE Band2_20_QPSK_1_0_AMR NB 12.2kbps_CH18900_Sample2
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	15.69	HUHAO_2403_LTE Band2_20_QPSK_1_0_AMR NB 12.2kbps_CH18900_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

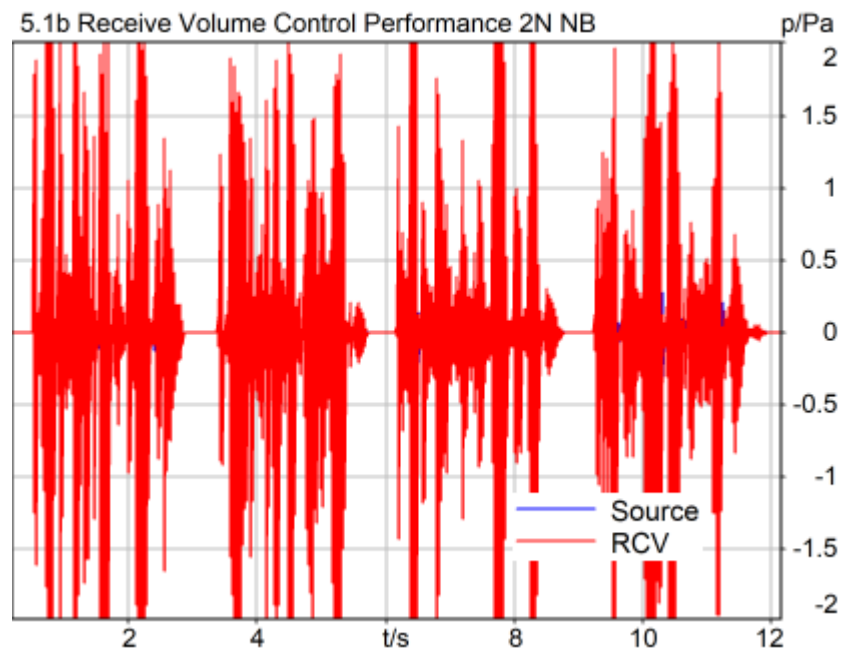


Channel	Delay
RCV*Source	214.2 ms

2025/3/18 16:28 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	85.69 dB[SPL]	80.73%	15.69 dB[SPL]	Ok

Ok

2025/3/18 16:29 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band2_20_QPSK_1_0_AMR WB 6.6kbps_CH18900
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 10:48
Responsible Person	audio

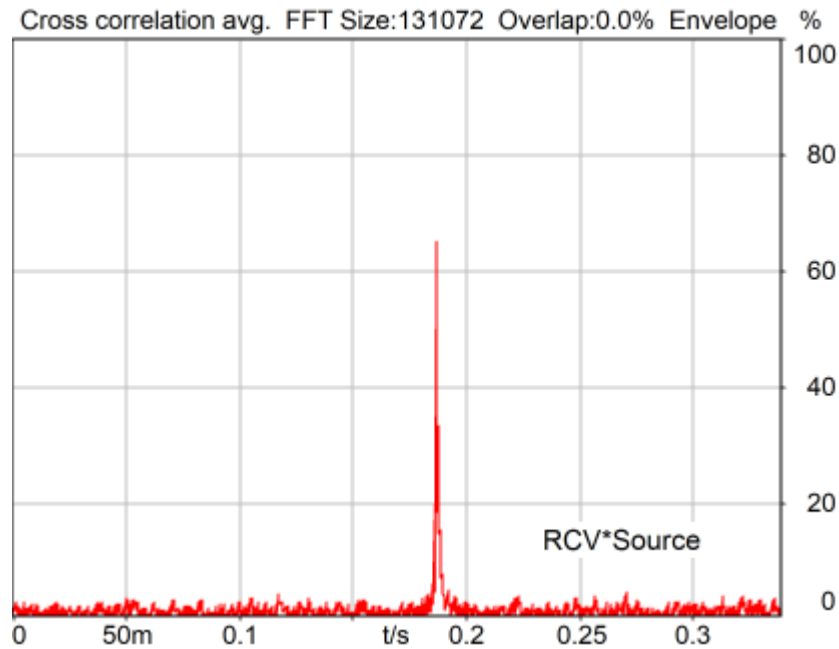
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	187.4	HUHAO_2403_LTE Band2_20_QPSK_1_0_AMR WB 6.6kbps_CH18900
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	22.18	HUHAO_2403_LTE Band2_20_QPSK_1_0_AMR WB 6.6kbps_CH18900
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.75	HUHAO_2403_LTE Band2_20_QPSK_1_0_AMR WB 6.6kbps_CH18900

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

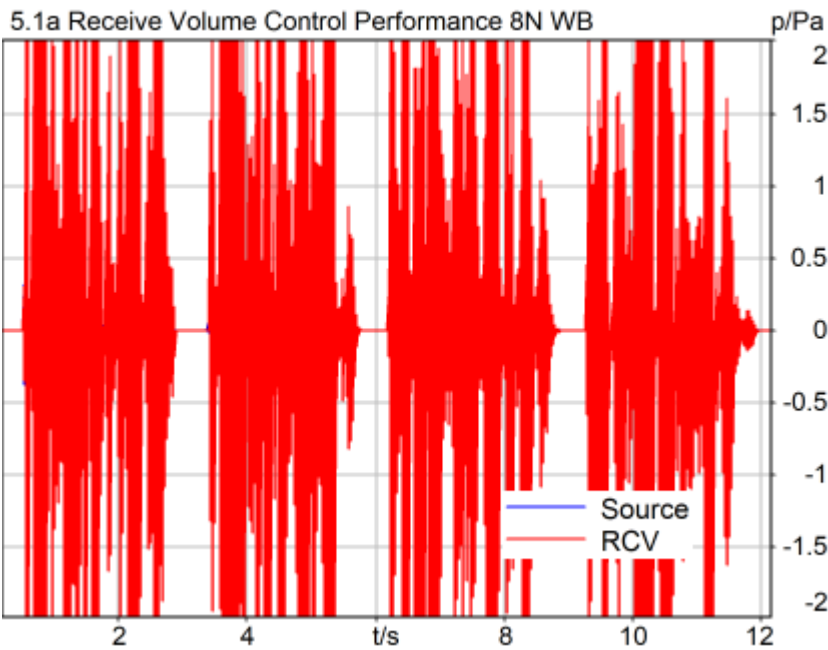


Channel	Delay
RCV*Source	187.4 ms

2025/2/5 15:36 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]	84.07%	22.18 dB[SPL]	Ok

Ok

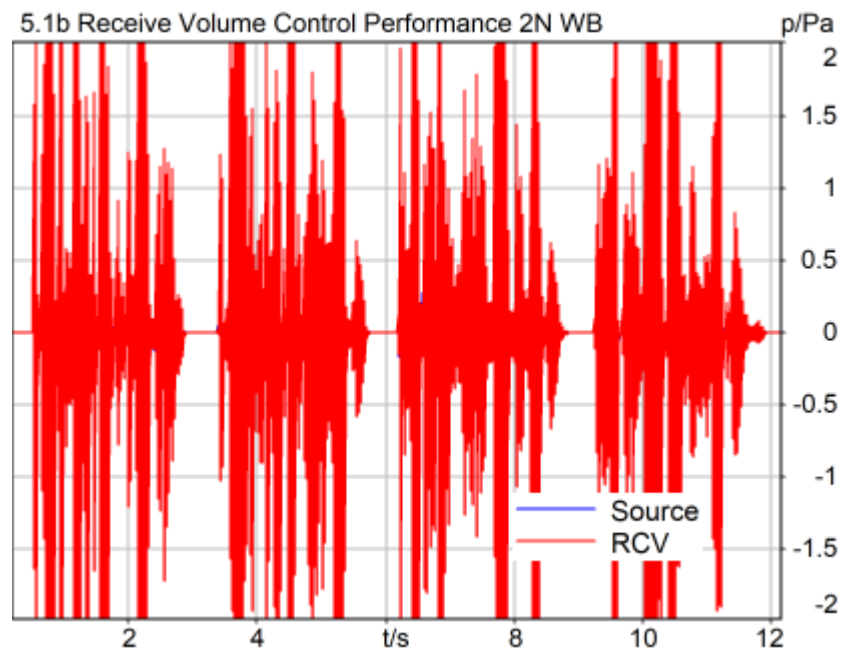
2025/2/5 15:38 ACQUA 6.0.200

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	86.75 dB[SPL]	84.37%	16.75 dB[SPL]	Ok

Ok

2025/2/5 15:31 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band2_20_QPSK_1_0_AMR WB 23.85kbps_CH18900
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 10:48
Responsible Person	audio

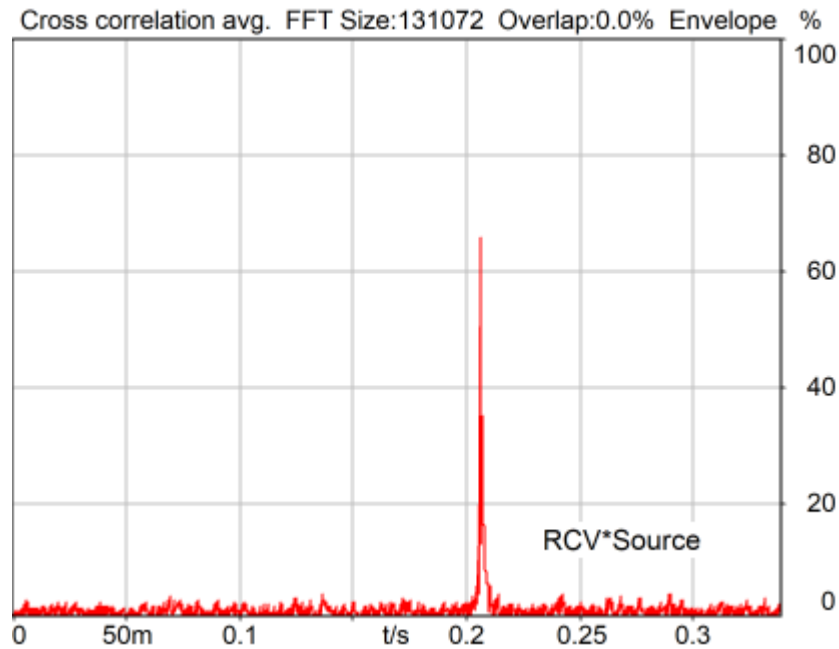
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	206.7	HUHAO_2403_LTE Band2_20_QPSK_1_0_AMR WB 23.85kbps_CH18900
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	22.14	HUHAO_2403_LTE Band2_20_QPSK_1_0_AMR WB 23.85kbps_CH18900
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.92	HUHAO_2403_LTE Band2_20_QPSK_1_0_AMR WB 23.85kbps_CH18900

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

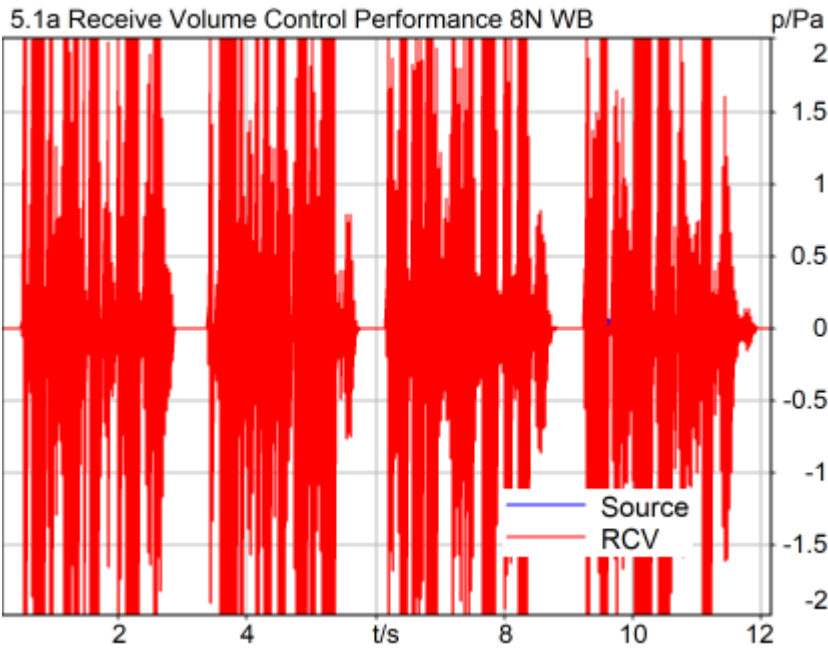


Channel	Delay
RCV*Source	206.7 ms

2025/2/5 15:34 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	92.14 dB[SPL]	84.03%	22.14 dB[SPL]	Ok

Ok

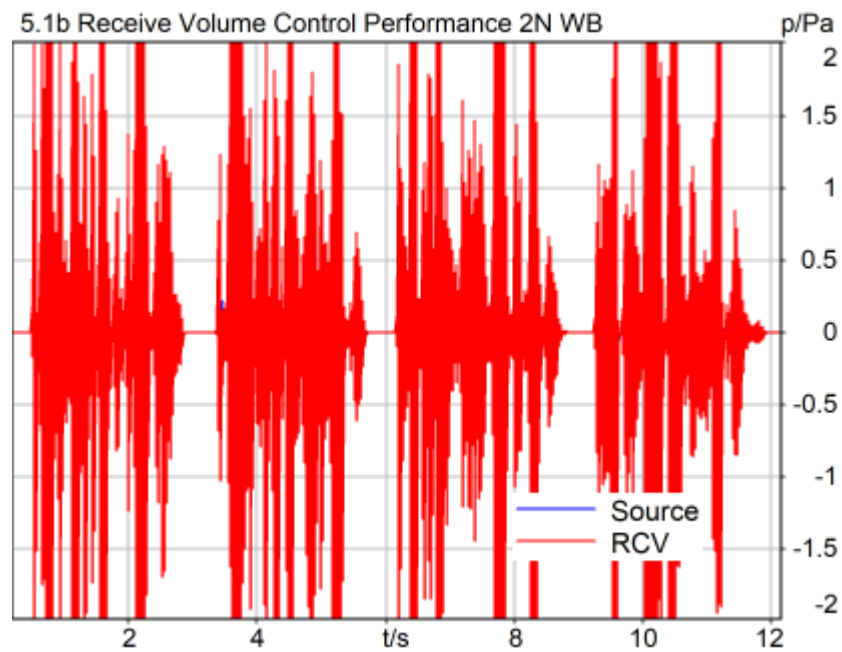
2025/2/5 15:34 ACQUA 6.0.200

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]	84.02%	16.92 dB[SPL]	Ok

Ok

2025/2/5 15:32 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band2_20_QPSK_1_0_EVS NB 5.9kbps_CH18900
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 10:49
Responsible Person	audio

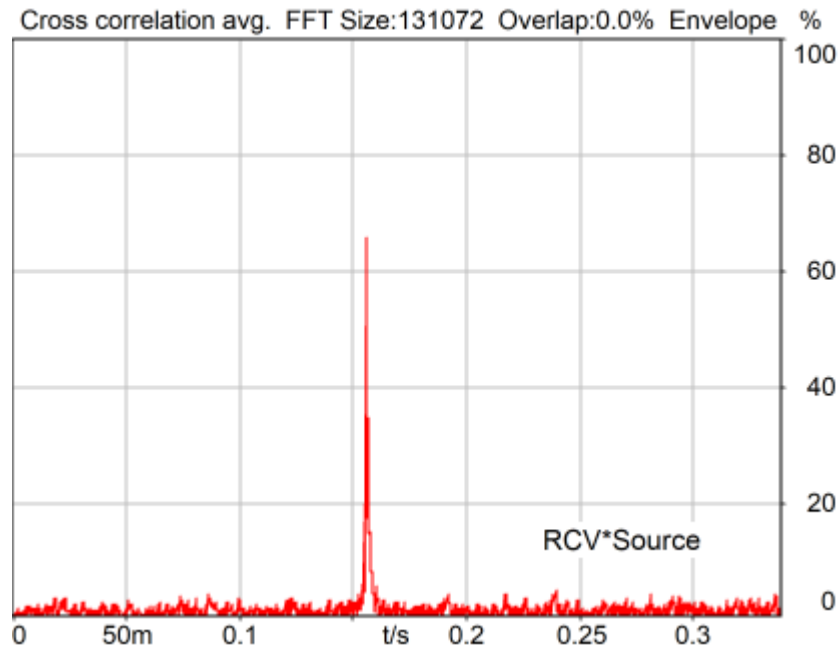
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	156.2	HUHAO_2403_LTE Band2_20_QPSK_1_0_EVS NB 5.9kbps_CH18900
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	21.73	HUHAO_2403_LTE Band2_20_QPSK_1_0_EVS NB 5.9kbps_CH18900
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	16.59	HUHAO_2403_LTE Band2_20_QPSK_1_0_EVS NB 5.9kbps_CH18900

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

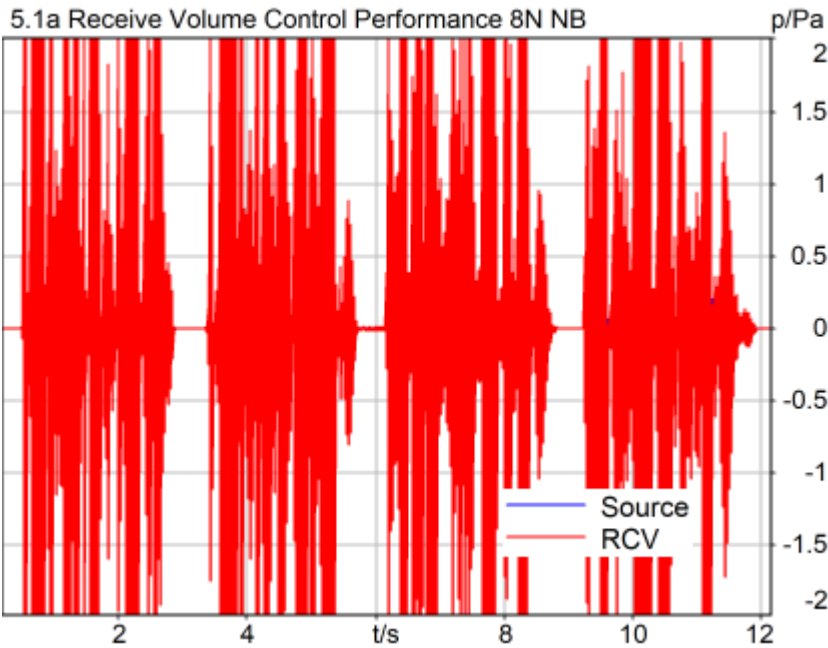


Channel	Delay
RCV*Source	156.2 ms

2025/2/5 15:17 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	91.73 dB[SPL]	84.45%	21.73 dB[SPL]	Ok

Ok

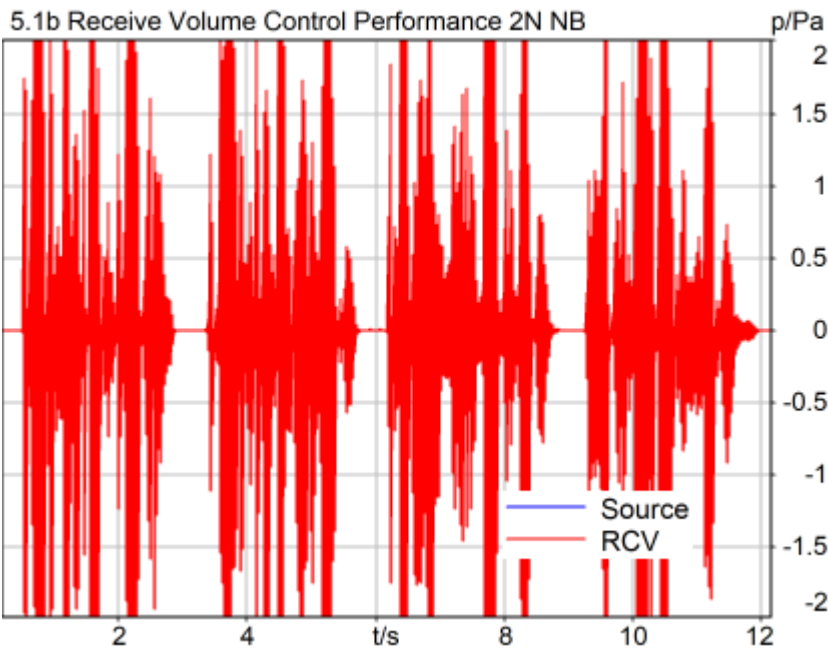
2025/2/5 15:17 ACQUA 6.0.200

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	86.59 dB[SPL]	84.26%	16.59 dB[SPL]	Ok

Ok

2025/2/5 15:18 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band2_20_QPSK_1_0_EVS SWB 9.6kbps_CH18900
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 10:50
Responsible Person	audio

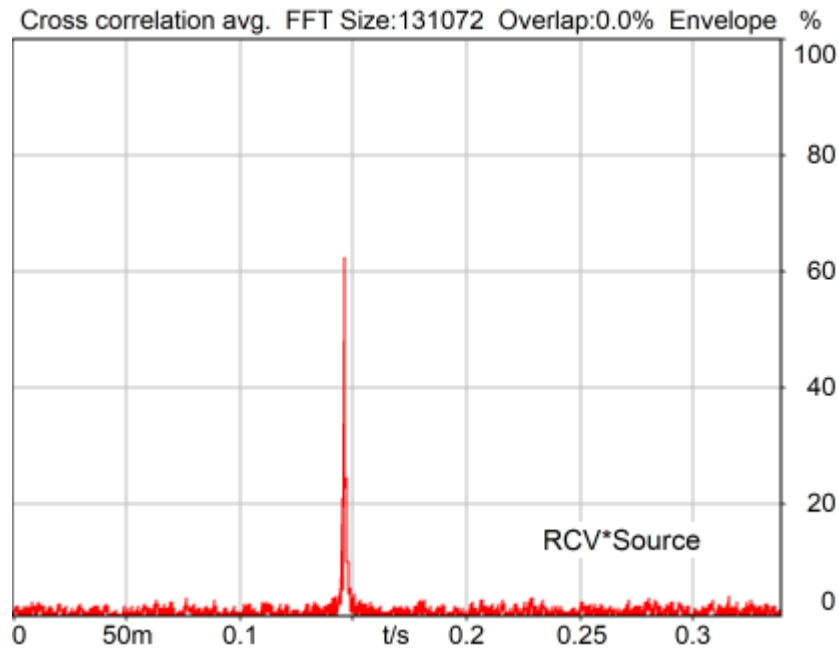
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	146.0	HUHAO_2403_LTE Band2_20_QPSK_1_0_EVS SWB 9.6kbps_CH18900
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.96	HUHAO_2403_LTE Band2_20_QPSK_1_0_EVS SWB 9.6kbps_CH18900
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.88	HUHAO_2403_LTE Band2_20_QPSK_1_0_EVS SWB 9.6kbps_CH18900

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

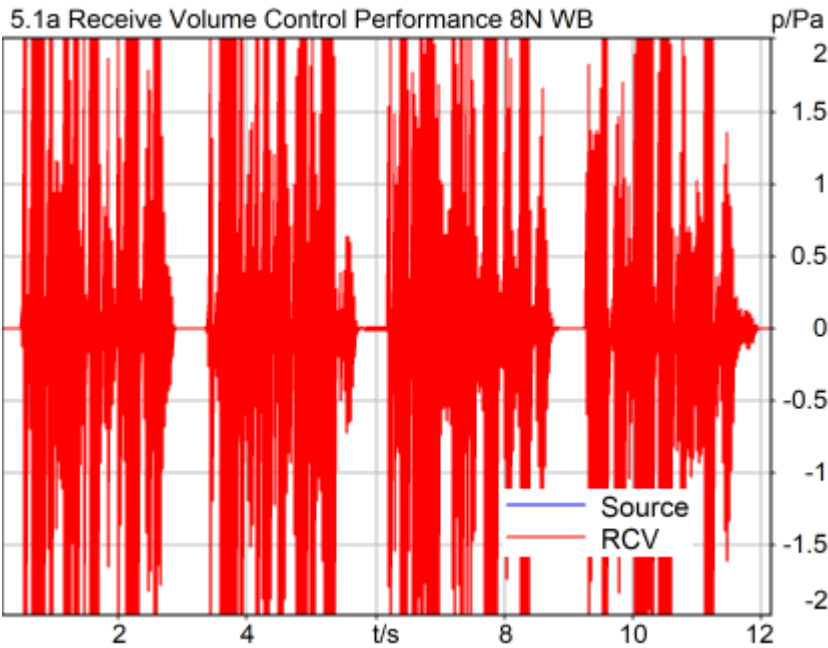


Channel	Delay
RCV*Source	146.0 ms

2025/3/19 14:33 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	91.96 dB[SPL]	84.04%	21.96 dB[SPL]	Ok

Ok

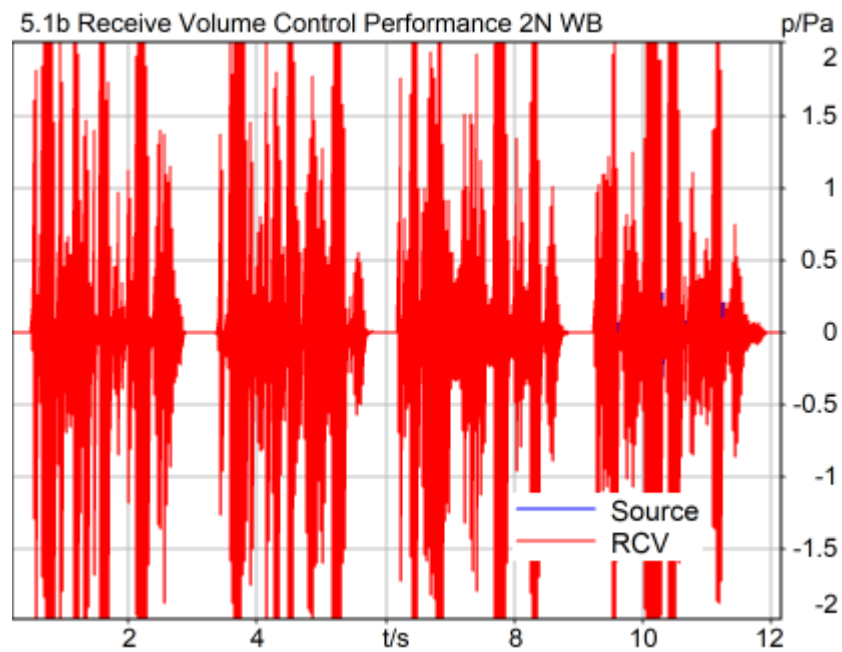
2025/3/19 14:33 ACQUA 6.0.200

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	86.88 dB[SPL]	84.41%	16.88 dB[SPL]	Ok

Ok

2025/3/19 14:32 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band2_20_QPSK_1_0_EVS SWB 128kbps_CH18900
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 10:51
Responsible Person	audio

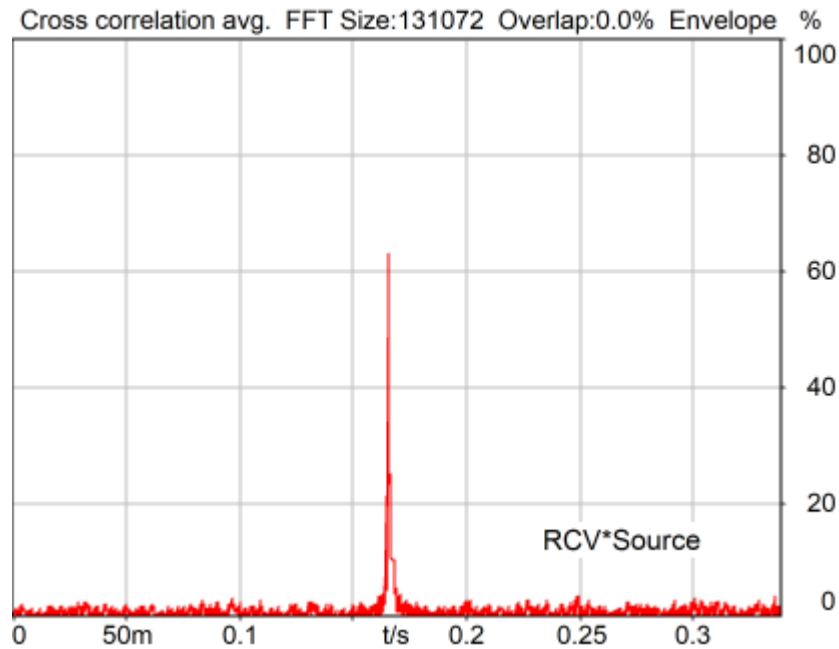
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	166.2	HUHAO_2403_LTE Band2_20_QPSK_1_0_EVS SWB 128kbps_CH18900
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	22.09	HUHAO_2403_LTE Band2_20_QPSK_1_0_EVS SWB 128kbps_CH18900
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	17.05	HUHAO_2403_LTE Band2_20_QPSK_1_0_EVS SWB 128kbps_CH18900

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

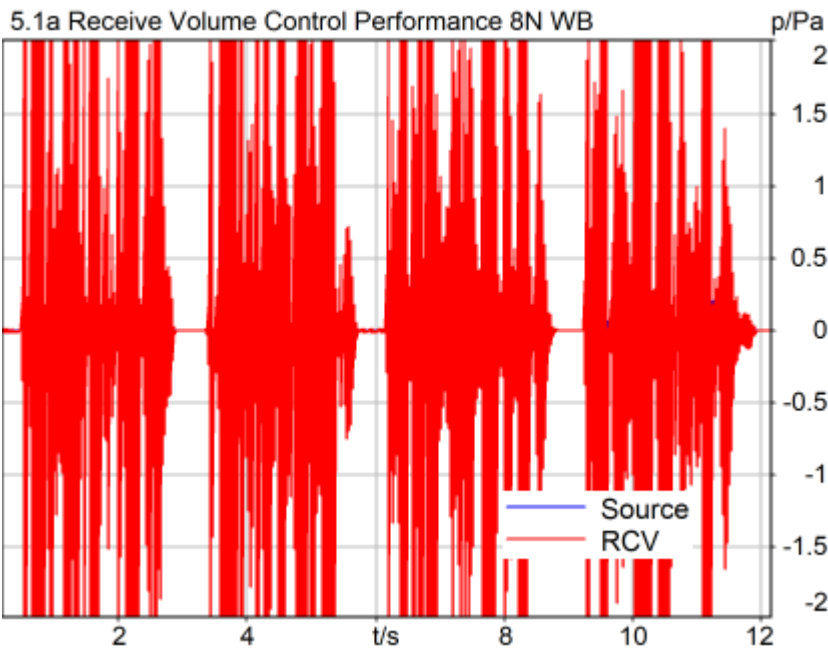


Channel	Delay
RCV*Source	166.2 ms

2025/3/19 14:34 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	92.09 dB[SPL]	84.15%	22.09 dB[SPL]	Ok

Ok

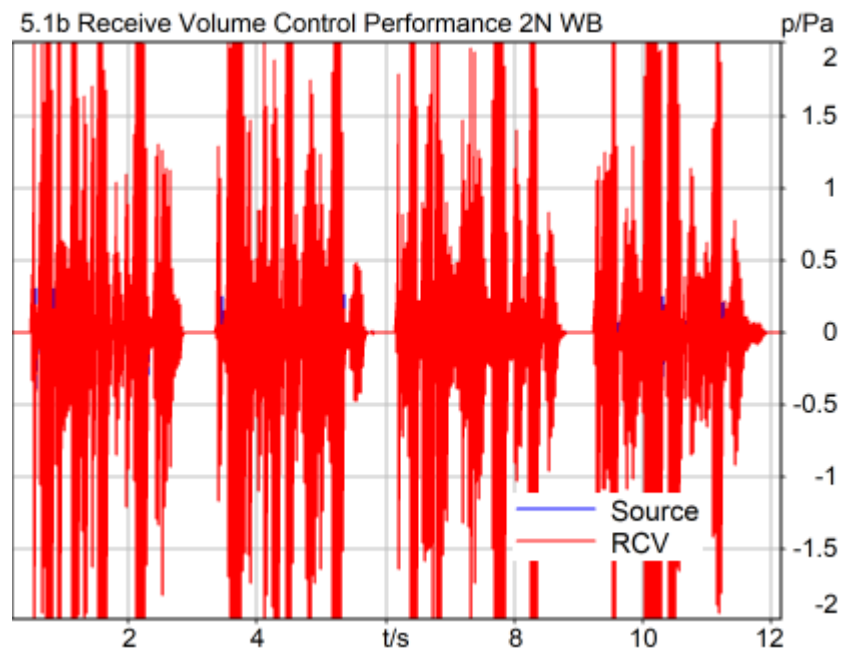
2025/3/19 14:35 ACQUA 6.0.200

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	87.05 dB[SPL]	84.19%	17.05 dB[SPL]	Ok

Ok

2025/3/19 14:36 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band2_20_QPSK_1_0_EVS WB 9.6kbps_CH18900
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 10:49
Responsible Person	audio

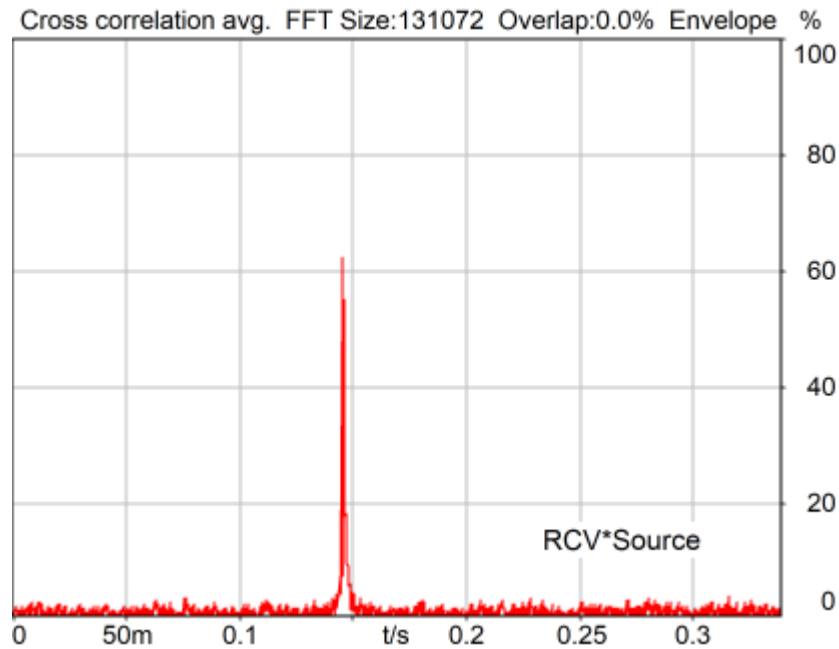
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	145.7	HUHAO_2403_LTE Band2_20_QPSK_1_0_EVS WB 9.6kbps_CH18900
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.55	HUHAO_2403_LTE Band2_20_QPSK_1_0_EVS WB 9.6kbps_CH18900
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.46	HUHAO_2403_LTE Band2_20_QPSK_1_0_EVS WB 9.6kbps_CH18900

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

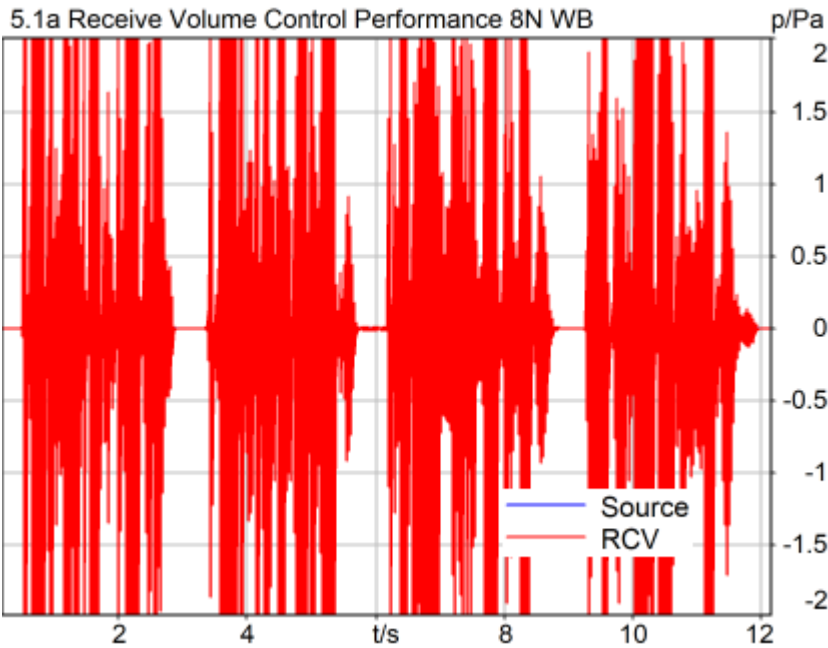


Channel	Delay
RCV*Source	145.7 ms

2025/2/5 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	91.55 dB[SPL]	84.45%	21.55 dB[SPL]	Ok

Ok

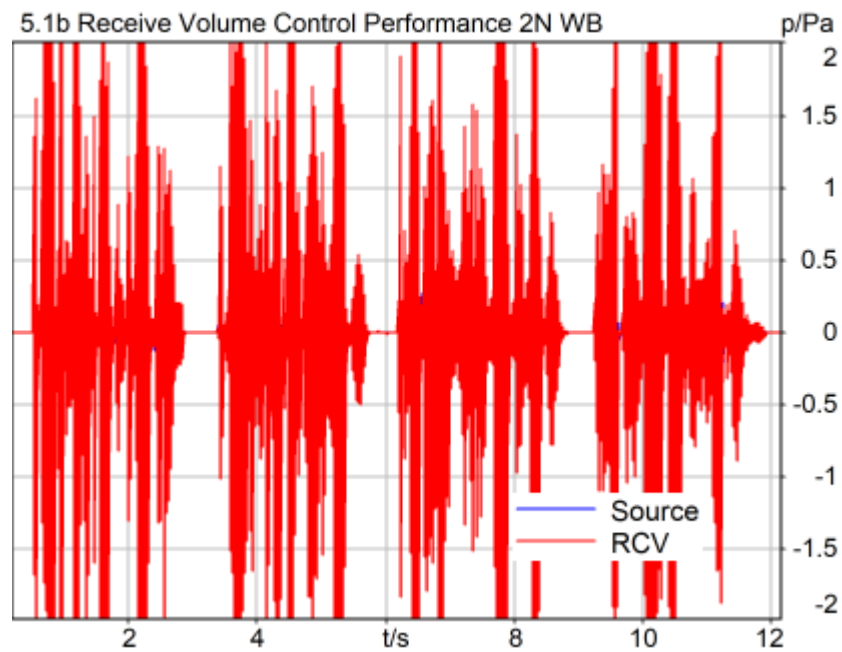
2025/2/5 15:15 ACQUA 6.0.200

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	86.46 dB[SPL]	84.44%	16.46 dB[SPL]	Ok

Ok

2025/2/5 15:10 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band5_10_QPSK_1_0_AMR NB 4.75kbps_CH20525
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 10:52
Responsible Person	audio

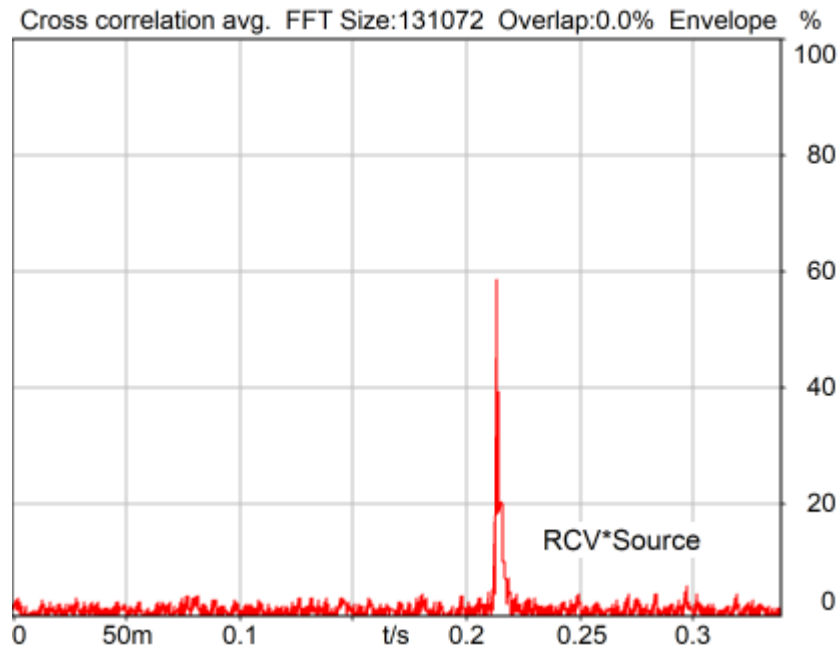
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	214.0	HUHAO_2403_LTE Band5_10_QPSK_1_0_AMR NB 4.75kbps_CH20525
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	20.85	HUHAO_2403_LTE Band5_10_QPSK_1_0_AMR NB 4.75kbps_CH20525
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	15.47	HUHAO_2403_LTE Band5_10_QPSK_1_0_AMR NB 4.75kbps_CH20525

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

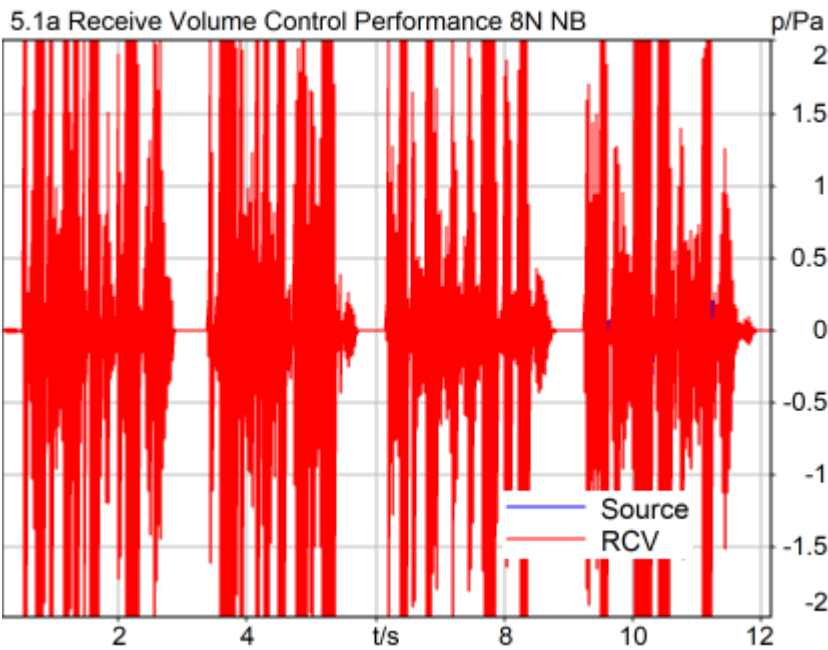


Channel	Delay
RCV*Source	214.0 ms

2025/2/5 15:45 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	90.85 dB[SPL]	80.39%	20.85 dB[SPL]	Ok

Ok

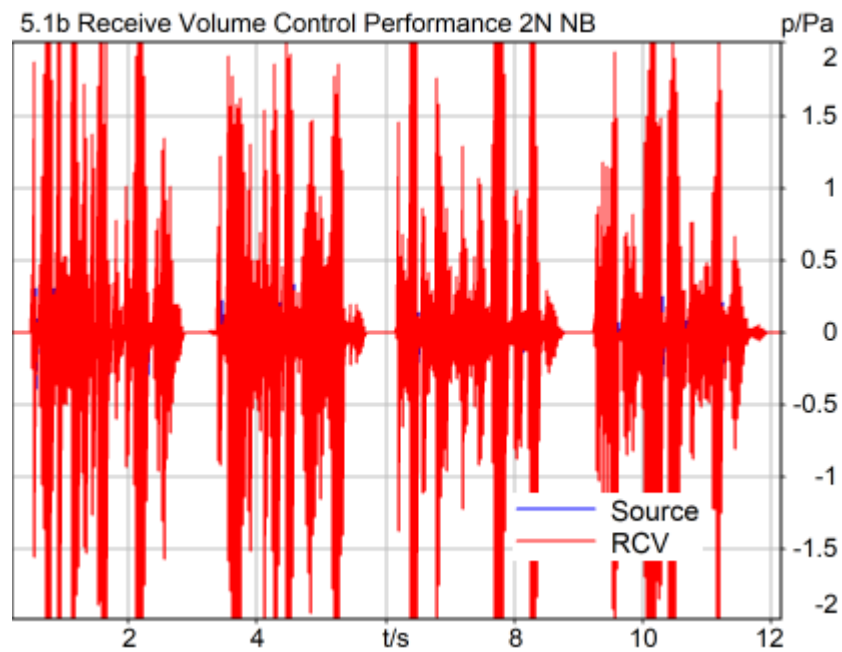
2025/2/5 15:45 ACQUA 6.0.200

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	85.47 dB[SPL]	80.40%	15.47 dB[SPL]	Ok

Ok

2025/2/5 15:50 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band5_10_QPSK_1_0_AMR NB 12.2kbps_CH20525
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 10:53
Responsible Person	audio

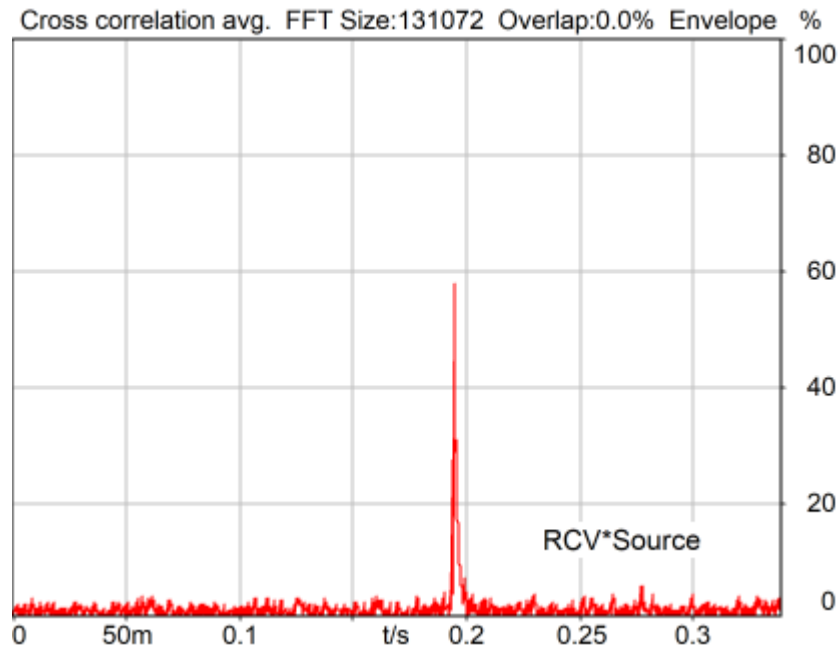
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	194.7	HUHAO_2403_LTE Band5_10_QPSK_1_0_AMR NB 12.2kbps_CH20525
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	20.76	HUHAO_2403_LTE Band5_10_QPSK_1_0_AMR NB 12.2kbps_CH20525
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	15.68	HUHAO_2403_LTE Band5_10_QPSK_1_0_AMR NB 12.2kbps_CH20525

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

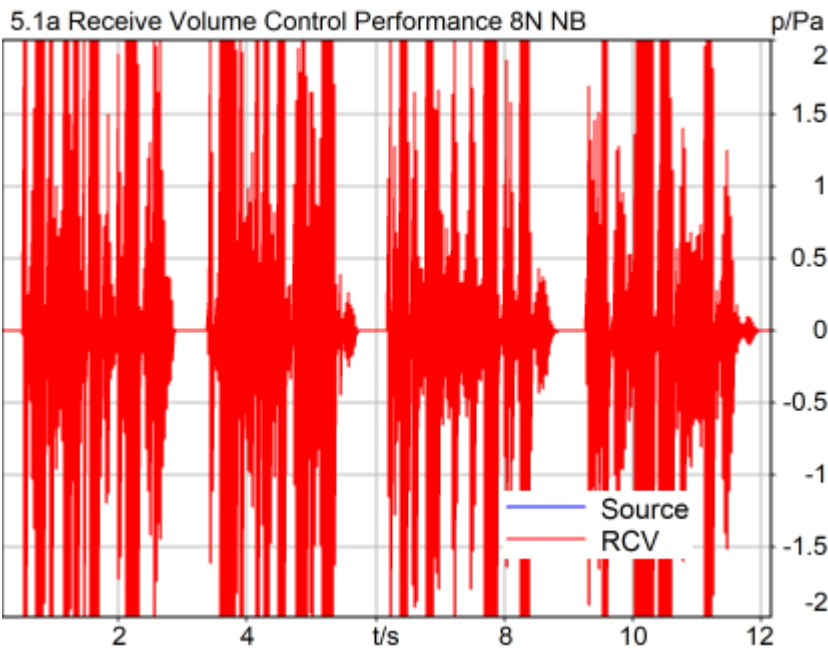


Channel	Delay
RCV*Source	194.7 ms

2025/2/5 15:47 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	90.76 dB[SPL]	80.74%	20.76 dB[SPL]	Ok

Ok

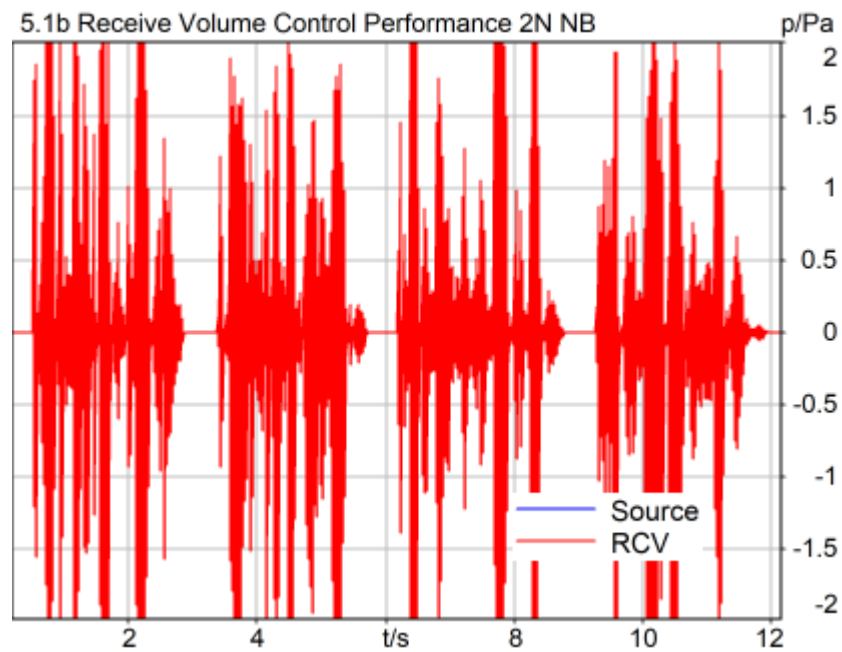
2025/2/5 15:47 ACQUA 6.0.200

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	85.68 dB[SPL]	80.38%	15.68 dB[SPL]	Ok

Ok

2025/2/5 15:49 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band5_10_QPSK_1_0_AMR WB 6.6kbps_CH20525
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 10:53
Responsible Person	audio

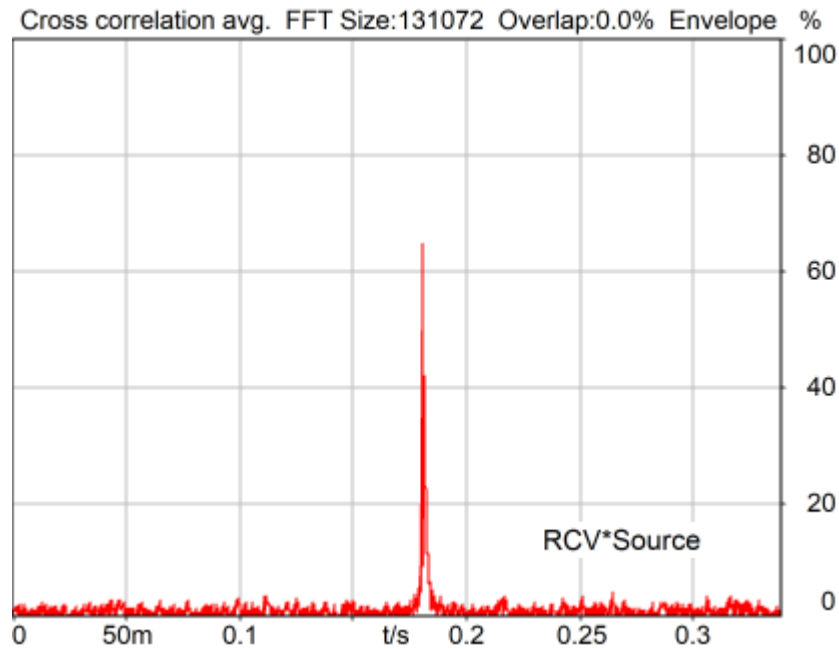
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	181.4	HUHAO_2403_LTE Band5_10_QPSK_1_0_AMR WB 6.6kbps_CH20525
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	22.16	HUHAO_2403_LTE Band5_10_QPSK_1_0_AMR WB 6.6kbps_CH20525
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.94	HUHAO_2403_LTE Band5_10_QPSK_1_0_AMR WB 6.6kbps_CH20525

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

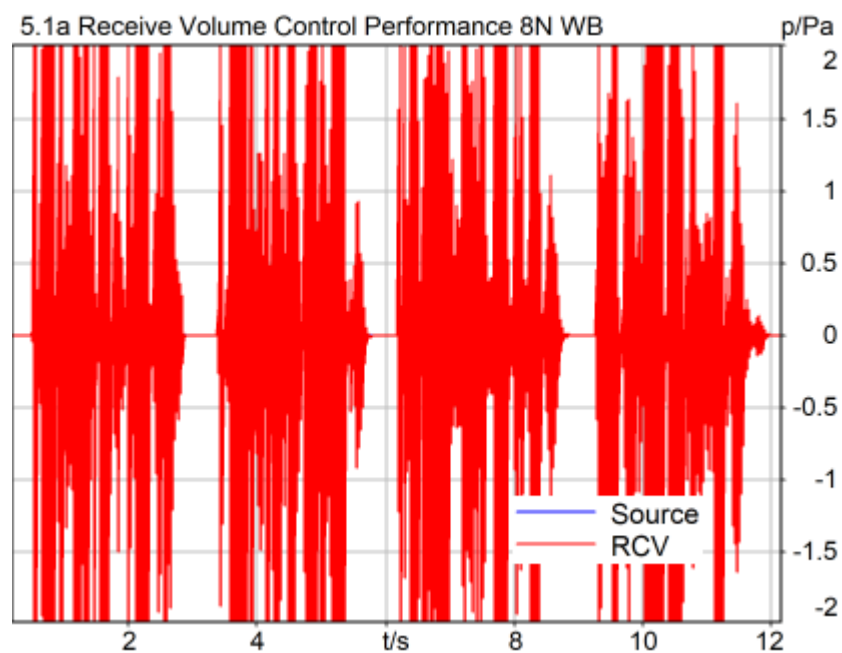


Channel	Delay
RCV*Source	181.4 ms

2025/2/5 15:52 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	92.16 dB[SPL]	84.15%	22.16 dB[SPL]	Ok

Ok

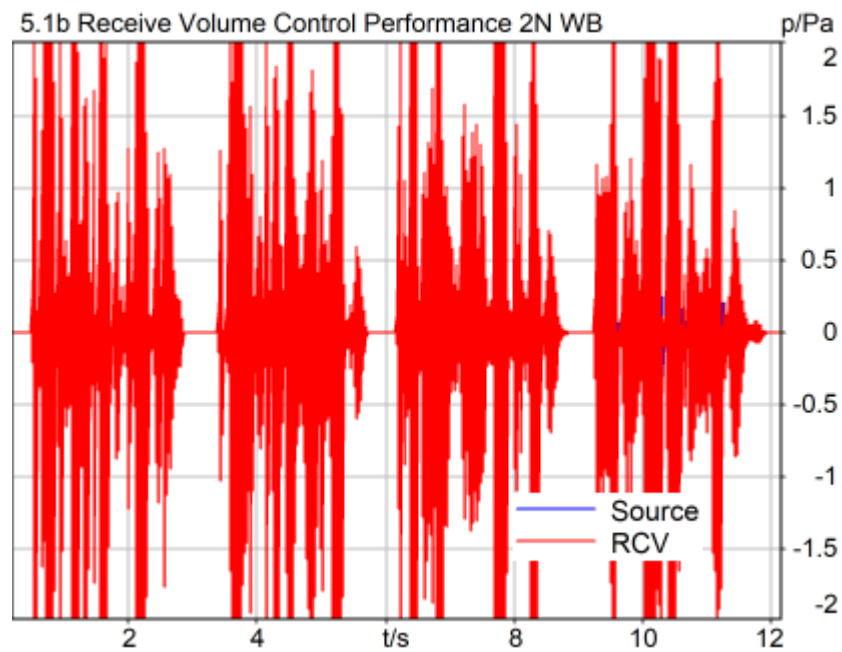
2025/2/5 15:52 ACQUA 6.0.200

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	86.94 dB[SPL]	83.94%	16.94 dB[SPL]	Ok

Ok

2025/2/5 15:52 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band5_10_QPSK_1_0_AMR WB 23.85kbps_CH20525
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 10:53
Responsible Person	audio

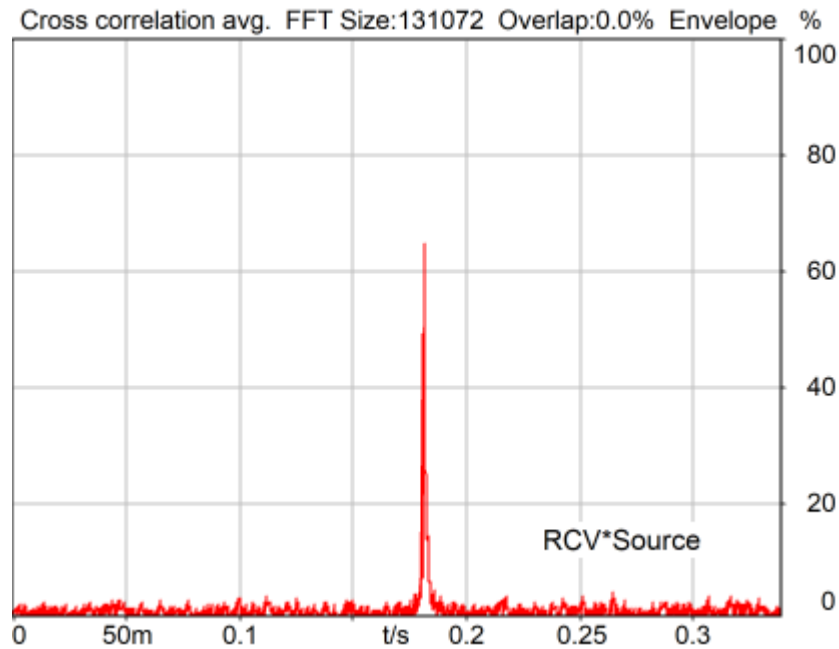
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	181.6	HUHAO_2403_LTE Band5_10_QPSK_1_0_AMR WB 23.85kbps_CH20525
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	22.32	HUHAO_2403_LTE Band5_10_QPSK_1_0_AMR WB 23.85kbps_CH20525
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.92	HUHAO_2403_LTE Band5_10_QPSK_1_0_AMR WB 23.85kbps_CH20525

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

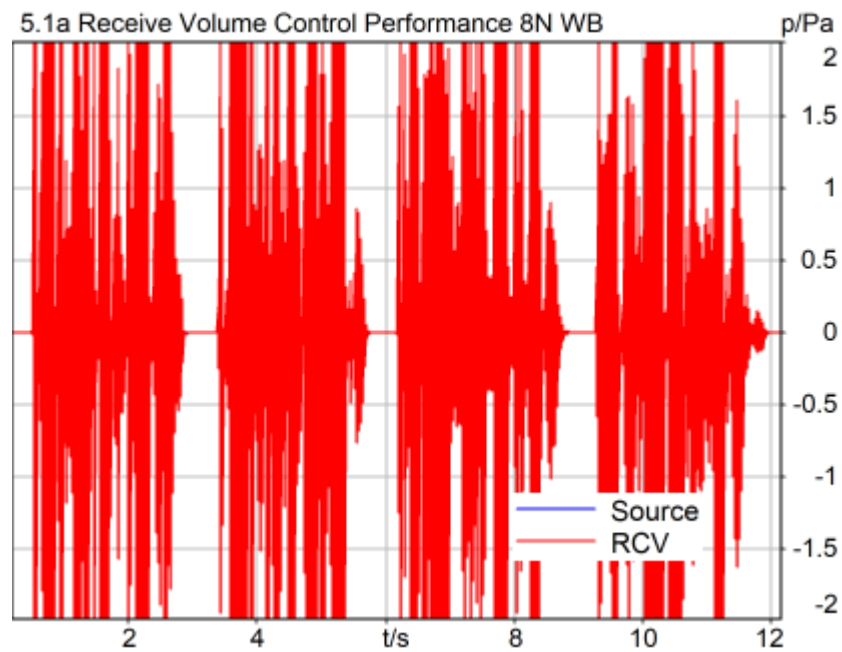


Channel	Delay
RCV*Source	181.6 ms

2025/2/5 15:53 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	92.32 dB[SPL]	84.10%	22.32 dB[SPL]	Ok

Ok

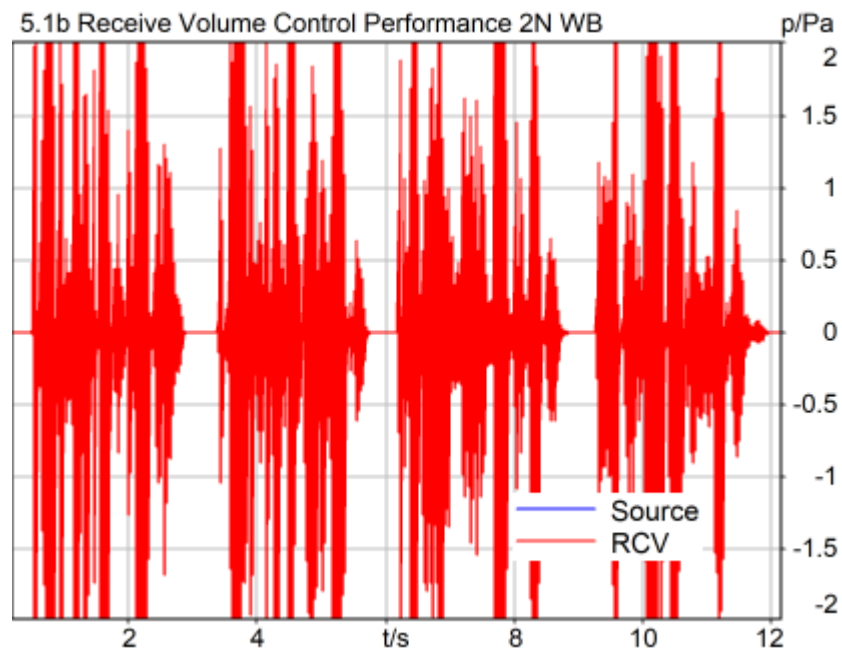
2025/2/5 15:54 ACQUA 6.0.200

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]	84.02%	16.92 dB[SPL]	Ok

Ok

2025/2/5 15:55 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band5_10_QPSK_1_0_EVS NB 5.9kbps_CH20525
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 10:55
Responsible Person	audio

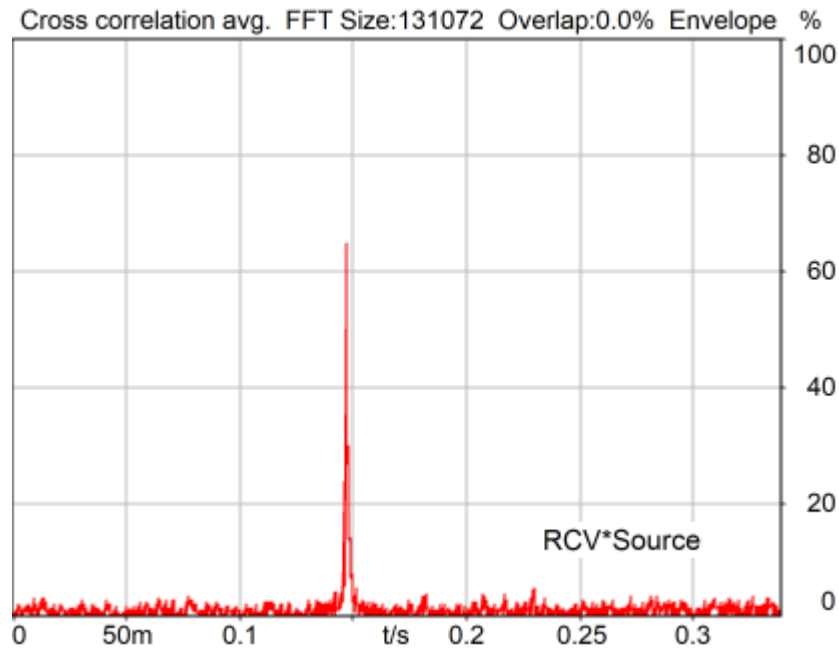
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	146.9	HUHAO_2403_LTE Band5_10_QPSK_1_0_EVS NB 5.9kbps_CH20525
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	21.71	HUHAO_2403_LTE Band5_10_QPSK_1_0_EVS NB 5.9kbps_CH20525
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	16.48	HUHAO_2403_LTE Band5_10_QPSK_1_0_EVS NB 5.9kbps_CH20525

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

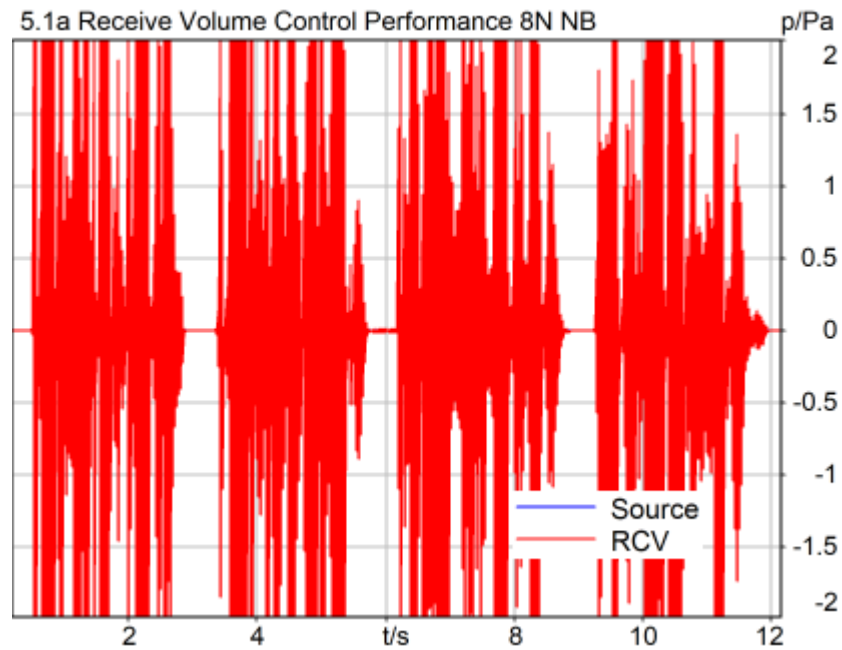


Channel	Delay
RCV*Source	146.9 ms

2025/2/5 16:00 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	91.71 dB[SPL]	84.51%	21.71 dB[SPL]	Ok

Ok

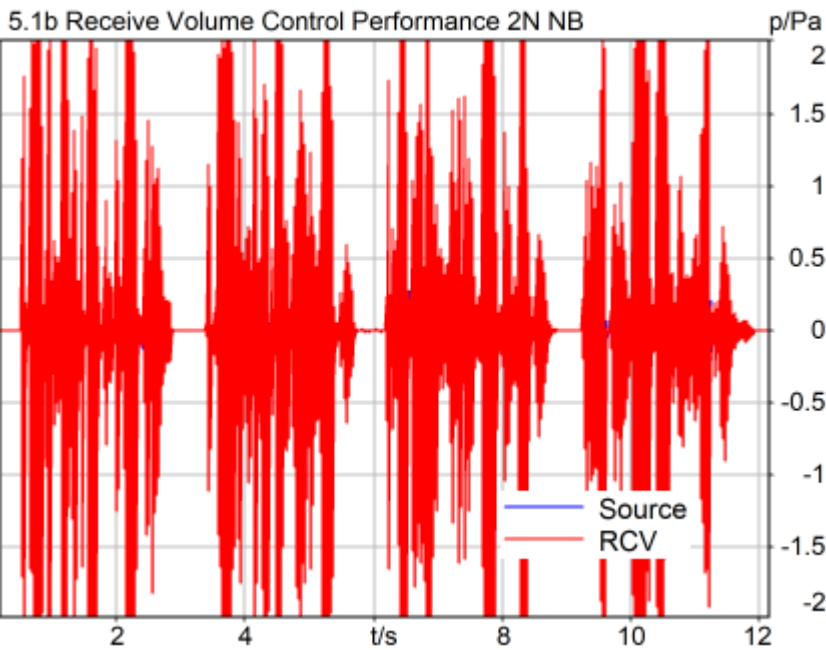
2025/2/5 16:00 ACQUA 6.0.200

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	86.48 dB[SPL]	84.58%	16.48 dB[SPL]	Ok

Ok

2025/2/5 15:59 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band5_10_QPSK_1_0_EVS SWB 9.6kbps_CH20525
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 10:56
Responsible Person	audio

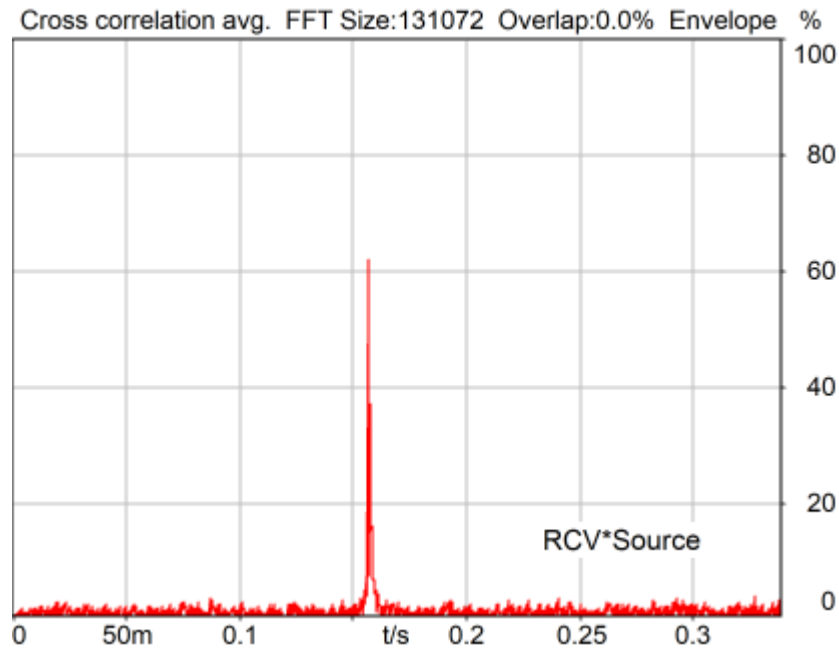
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	157.5	HUHAO_2403_LTE Band5_10_QPSK_1_0_EVS SWB 9.6kbps_CH20525
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.93	HUHAO_2403_LTE Band5_10_QPSK_1_0_EVS SWB 9.6kbps_CH20525
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.43	HUHAO_2403_LTE Band5_10_QPSK_1_0_EVS SWB 9.6kbps_CH20525

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

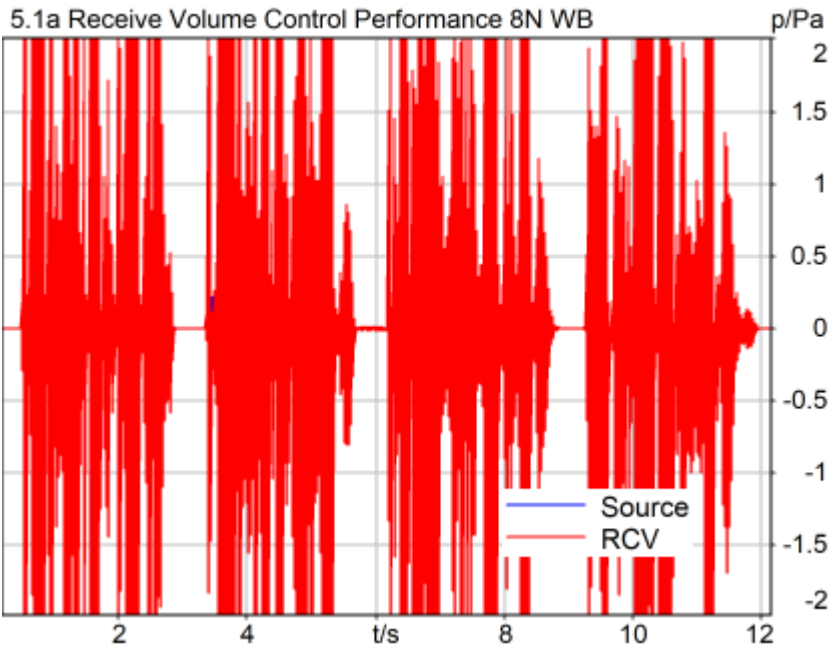


Channel	Delay
RCV*Source	157.5 ms

2025/3/19 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	91.93 dB[SPL]	84.17%	21.93 dB[SPL]	Ok

Ok

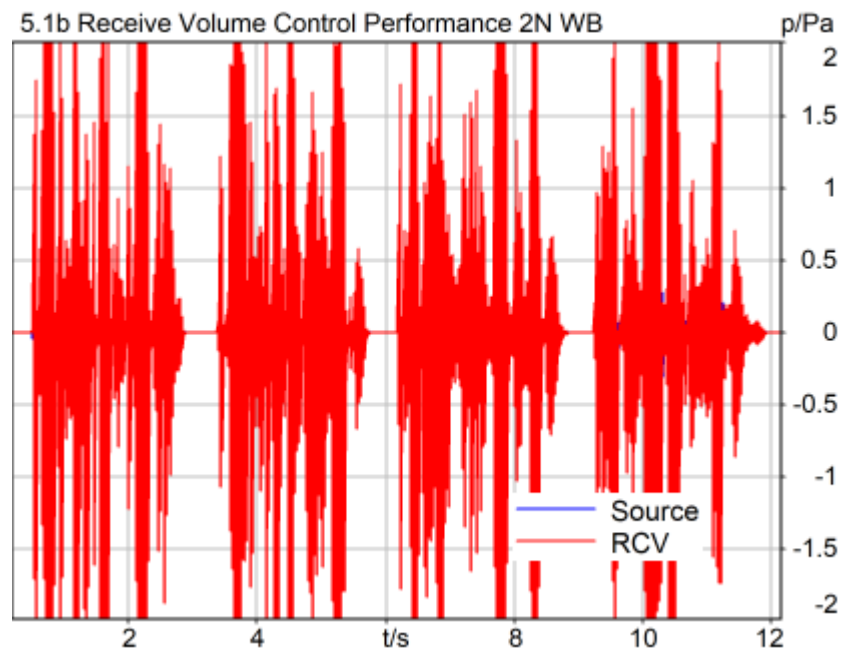
2025/3/19 14:44 ACQUA 6.0.200

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	86.43 dB[SPL]	84.42%	16.43 dB[SPL]	Ok

Ok

2025/3/19 14:43 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band5_10_QPSK_1_0_EVS SWB 128kbps_CH20525
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 10:57
Responsible Person	audio

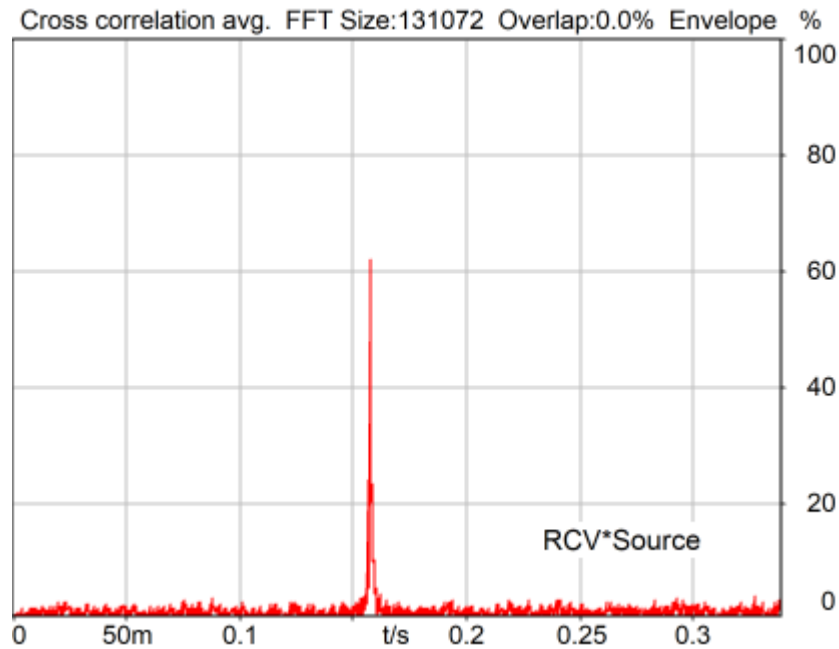
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	157.9	HUHAO_2403_LTE Band5_10_QPSK_1_0_EVS SWB 128kbps_CH20525
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.99	HUHAO_2403_LTE Band5_10_QPSK_1_0_EVS SWB 128kbps_CH20525
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.69	HUHAO_2403_LTE Band5_10_QPSK_1_0_EVS SWB 128kbps_CH20525

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

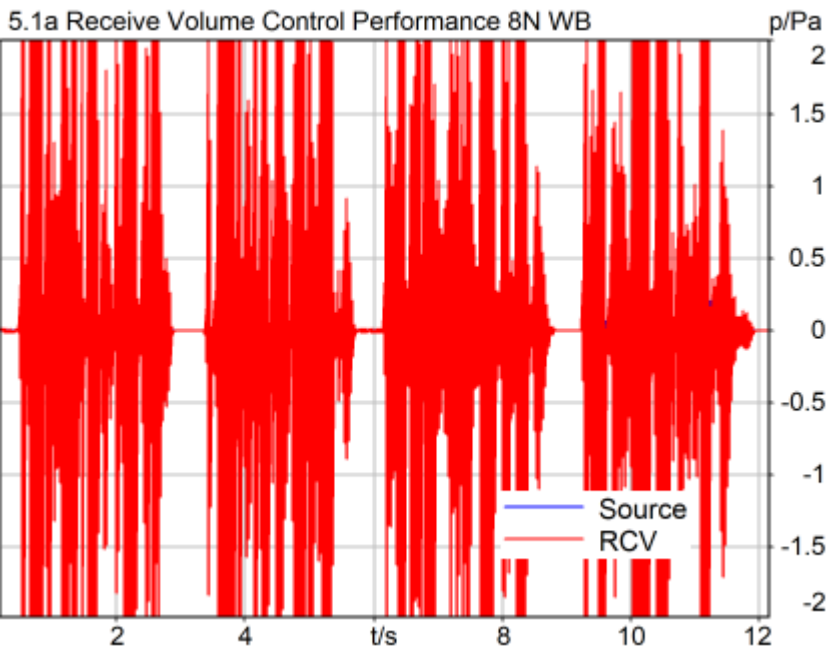


Channel	Delay
RCV*Source	157.9 ms

2025/3/19 14:45 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]	84.09%	21.99 dB[SPL]	Ok

Ok

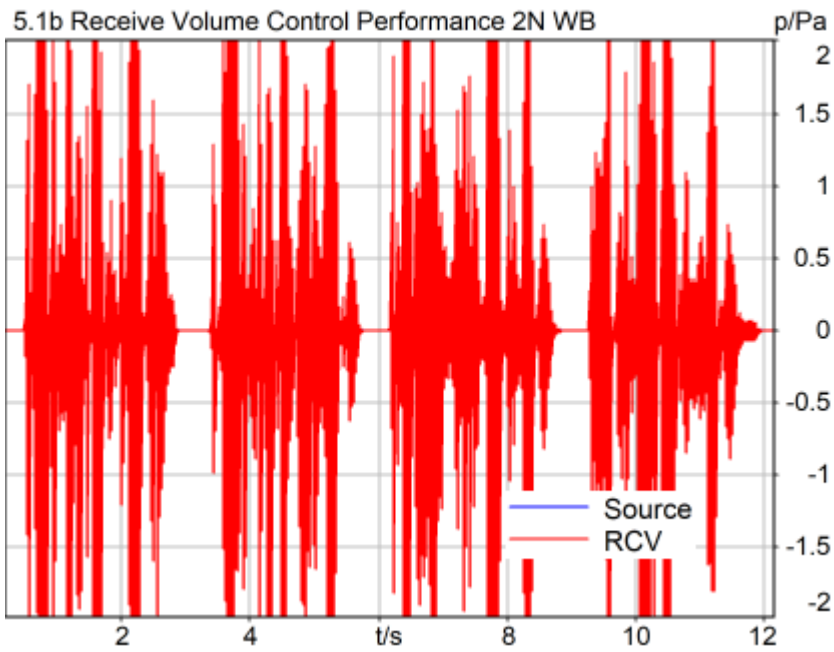
2025/3/19 14:46 ACQUA 6.0.200

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	86.69 dB[SPL]	84.39%	16.69 dB[SPL]	Ok

Ok

2025/3/19 14:47 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band5_10_QPSK_1_0_EVS WB 9.6kbps_CH20525
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 10:56
Responsible Person	audio

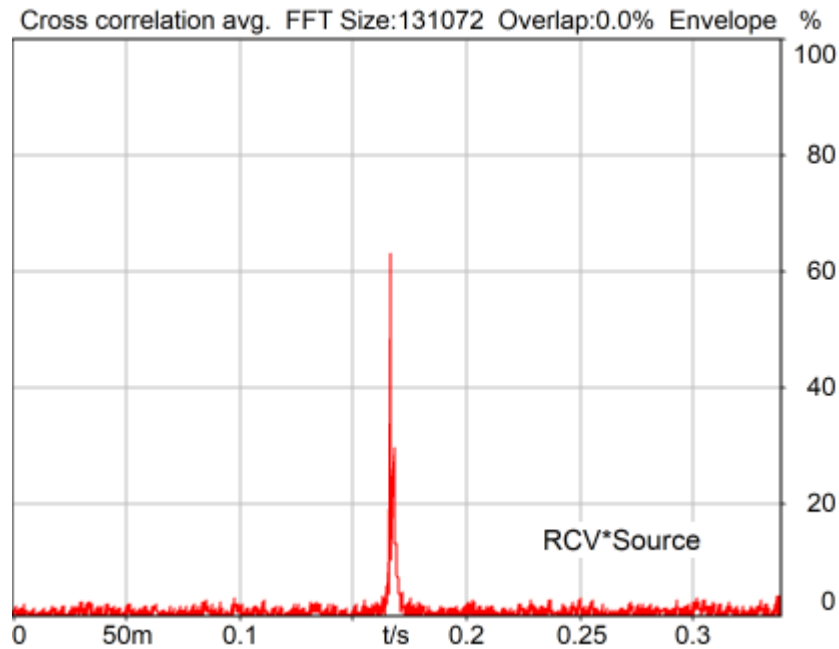
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	167.4	HUHAO_2403_LTE Band5_10_QPSK_1_0_EVS WB 9.6kbps_CH20525
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.76	HUHAO_2403_LTE Band5_10_QPSK_1_0_EVS WB 9.6kbps_CH20525
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.70	HUHAO_2403_LTE Band5_10_QPSK_1_0_EVS WB 9.6kbps_CH20525

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

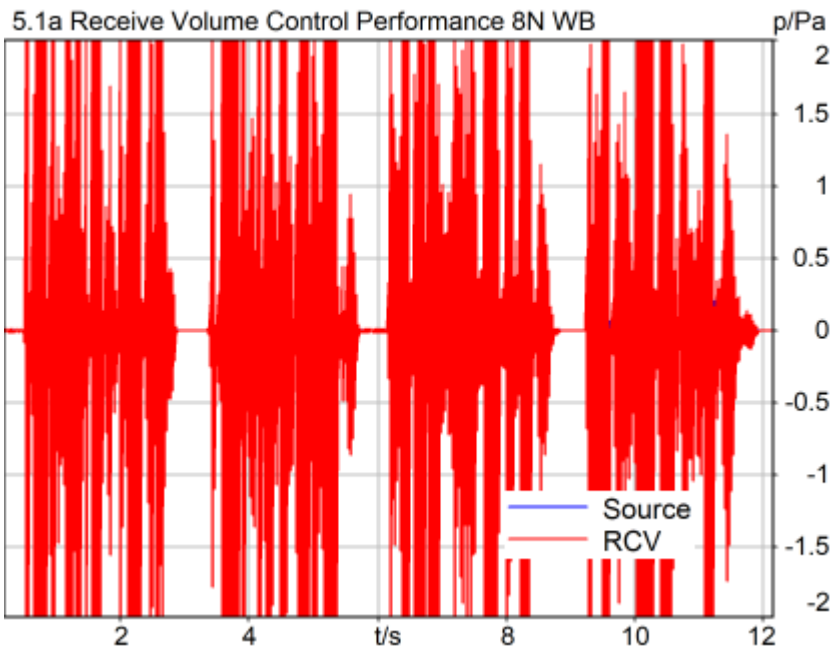


Channel	Delay
RCV*Source	167.4 ms

2025/2/5 16:02 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	91.76 dB[SPL]	84.47%	21.76 dB[SPL]	Ok

Ok

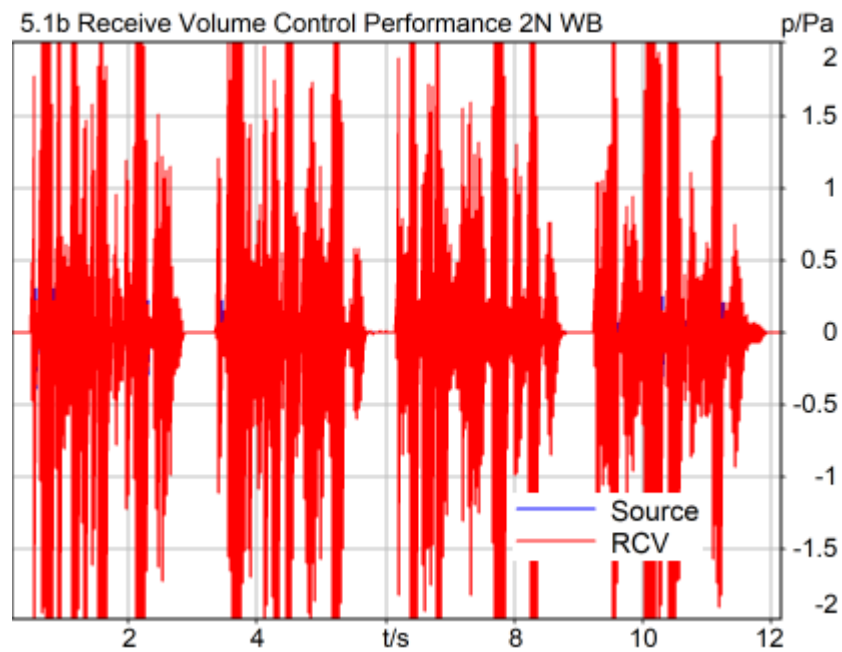
2025/2/5 16:02 ACQUA 6.0.200

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	86.70 dB[SPL]	84.51%	16.70 dB[SPL]	Ok

Ok

2025/2/5 16:03 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band12_10_QPSK_1_0_AMR NB 4.75kbps_CH23095
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 10:57
Responsible Person	audio

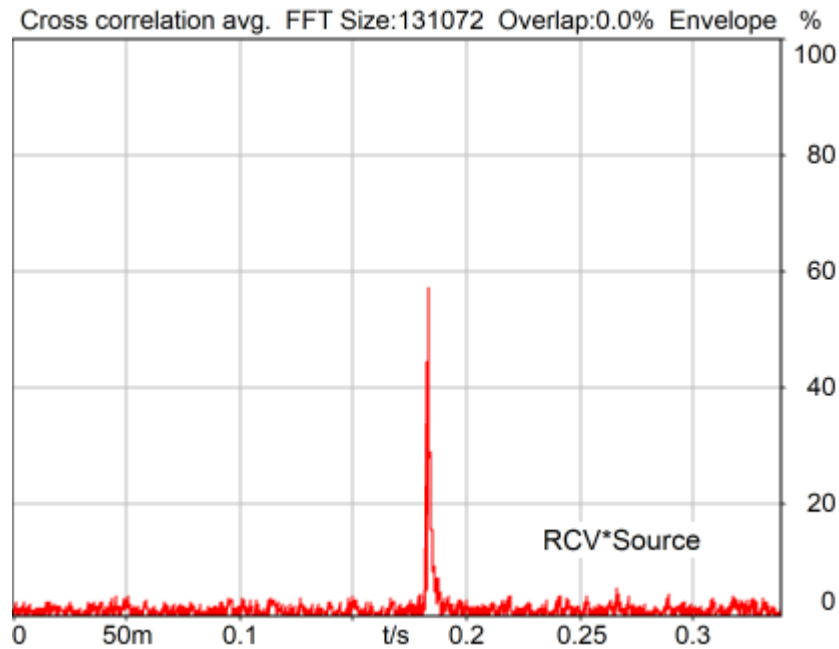
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	183.5	HUHAO_2403_LTE Band12_10_QPSK_1_0_AMR NB 4.75kbps_CH23095
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	20.67	HUHAO_2403_LTE Band12_10_QPSK_1_0_AMR NB 4.75kbps_CH23095
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	15.65	HUHAO_2403_LTE Band12_10_QPSK_1_0_AMR NB 4.75kbps_CH23095

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

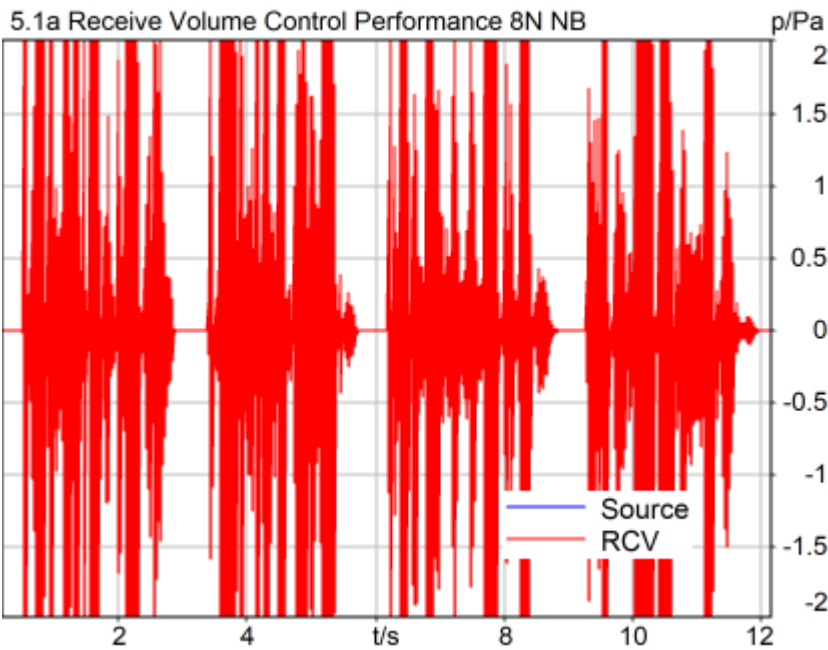


Channel	Delay
RCV*Source	183.5 ms

2025/2/5 16:24 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	90.67 dB[SPL]	80.69%	20.67 dB[SPL]	Ok

Ok

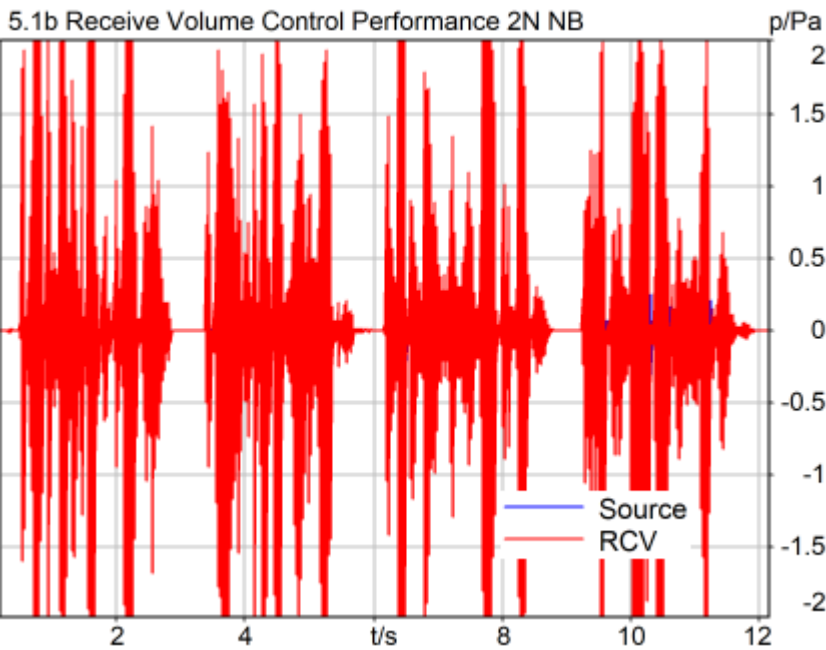
2025/2/5 16:24 ACQUA 6.0.200

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	85.65 dB[SPL]	80.66%	15.65 dB[SPL]	Ok

Ok

2025/2/5 16:21 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band12_10_QPSK_1_0_AMR NB 12.2kbps_CH23095
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 10:58
Responsible Person	audio

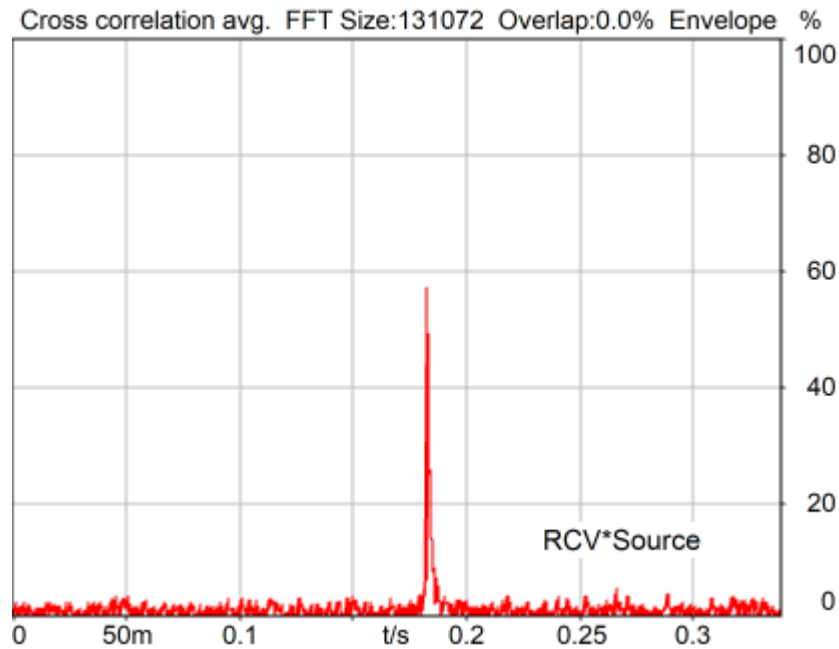
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	183.3	HUHAO_2403_LTE Band12_10_QPSK_1_0_AMR NB 12.2kbps_CH23095
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	20.63	HUHAO_2403_LTE Band12_10_QPSK_1_0_AMR NB 12.2kbps_CH23095
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	15.64	HUHAO_2403_LTE Band12_10_QPSK_1_0_AMR NB 12.2kbps_CH23095

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

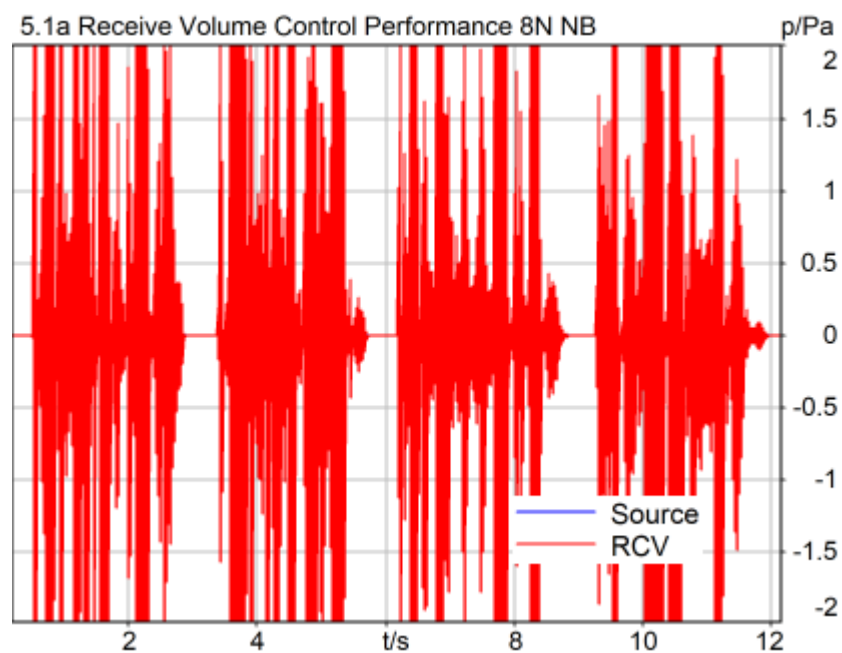


Channel	Delay
RCV*Source	183.3 ms

2025/2/5 16:23 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]	80.68%	20.63 dB[SPL]	Ok

Ok

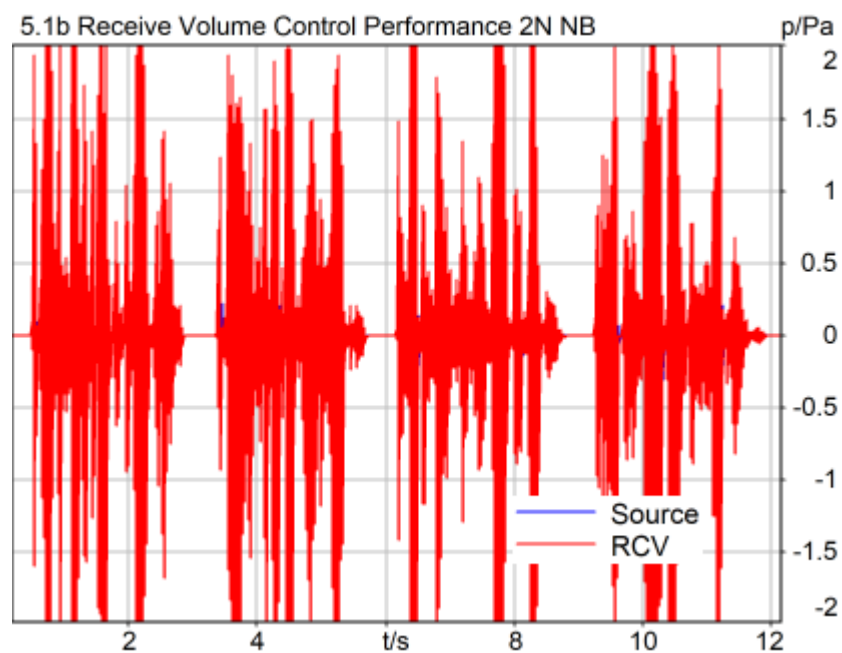
2025/2/5 16:23 ACQUA 6.0.200

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	85.64 dB[SPL]	81.13%	15.64 dB[SPL]	Ok

Ok

2025/2/5 16:22 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band12_10_QPSK_1_0_AMR WB 6.6kbps_CH23095
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 10:58
Responsible Person	audio

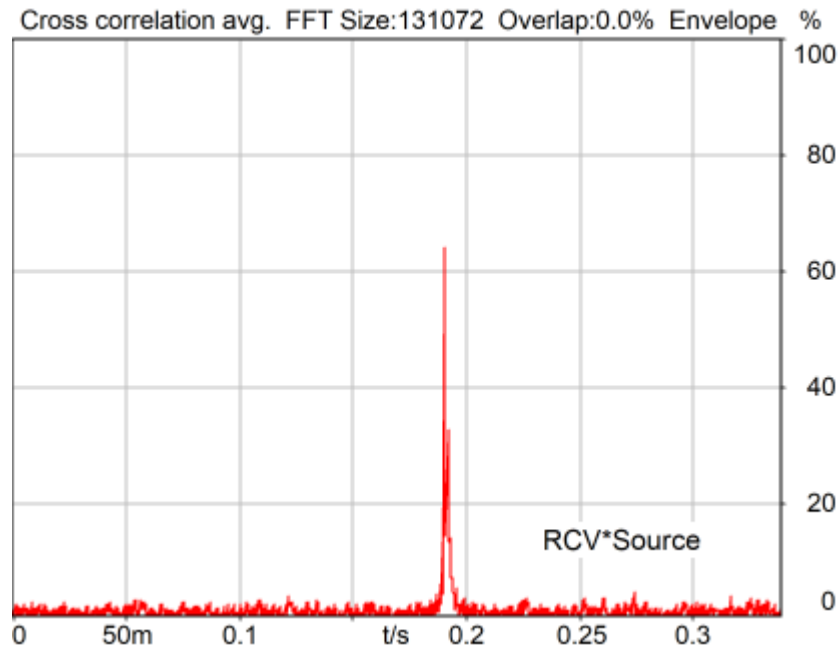
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	191.1	HUHAO_2403_LTE Band12_10_QPSK_1_0_AMR WB 6.6kbps_CH23095
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.85	HUHAO_2403_LTE Band12_10_QPSK_1_0_AMR WB 6.6kbps_CH23095
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.85	HUHAO_2403_LTE Band12_10_QPSK_1_0_AMR WB 6.6kbps_CH23095

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

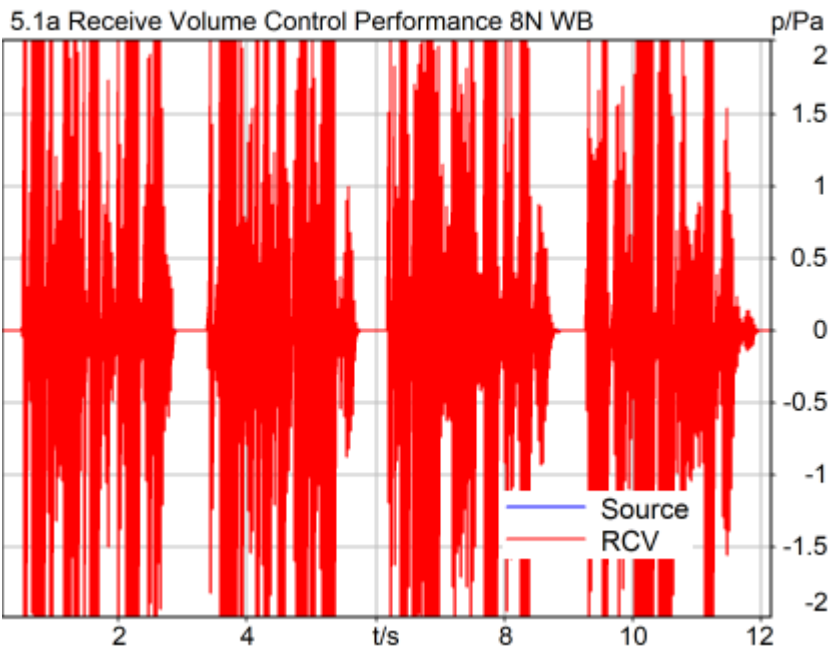


Channel	Delay
RCV*Source	191.1 ms

2025/2/5 16:32 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	91.85 dB[SPL]	83.92%	21.85 dB[SPL]	Ok

Ok

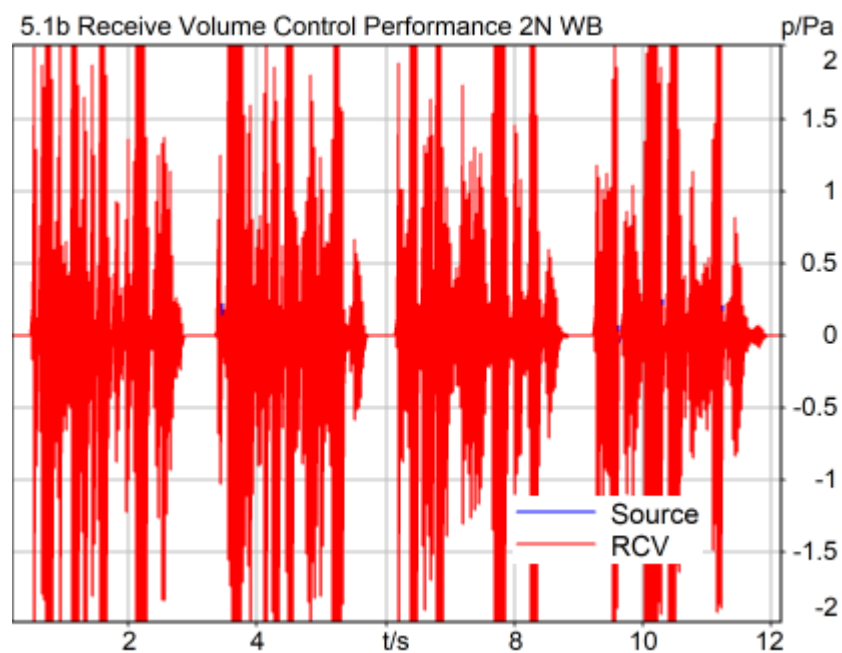
2025/2/5 16:32 ACQUA 6.0.200

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	86.85 dB[SPL]	84.09%	16.85 dB[SPL]	Ok

Ok

2025/2/5 16:31 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band12_10_QPSK_1_0_AMR WB 23.85kbps_CH23095
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 10:58
Responsible Person	audio

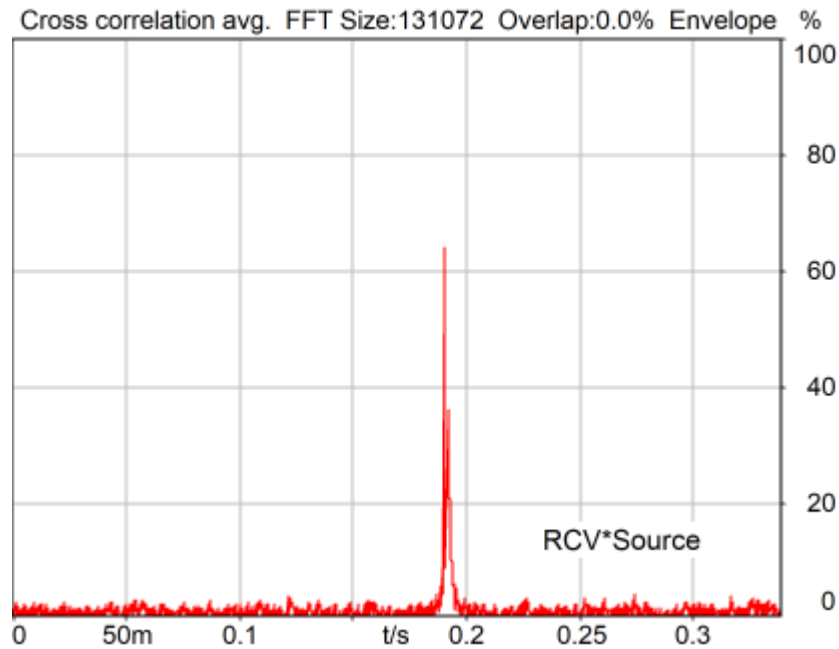
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	191.5	HUHAO_2403_LTE Band12_10_QPSK_1_0_AMR WB 23.85kbps_CH23095
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.96	HUHAO_2403_LTE Band12_10_QPSK_1_0_AMR WB 23.85kbps_CH23095
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.66	HUHAO_2403_LTE Band12_10_QPSK_1_0_AMR WB 23.85kbps_CH23095

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

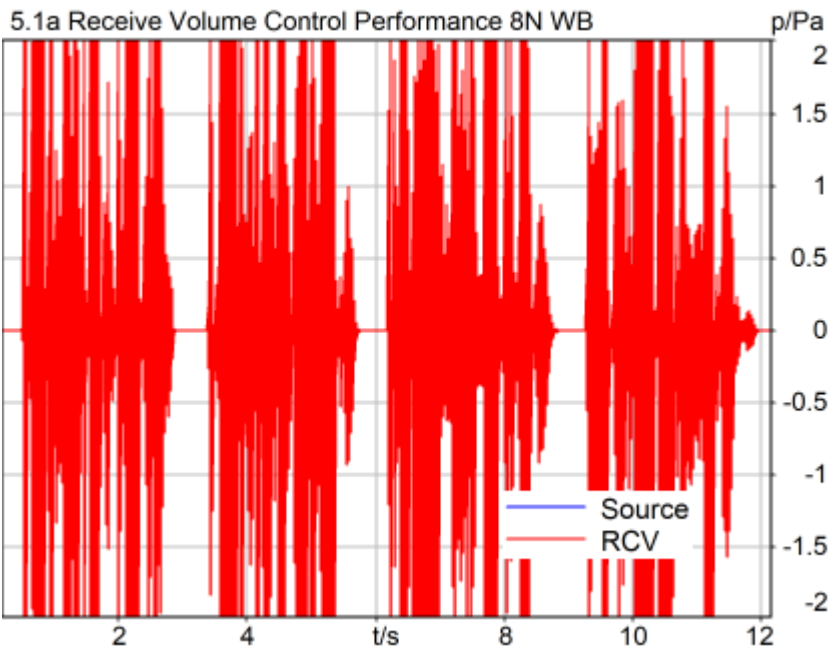


Channel	Delay
RCV*Source	191.5 ms

2025/2/5 16:33 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	91.96 dB[SPL]	83.66%	21.96 dB[SPL]	Ok

Ok

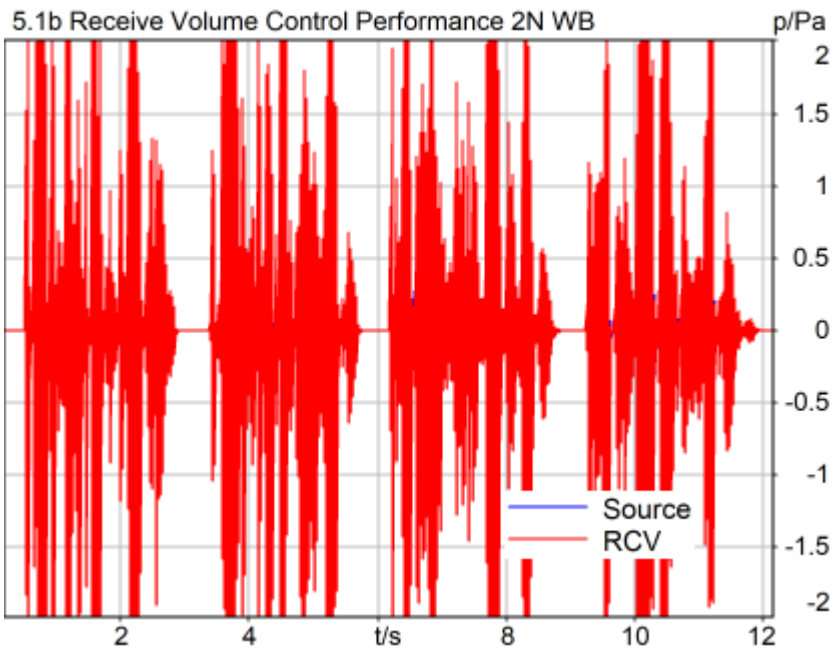
2025/2/5 16:34 ACQUA 6.0.200

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	86.66 dB[SPL]	84.43%	16.66 dB[SPL]	Ok

Ok

2025/2/5 16:29 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band12_10_QPSK_1_0_EVS NB 5.9kbps_CH23095
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 10:59
Responsible Person	audio

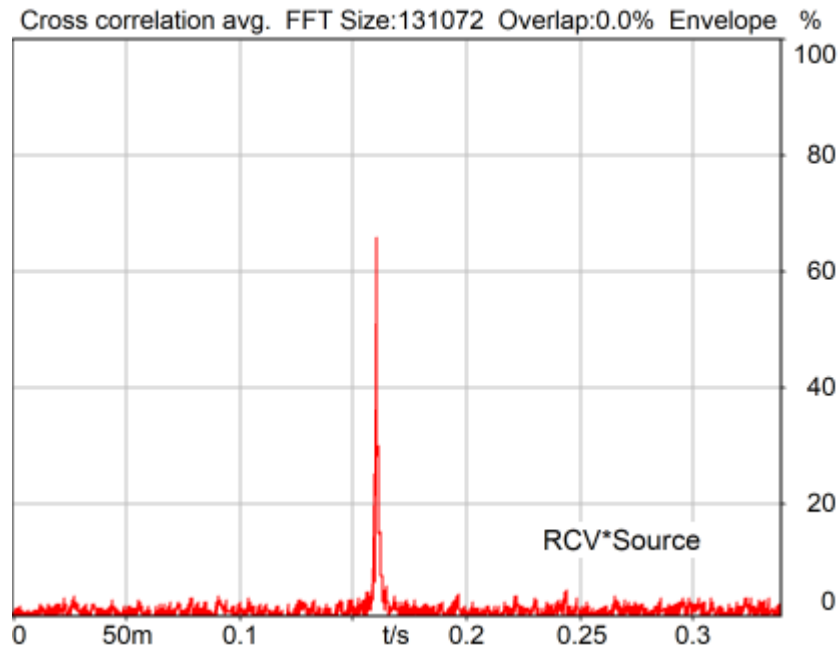
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	160.7	HUHAO_2403_LTE Band12_10_QPSK_1_0_EVS NB 5.9kbps_CH23095
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	21.66	HUHAO_2403_LTE Band12_10_QPSK_1_0_EVS NB 5.9kbps_CH23095
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	16.75	HUHAO_2403_LTE Band12_10_QPSK_1_0_EVS NB 5.9kbps_CH23095

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

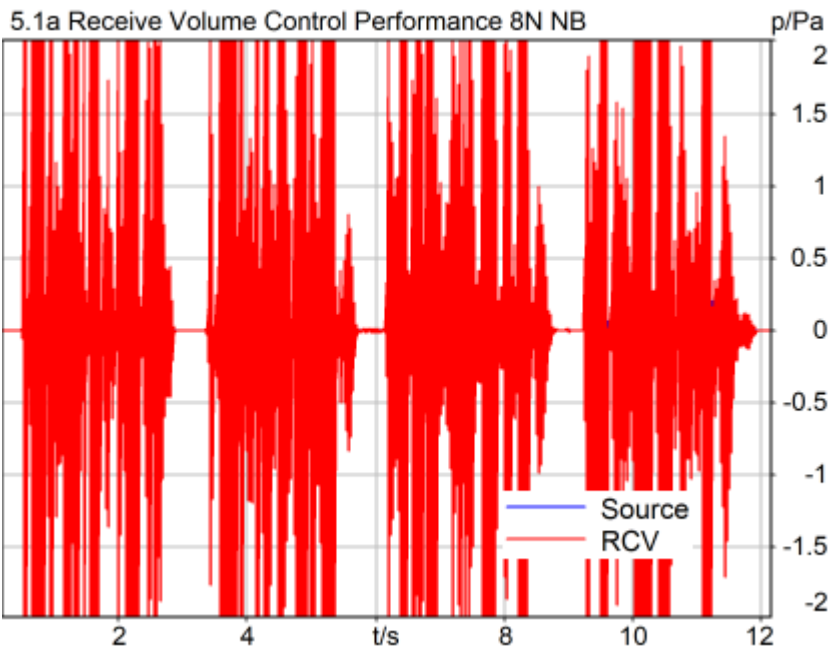


Channel	Delay
RCV*Source	160.7 ms

2025/2/5 16:15 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	91.66 dB[SPL]	84.32%	21.66 dB[SPL]	Ok

Ok

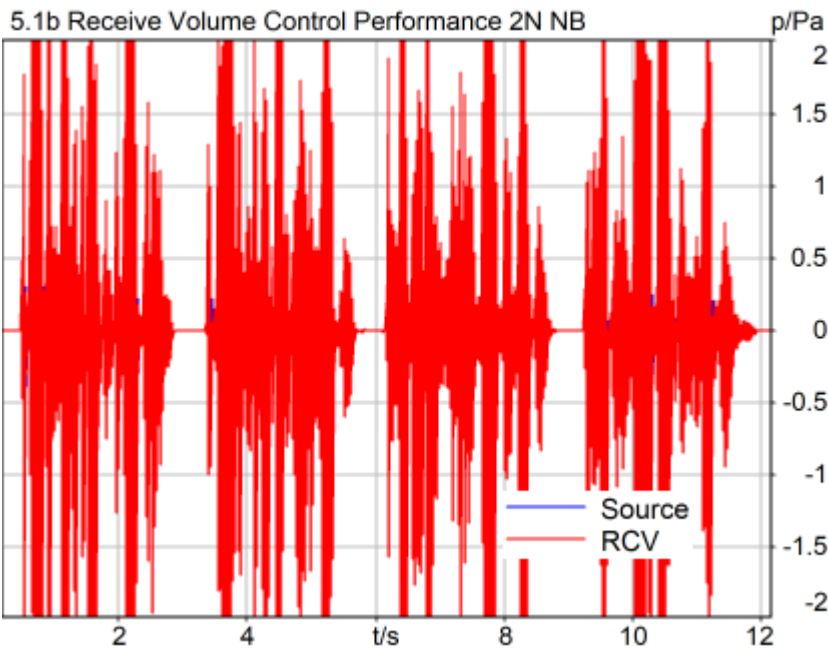
2025/2/5 16:15 ACQUA 6.0.200

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	86.75 dB[SPL]	84.45%	16.75 dB[SPL]	Ok

Ok

2025/2/5 16:16 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band12_10_QPSK_1_0_EVS SWB 9.6kbps_CH23095
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:00
Responsible Person	audio

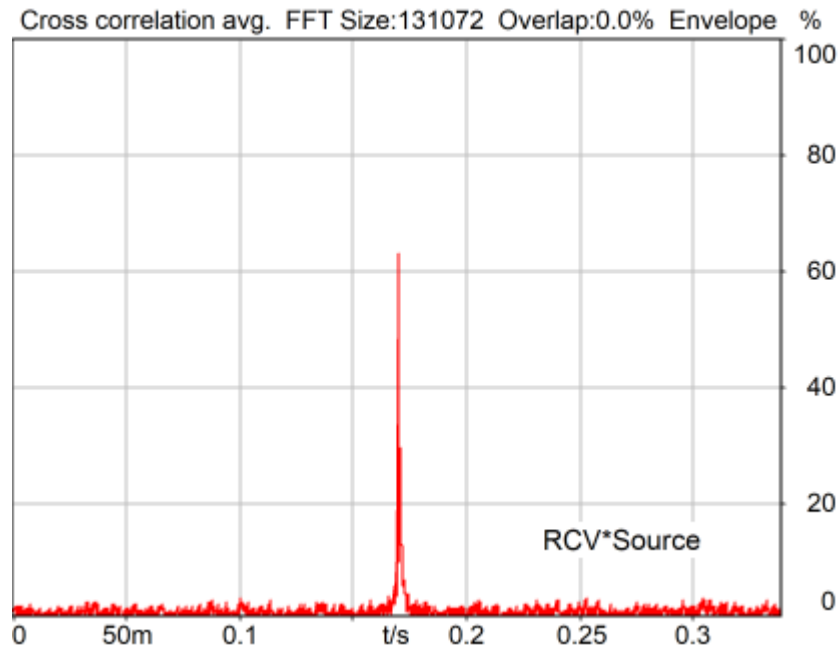
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	170.1	HUHAO_2403_LTE Band12_10_QPSK_1_0_EVS SWB 9.6kbps_CH23095
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.94	HUHAO_2403_LTE Band12_10_QPSK_1_0_EVS SWB 9.6kbps_CH23095
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.84	HUHAO_2403_LTE Band12_10_QPSK_1_0_EVS SWB 9.6kbps_CH23095

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



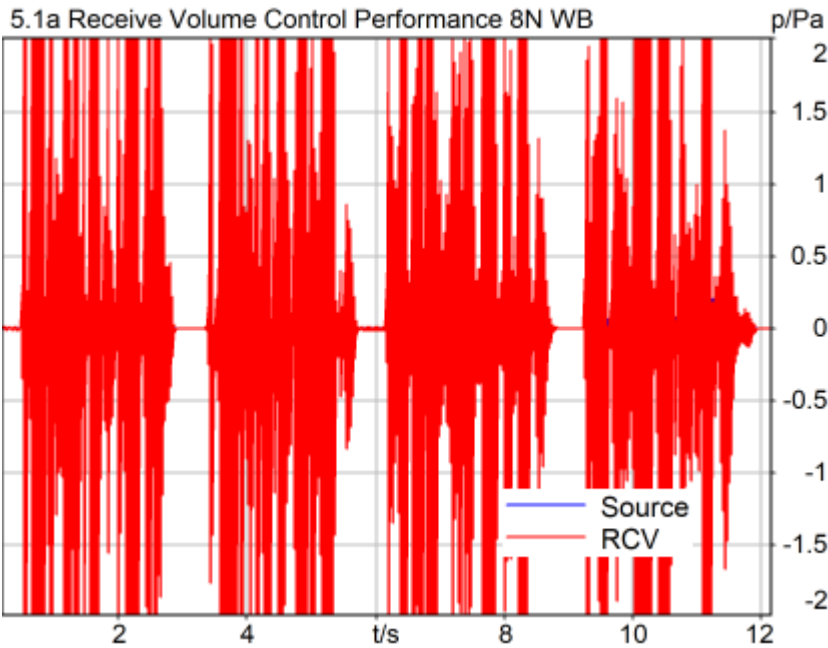
Channel	Delay
RCV*Source	170.1 ms

2025/3/19 14:59 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	91.94 dB[SPL]	84.10%	21.94 dB[SPL]	Ok

Ok

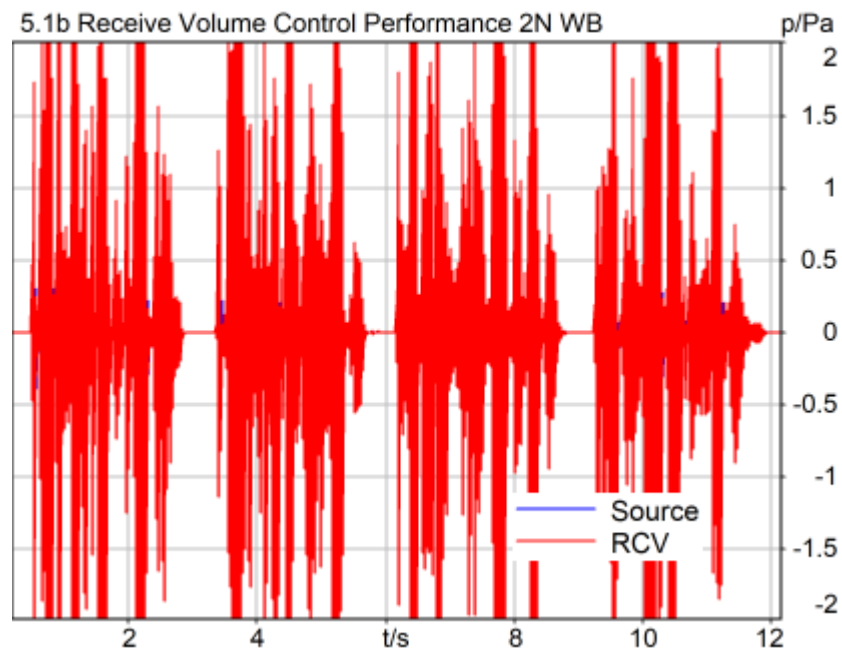
2025/3/19 14:59 ACQUA 6.0.200

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]	84.20%	16.84 dB[SPL]	Ok

Ok

2025/3/19 15:00 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band12_10_QPSK_1_0_EVS SWB 128kbps_CH23095
--------------------	---

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

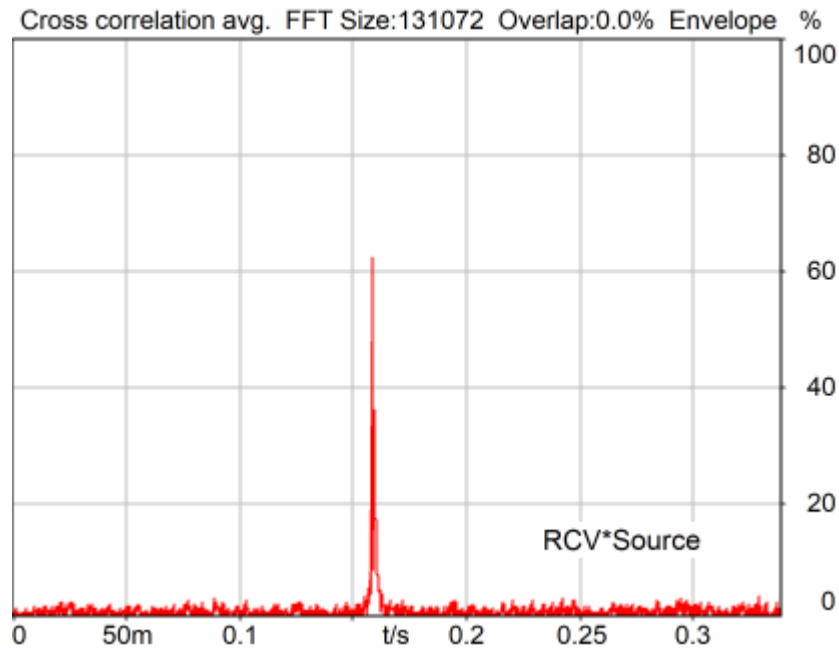
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	159.4	HUHAO_2403_LTE Band12_10_QPSK_1_0_EVS SWB 128kbps_CH23095
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.87	HUHAO_2403_LTE Band12_10_QPSK_1_0_EVS SWB 128kbps_CH23095
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.66	HUHAO_2403_LTE Band12_10_QPSK_1_0_EVS SWB 128kbps_CH23095

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

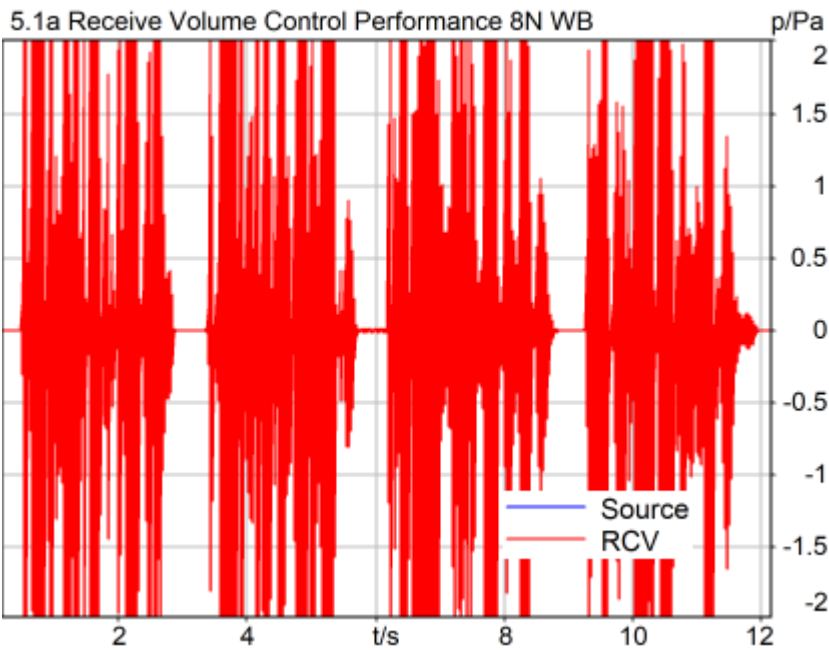


Channel	Delay
RCV*Source	159.4 ms

2025/3/19 14:54 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	91.87 dB[SPL]	83.99%	21.87 dB[SPL]	Ok

Ok

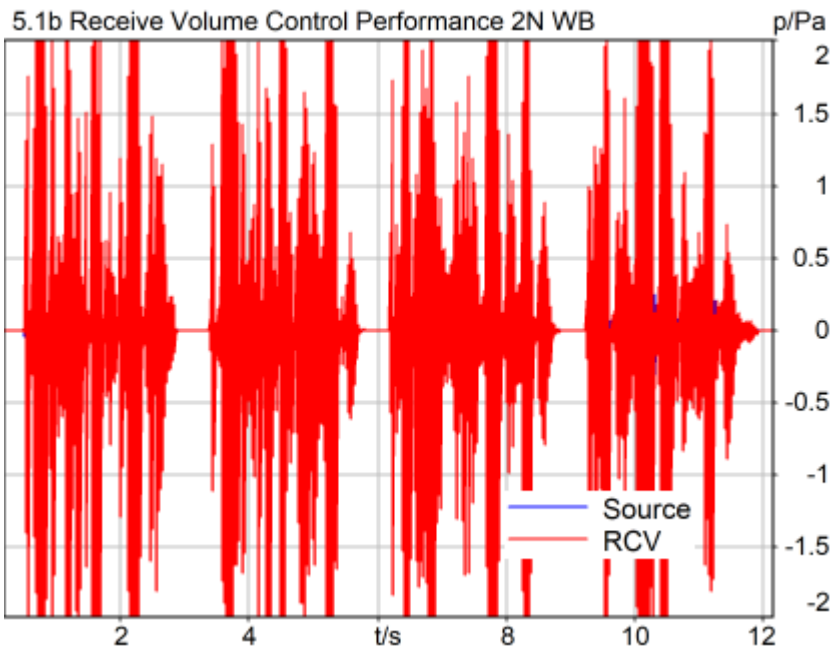
2025/3/19 14:54 ACQUA 6.0.200

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	86.66 dB[SPL]	84.41%	16.66 dB[SPL]	Ok

Ok

2025/3/19 14:53 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band12_10_QPSK_1_0_EVS WB 9.6kbps_CH23095
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:00
Responsible Person	audio

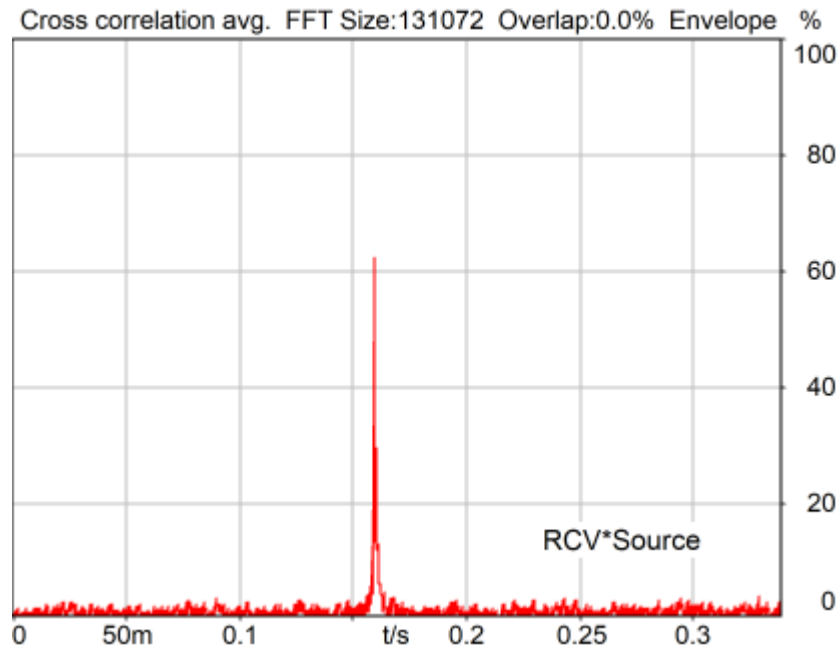
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	159.9	HUHAO_2403_LTE Band12_10_QPSK_1_0_EVS WB 9.6kbps_CH23095
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.57	HUHAO_2403_LTE Band12_10_QPSK_1_0_EVS WB 9.6kbps_CH23095
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.34	HUHAO_2403_LTE Band12_10_QPSK_1_0_EVS WB 9.6kbps_CH23095

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

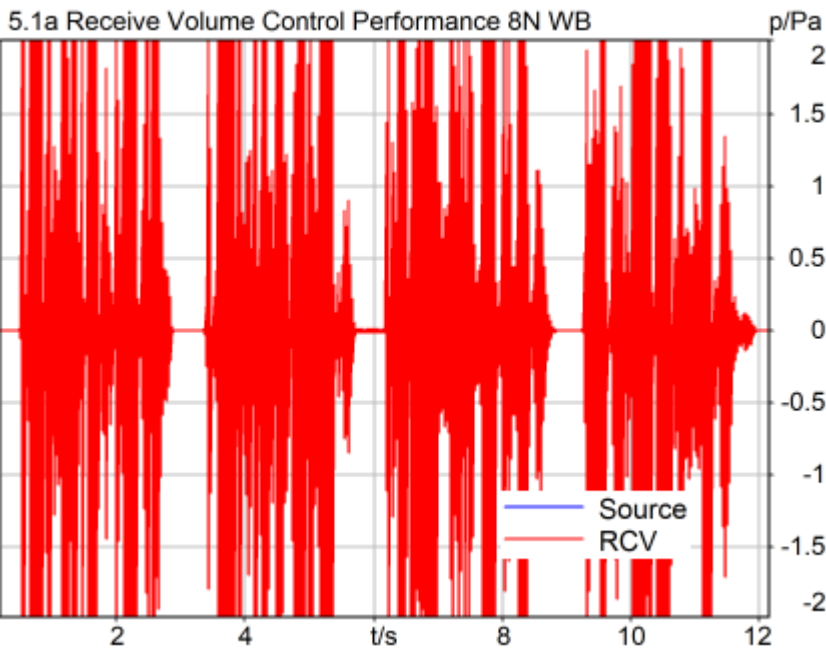


Channel	Delay
RCV*Source	159.9 ms

2025/2/5 16:12 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	91.57 dB[SPL]	84.45%	21.57 dB[SPL]	Ok

Ok

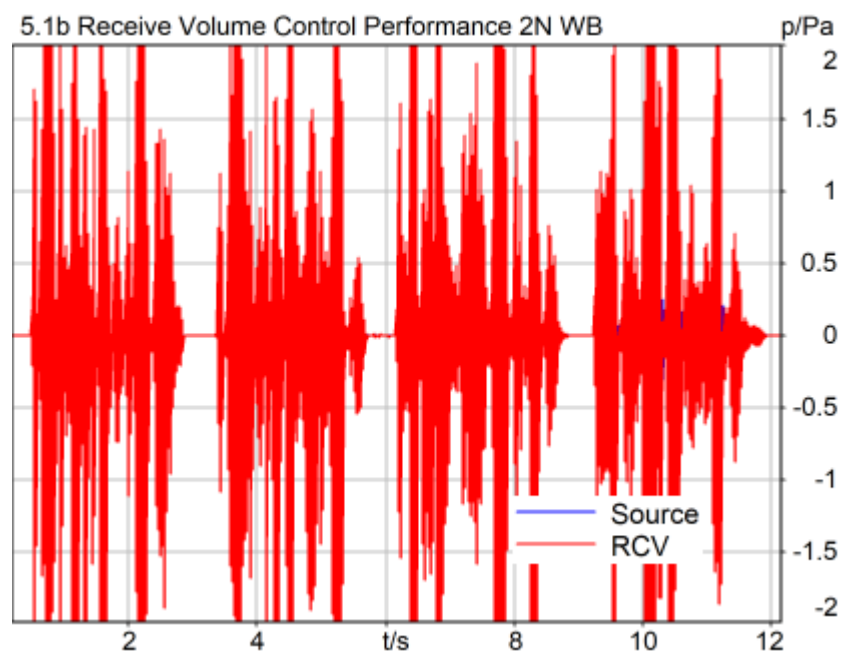
2025/2/5 16:12 ACQUA 6.0.200

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	86.34 dB[SPL]	84.38%	16.34 dB[SPL]	Ok

Ok

2025/2/5 16:11 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band13_10_QPSK_1_0_AMR NB 4.75kbps_CH23230
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:03
Responsible Person	audio

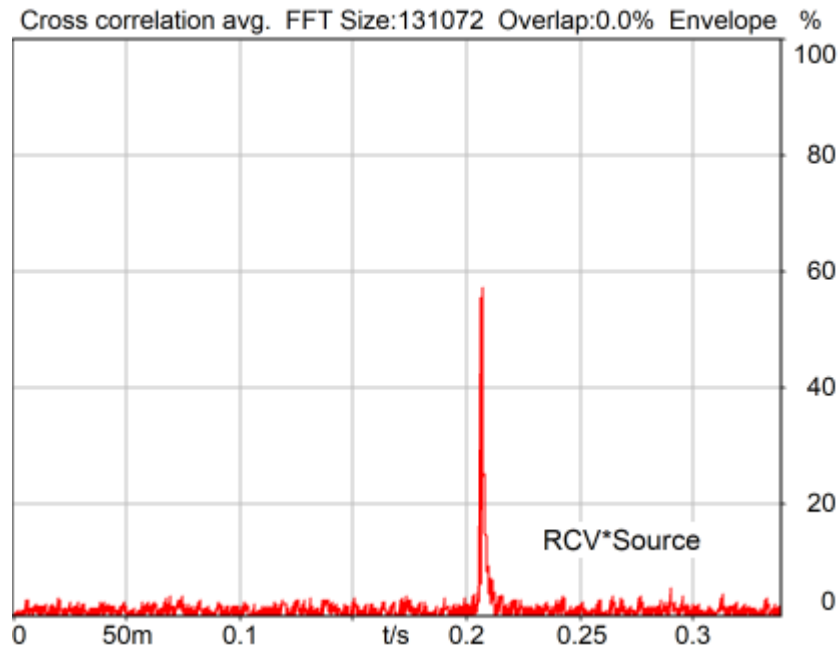
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	207.2	HUHAO_2403_LTE Band13_10_QPSK_1_0_AMR NB 4.75kbps_CH23230
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	20.52	HUHAO_2403_LTE Band13_10_QPSK_1_0_AMR NB 4.75kbps_CH23230
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	15.48	HUHAO_2403_LTE Band13_10_QPSK_1_0_AMR NB 4.75kbps_CH23230

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

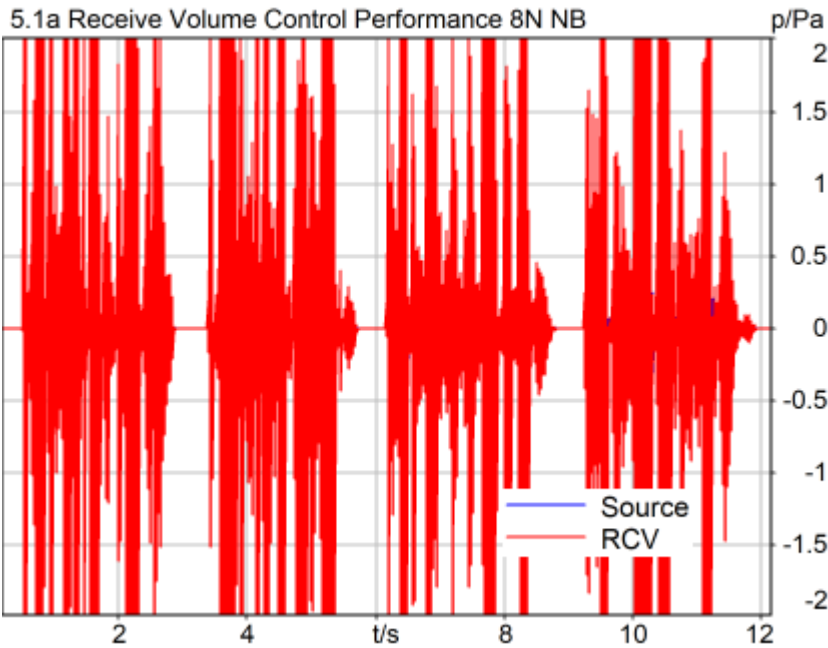


Channel	Delay
RCV*Source	207.2 ms

2025/2/5 16:39 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	90.52 dB[SPL]	81.64%	20.52 dB[SPL]	Ok

Ok

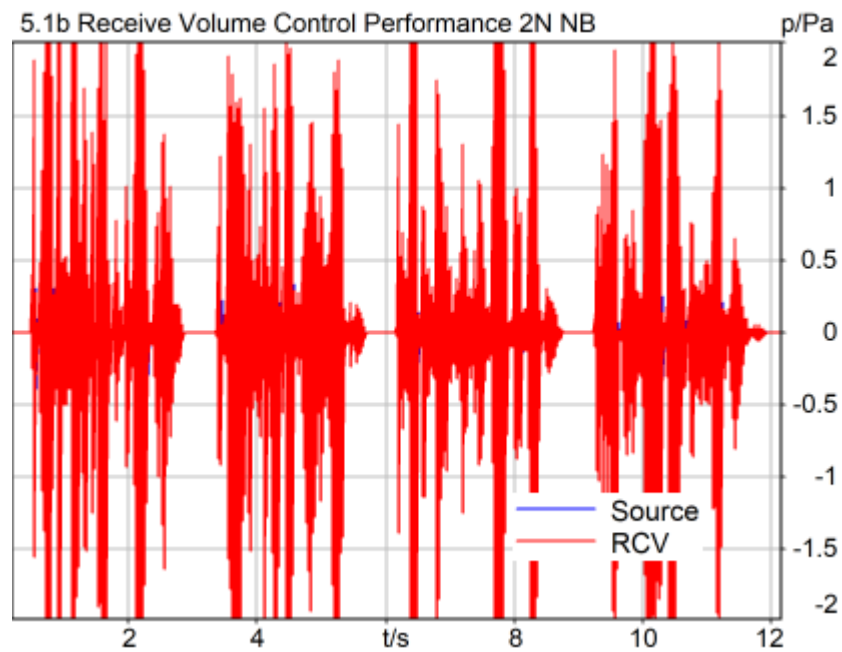
2025/2/5 16:39 ACQUA 6.0.200

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	85.48 dB[SPL]	80.46%	15.48 dB[SPL]	Ok

Ok

2025/2/5 16:44 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band13_10_QPSK_1_0_AMR NB 12.2kbps_CH23230
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:03
Responsible Person	audio

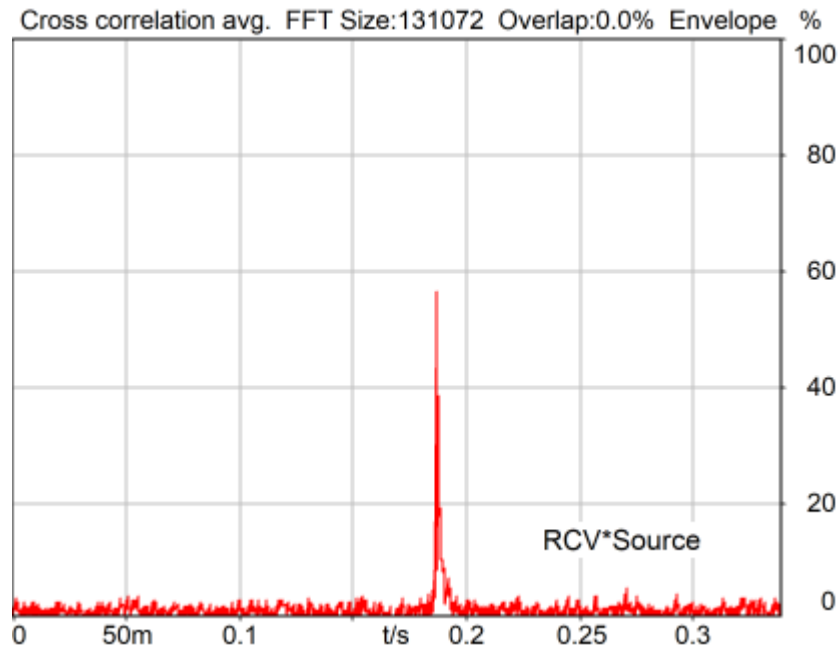
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	187.6	HUHAO_2403_LTE Band13_10_QPSK_1_0_AMR NB 12.2kbps_CH23230
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	20.50	HUHAO_2403_LTE Band13_10_QPSK_1_0_AMR NB 12.2kbps_CH23230
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	15.69	HUHAO_2403_LTE Band13_10_QPSK_1_0_AMR NB 12.2kbps_CH23230

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

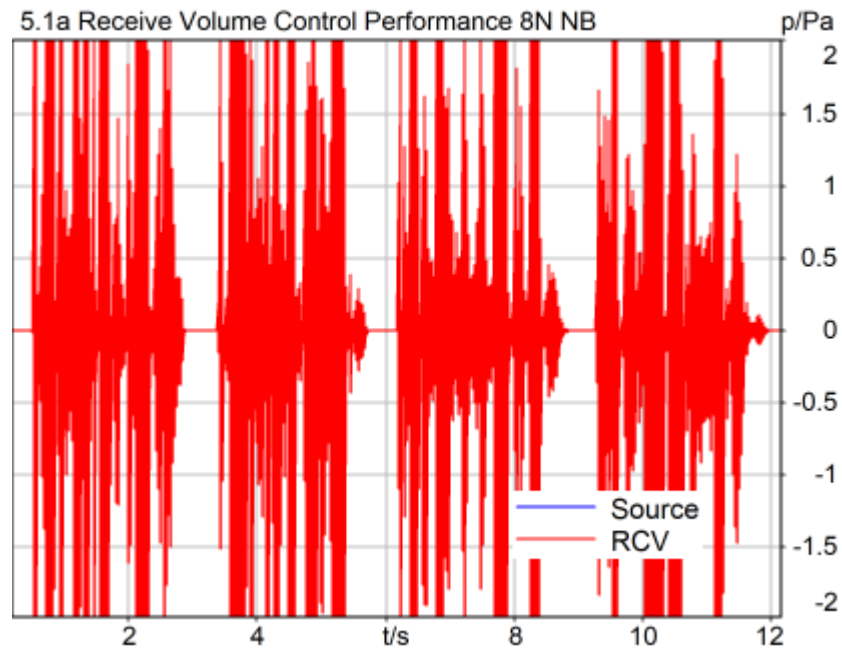


Channel	Delay
RCV*Source	187.6 ms

2025/2/5 16:40 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	90.50 dB[SPL]	80.64%	20.50 dB[SPL]	Ok

Ok

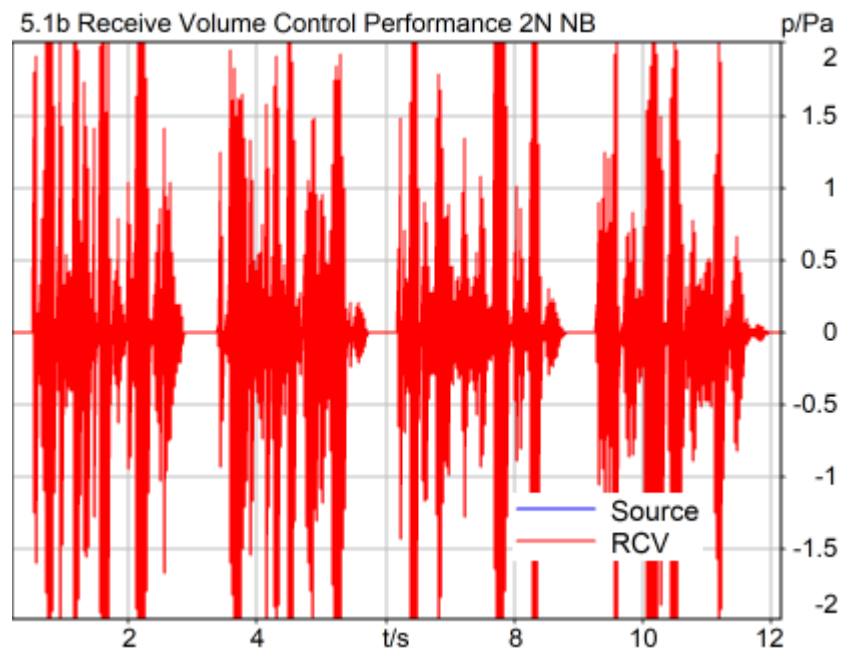
2025/2/5 16:41 ACQUA 6.0.200

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	85.69 dB[SPL]	80.62%	15.69 dB[SPL]	Ok

Ok

2025/2/5 16:43 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band13_10_QPSK_1_0_AMR NB 12.2kbps_CH23230_Sample2
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:05
Responsible Person	audio

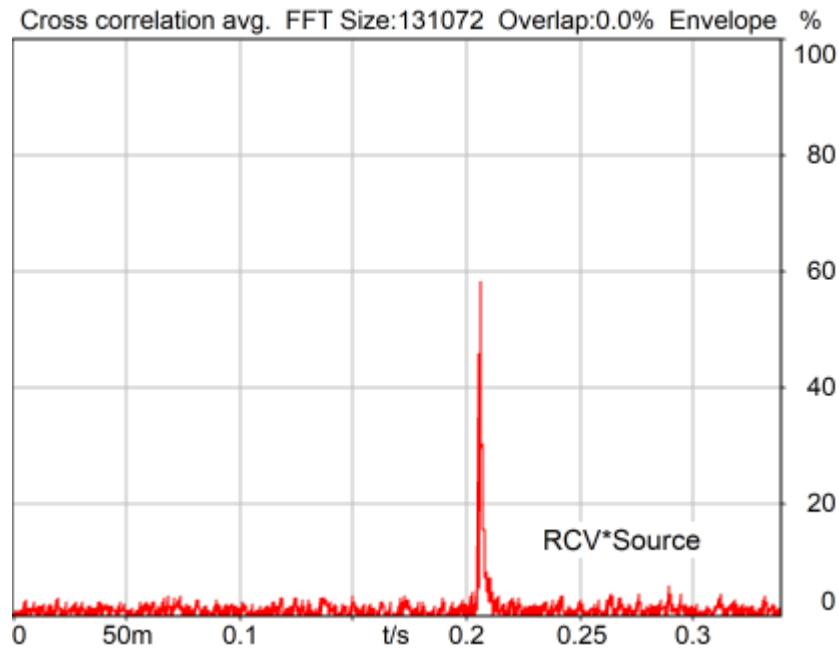
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	206.4	HUHAO_2403_LTE Band13_10_QPSK_1_0_AMR NB 12.2kbps_CH23230_Sample2
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	21.16	HUHAO_2403_LTE Band13_10_QPSK_1_0_AMR NB 12.2kbps_CH23230_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

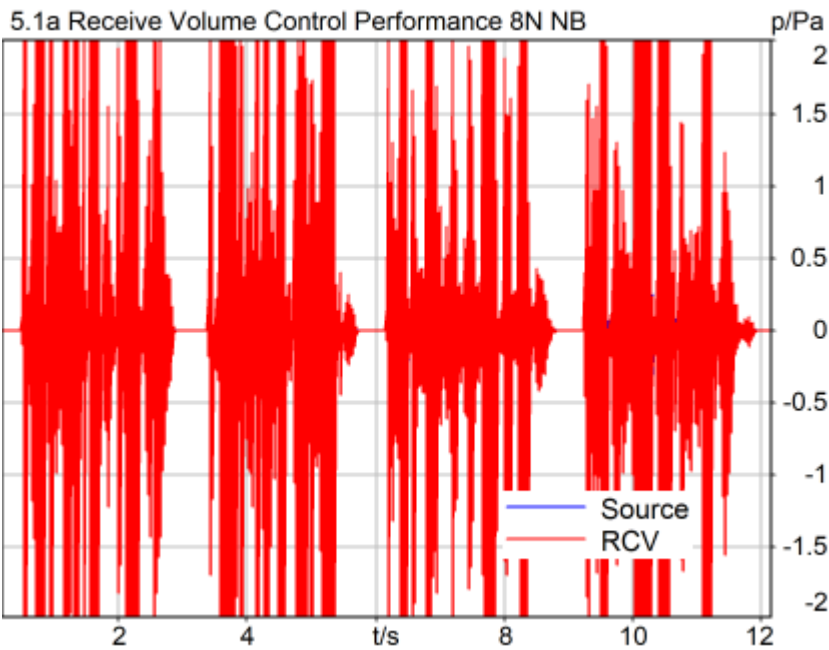


Channel	Delay
RCV*Source	206.4 ms

2025/3/19 15:37 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	91.16 dB[SPL]	80.50%	21.16 dB[SPL]	Ok

Ok

2025/3/19 15:37 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band13_10_QPSK_1_0_AMR WB 6.6kbps_CH23230
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:04
Responsible Person	audio

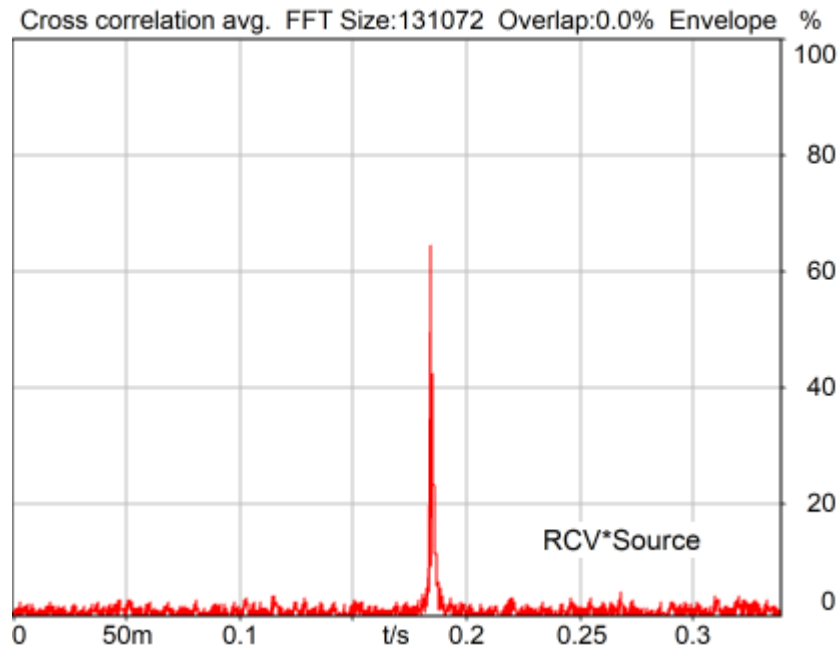
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	185.1	HUHAO_2403_LTE Band13_10_QPSK_1_0_AMR WB 6.6kbps_CH23230
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.93	HUHAO_2403_LTE Band13_10_QPSK_1_0_AMR WB 6.6kbps_CH23230
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.86	HUHAO_2403_LTE Band13_10_QPSK_1_0_AMR WB 6.6kbps_CH23230

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

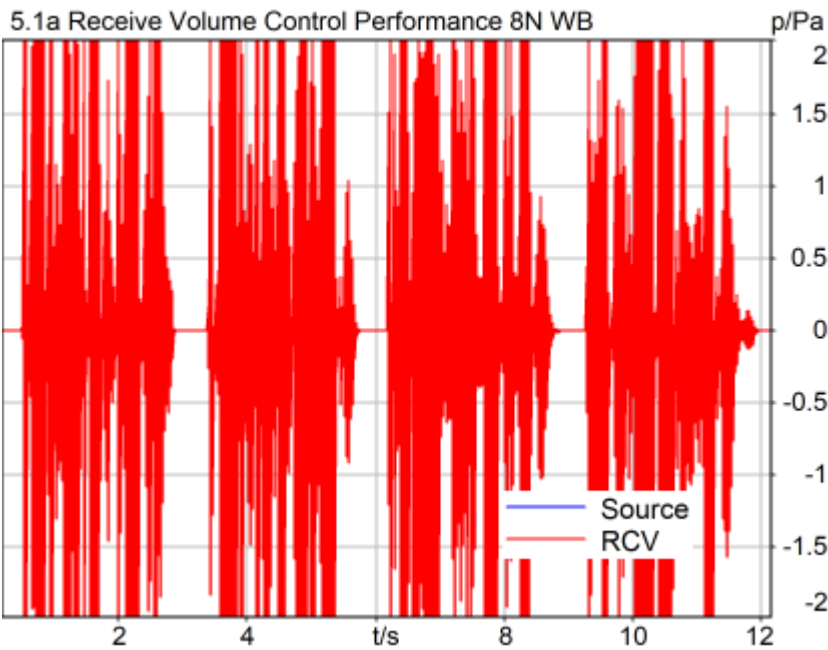


Channel	Delay
RCV*Source	185.1 ms

2025/2/5 16:48 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	91.93 dB[SPL]	83.92%	21.93 dB[SPL]	Ok

Ok

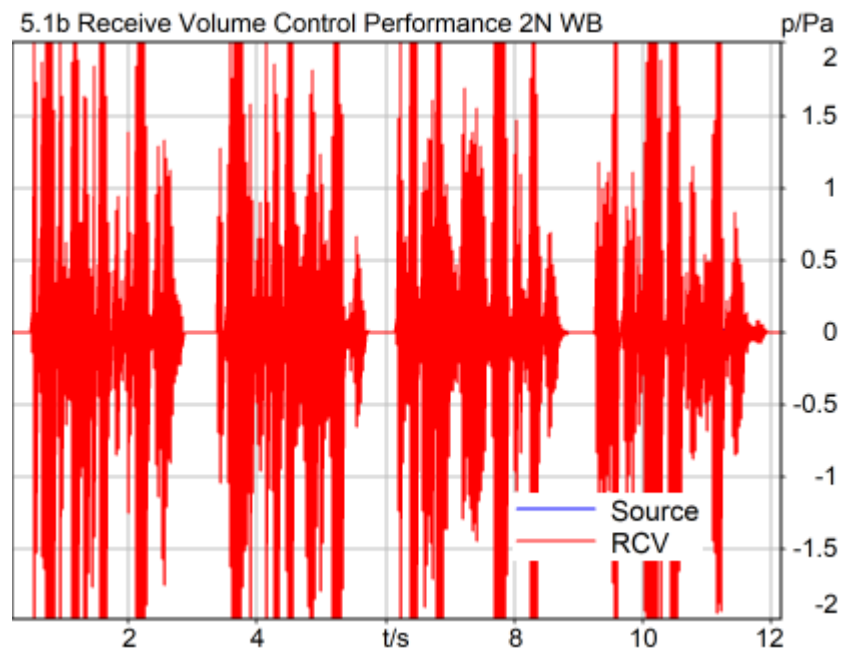
2025/2/5 16:48 ACQUA 6.0.200

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	86.86 dB[SPL]	83.92%	16.86 dB[SPL]	Ok

Ok

2025/2/5 16:47 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band13_10_QPSK_1_0_AMR WB 23.85kbps_CH23230
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:05
Responsible Person	audio

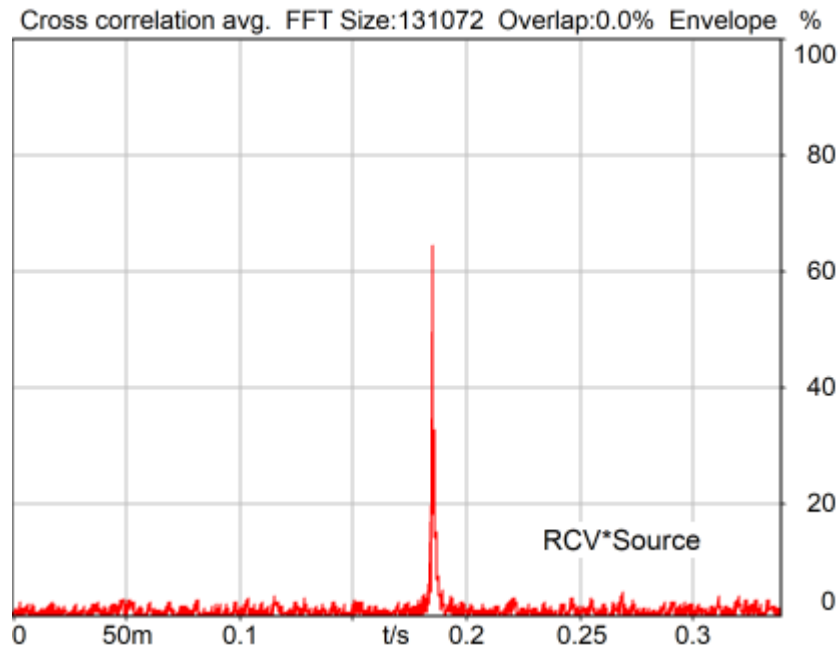
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	185.5	HUHAO_2403_LTE Band13_10_QPSK_1_0_AMR WB 23.85kbps_CH23230
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.96	HUHAO_2403_LTE Band13_10_QPSK_1_0_AMR WB 23.85kbps_CH23230
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.97	HUHAO_2403_LTE Band13_10_QPSK_1_0_AMR WB 23.85kbps_CH23230

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

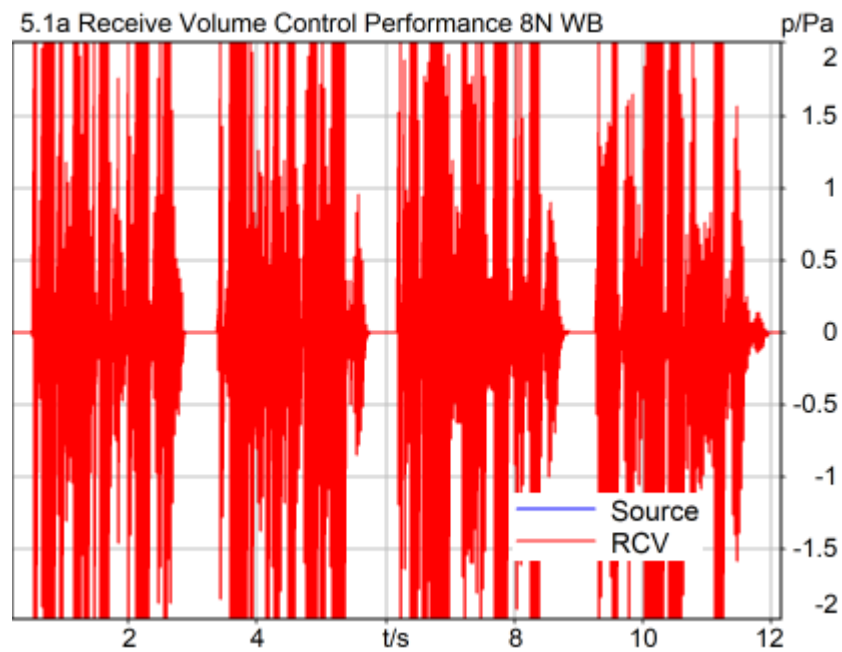


Channel	Delay
RCV*Source	185.5 ms

2025/2/5 16:50 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	91.96 dB[SPL]	83.79%	21.96 dB[SPL]	Ok

Ok

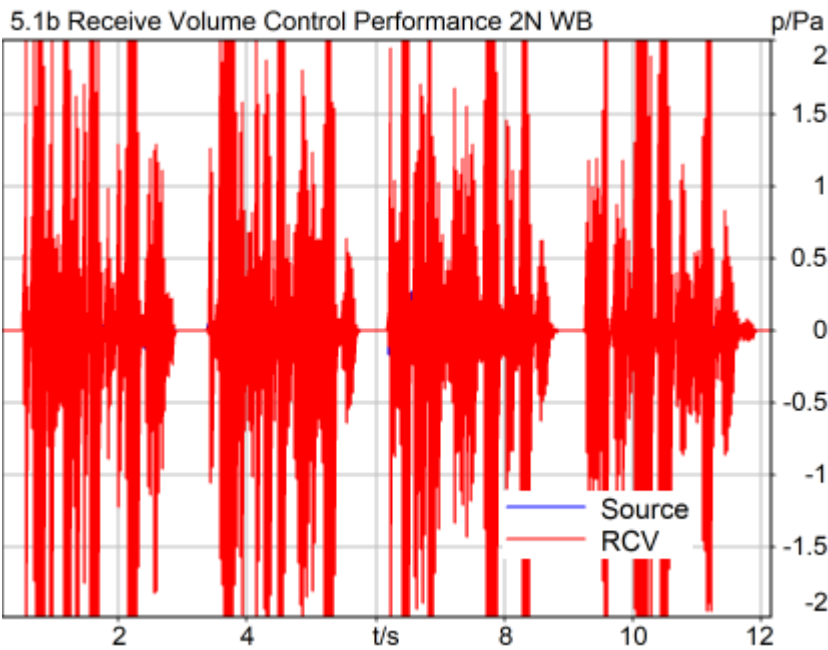
2025/2/5 16:50 ACQUA 6.0.200

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	86.97 dB[SPL]	84.30%	16.97 dB[SPL]	Ok

Ok

2025/2/5 16:46 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band13_10_QPSK_1_0_EVS NB 5.9kbps_CH23230
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:06
Responsible Person	audio

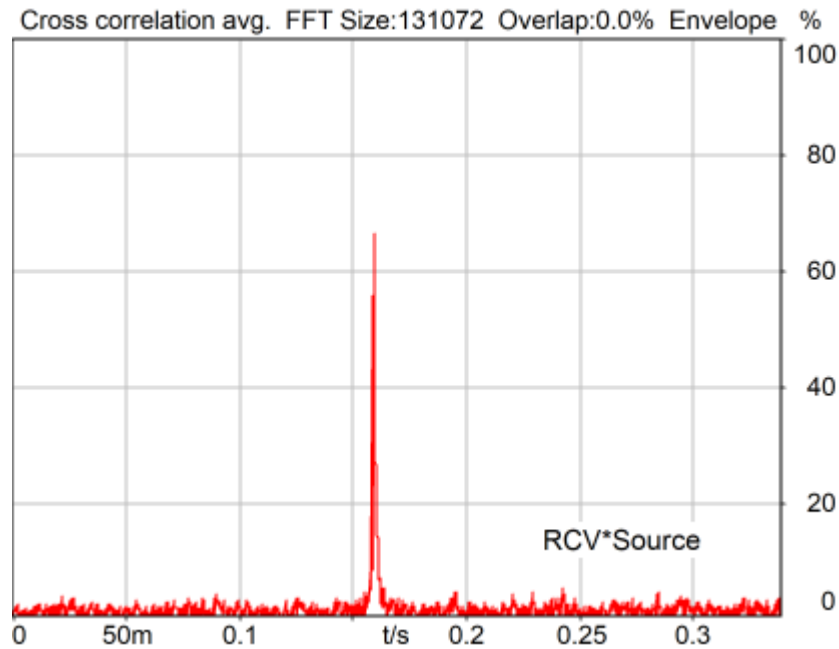
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	159.6	HUHAO_2403_LTE Band13_10_QPSK_1_0_EVS NB 5.9kbps_CH23230
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	21.81	HUHAO_2403_LTE Band13_10_QPSK_1_0_EVS NB 5.9kbps_CH23230
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	16.57	HUHAO_2403_LTE Band13_10_QPSK_1_0_EVS NB 5.9kbps_CH23230

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

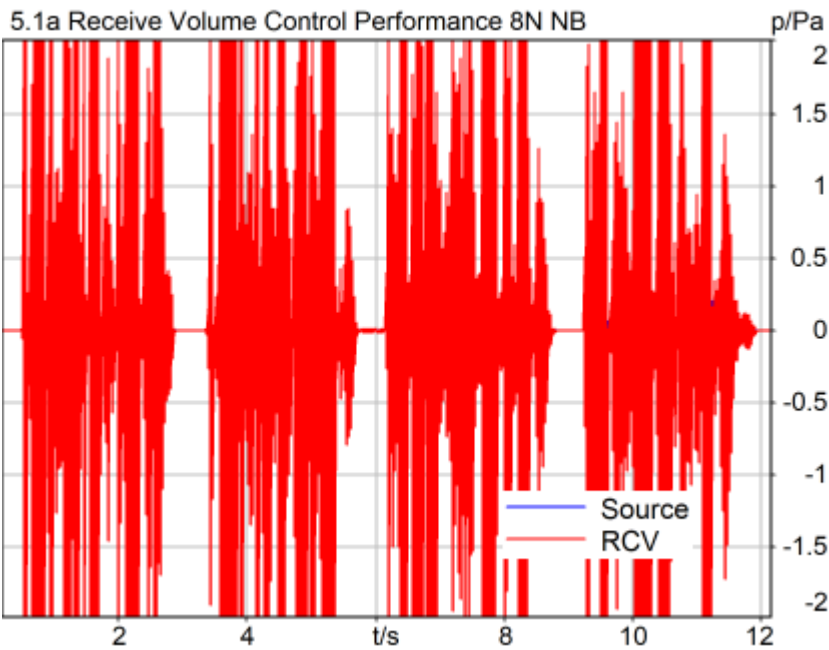


Channel	Delay
RCV*Source	159.6 ms

2025/2/5 16:51 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	91.81 dB[SPL]	83.95%	21.81 dB[SPL]	Ok

Ok

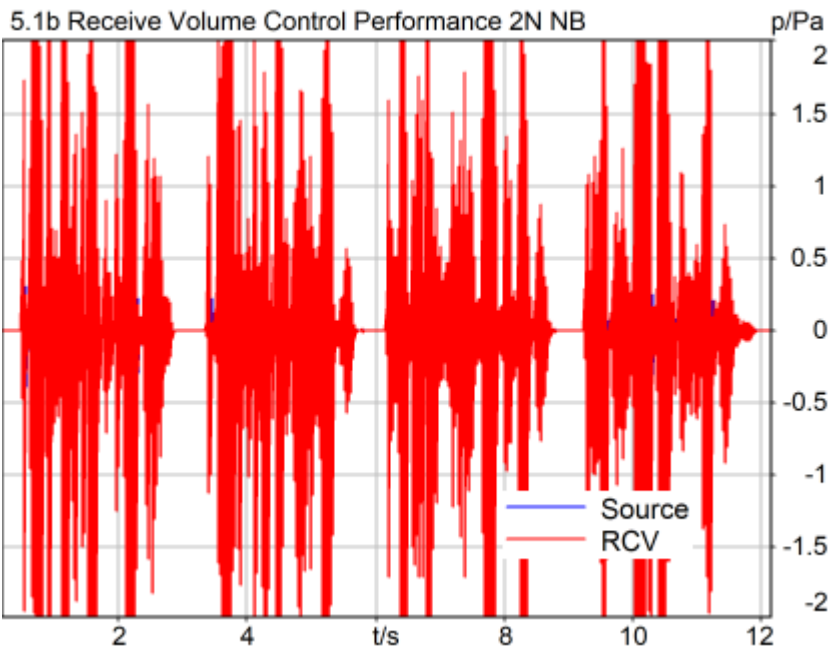
2025/2/5 16:52 ACQUA 6.0.200

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	86.57 dB[SPL]	84.33%	16.57 dB[SPL]	Ok

Ok

2025/2/5 16:53 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band13_10_QPSK_1_0_EVS SWB 9.6kbps_CH23230
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:07
Responsible Person	audio

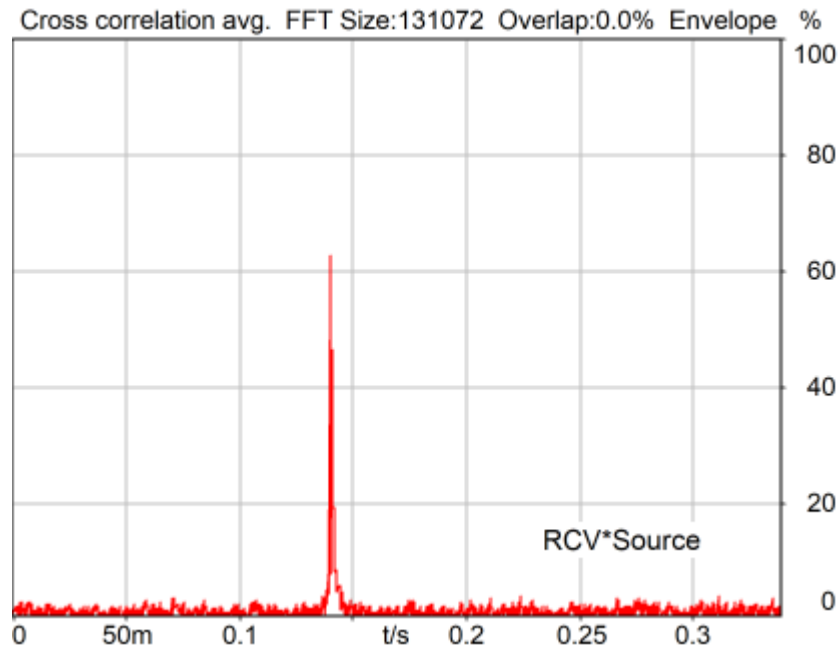
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	141.1	HUHAO_2403_LTE Band13_10_QPSK_1_0_EVS SWB 9.6kbps_CH23230
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	22.17	HUHAO_2403_LTE Band13_10_QPSK_1_0_EVS SWB 9.6kbps_CH23230
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.91	HUHAO_2403_LTE Band13_10_QPSK_1_0_EVS SWB 9.6kbps_CH23230

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

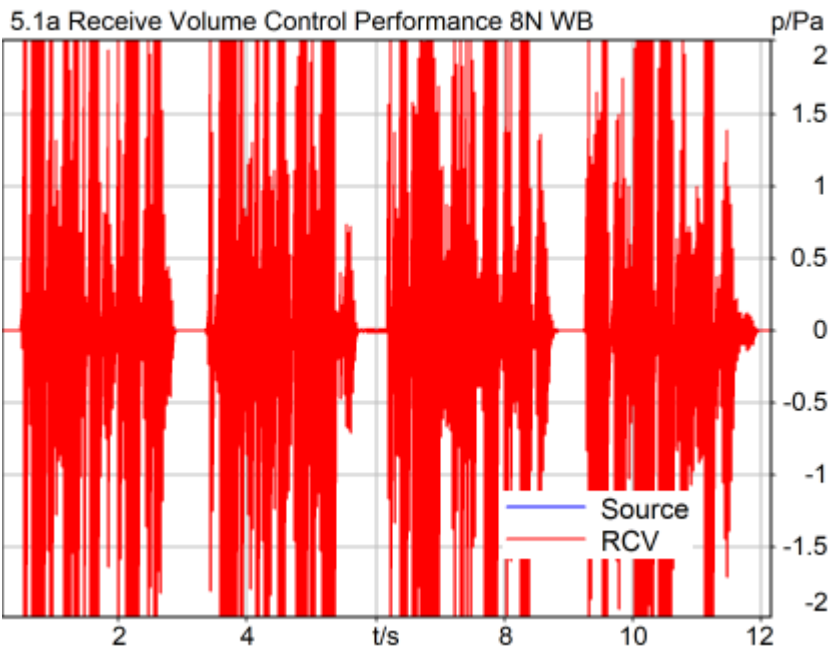


Channel	Delay
RCV*Source	141.1 ms

2025/3/19 15:04 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	92.17 dB[SPL]	84.11%	22.17 dB[SPL]	Ok

Ok

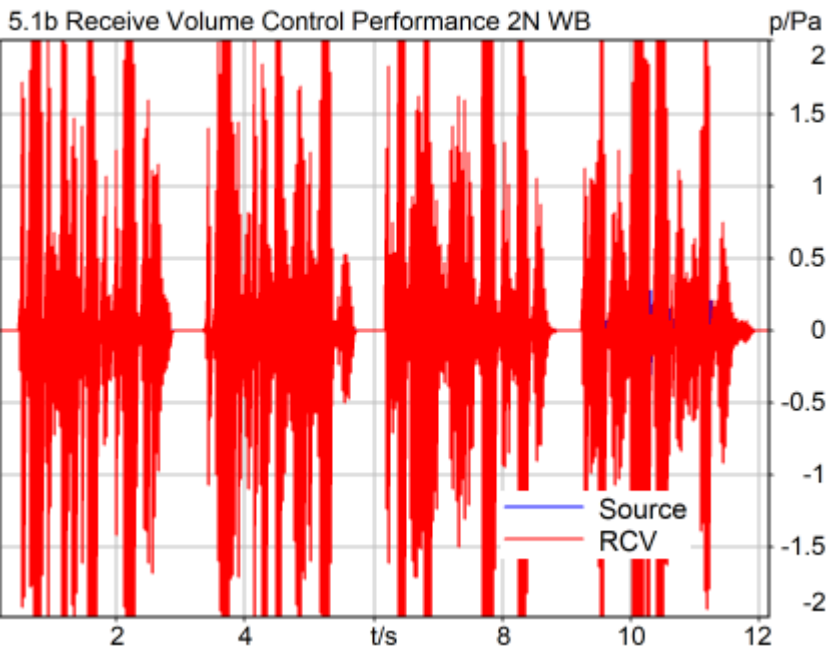
2025/3/19 15:04 ACQUA 6.0.200

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	86.91 dB[SPL]	83.98%	16.91 dB[SPL]	Ok

Ok

2025/3/19 15:03 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band13_10_QPSK_1_0_EVS SWB 128kbps_CH23230
--------------------	---

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:07
Responsible Person	audio

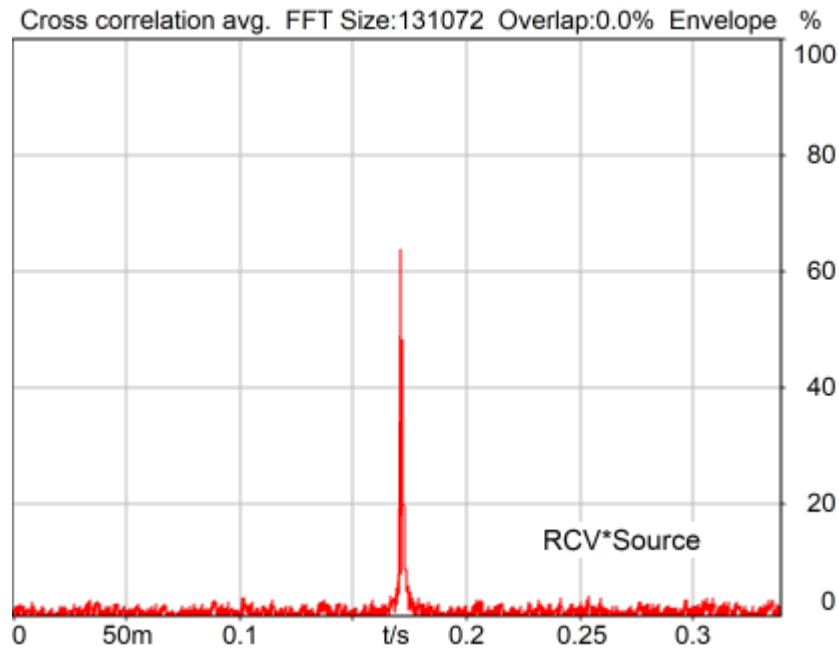
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	171.4	HUHAO_2403_LTE Band13_10_QPSK_1_0_EVS SWB 128kbps_CH23230
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	22.25	HUHAO_2403_LTE Band13_10_QPSK_1_0_EVS SWB 128kbps_CH23230
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.99	HUHAO_2403_LTE Band13_10_QPSK_1_0_EVS SWB 128kbps_CH23230

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

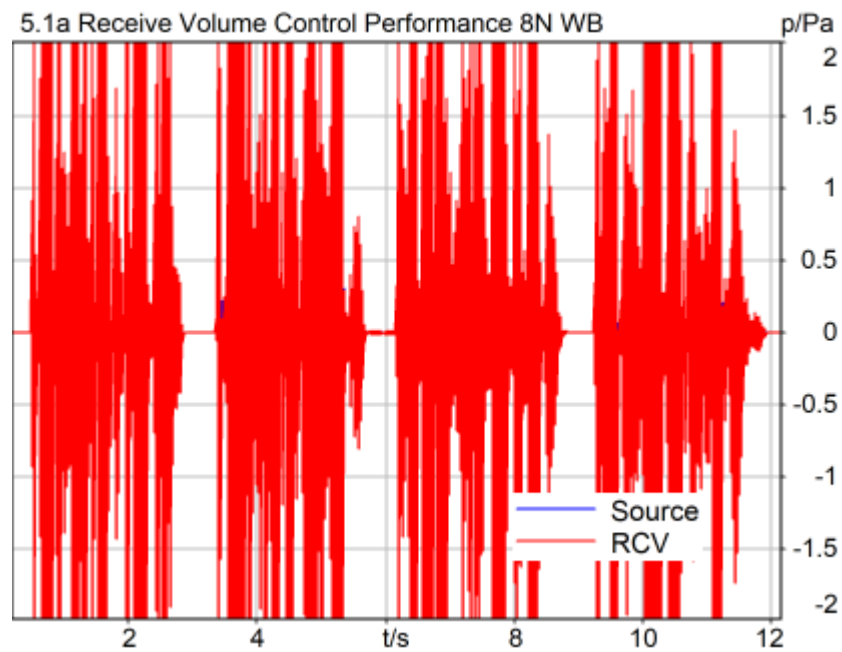


Channel	Delay
RCV*Source	171.4 ms

2025/3/19 15:06 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	92.25 dB[SPL]	83.77%	22.25 dB[SPL]	Ok

Ok

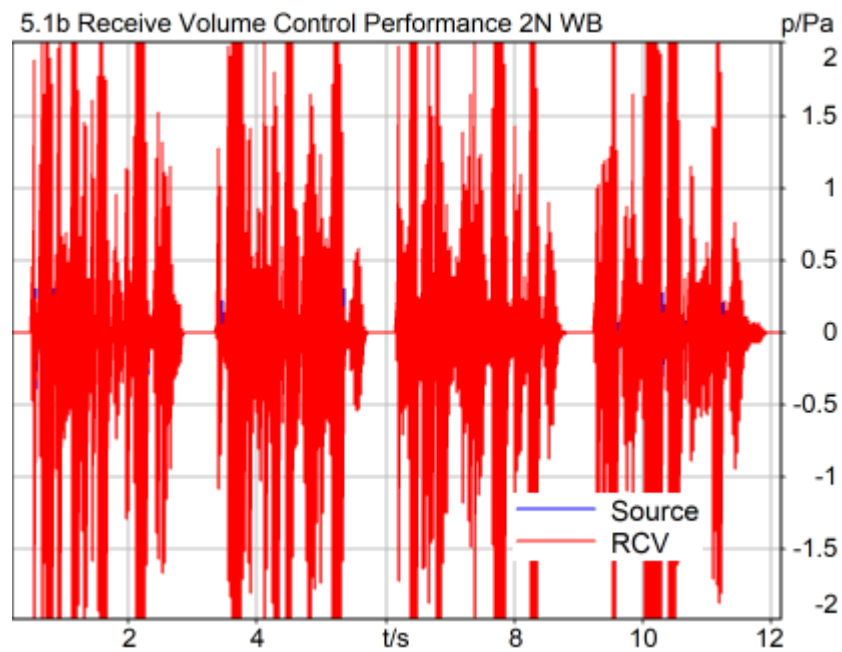
2025/3/19 15:06 ACQUA 6.0.200

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]	84.18%	16.99 dB[SPL]	Ok

Ok

2025/3/19 15:08 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band13_10_QPSK_1_0_EVS WB 9.6kbps_CH23230
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:06
Responsible Person	audio

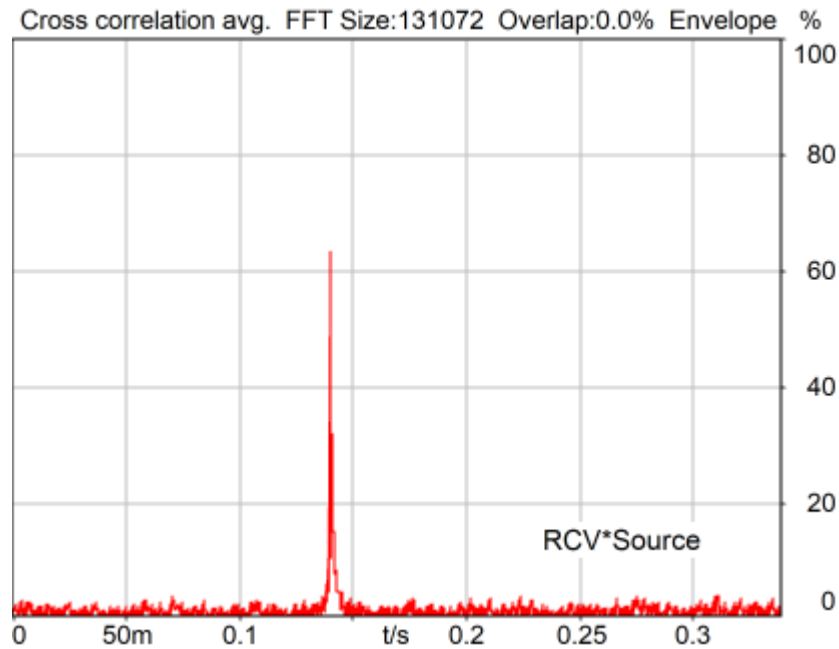
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	140.8	HUHAO_2403_LTE Band13_10_QPSK_1_0_EVS WB 9.6kbps_CH23230
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	21.91	HUHAO_2403_LTE Band13_10_QPSK_1_0_EVS WB 9.6kbps_CH23230
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.61	HUHAO_2403_LTE Band13_10_QPSK_1_0_EVS WB 9.6kbps_CH23230

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

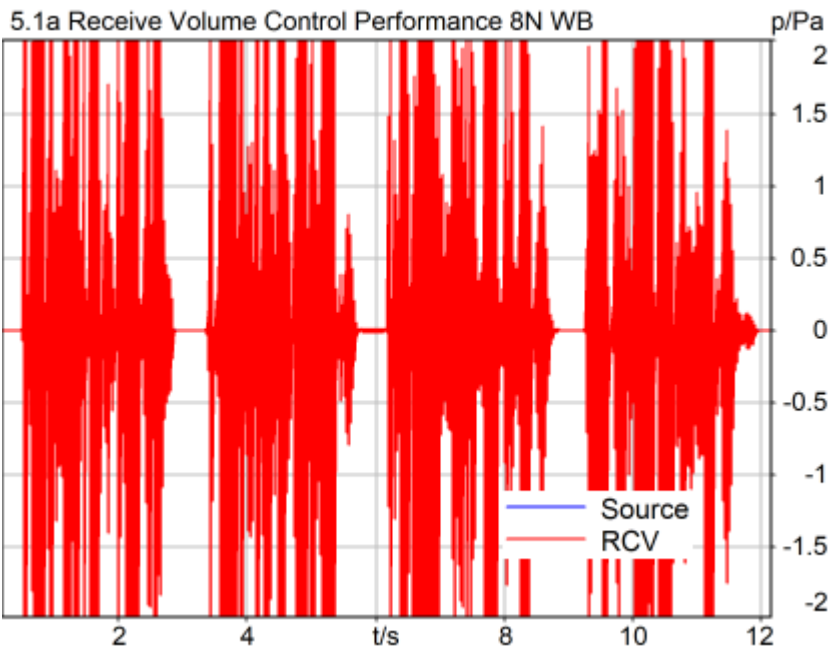


Channel	Delay
RCV*Source	140.8 ms

2025/2/5 16:56 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	91.91 dB[SPL]	84.02%	21.91 dB[SPL]	Ok

Ok

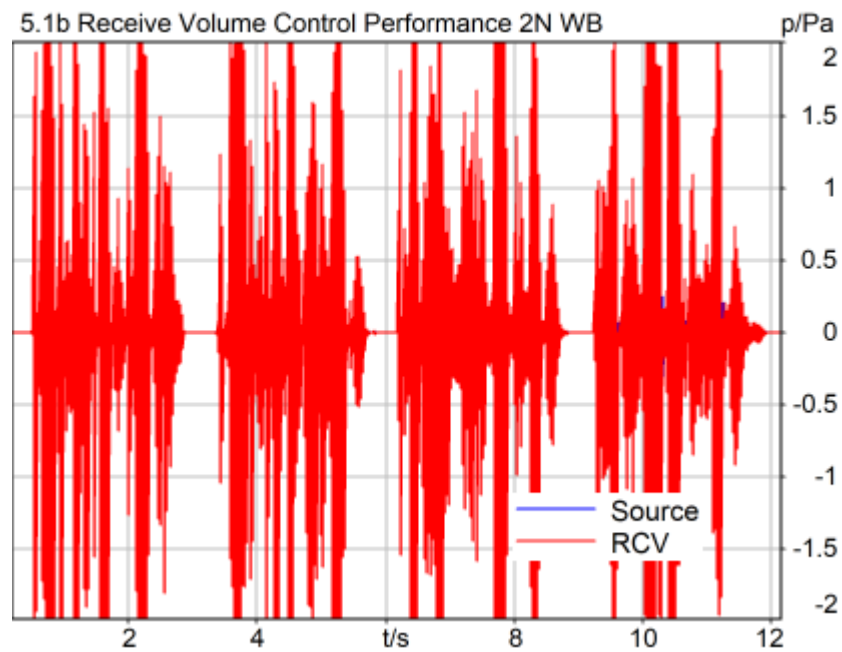
2025/2/5 16:56 ACQUA 6.0.200

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	86.61 dB[SPL]	84.46%	16.61 dB[SPL]	Ok

Ok

2025/2/5 16:56 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band66_20_QPSK_1_0_AMR NB 4.75kbps_CH132322
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:08
Responsible Person	audio

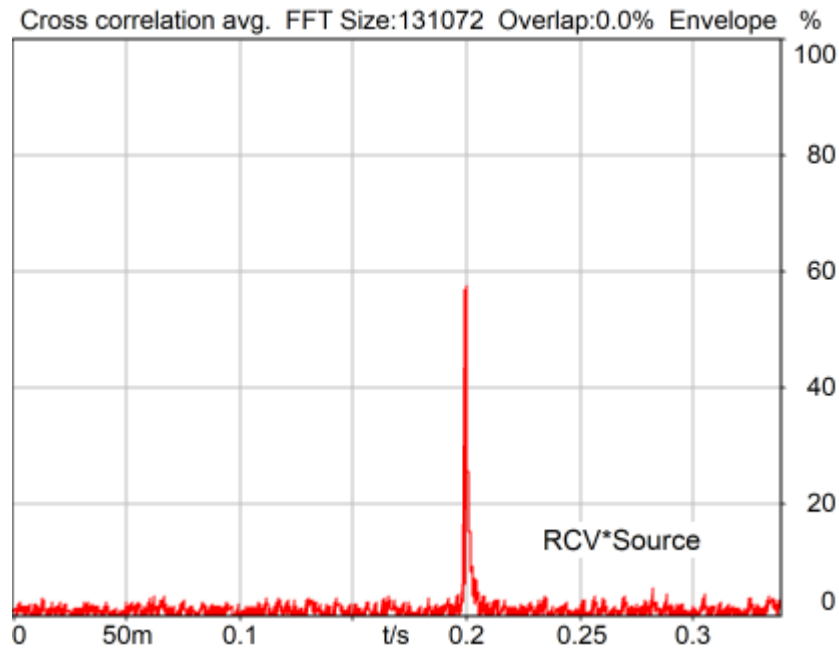
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	199.9	HUHAO_2403_LTE Band66_20_QPSK_1_0_AMR NB 4.75kbps_CH132322
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	20.56	HUHAO_2403_LTE Band66_20_QPSK_1_0_AMR NB 4.75kbps_CH132322
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	15.61	HUHAO_2403_LTE Band66_20_QPSK_1_0_AMR NB 4.75kbps_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

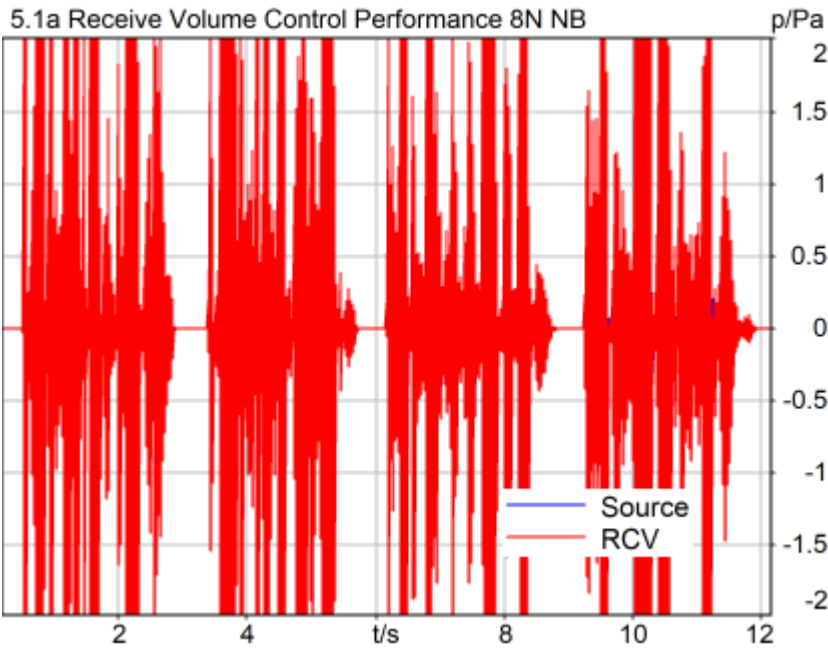


Channel	Delay
RCV*Source	199.9 ms

2025/2/5 14:46 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	90.56 dB[SPL]	80.64%	20.56 dB[SPL]	Ok

Ok

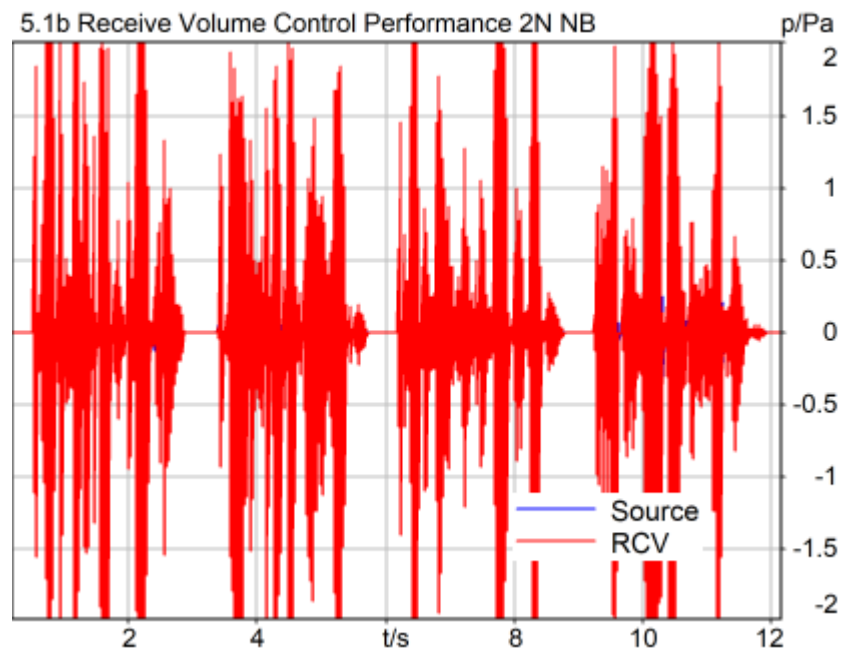
2025/2/5 14:47 ACQUA 6.0.200

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	85.61 dB[SPL]	80.54%	15.61 dB[SPL]	Ok

Ok

2025/2/5 17:00 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band66_20_QPSK_1_0_AMR NB 12.2kbps_CH132322
--------------------	--

Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:09
Responsible Person	audio

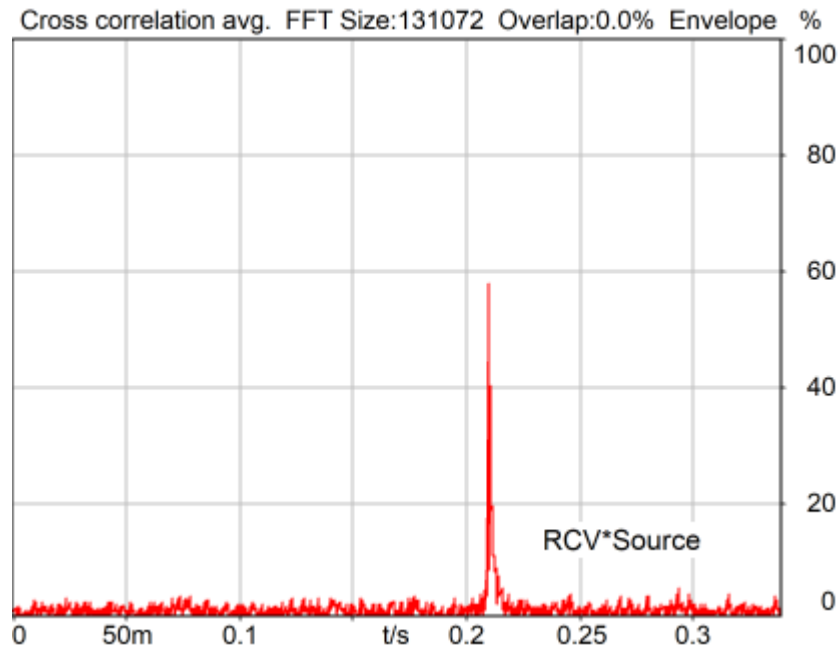
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	210.6	HUHAO_2403_LTE Band66_20_QPSK_1_0_AMR NB 12.2kbps_CH132322
5.1a Receive Volume Control Performance 8N NB	Ok	Corrected Speech Level [dB[SPL]]	20.63	HUHAO_2403_LTE Band66_20_QPSK_1_0_AMR NB 12.2kbps_CH132322
5.1b Receive Volume Control Performance 2N NB	Ok	Corrected Speech Level [dB[SPL]]	15.49	HUHAO_2403_LTE Band66_20_QPSK_1_0_AMR NB 12.2kbps_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

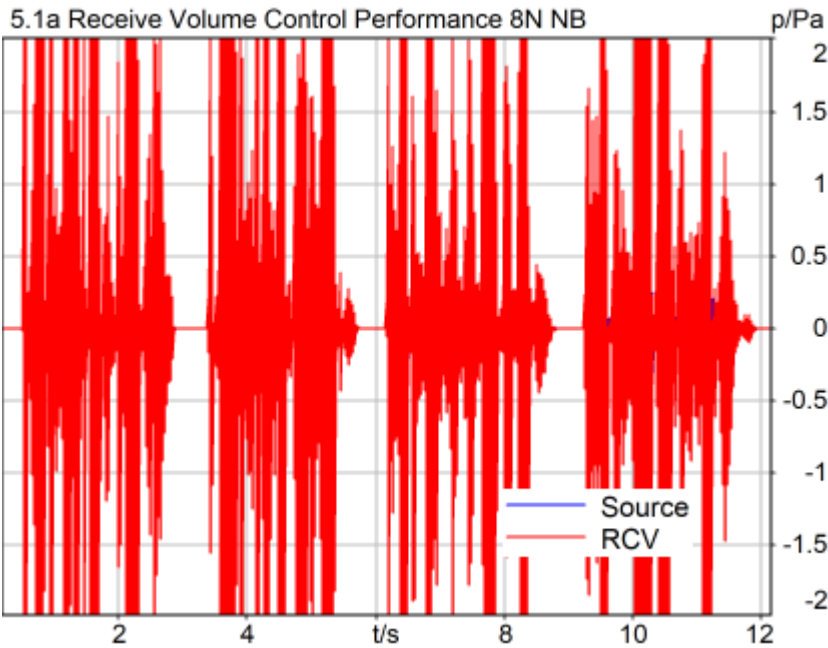


Channel	Delay
RCV*Source	210.6 ms

2025/2/5 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	90.63 dB[SPL]	80.64%	20.63 dB[SPL]	Ok

Ok

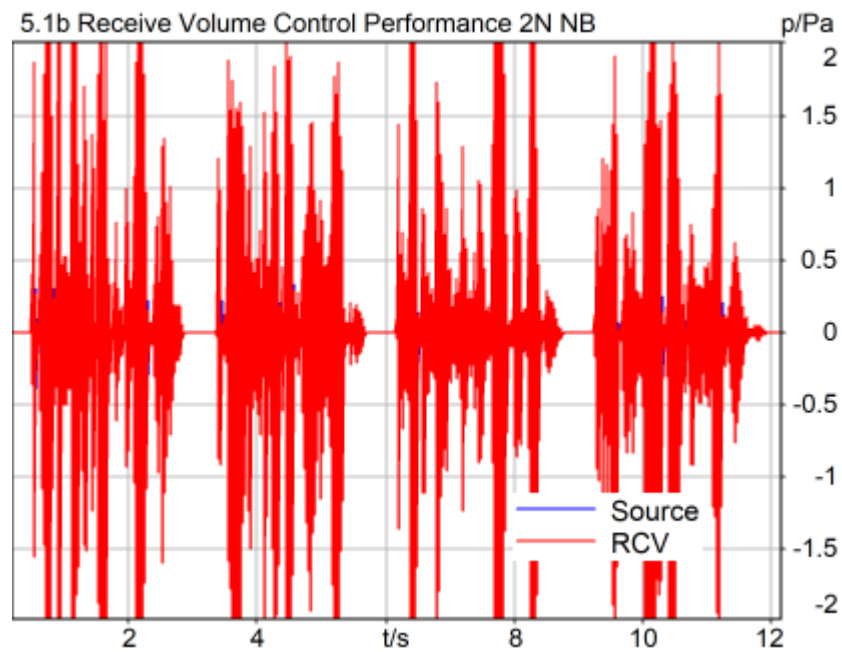
2025/2/5 14:50 ACQUA 6.0.200

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	85.49 dB[SPL]	80.90%	15.49 dB[SPL]	Ok

Ok

2025/2/5 14:51 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa

Measurement Protocol

Measurement Object	HUHAO_2403_LTE Band66_20_QPSK_1_0_AMR WB 6.60kbps_CH132322
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Project	TIA-5050 (2018-01)
Report Generation Date	2025/3/21 11:09
Responsible Person	audio

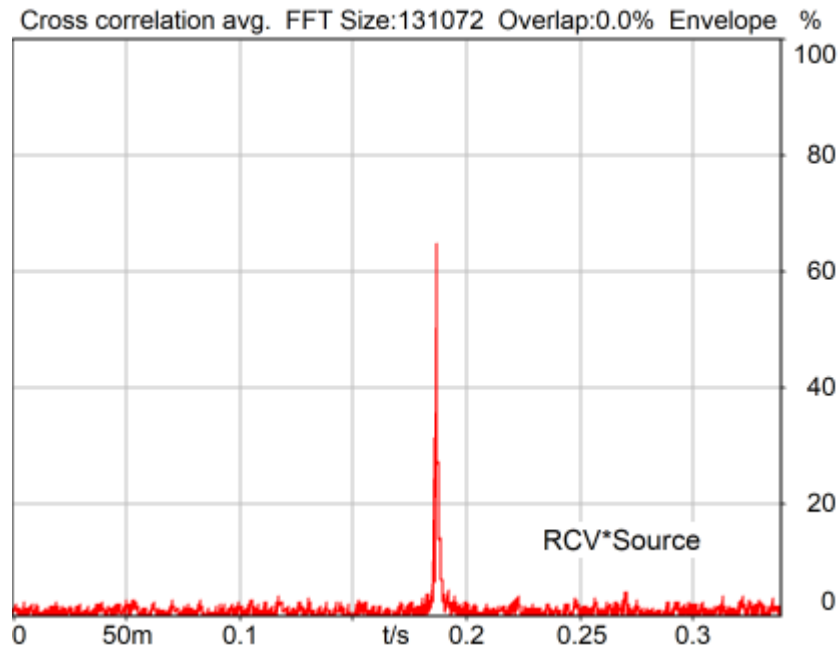
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	187.2	HUHAO_2403_LTE Band66_20_QPSK_1_0_AMR WB 6.60kbps_CH132322
5.1a Receive Volume Control Performance 8N WB	Ok	Corrected Speech Level [dB[SPL]]	22.04	HUHAO_2403_LTE Band66_20_QPSK_1_0_AMR WB 6.60kbps_CH132322
5.1b Receive Volume Control Performance 2N WB	Ok	Corrected Speech Level [dB[SPL]]	16.70	HUHAO_2403_LTE Band66_20_QPSK_1_0_AMR WB 6.60kbps_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

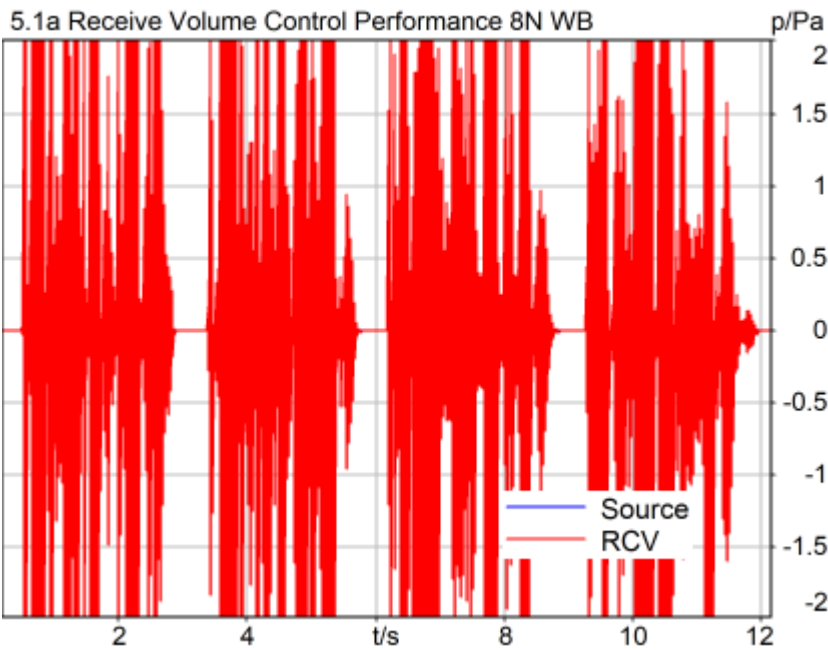


Channel	Delay
RCV*Source	187.2 ms

2025/2/5 14:54 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	92.04 dB[SPL]	84.07%	22.04 dB[SPL]	Ok

Ok

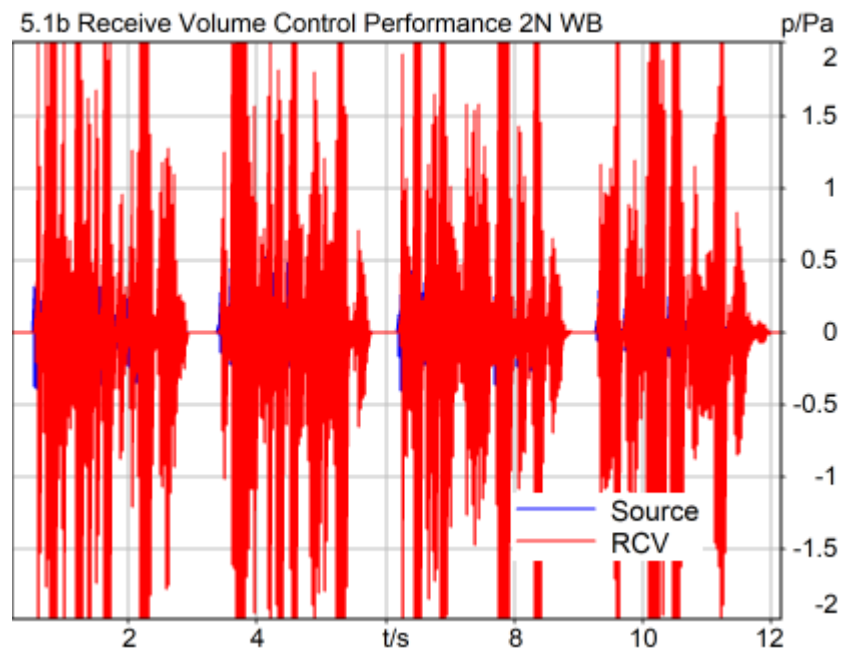
2025/2/5 14:54 ACQUA 6.0.200

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	86.70 dB[SPL]	84.49%	16.70 dB[SPL]	Ok

Ok

2025/2/5 14:53 ACQUA 6.0.200

Limits

	lower
Run 1	6.00 dB20uPa