

Measurement Protocol

Measurement Object	FR1 n66_20_DFT-s-OFDM_AMR WB 6.6kbps_CH349000
Description	HMD_TA_1600#Tomcat

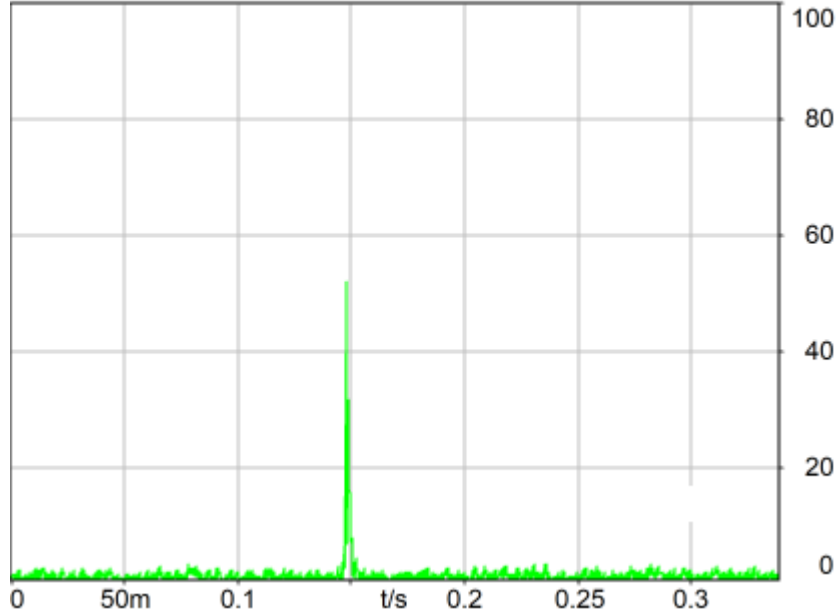
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 10:38
Responsible Person	audio

Overall Receive Delay WB, Index: 1	3
5.1a Receive Volume Control Performance 8N WB, Index: 1	3
5.1b Receive Volume Control Performance 2N WB, Index: 1	4

Overall Receive Delay WB, Index: 1

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

Cross correlation avg. FFT Size:131072 Overlap:0.0% Envelope %



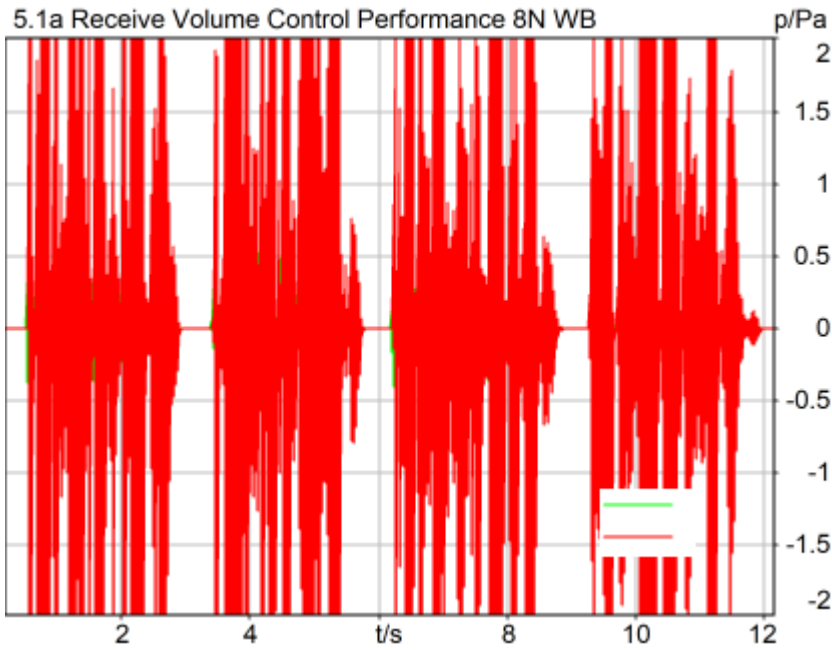
Channel	Delay
RCV*Source	148.0 ms

2024/4/28 14:18 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB, Index: 1

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



Correction

X - 70

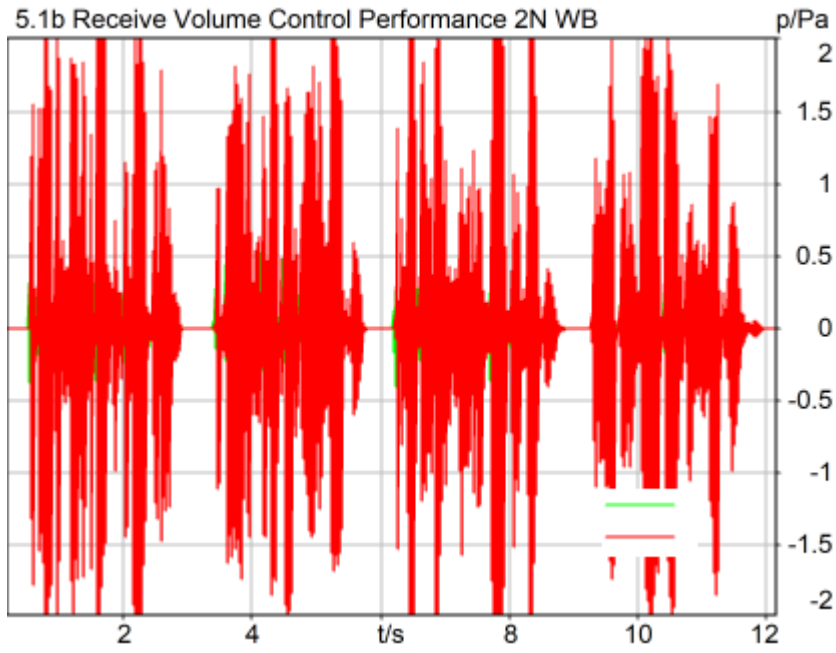
Channel	Speech level	Activity	Corrected speech level	
Rcv	91.43 dB[SPL]	84.44%	21.43 dB[SPL]	Ok

Ok

2024/4/28 14:20 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N WB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	85.59 dB[SPL]	84.11%	15.59 dB[SPL]	Ok

Ok

2024/4/28 14:29 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n66_20_DFT-s-OFDM_AMR WB 23.85kbps_CH349000
Description	HMD_TA_1600#Tomcat

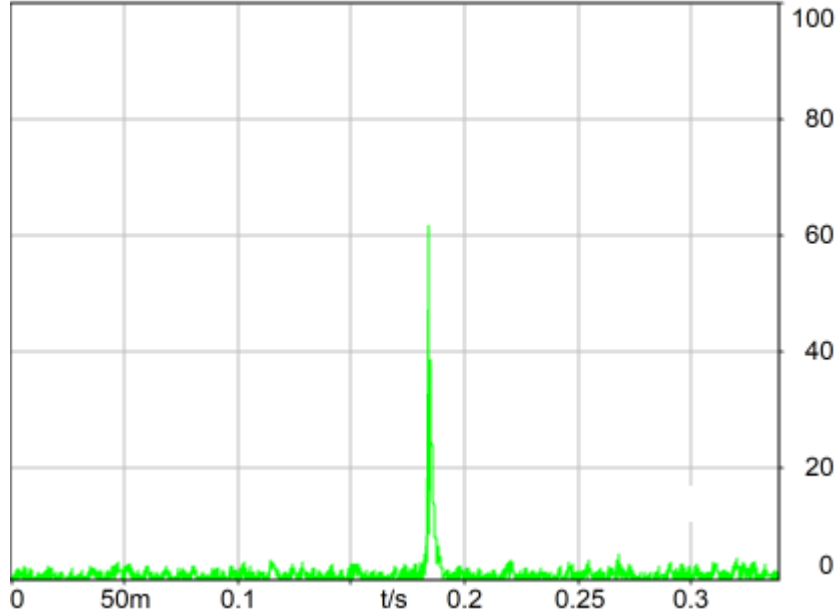
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 10:39
Responsible Person	audio

Overall Receive Delay WB, Index: 1	3
5.1a Receive Volume Control Performance 8N WB, Index: 1	3
5.1b Receive Volume Control Performance 2N WB, Index: 1	4

Overall Receive Delay WB, Index: 1

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

Cross correlation avg. FFT Size:131072 Overlap:0.0% Envelope %



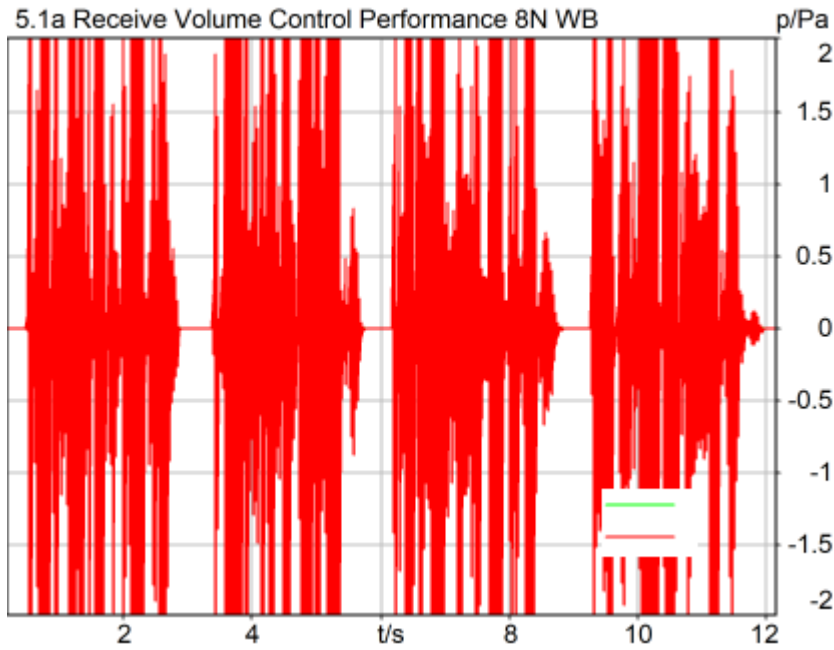
Channel	Delay
RCV*Source	185.0 ms

2024/4/28 14:21 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB, Index: 1

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



Correction

X - 70

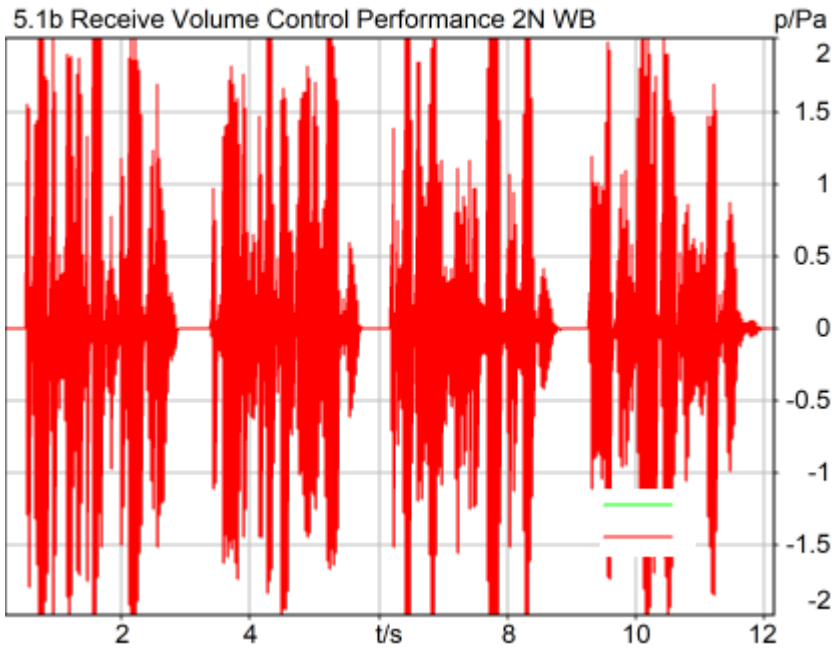
Channel	Speech level	Activity	Corrected speech level	
RCV	91.64 dB[SPL]	82.77%	21.64 dB[SPL]	Ok

Ok

2024/4/28 14:21 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N WB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	85.58 dB[SPL]	84.04%	15.58 dB[SPL]	Ok

Ok

2024/4/28 14:30 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n66_20_DFT-s-OFDM_EVS NB 5.9kbps_CH349000
Description	HMD_TA_1600#Tomcat

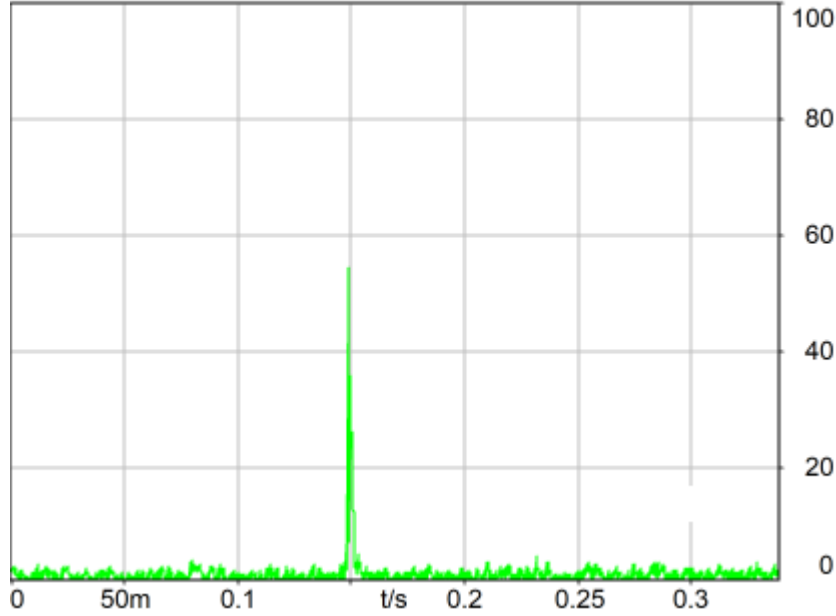
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 10:39
Responsible Person	audio

Overall Receive Delay NB, Index: 1	3
5.1a Receive Volume Control Performance 8N NB, Index: 1	3
5.1b Receive Volume Control Performance 2N NB, Index: 1	4

Overall Receive Delay NB, Index: 1

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

Cross correlation avg. FFT Size:131072 Overlap:0.0% Envelope %



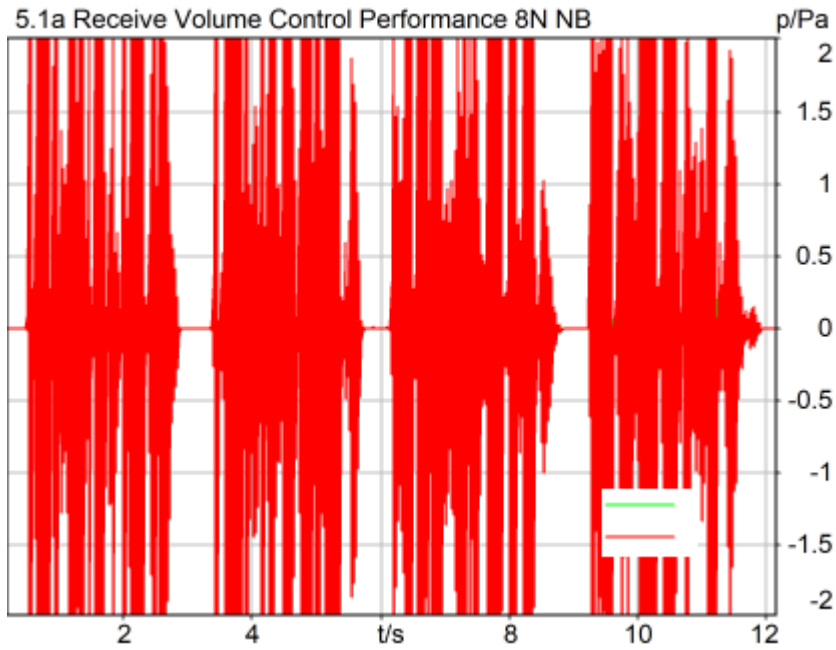
Channel	Delay
RCV*Source	149.3 ms

2024/4/28 14:25 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB, Index: 1

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



Correction

X - 70

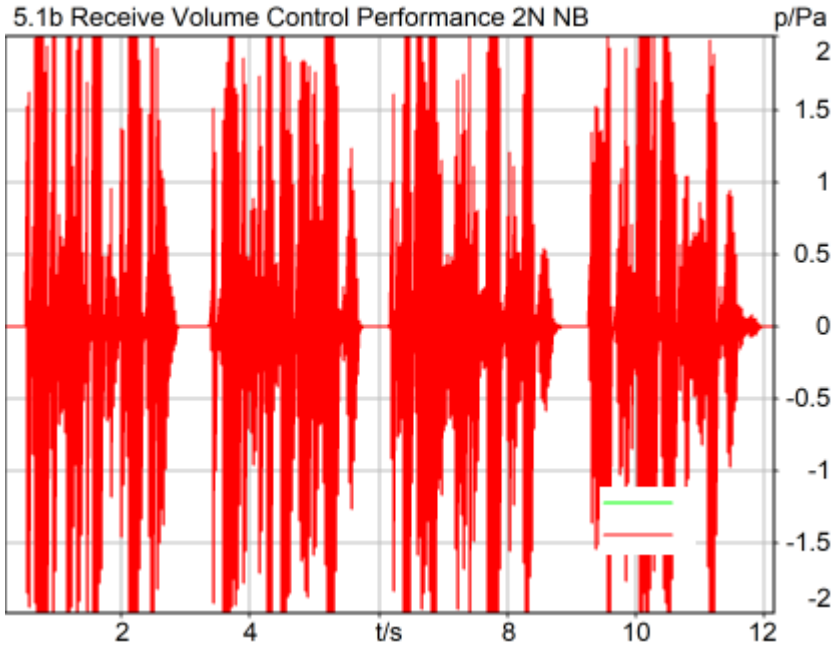
Channel	Speech level	Activity	Corrected speech level	
RCV	93.45 dB[SPL]	84.04%	23.45 dB[SPL]	Ok

Ok

2024/4/28 14:25 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N NB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	87.69 dB[SPL]	84.55%	17.69 dB[SPL]	Ok

Ok

2024/4/28 14:26 ACQUA 6.0.200

Measurement Protocol

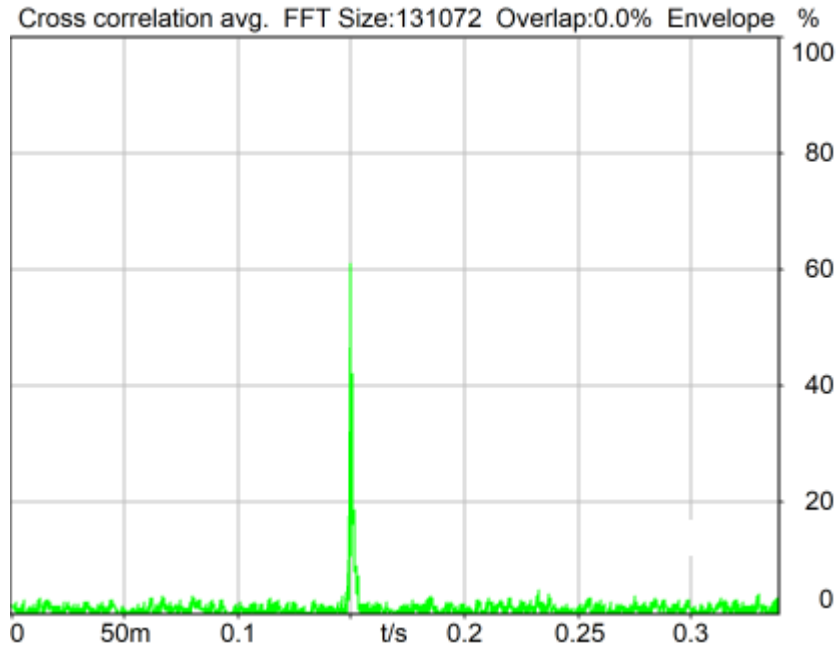
Measurement Object	FR1 n66_20_DFT-s-OFDM_EVS NB 24.4kbps_CH349000
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 16:11
Responsible Person	audio

Overall Receive Delay NB, Index: 1	3
5.1a Receive Volume Control Performance 8N NB, Index: 1	3
5.1b Receive Volume Control Performance 2N NB, Index: 1	4

Overall Receive Delay NB, Index: 1

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



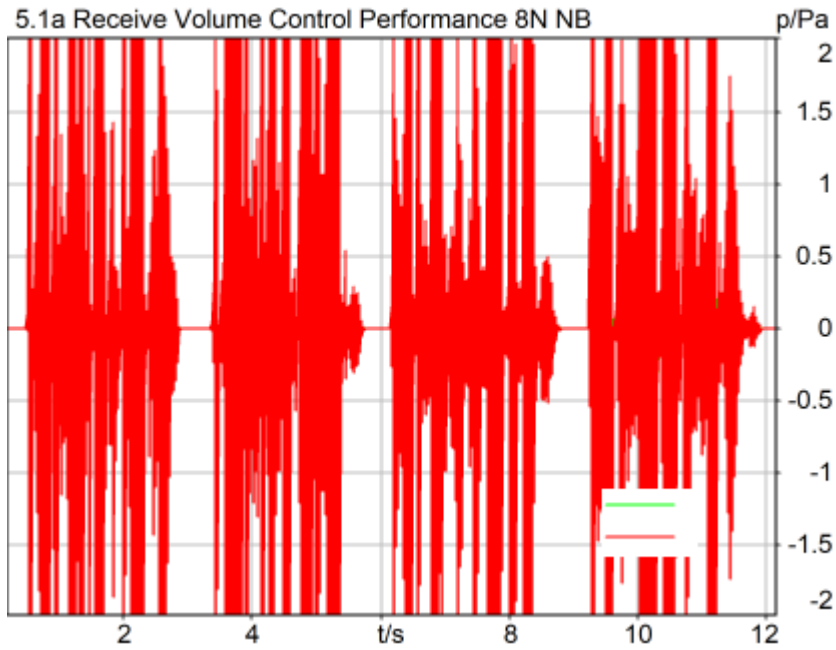
Channel	Delay
RCV*Source	149.9 ms

2024/4/28 11:22 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB, Index: 1

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



Correction

X - 70

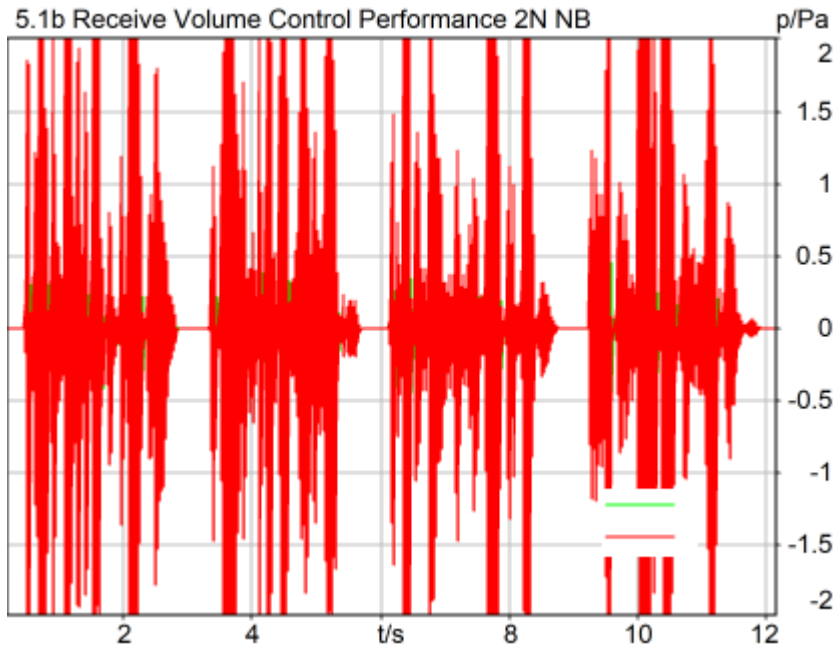
Channel	Speech level	Activity	Corrected speech level	
RCV	93.56 dB[SPL]	80.30%	23.56 dB[SPL]	Ok

Ok

2024/4/28 11:23 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N NB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	87.55 dB[SPL]	80.24%	17.55 dB[SPL]	Ok

Ok

2024/4/28 11:30 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n66_20_DFT-s-OFDM_EVS WB 9.6kbps_CH349000
Description	HMD_TA_1600#Tomcat

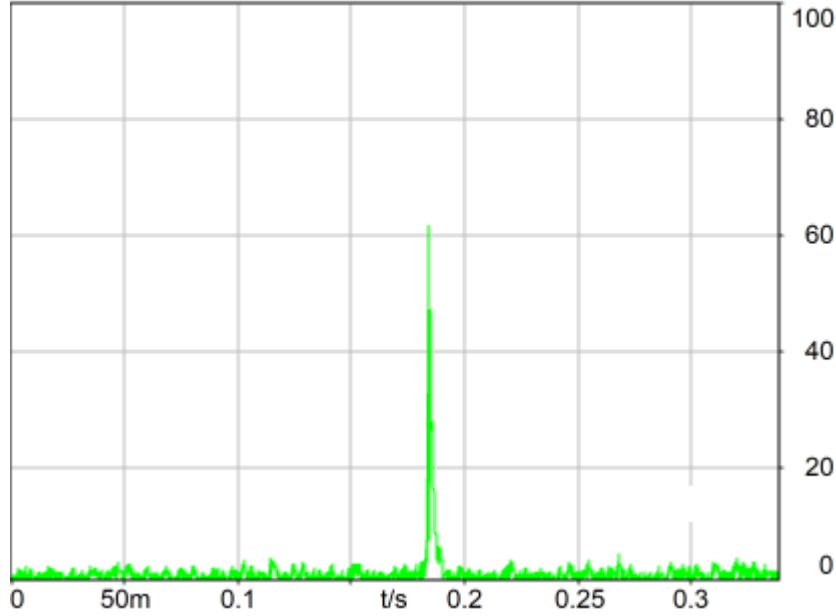
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 10:40
Responsible Person	audio

Overall Receive Delay WB, Index: 1	3
5.1a Receive Volume Control Performance 8N WB, Index: 1	3
5.1b Receive Volume Control Performance 2N WB, Index: 1	4

Overall Receive Delay WB, Index: 1

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

Cross correlation avg. FFT Size:131072 Overlap:0.0% Envelope %



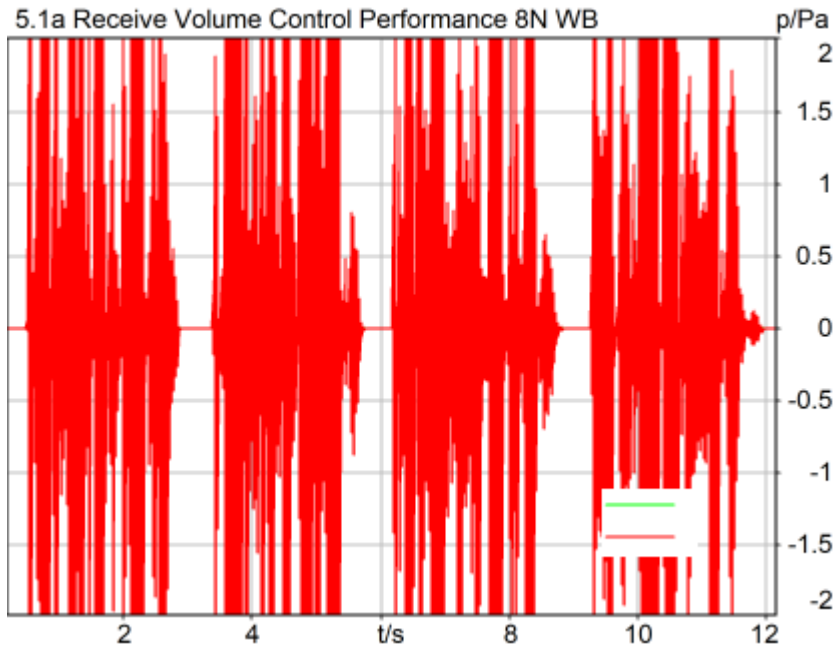
Channel	Delay
RCV*Source	185.1 ms

2024/4/28 14:22 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB, Index: 1

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



Correction

X - 70

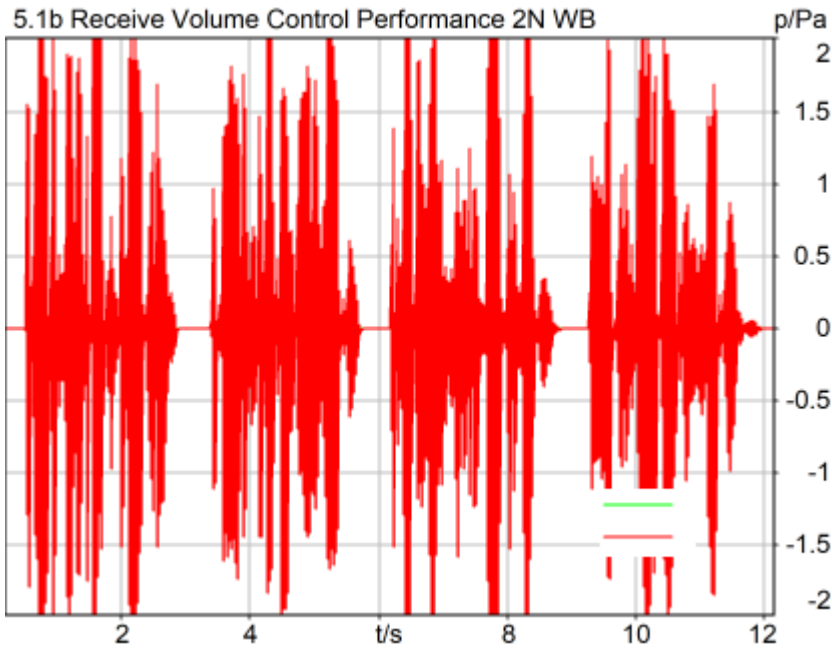
Channel	Speech level	Activity	Corrected speech level	
RCV	91.49 dB[SPL]	83.89%	21.49 dB[SPL]	Ok

Ok

2024/4/28 14:22 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N WB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	85.61 dB[SPL]	83.82%	15.61 dB[SPL]	Ok

Ok

2024/4/28 14:31 ACQUA 6.0.200

Measurement Protocol

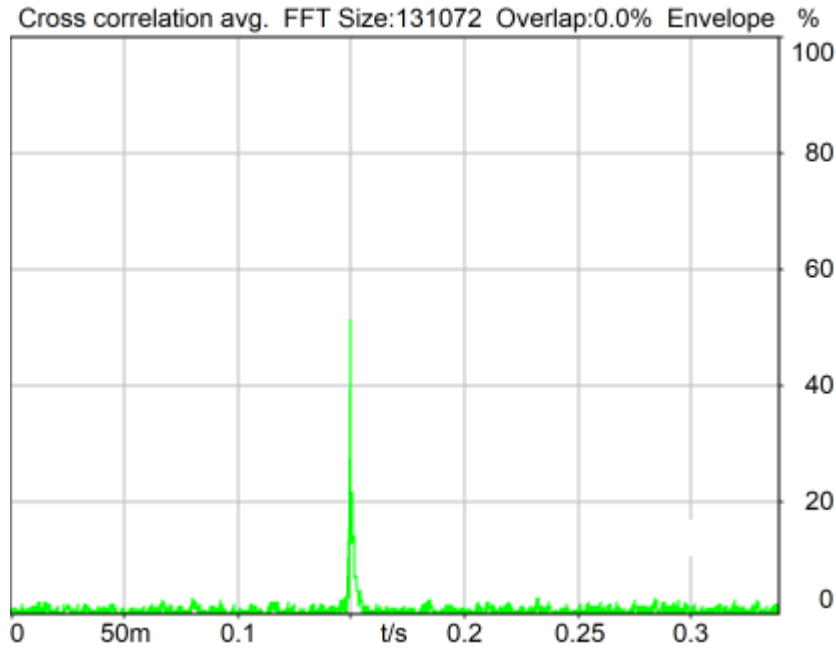
Measurement Object	FR1 n66_20_DFT-s-OFDM_EVS WB 24.4kbps_CH349000
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 16:11
Responsible Person	audio

Overall Receive Delay WB, Index: 1	3
5.1a Receive Volume Control Performance 8N WB, Index: 1	3
5.1b Receive Volume Control Performance 2N WB, Index: 1	4

Overall Receive Delay WB, Index: 1

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

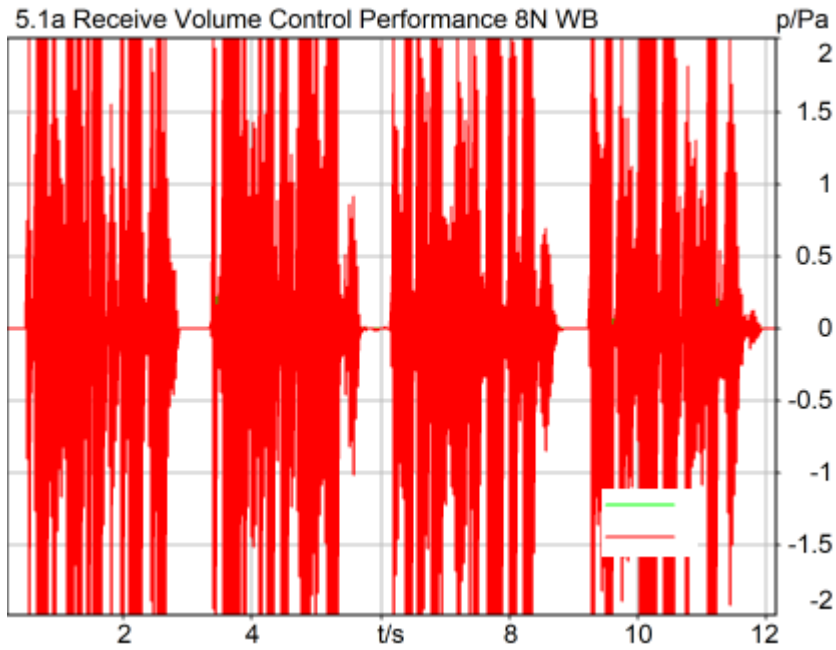


Channel	Delay
RCV*Source	149.7 ms

2024/4/28 12:10 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB, Index: 1

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



Correction

X - 70

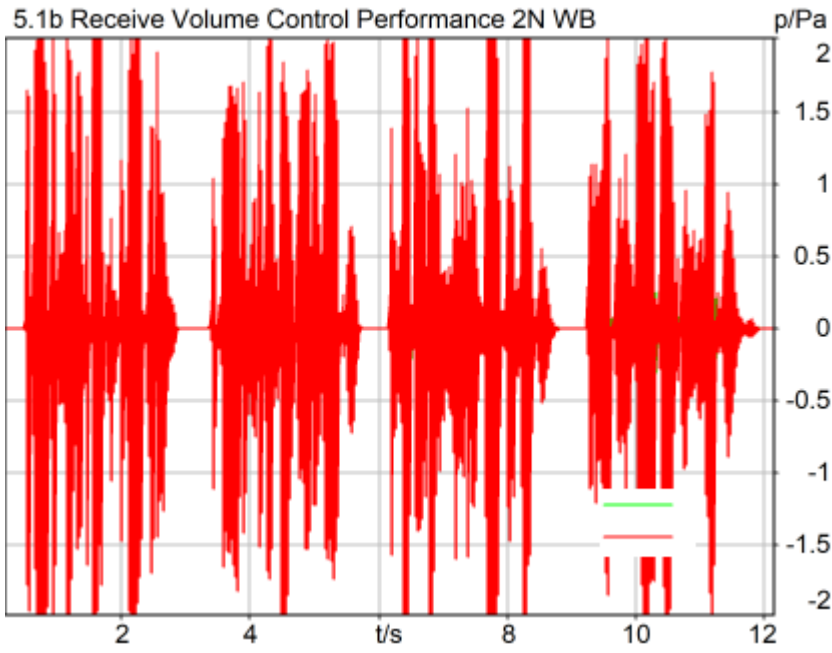
Channel	Speech level	Activity	Corrected speech level	
RCV	91.76 dB[SPL]	84.35%	21.76 dB[SPL]	Ok

Ok

2024/4/28 12:18 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N WB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RVC	85.73 dB[SPL]	84.47%	15.73 dB[SPL]	Ok

Ok

2024/4/28 12:10 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n71_20_DFT-s-OFDM_AMR NB 4.75kbps_CH136100
Description	HMD_TA_1600#Tomcat

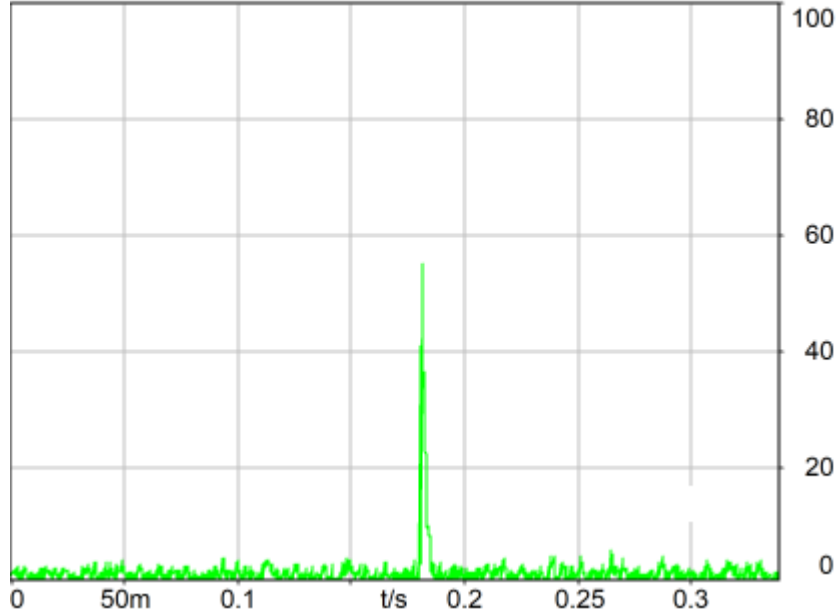
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 11:18
Responsible Person	audio

Overall Receive Delay NB, Index: 1	3
5.1a Receive Volume Control Performance 8N NB, Index: 1	3
5.1b Receive Volume Control Performance 2N NB, Index: 1	4

Overall Receive Delay NB, Index: 1

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

Cross correlation avg. FFT Size:131072 Overlap:0.0% Envelope %



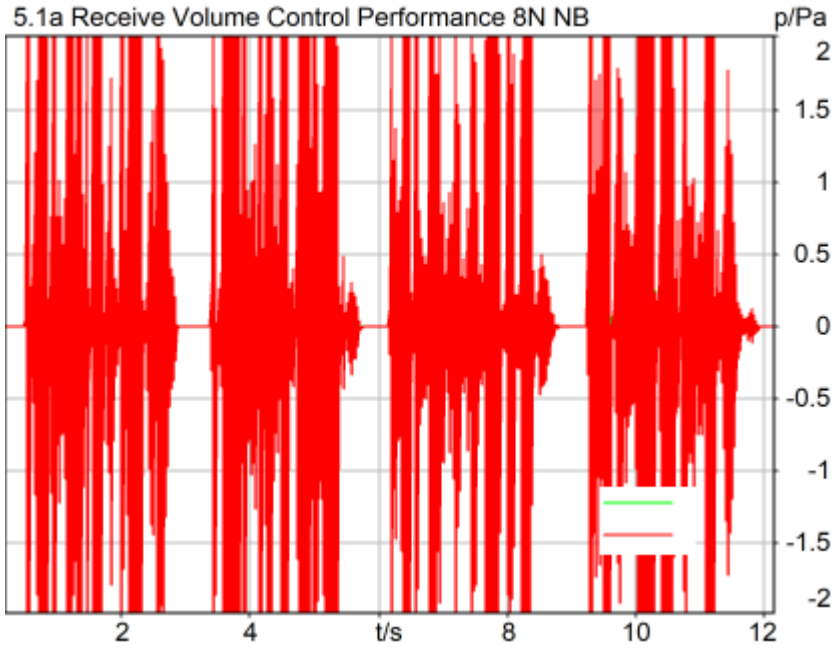
Channel	Delay
RCV*Source	181.7 ms

2024/4/28 14:56 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB, Index: 1

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



Correction

X - 70

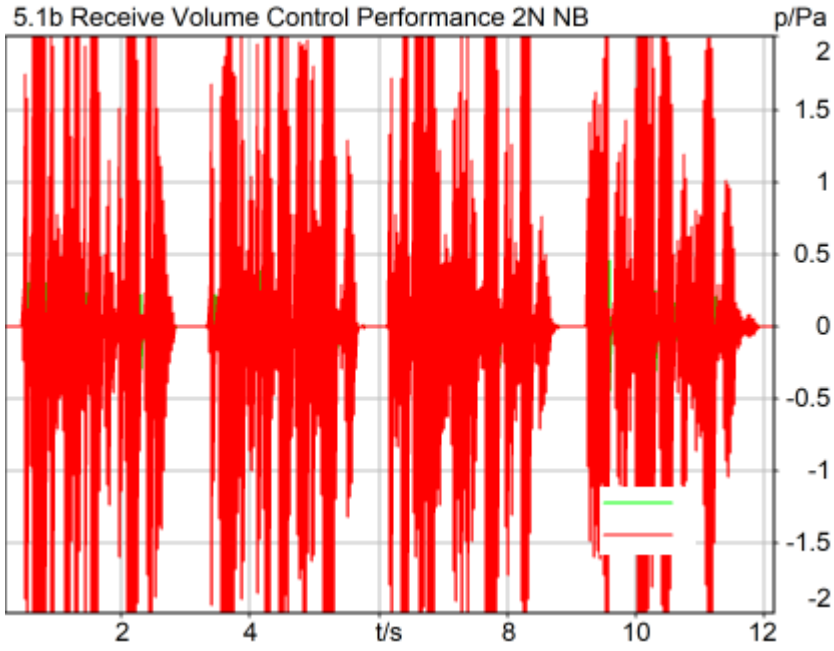
Channel	Speech level	Activity	Corrected speech level	
RCV	93.39 dB[SPL]	80.40%	23.39 dB[SPL]	Ok

Ok

2024/4/28 14:57 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N NB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	88.14 dB[SPL]	84.70%	18.14 dB[SPL]	Ok

Ok

2024/4/28 15:07 ACQUA 6.0.200

Measurement Protocol

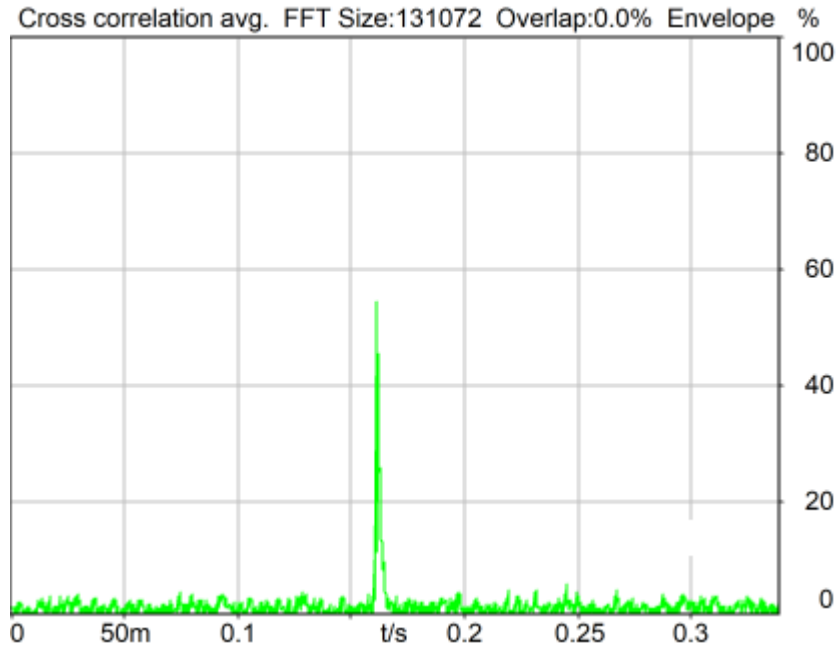
Measurement Object	FR1 n71_20_DFT-s-OFDM_AMR NB 12.2kbps_CH136100
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 13:00
Responsible Person	audio

Overall Receive Delay NB, Index: 1	3
5.1a Receive Volume Control Performance 8N NB, Index: 1	3
5.1b Receive Volume Control Performance 2N NB, Index: 1	4

Overall Receive Delay NB, Index: 1

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



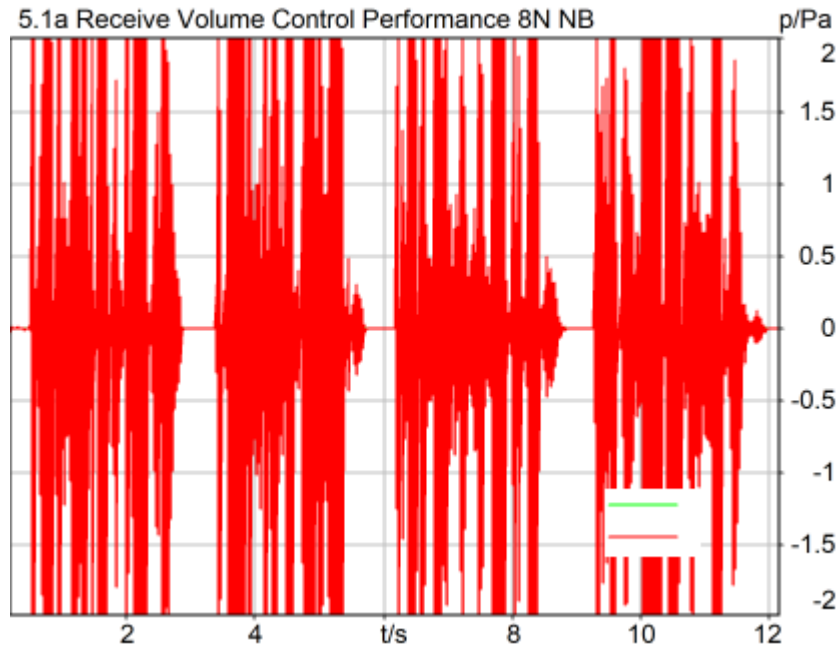
Channel	Delay
RCV*Source	161.8 ms

2024/4/28 14:57 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB, Index: 1

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



Correction

X - 70

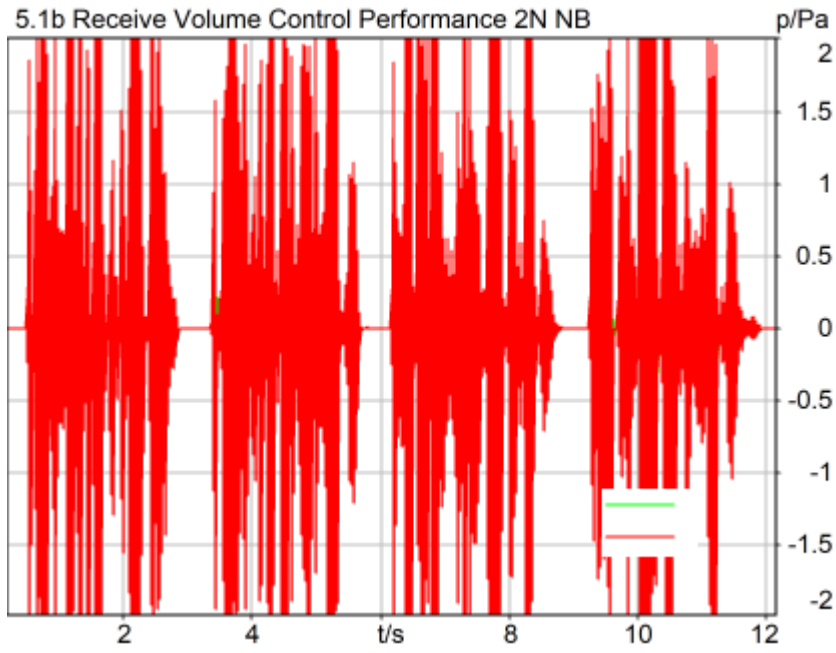
Channel	Speech level	Activity	Corrected speech level	
RCV	93.23 dB[SPL]	80.70%	23.23 dB[SPL]	Ok

Ok

2024/4/28 14:57 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N NB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	88.00 dB[SPL]	84.72%	18.00 dB[SPL]	Ok

Ok

2024/4/28 15:08 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n71_20_DFT-s-OFDM_AMR WB 6.6kbps_CH136100
Description	HMD_TA_1600#Tomcat

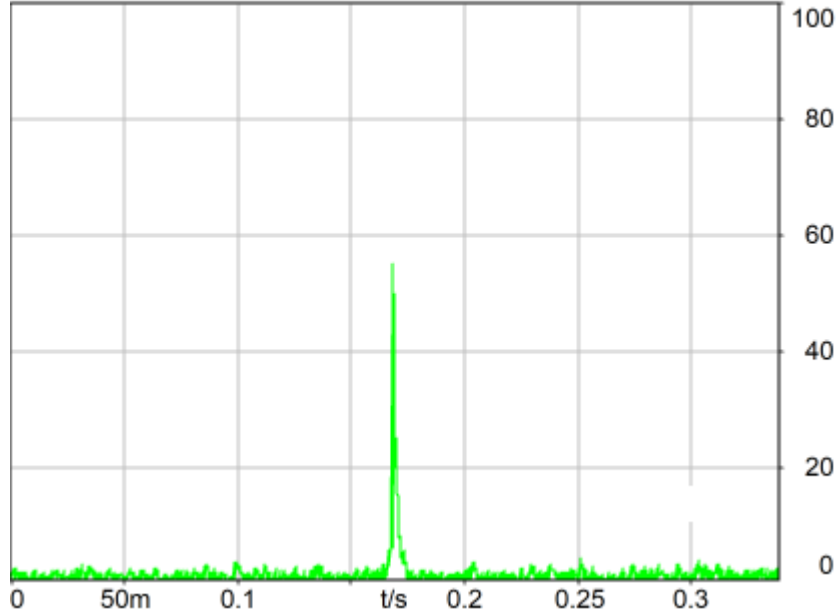
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 13:01
Responsible Person	audio

Overall Receive Delay WB, Index: 1	3
5.1a Receive Volume Control Performance 8N WB, Index: 1	3
5.1b Receive Volume Control Performance 2N WB, Index: 1	4

Overall Receive Delay WB, Index: 1

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

Cross correlation avg. FFT Size:131072 Overlap:0.0% Envelope %



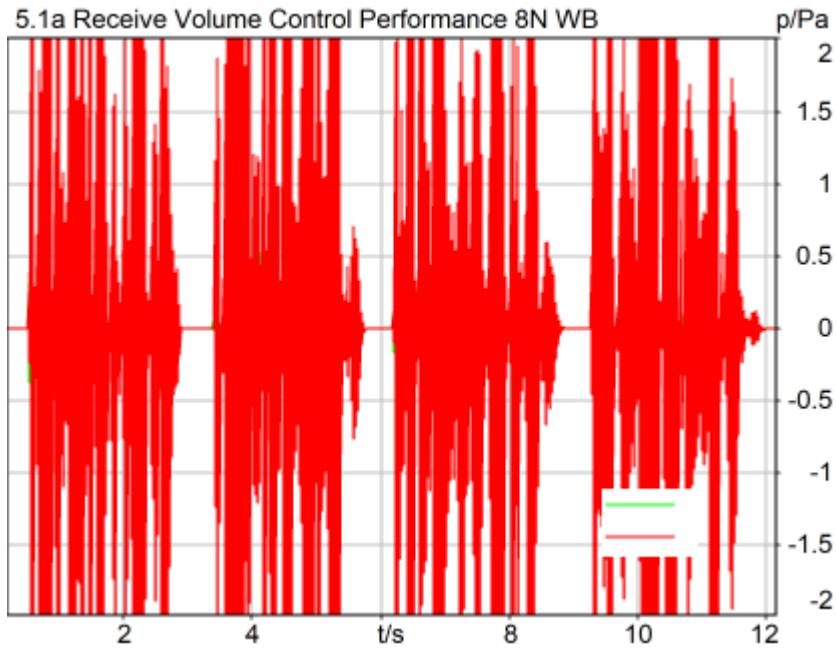
Channel	Delay
RCV*Source	168.7 ms

2024/4/28 14:41 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB, Index: 1

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



Correction

X - 70

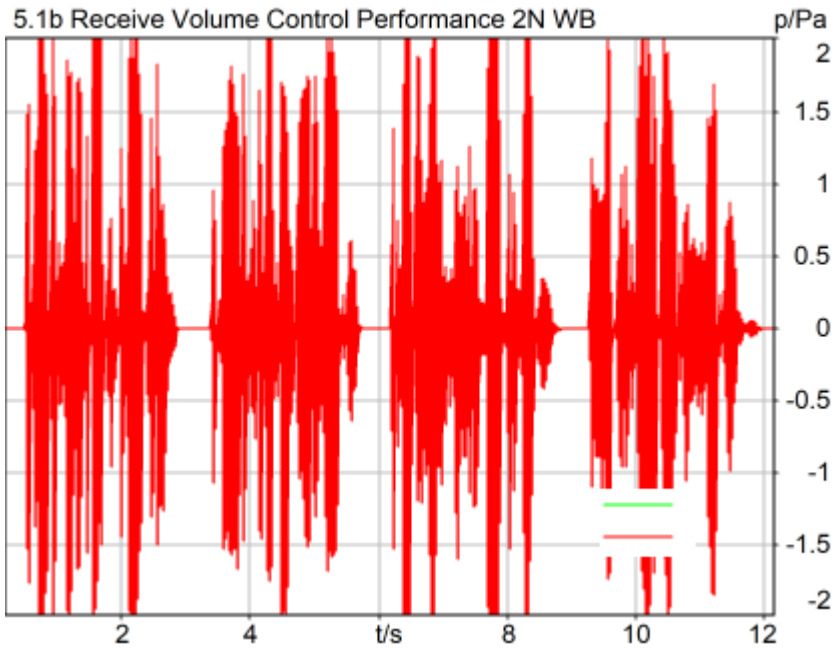
Channel	Speech level	Activity	Corrected speech level	
RCV	91.27 dB[SPL]	83.61%	21.27 dB[SPL]	Ok

Ok

2024/4/28 15:02 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N WB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	85.56 dB[SPL]	84.12%	15.56 dB[SPL]	Ok

Ok

2024/4/28 14:41 ACQUA 6.0.200

Measurement Protocol

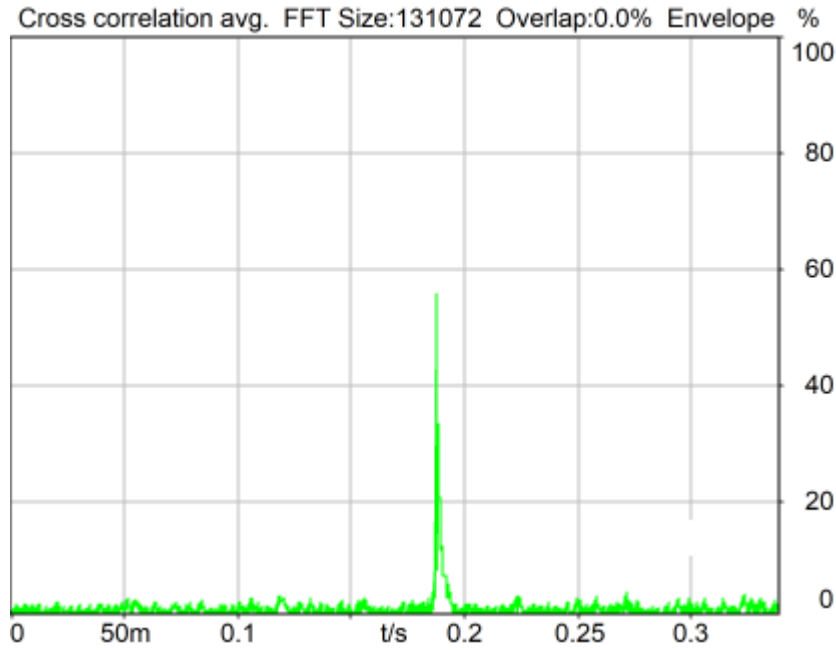
Measurement Object	FR1 n71_20_DFT-s-OFDM_AMR WB 23.85kbps_CH136100
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 13:02
Responsible Person	audio

Overall Receive Delay WB, Index: 1	3
5.1a Receive Volume Control Performance 8N WB, Index: 1	3
5.1b Receive Volume Control Performance 2N WB, Index: 1	4

Overall Receive Delay WB, Index: 1

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

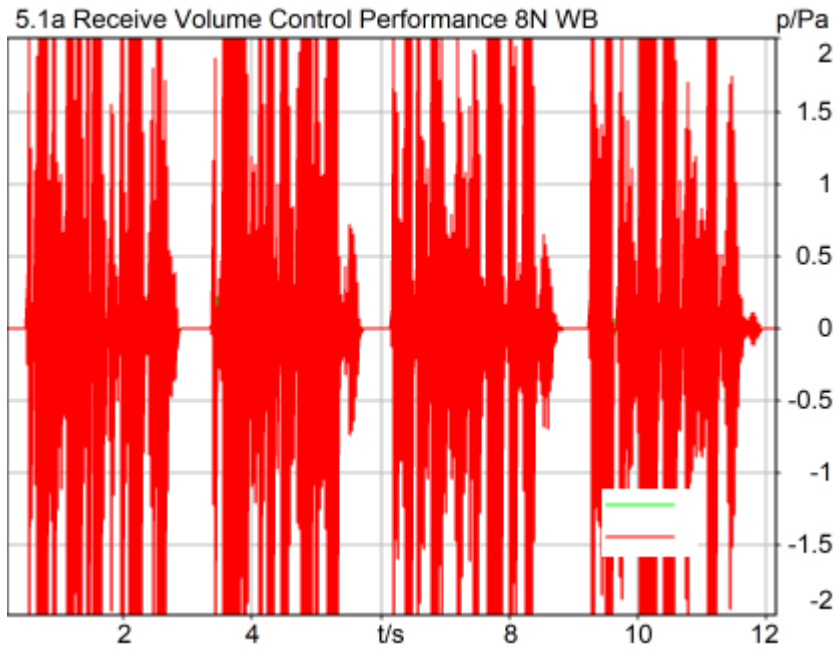


Channel	Delay
RCV*Source	188.6 ms

2024/4/28 14:40 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB, Index: 1

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



Correction

X - 70

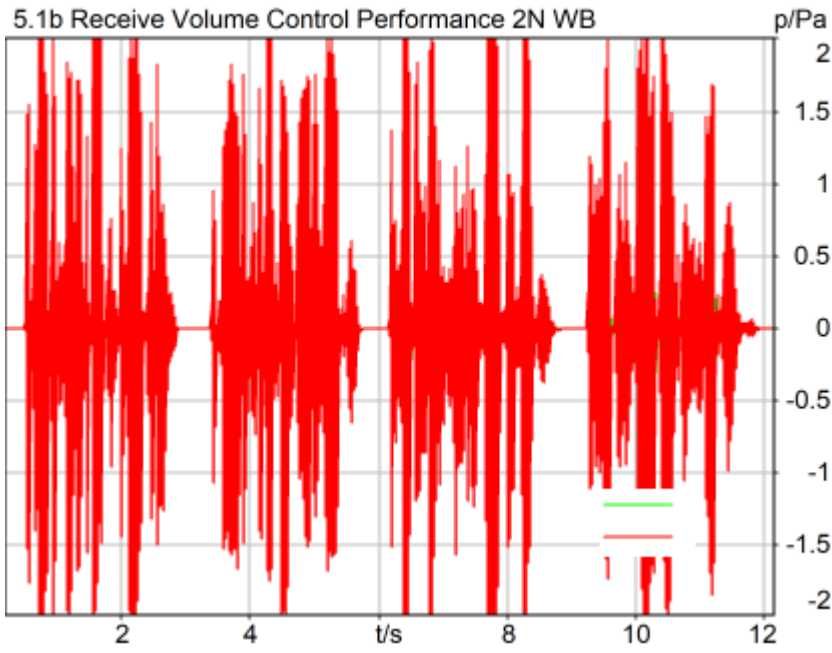
Channel	Speech level	Activity	Corrected speech level	
RCV	91.26 dB[SPL]	83.86%	21.26 dB[SPL]	Ok

Ok

2024/4/28 15:03 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N WB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	85.58 dB[SPL]	82.82%	15.58 dB[SPL]	Ok

Ok

2024/4/28 14:40 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n71_20_DFT-s-OFDM_EVS NB 5.9kbps_CH136100
Description	HMD_TA_1600#Tomcat

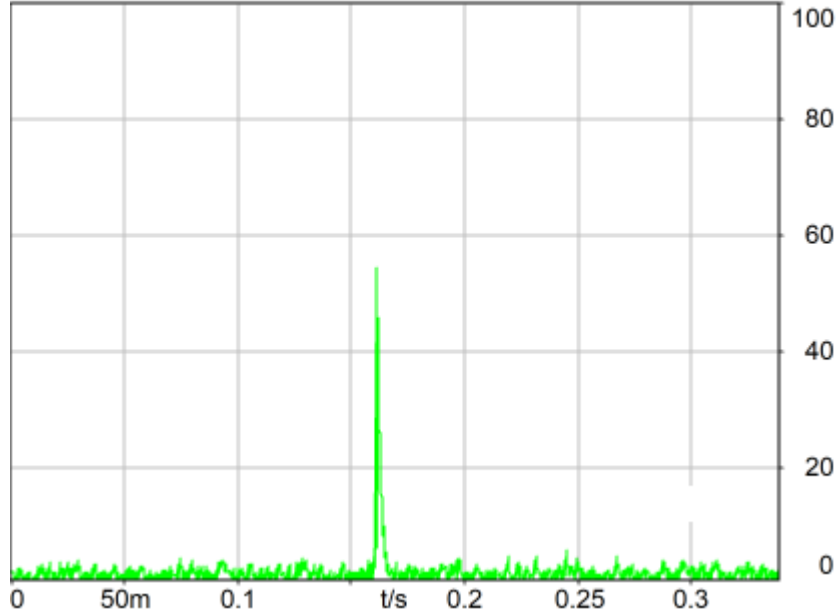
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 13:02
Responsible Person	audio

Overall Receive Delay NB, Index: 1	3
5.1a Receive Volume Control Performance 8N NB, Index: 1	3
5.1b Receive Volume Control Performance 2N NB, Index: 1	4

Overall Receive Delay NB, Index: 1

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

Cross correlation avg. FFT Size:131072 Overlap:0.0% Envelope %



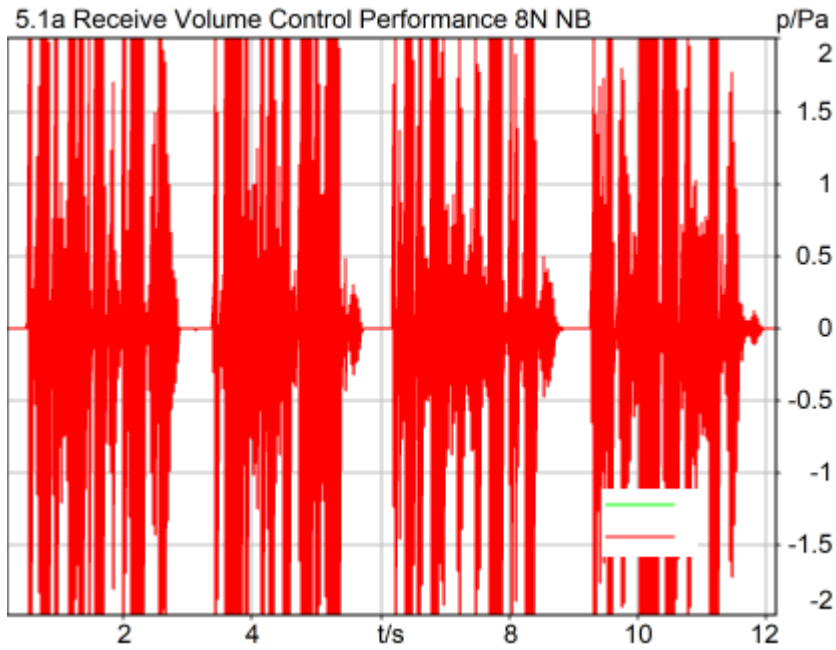
Channel	Delay
RCV*Source	162.0 ms

2024/4/28 14:58 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB, Index: 1

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



Correction

X - 70

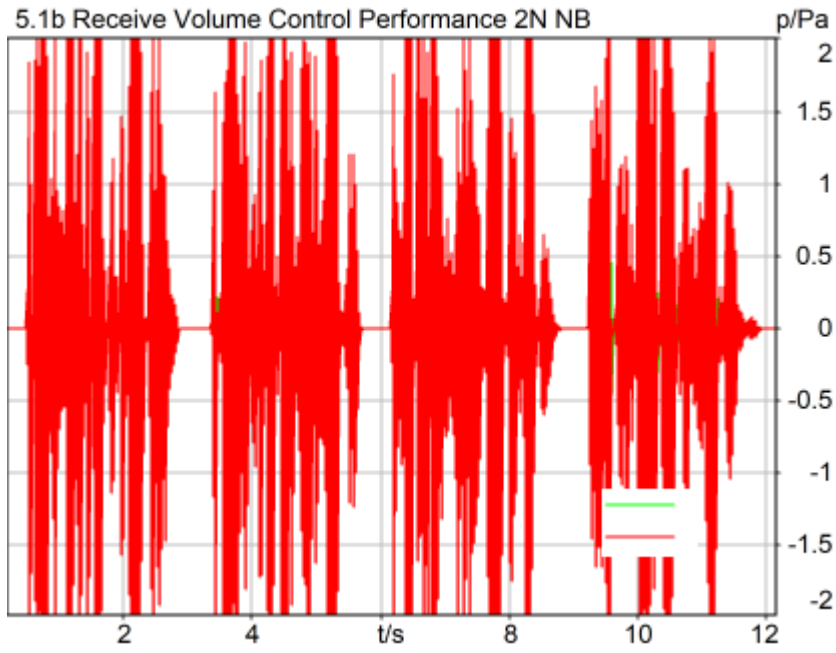
Channel	Speech level	Activity	Corrected speech level	
RCV	93.25 dB[SPL]	80.75%	23.25 dB[SPL]	Ok

Ok

2024/4/28 14:58 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N NB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
Rcv	88.16 dB[SPL]	84.49%	18.16 dB[SPL]	Ok

Ok

2024/4/28 15:07 ACQUA 6.0.200

Measurement Protocol

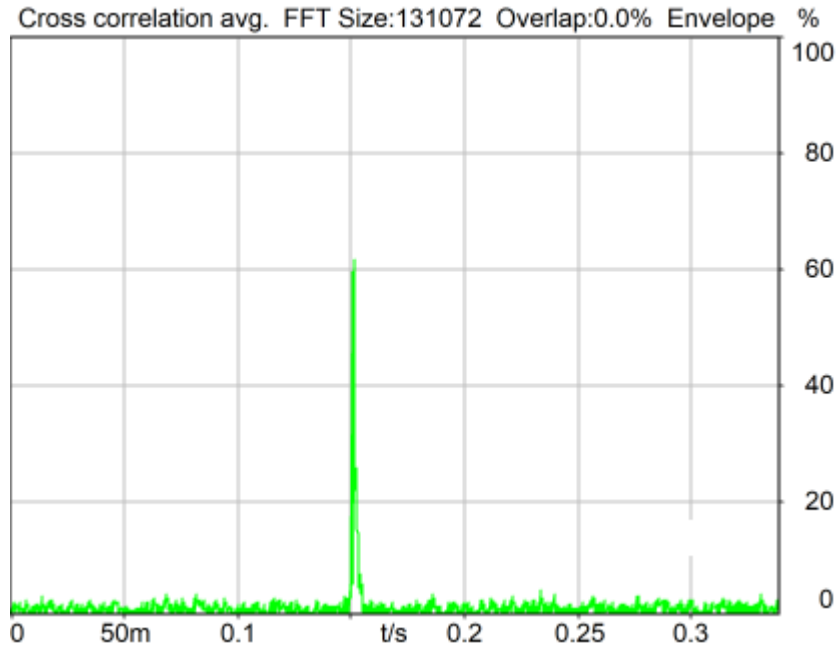
Measurement Object	FR1 n71_20_DFT-s-OFDM_EVS NB 24.4kbps_CH136100
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 16:12
Responsible Person	audio

Overall Receive Delay NB, Index: 1	3
5.1a Receive Volume Control Performance 8N NB, Index: 1	3
5.1b Receive Volume Control Performance 2N NB, Index: 1	4

Overall Receive Delay NB, Index: 1

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



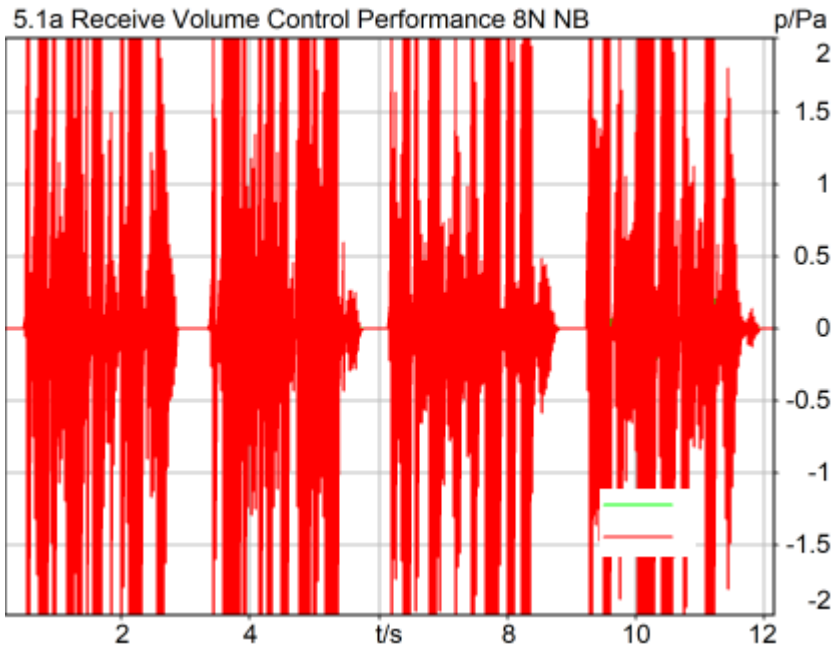
Channel	Delay
RCV*Source	151.3 ms

2024/4/28 12:27 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB, Index: 1

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



Correction

X - 70

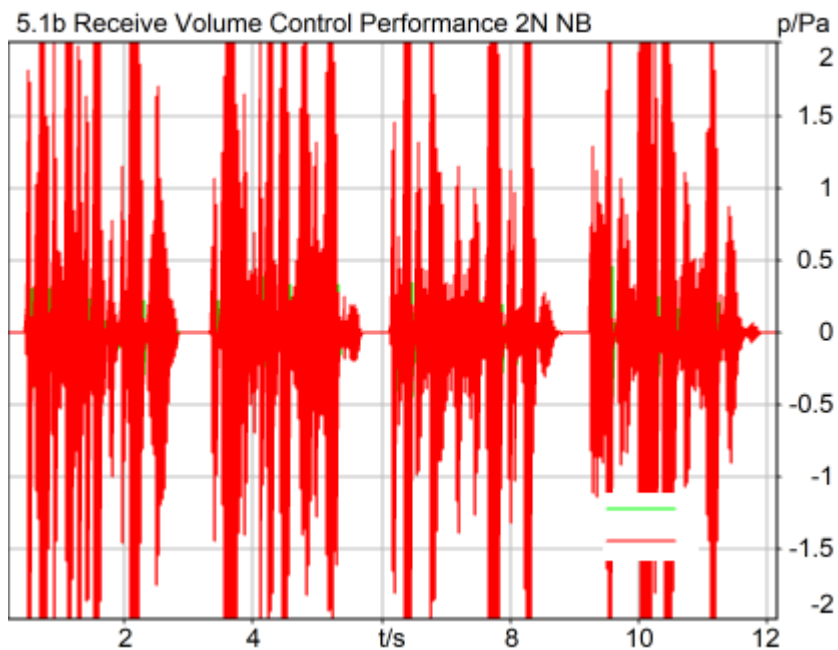
Channel	Speech level	Activity	Corrected speech level	
RCV	93.67 dB[SPL]	80.49%	23.67 dB[SPL]	Ok

Ok

2024/4/28 12:27 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N NB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	87.54 dB[SPL]	80.36%	17.54 dB[SPL]	Ok

Ok

2024/4/28 12:33 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n71_20_DFT-s-OFDM_EVS WB 9.6kbps_CH136100
Description	HMD_TA_1600#Tomcat

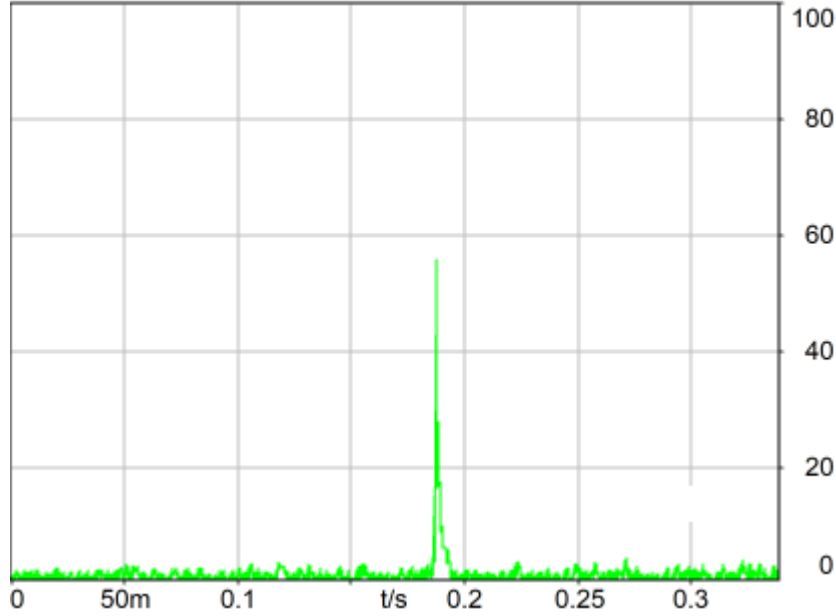
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 13:03
Responsible Person	audio

Overall Receive Delay WB, Index: 1	3
5.1a Receive Volume Control Performance 8N WB, Index: 1	3
5.1b Receive Volume Control Performance 2N WB, Index: 1	4

Overall Receive Delay WB, Index: 1

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

Cross correlation avg. FFT Size:131072 Overlap:0.0% Envelope %



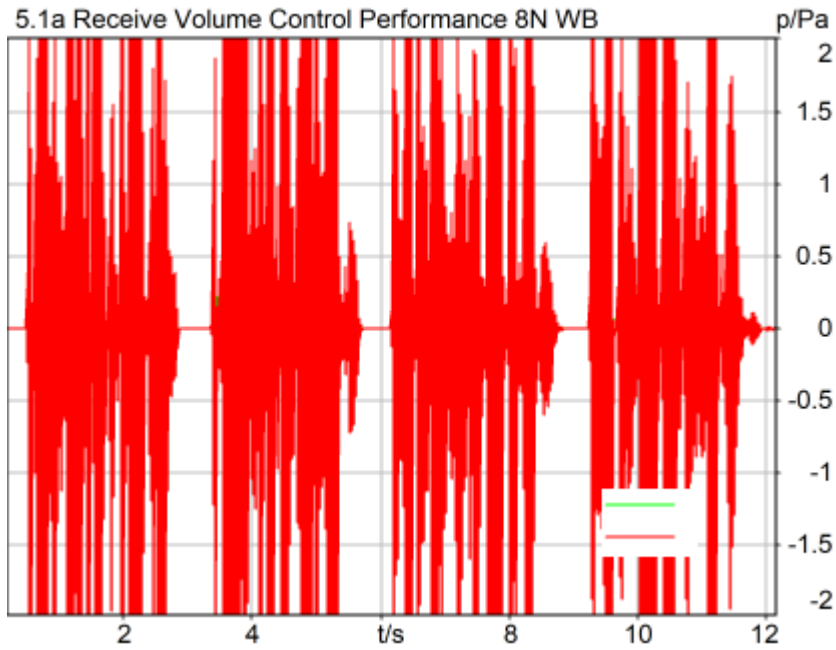
Channel	Delay
RCV*Source	188.2 ms

2024/4/28 14:38 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB, Index: 1

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



Correction

X - 70

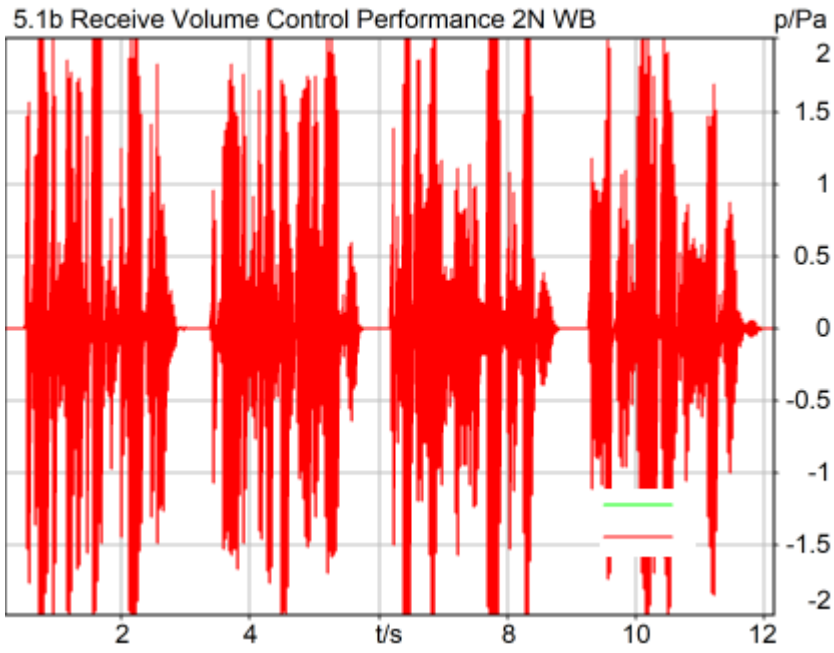
Channel	Speech level	Activity	Corrected speech level	
RCV	91.36 dB[SPL]	82.52%	21.36 dB[SPL]	Ok

Ok

2024/4/28 15:03 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N WB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	85.45 dB[SPL]	83.85%	15.45 dB[SPL]	Ok

Ok

2024/4/28 14:39 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n71_20_DFT-s-OFDM_EVS WB 24.4kbps_CH136100
Description	HMD_TA_1600#Tomcat

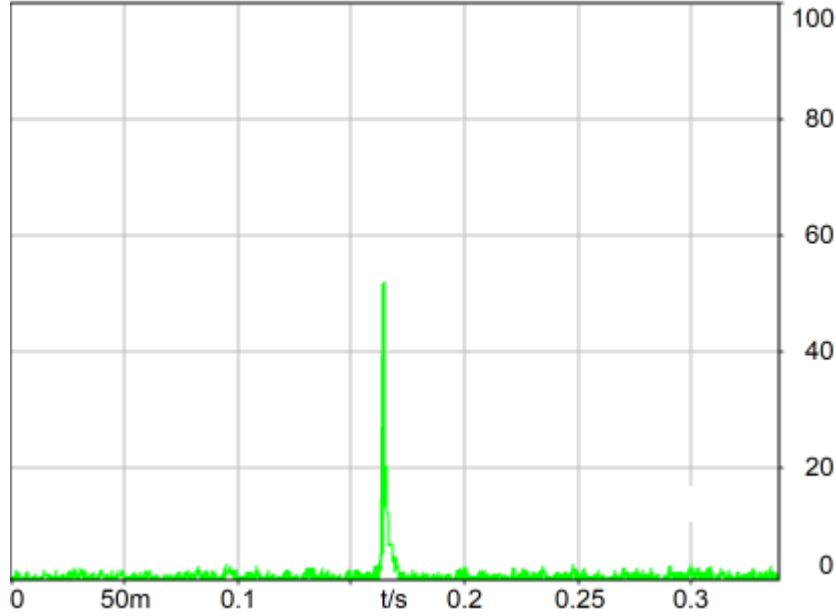
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 16:12
Responsible Person	audio

Overall Receive Delay WB, Index: 1	3
5.1a Receive Volume Control Performance 8N WB, Index: 1	3
5.1b Receive Volume Control Performance 2N WB, Index: 1	4

Overall Receive Delay WB, Index: 1

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

Cross correlation avg. FFT Size:131072 Overlap:0.0% Envelope %



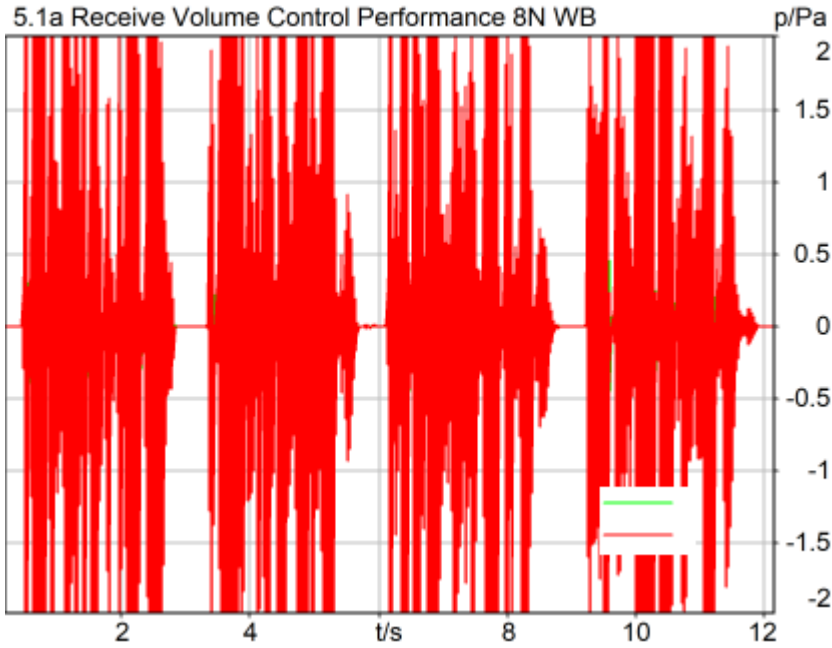
Channel	Delay
RCV*Source	165.0 ms

2024/4/28 12:39 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB, Index: 1

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



Correction

X - 70

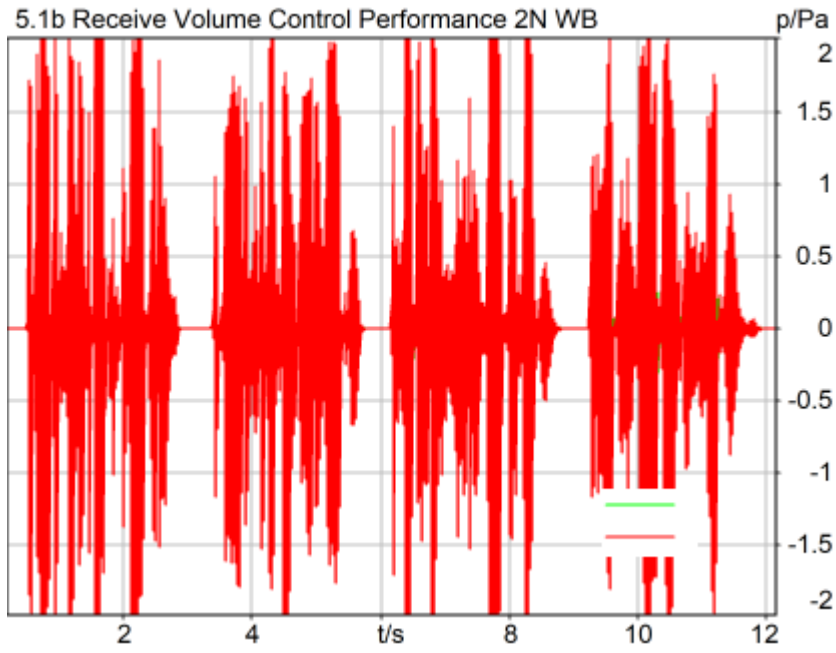
Channel	Speech level	Activity	Corrected speech level	
RCV	91.80 dB[SPL]	84.38%	21.80 dB[SPL]	Ok

Ok

2024/4/28 12:48 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N WB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	85.69 dB[SPL]	84.44%	15.69 dB[SPL]	Ok

Ok

2024/4/28 12:40 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n77_100_DFT-s-OFDM_AMR NB 4.75kbps_CH633334
Description	HMD_TA_1600#Tomcat

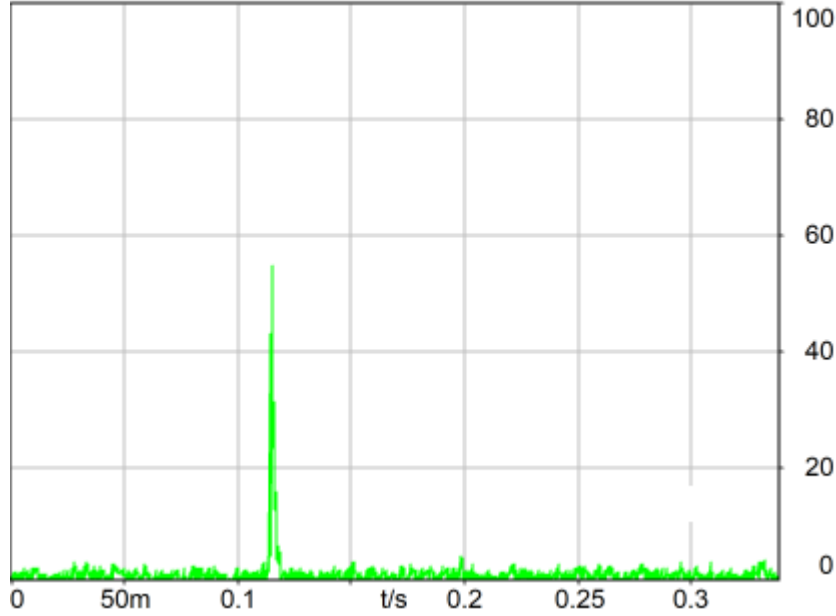
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 13:04
Responsible Person	audio

Overall Receive Delay NB, Index: 1	3
5.1a Receive Volume Control Performance 8N NB, Index: 1	3
5.1b Receive Volume Control Performance 2N NB, Index: 1	4

Overall Receive Delay NB, Index: 1

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

Cross correlation avg. FFT Size:131072 Overlap:0.0% Envelope %



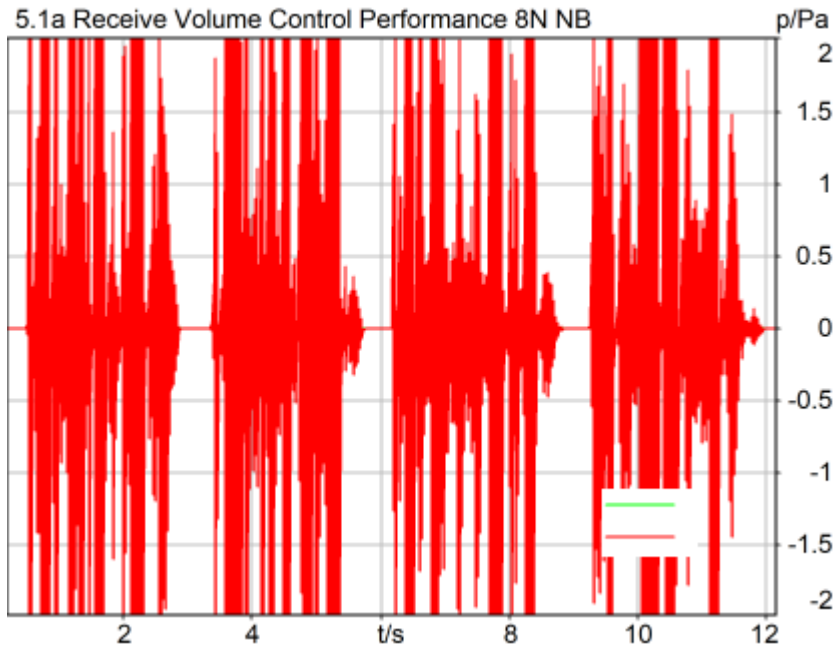
Channel	Delay
RCV*Source	115.6 ms

2024/5/14 15:34 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB, Index: 1

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



Correction

X - 70

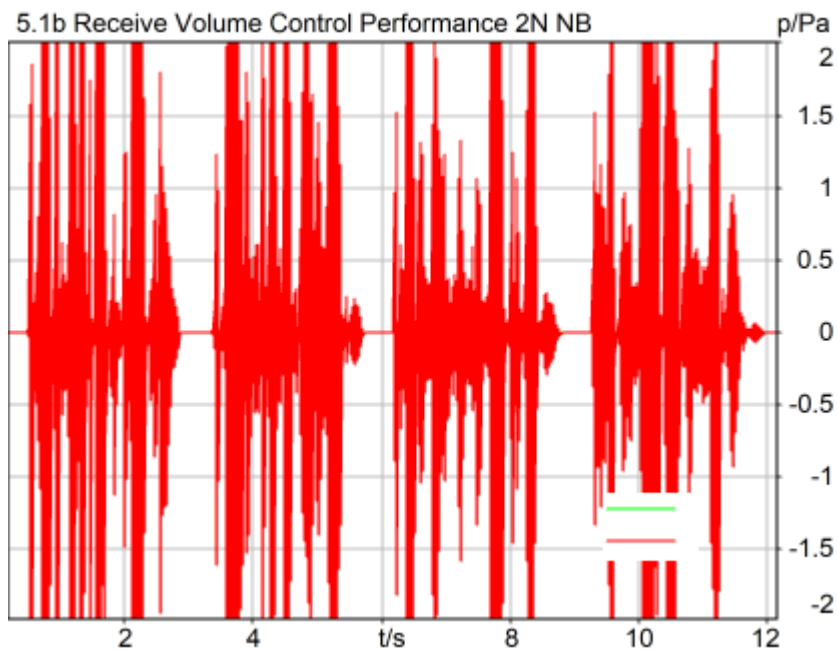
Channel	Speech level	Activity	Corrected speech level	
RCV	92.14 dB[SPL]	80.59%	22.14 dB[SPL]	Ok

Ok

2024/5/14 15:36 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N NB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	88.43 dB[SPL]	80.31%	18.43 dB[SPL]	Ok

Ok

2024/5/14 15:35 ACQUA 6.0.200

Measurement Protocol

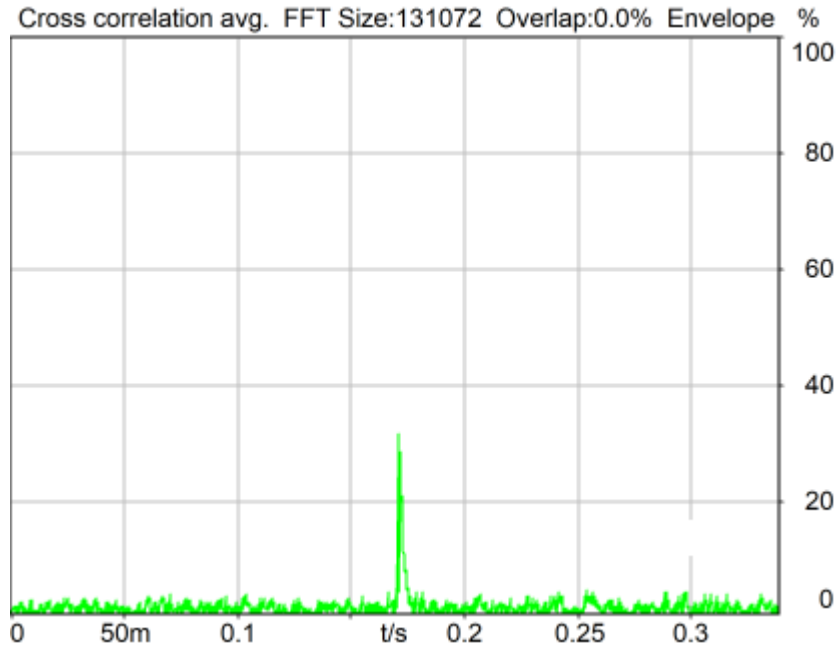
Measurement Object	FR1 n77_100_DFT-s-OFDM_AMR NB 4.75kbps_CH656000
Project	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/24 16:35
Responsible Person	audio

Overall Receive Delay NB, Index: 1	3
5.1a Receive Volume Control Performance 8N NB, Index: 1	3
5.1b Receive Volume Control Performance 2N NB, Index: 1	4

Overall Receive Delay NB, Index: 1

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



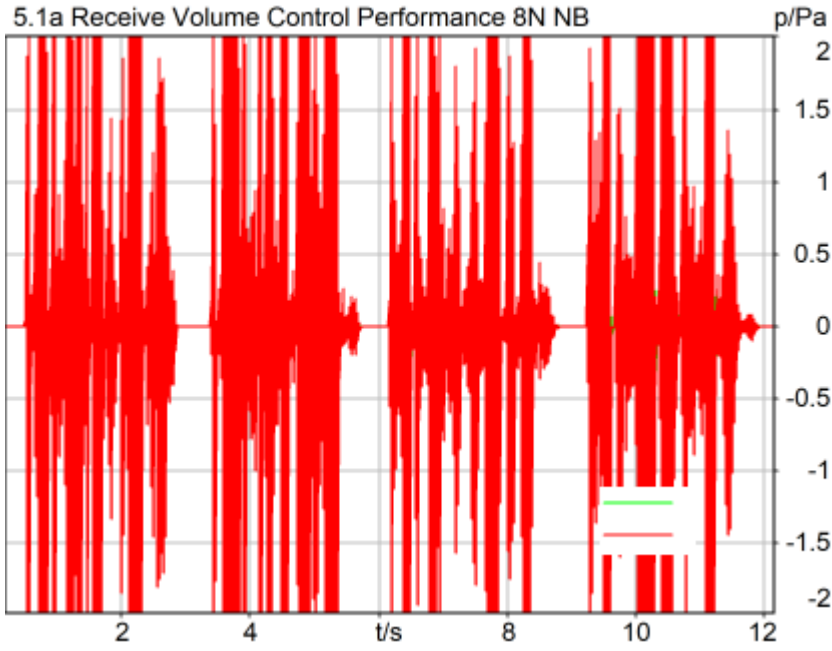
Channel	Delay
RCV*Source	171.2 ms

2024/5/24 15:33 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB, Index: 1

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



Correction

X - 70

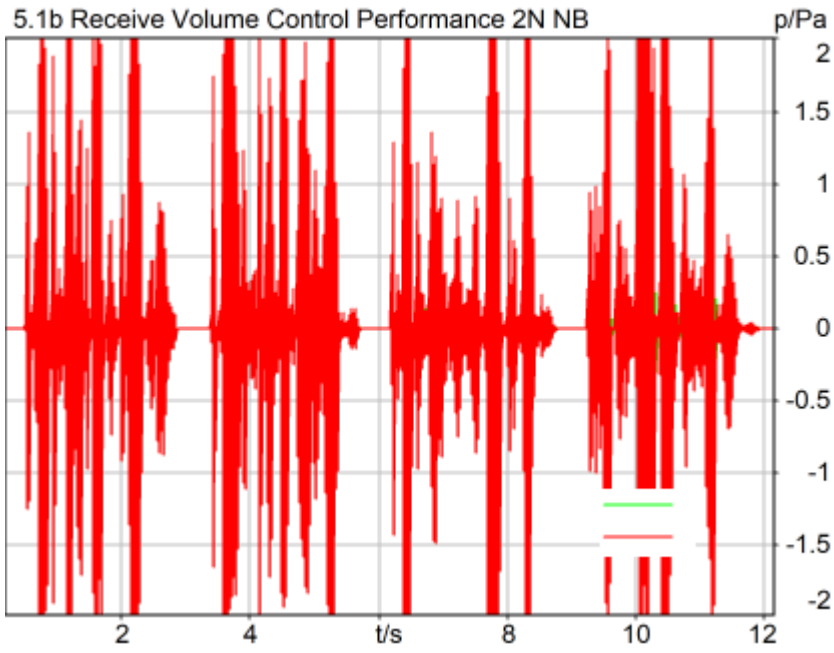
Channel	Speech level	Activity	Corrected speech level	
RCV	92.65 dB[SPL]	80.26%	22.65 dB[SPL]	Ok

Ok

2024/5/24 15:34 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N NB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.27 dB[SPL]	80.33%	16.27 dB[SPL]	Ok

Ok

2024/5/24 15:43 ACQUA 6.0.200

Measurement Protocol

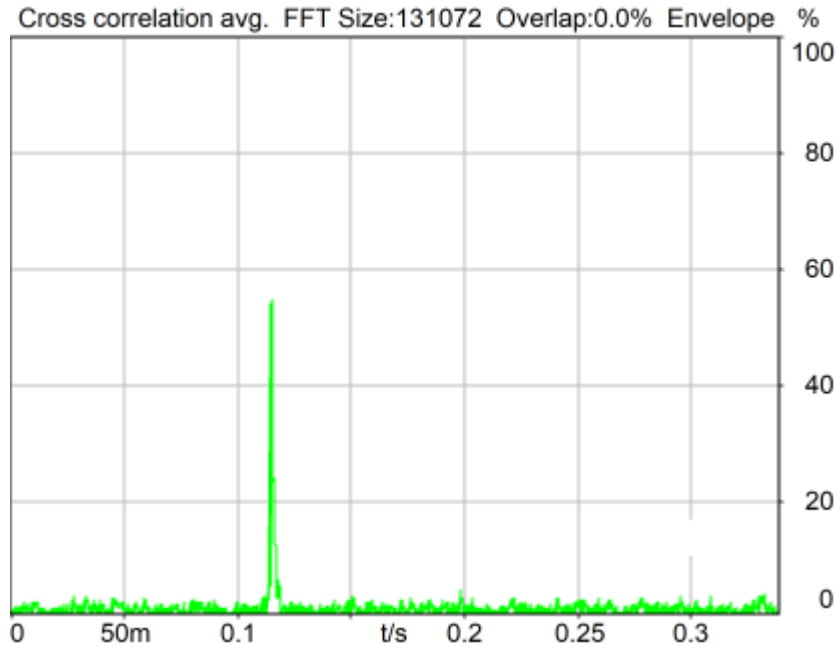
Measurement Object	FR1 n77_100_DFT-s-OFDM_AMR NB 12.2kbps_CH633334
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 13:04
Responsible Person	audio

Overall Receive Delay NB, Index: 1	3
5.1a Receive Volume Control Performance 8N NB, Index: 1	3
5.1b Receive Volume Control Performance 2N NB, Index: 1	4

Overall Receive Delay NB, Index: 1

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



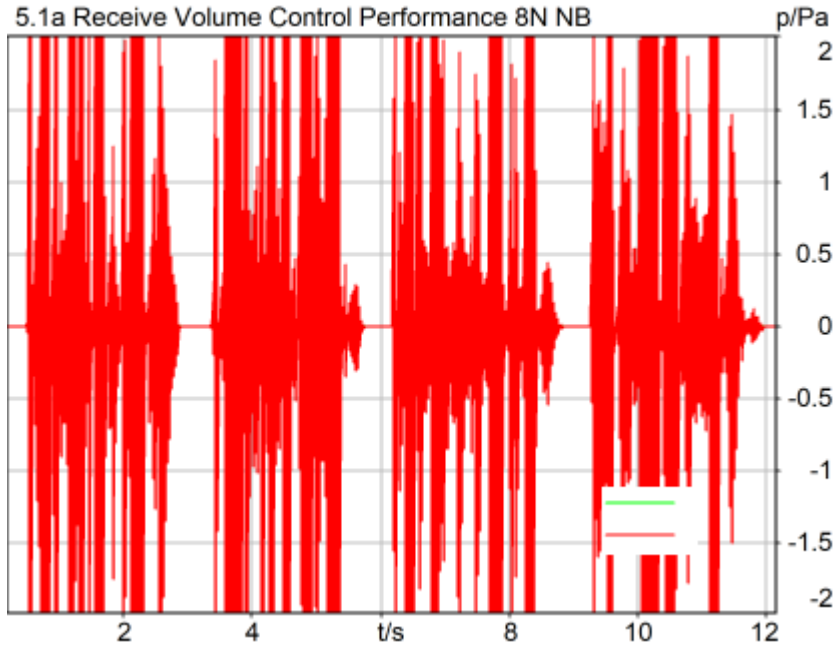
Channel	Delay
RCV*Source	115.5 ms

2024/5/14 15:33 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB, Index: 1

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



Correction

X - 70

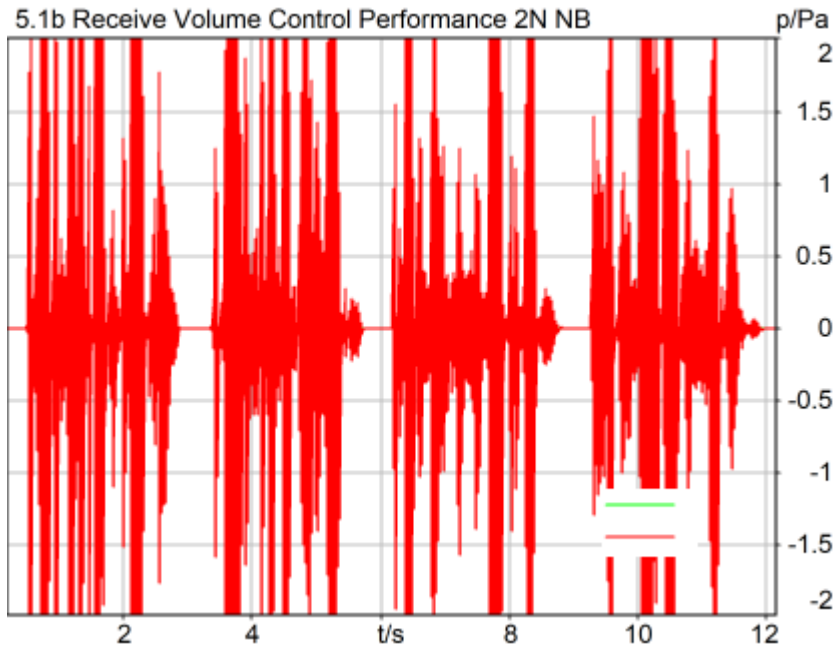
Channel	Speech level	Activity	Corrected speech level	
Rcv	92.00 dB[SPL]	80.70%	22.00 dB[SPL]	Ok

Ok

2024/5/14 15:37 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N NB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	88.37 dB[SPL]	80.25%	18.37 dB[SPL]	Ok

Ok

2024/5/14 15:33 ACQUA 6.0.200

Measurement Protocol

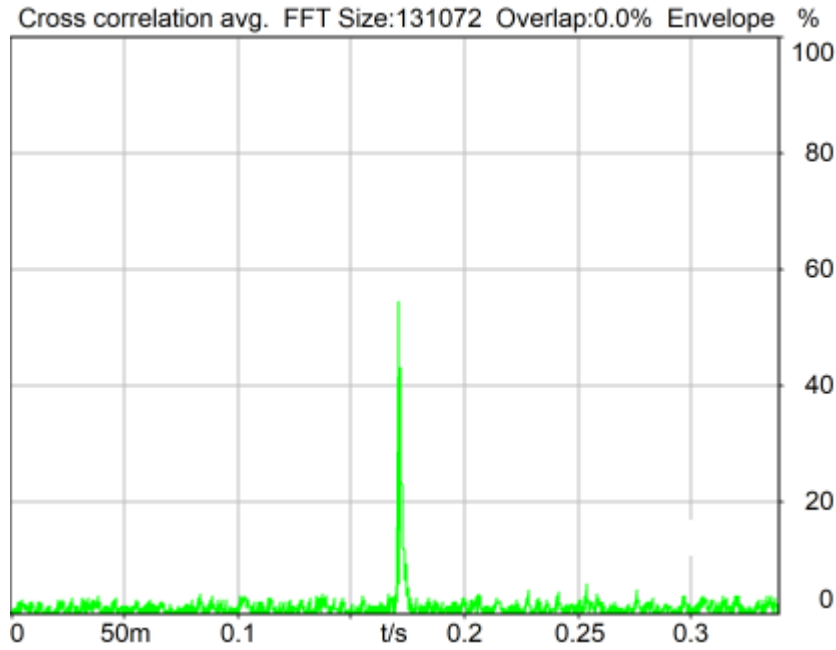
Measurement Object	FR1 n77_100_DFT-s-OFDM_AMR NB 12.2kbps_CH656000
Project	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/24 16:36
Responsible Person	audio

Overall Receive Delay NB, Index: 1	3
5.1a Receive Volume Control Performance 8N NB, Index: 1	3
5.1b Receive Volume Control Performance 2N NB, Index: 1	4

Overall Receive Delay NB, Index: 1

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



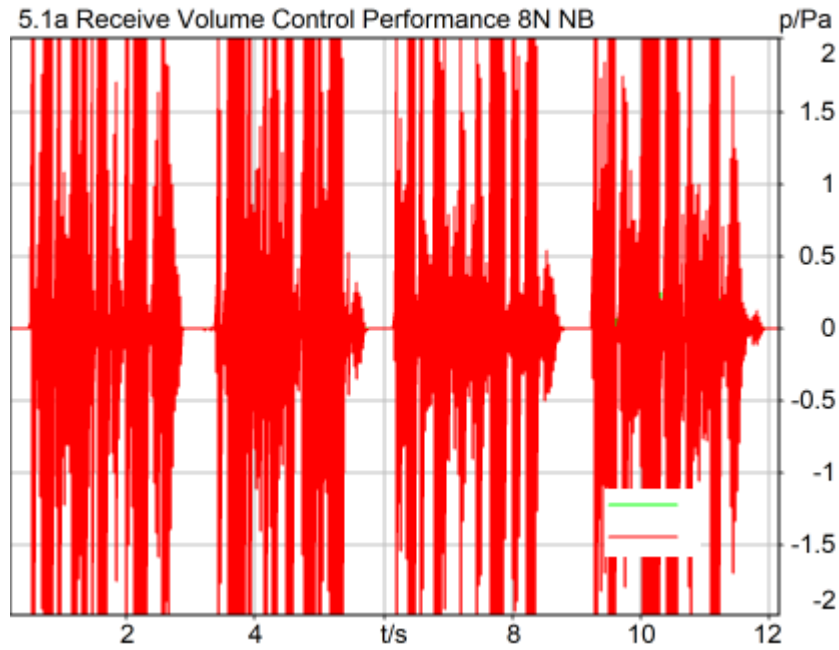
Channel	Delay
RCV*Source	171.2 ms

2024/5/24 15:35 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB, Index: 1

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



Correction

X - 70

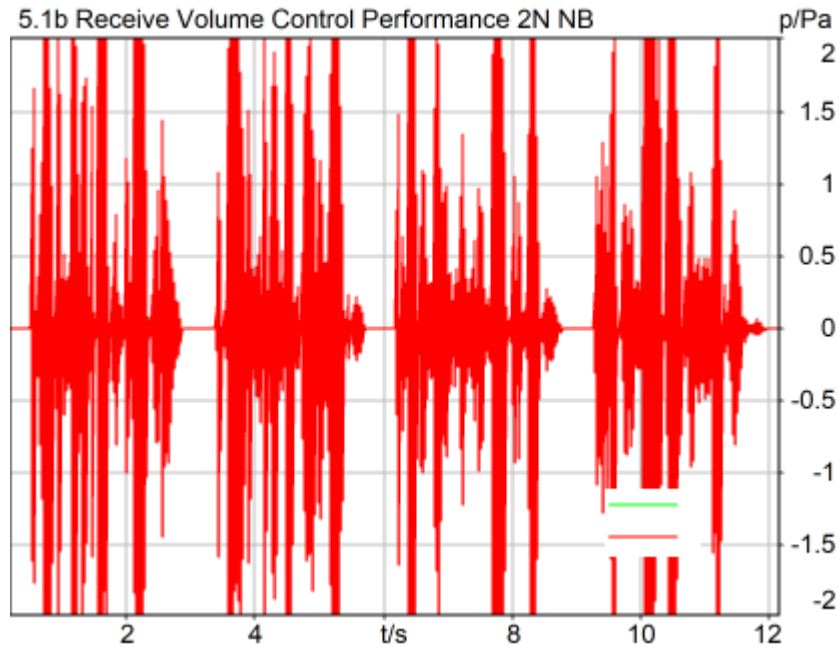
Channel	Speech level	Activity	Corrected speech level	
RCV	93.34 dB[SPL]	80.45%	23.34 dB[SPL]	Ok

Ok

2024/5/24 15:35 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N NB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	87.02 dB[SPL]	80.43%	17.02 dB[SPL]	Ok

Ok

2024/5/24 15:36 ACQUA 6.0.200

Measurement Protocol

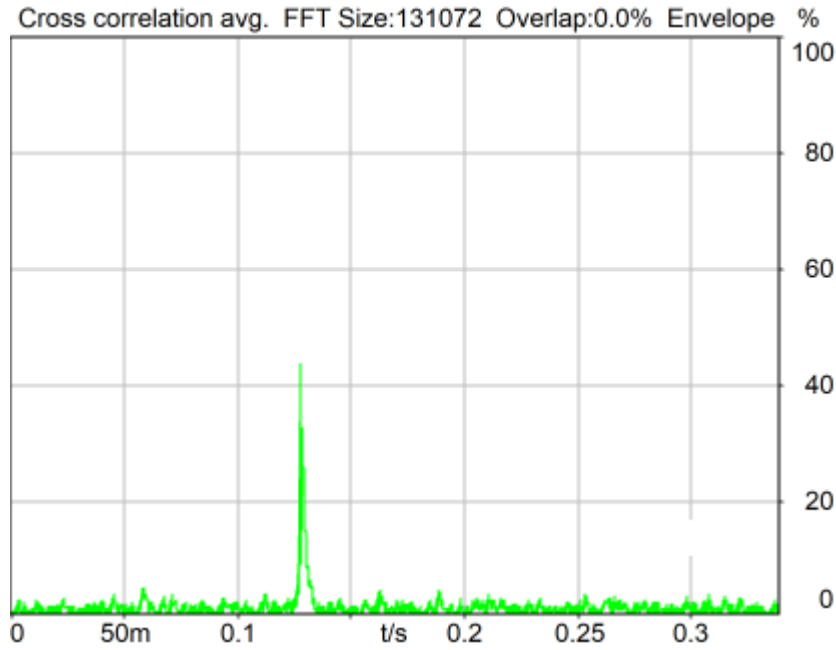
Measurement Object	FR1 n77_100_DFT-s-OFDM_AMR WB 6.6kbps_CH633334
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 13:05
Responsible Person	audio

Overall Receive Delay WB, Index: 1	3
5.1a Receive Volume Control Performance 8N WB, Index: 1	3
5.1b Receive Volume Control Performance 2N WB, Index: 1	4

Overall Receive Delay WB, Index: 1

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



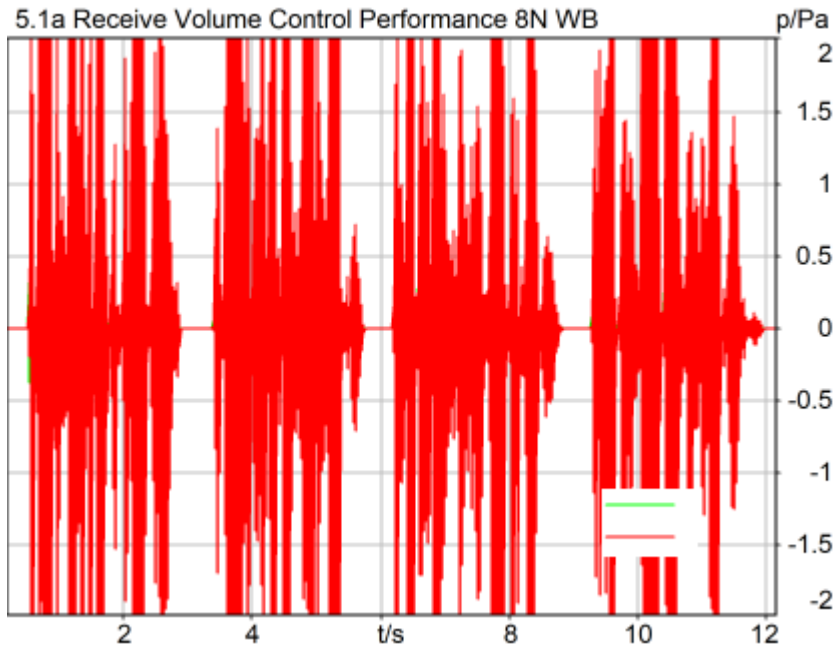
Channel	Delay
RCV*Source	128.2 ms

2024/5/14 15:40 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB, Index: 1

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



Correction

X - 70

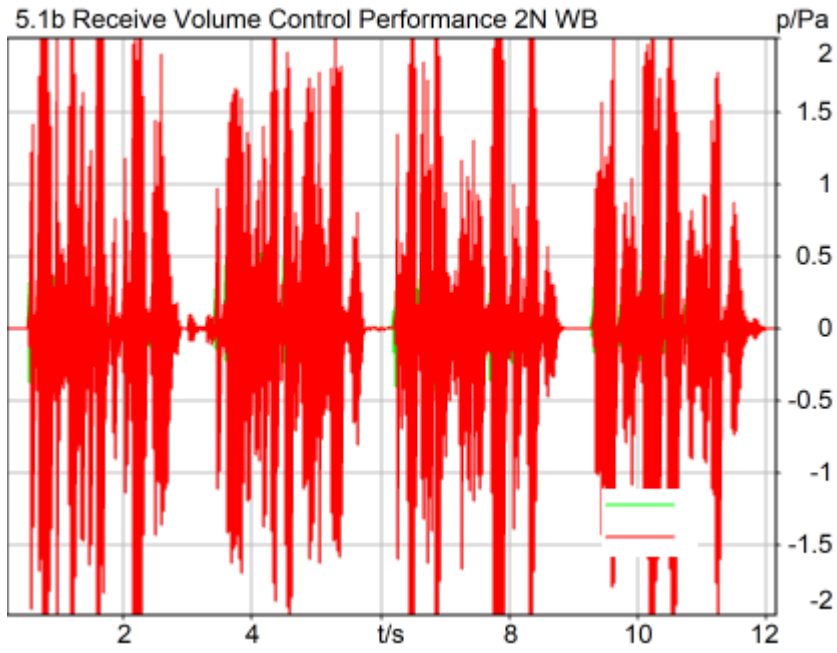
Channel	Speech level	Activity	Corrected speech level	
RCV	90.02 dB[SPL]	84.31%	20.02 dB[SPL]	Ok

Ok

2024/5/14 15:41 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N WB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	85.64 dB[SPL]	84.29%	15.64 dB[SPL]	Ok

Ok

2024/5/14 15:43 ACQUA 6.0.200

Measurement Protocol

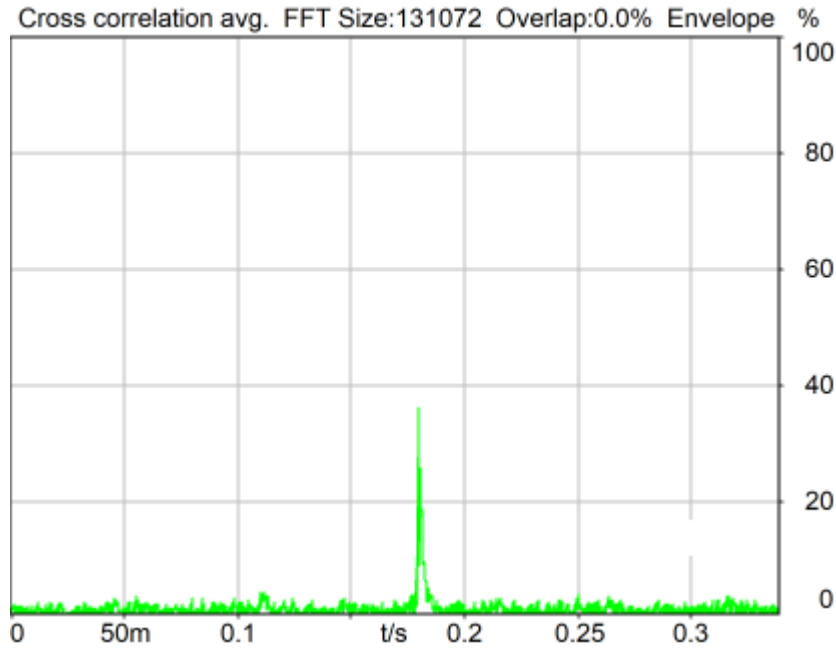
Measurement Object	FR1 n77_100_DFT-s-OFDM_AMR WB 6.6kbps_CH656000
Project	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/24 16:36
Responsible Person	audio

Overall Receive Delay WB, Index: 1	3
5.1a Receive Volume Control Performance 8N WB, Index: 1	3
5.1b Receive Volume Control Performance 2N WB, Index: 1	4

Overall Receive Delay WB, Index: 1

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



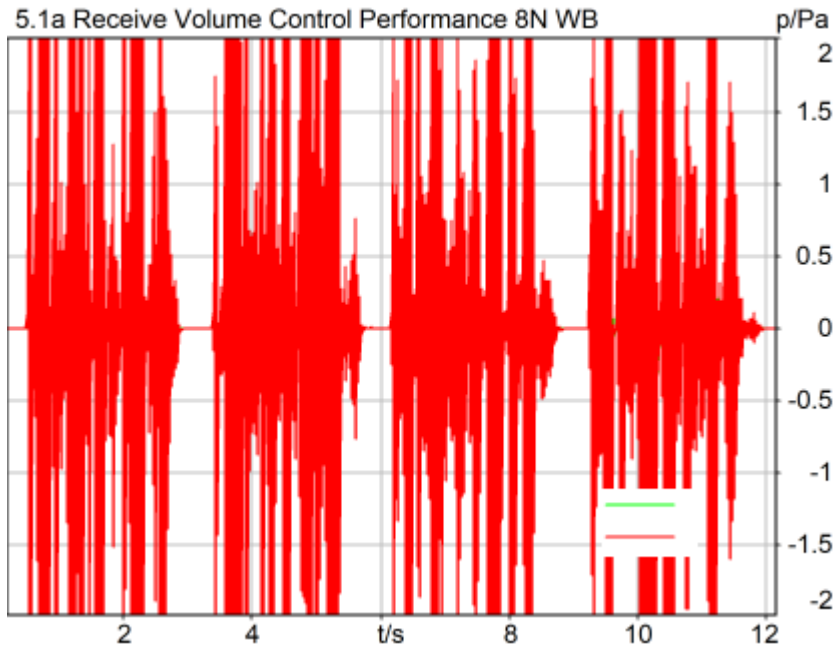
Channel	Delay
RCV*Source	180.4 ms

2024/5/24 16:11 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB, Index: 1

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



Correction

X - 70

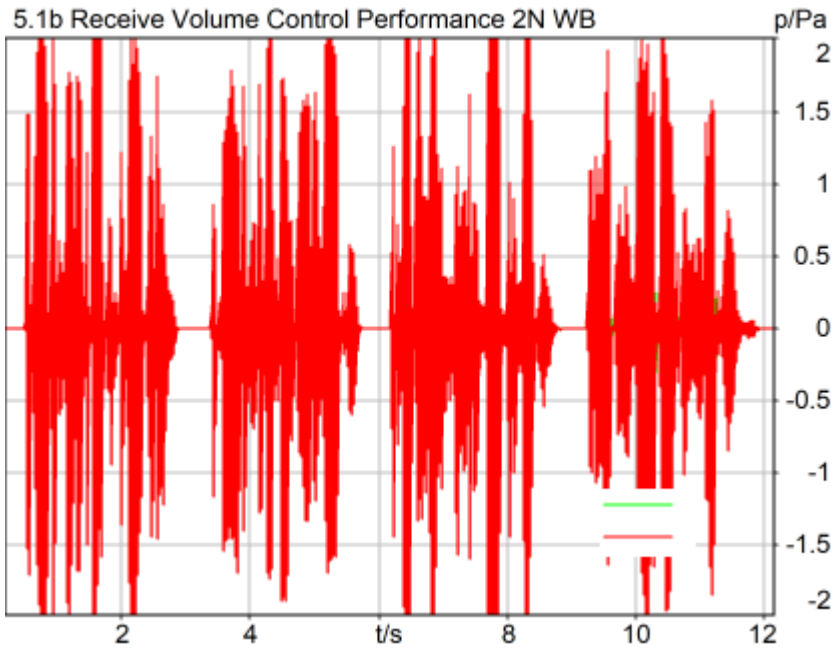
Channel	Speech level	Activity	Corrected speech level	
RCV	90.94 dB[SPL]	81.63%	20.94 dB[SPL]	Ok

Ok

2024/5/24 16:11 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N WB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	85.16 dB[SPL]	84.41%	15.16 dB[SPL]	Ok

Ok

2024/5/24 16:18 ACQUA 6.0.200

Measurement Protocol

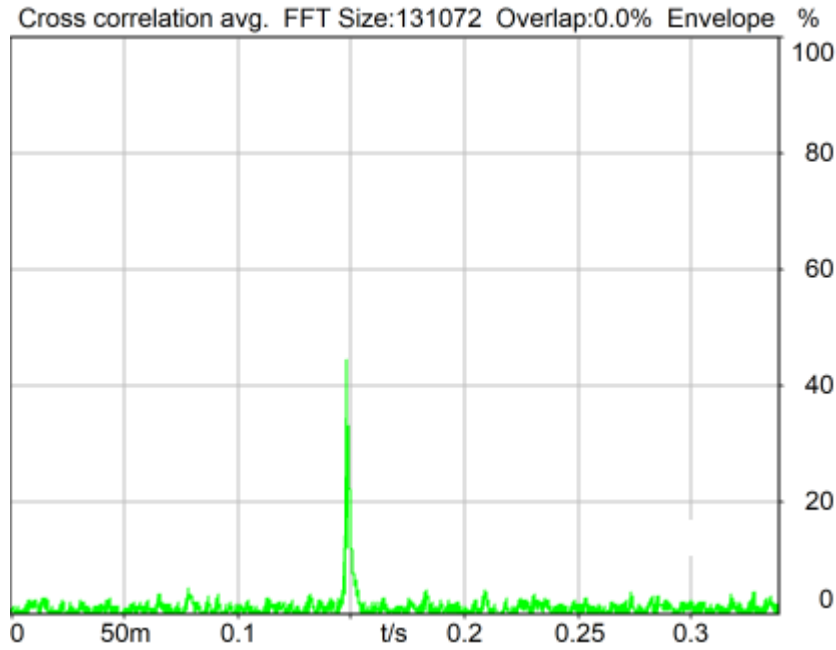
Measurement Object	FR1 n77_100_DFT-s-OFDM_AMR WB 23.85kbps_CH633334
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 13:05
Responsible Person	audio

Overall Receive Delay WB, Index: 1	3
5.1a Receive Volume Control Performance 8N WB, Index: 1	3
5.1b Receive Volume Control Performance 2N WB, Index: 1	4

Overall Receive Delay WB, Index: 1

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



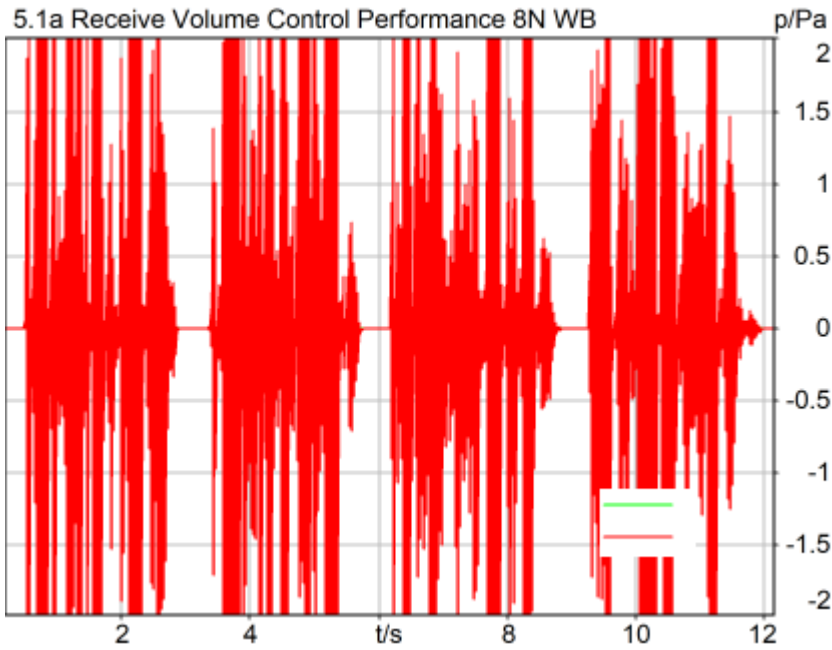
Channel	Delay
RCV*Source	148.1 ms

2024/5/14 15:40 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB, Index: 1

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



Correction

X - 70

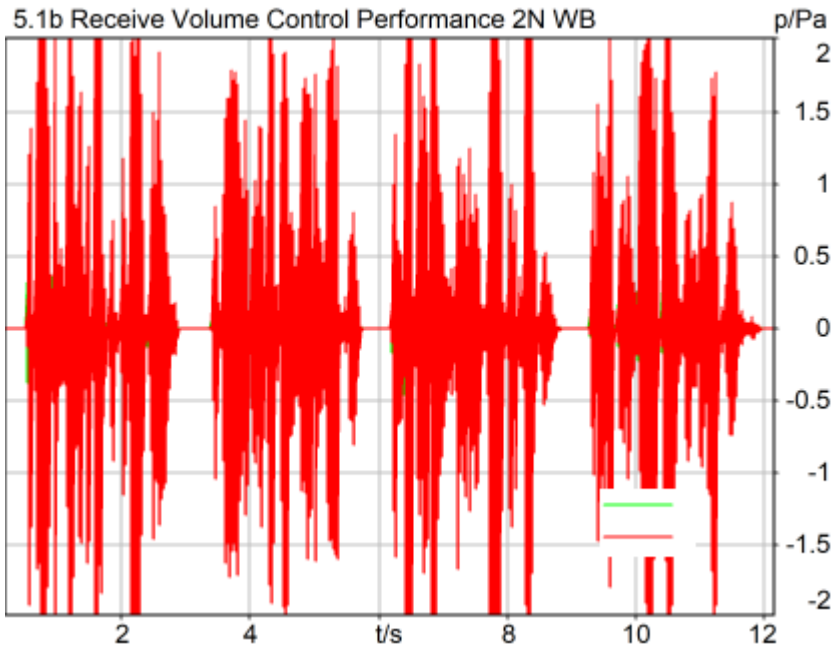
Channel	Speech level	Activity	Corrected speech level	
RCV	89.87 dB[SPL]	84.14%	19.87 dB[SPL]	Ok

Ok

2024/5/14 15:40 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N WB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	85.52 dB[SPL]	84.45%	15.52 dB[SPL]	Ok

Ok

2024/5/14 15:44 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n77_100_DFT-s-OFDM_AMR WB 23.85kbps_CH656000
Project	HMD_TA_1600#Tomcat

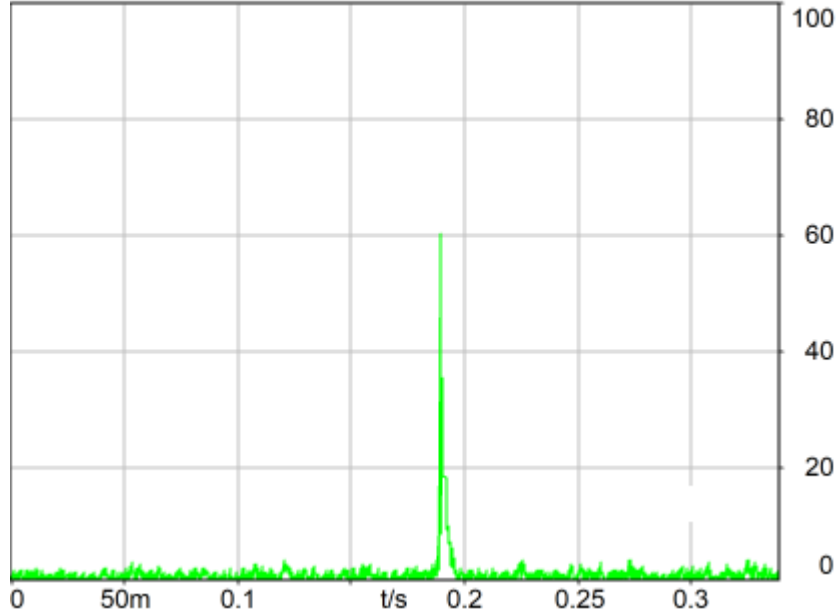
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/24 16:37
Responsible Person	audio

Overall Receive Delay WB, Index: 1	3
5.1a Receive Volume Control Performance 8N WB, Index: 1	3
5.1b Receive Volume Control Performance 2N WB, Index: 1	4

Overall Receive Delay WB, Index: 1

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

Cross correlation avg. FFT Size:131072 Overlap:0.0% Envelope %



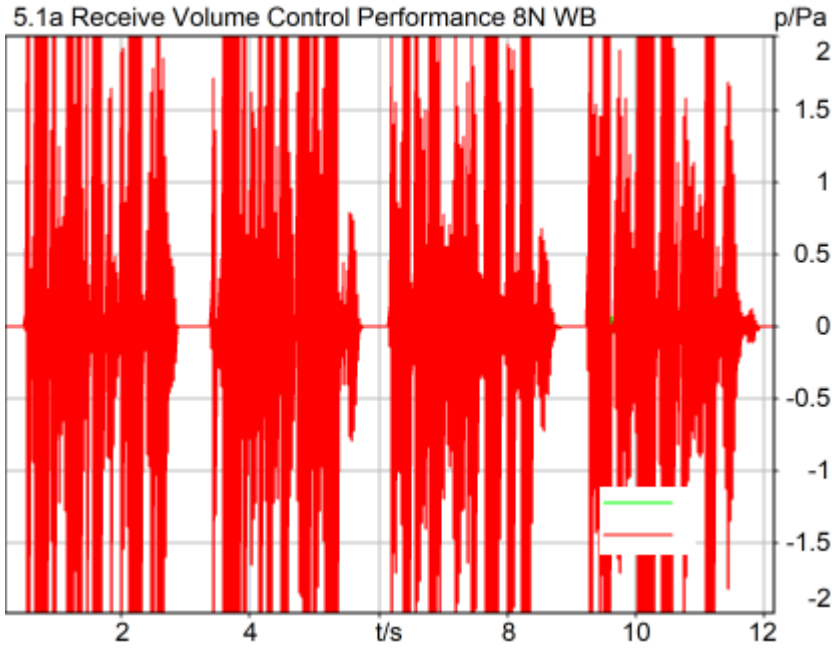
Channel	Delay
RCV*Source	190.4 ms

2024/5/24 16:12 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB, Index: 1

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



Correction

X - 70

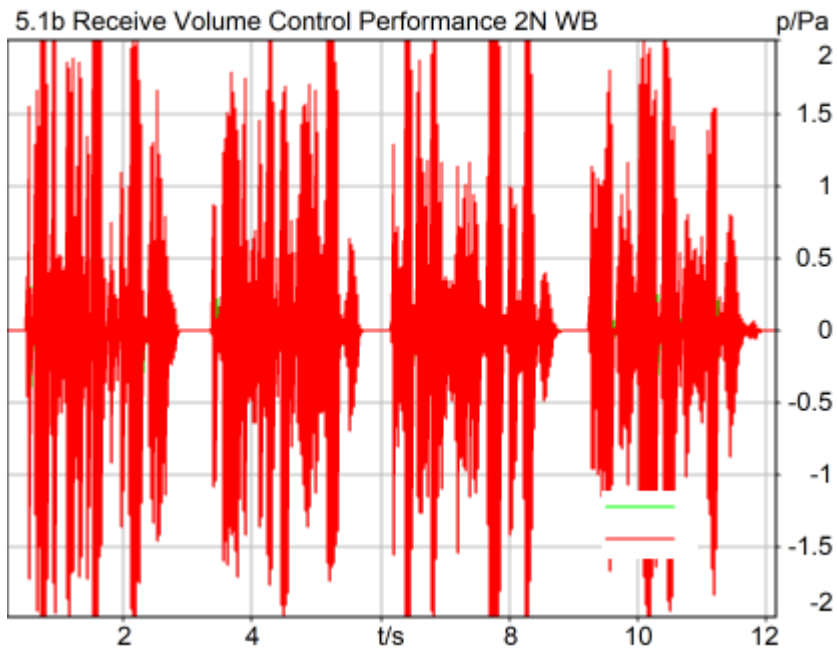
Channel	Speech level	Activity	Corrected speech level	
Rcv	91.31 dB[SPL]	84.49%	21.31 dB[SPL]	Ok

Ok

2024/5/24 16:13 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N WB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	85.13 dB[SPL]	84.35%	15.13 dB[SPL]	Ok

Ok

2024/5/24 16:14 ACQUA 6.0.200

Measurement Protocol

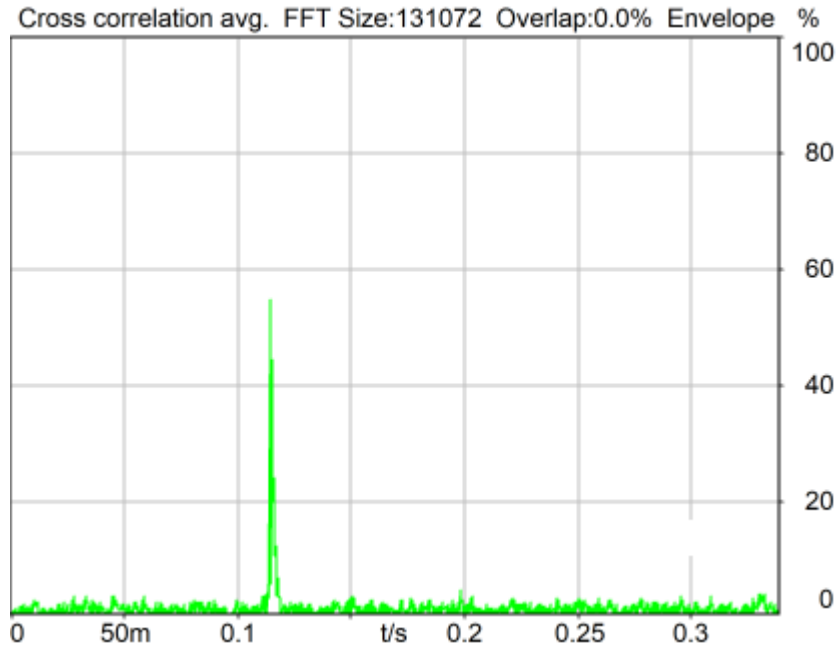
Measurement Object	FR1 n77_100_DFT-s-OFDM_EVS NB 5.9kbps_CH633334
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 13:06
Responsible Person	audio

Overall Receive Delay NB, Index: 1	3
5.1a Receive Volume Control Performance 8N NB, Index: 1	3
5.1b Receive Volume Control Performance 2N NB, Index: 1	4

Overall Receive Delay NB, Index: 1

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



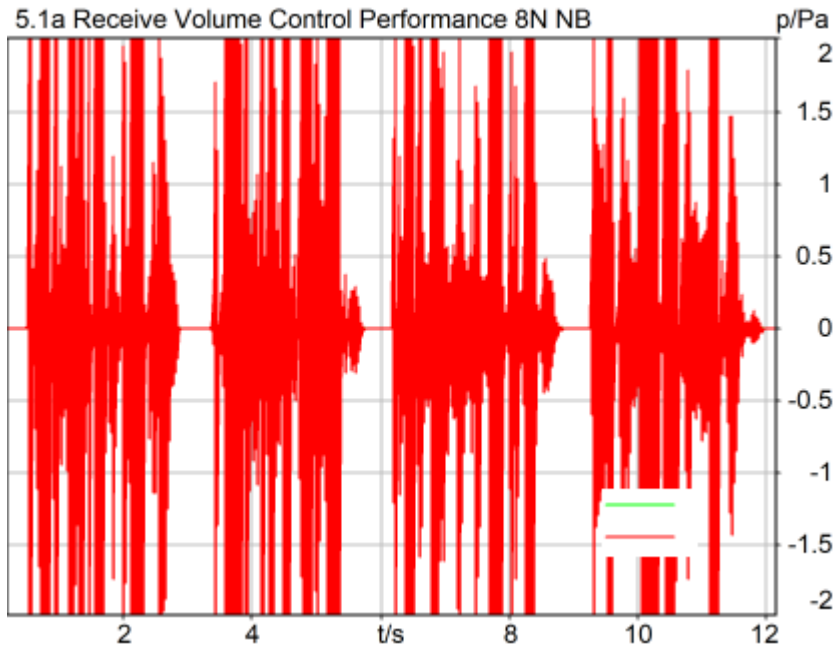
Channel	Delay
RCV*Source	115.4 ms

2024/5/14 15:32 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB, Index: 1

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



Correction

X - 70

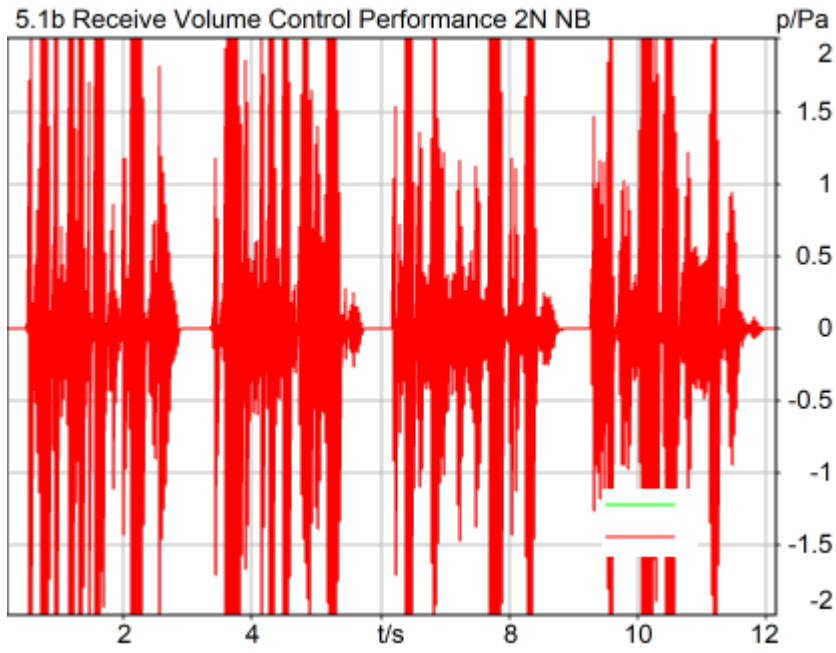
Channel	Speech level	Activity	Corrected speech level	
Rcv	92.01 dB[SPL]	80.52%	22.01 dB[SPL]	Ok

Ok

2024/5/14 15:37 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N NB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	88.38 dB[SPL]	80.33%	18.38 dB[SPL]	Ok

Ok

2024/5/14 15:32 ACQUA 6.0.200

Measurement Protocol

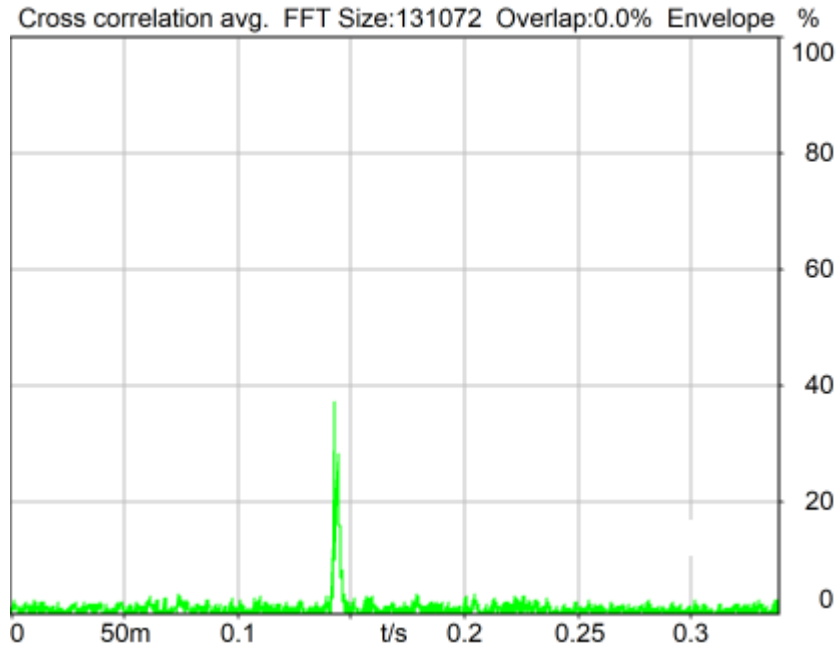
Measurement Object	FR1 n77_100_DFT-s-OFDM_EVS NB 5.9kbps_CH656000
Project	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/24 16:37
Responsible Person	audio

Overall Receive Delay NB, Index: 1	3
5.1a Receive Volume Control Performance 8N NB, Index: 1	3
5.1b Receive Volume Control Performance 2N NB, Index: 1	4

Overall Receive Delay NB, Index: 1

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



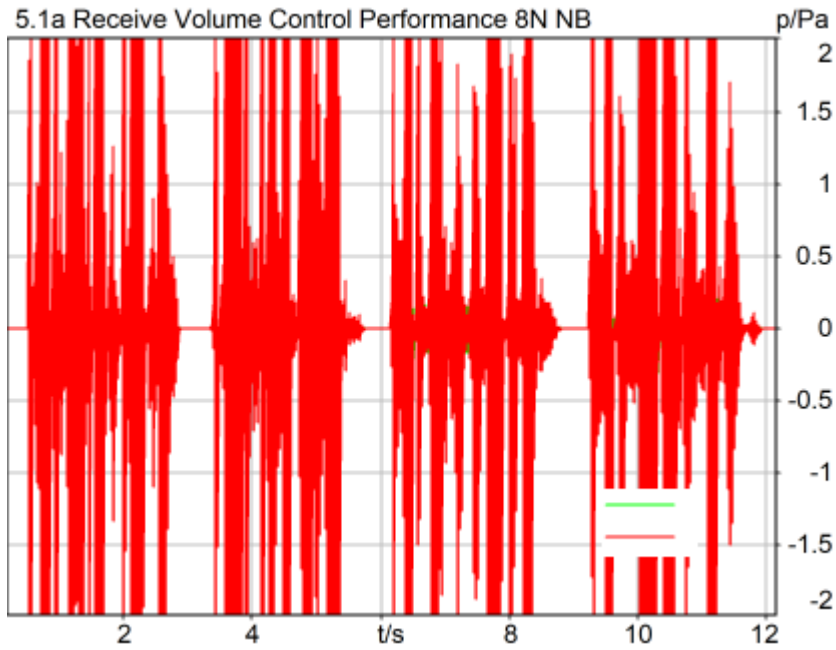
Channel	Delay
RCV*Source	143.7 ms

2024/5/24 15:32 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB, Index: 1

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



Correction

X - 70

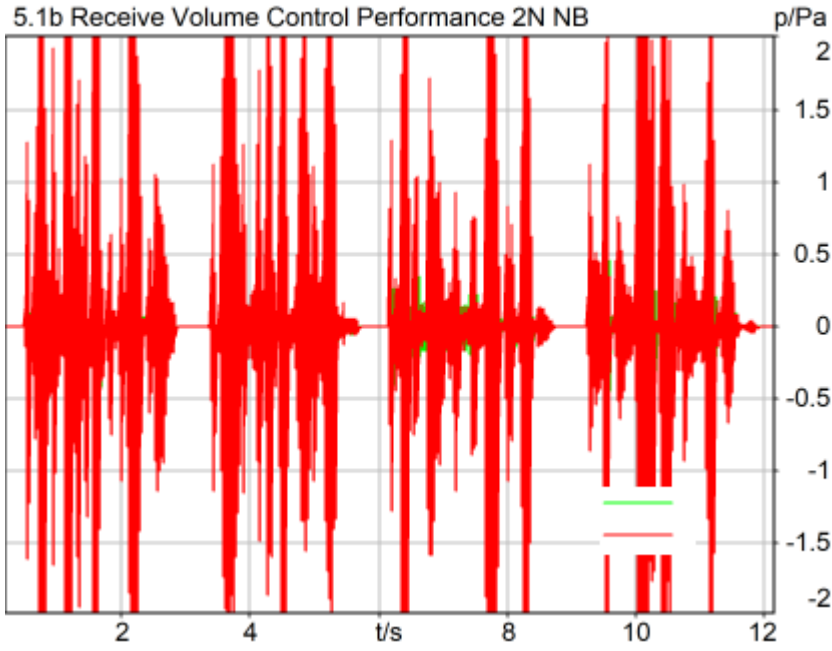
Channel	Speech level	Activity	Corrected speech level	
RCV	92.61 dB[SPL]	80.28%	22.61 dB[SPL]	Ok

Ok

2024/5/24 15:32 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N NB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.23 dB[SPL]	80.37%	16.23 dB[SPL]	Ok

Ok

2024/5/24 15:53 ACQUA 6.0.200

Measurement Protocol

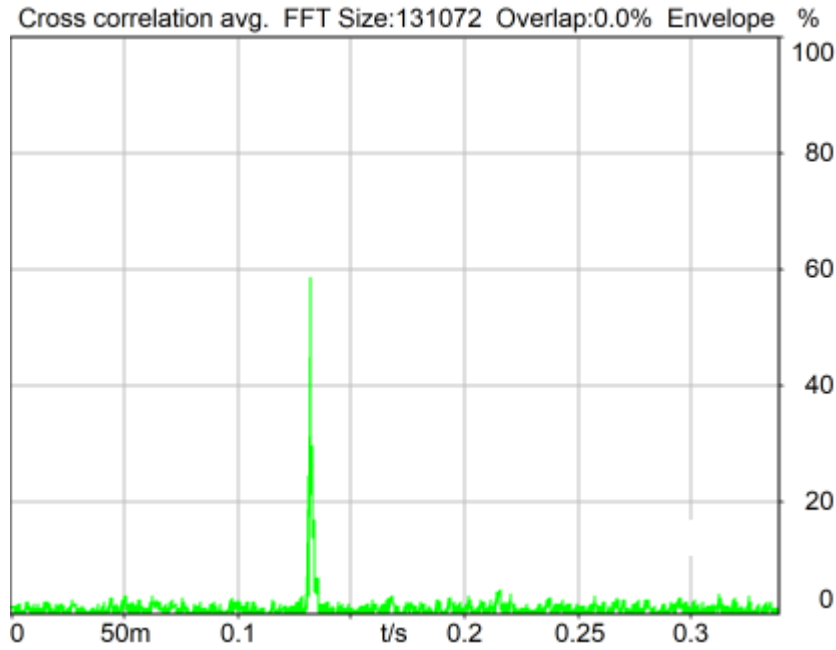
Measurement Object	FR1 n77_100_DFT-s-OFDM_EVS NB 24.4kbps_CH633334
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 16:13
Responsible Person	audio

Overall Receive Delay NB, Index: 1	3
5.1a Receive Volume Control Performance 8N NB, Index: 1	3
5.1b Receive Volume Control Performance 2N NB, Index: 1	4

Overall Receive Delay NB, Index: 1

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

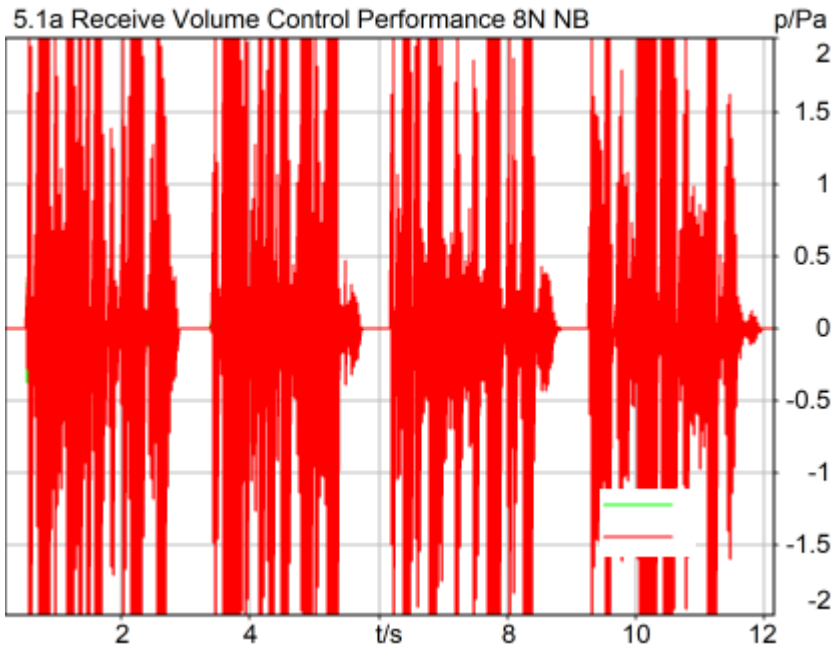


Channel	Delay
RCV*Source	132.3 ms

2024/5/14 15:11 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB, Index: 1

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



Correction

X - 70

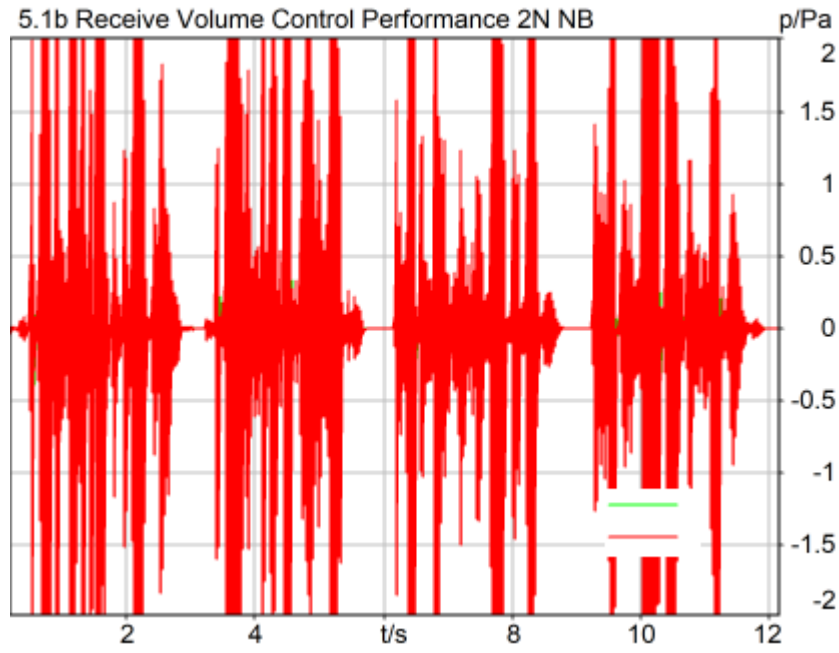
Channel	Speech level	Activity	Corrected speech level	
RCV	92.73 dB[SPL]	80.56%	22.73 dB[SPL]	Ok

Ok

2024/5/14 15:11 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N NB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	88.36 dB[SPL]	80.27%	18.36 dB[SPL]	Ok

Ok

2024/5/14 15:18 ACQUA 6.0.200

Measurement Protocol

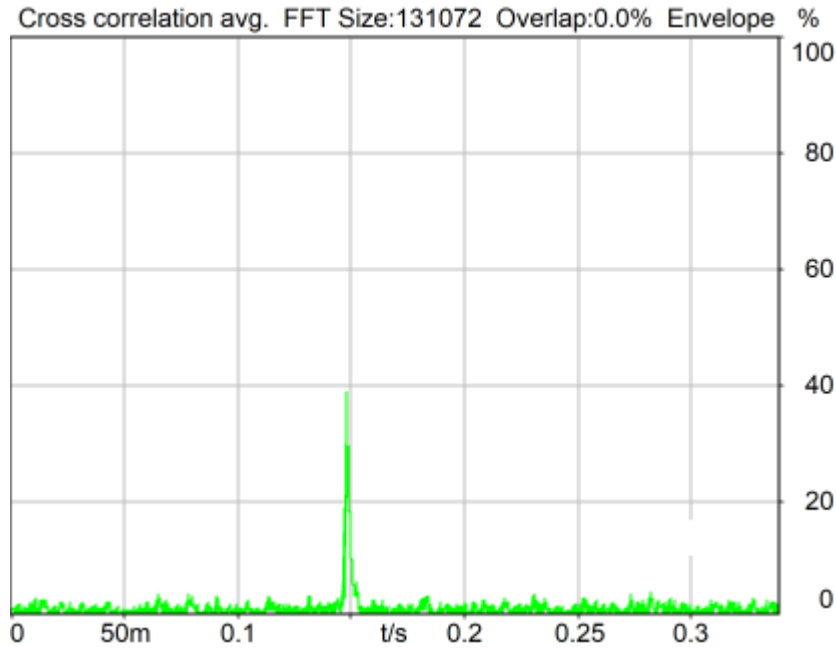
Measurement Object	FR1 n77_100_DFT-s-OFDM_EVS WB 9.6kbps_CH633334
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 13:06
Responsible Person	audio

Overall Receive Delay WB, Index: 1	3
5.1a Receive Volume Control Performance 8N WB, Index: 1	3
5.1b Receive Volume Control Performance 2N WB, Index: 1	4

Overall Receive Delay WB, Index: 1

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



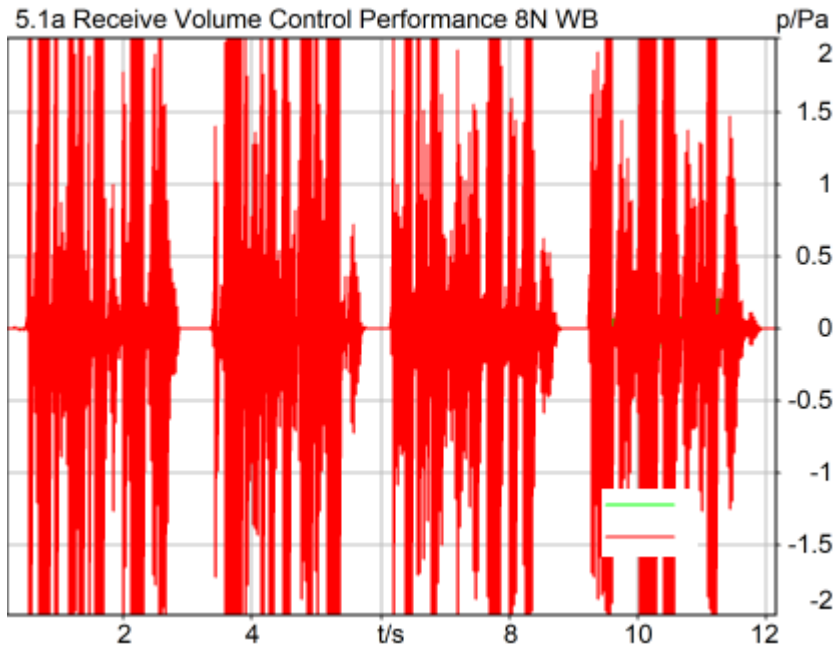
Channel	Delay
RCV*Source	148.0 ms

2024/5/14 15:39 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB, Index: 1

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



Correction

X - 70

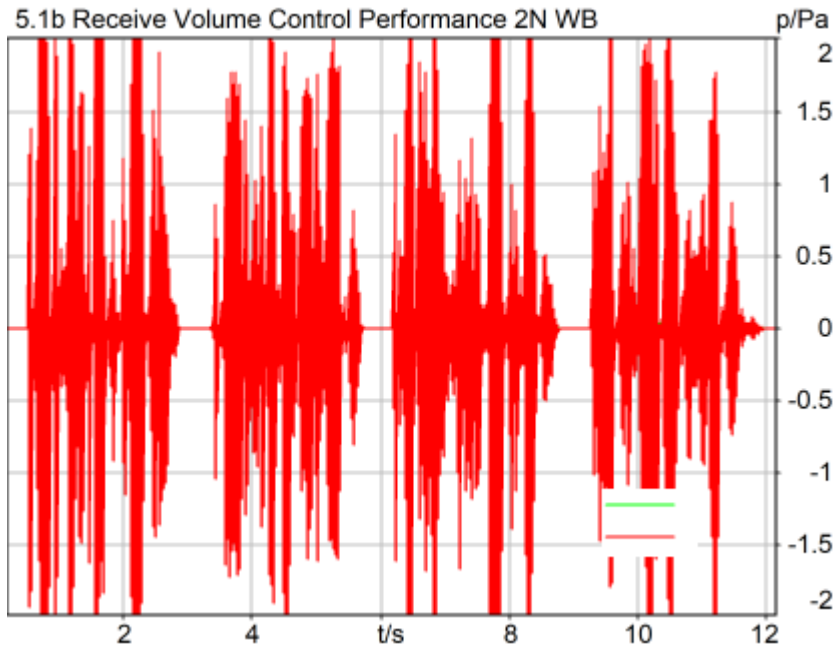
Channel	Speech level	Activity	Corrected speech level	
RCV	89.86 dB[SPL]	84.18%	19.86 dB[SPL]	Ok

Ok

2024/5/14 15:39 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N WB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
Rcv	85.58 dB[SPL]	84.24%	15.58 dB[SPL]	Ok

Ok

2024/5/14 15:44 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n77_100_DFT-s-OFDM_EVS WB 9.6kbps_CH656000
Project	HMD_TA_1600#Tomcat

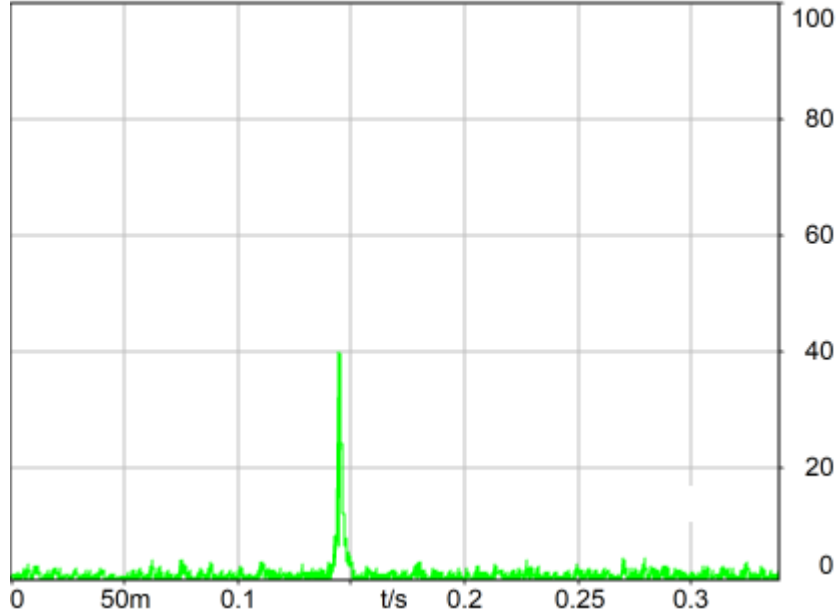
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/24 16:38
Responsible Person	audio

Overall Receive Delay WB, Index: 1	3
5.1a Receive Volume Control Performance 8N WB, Index: 1	3
5.1b Receive Volume Control Performance 2N WB, Index: 1	4

Overall Receive Delay WB, Index: 1

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

Cross correlation avg. FFT Size:131072 Overlap:0.0% Envelope %



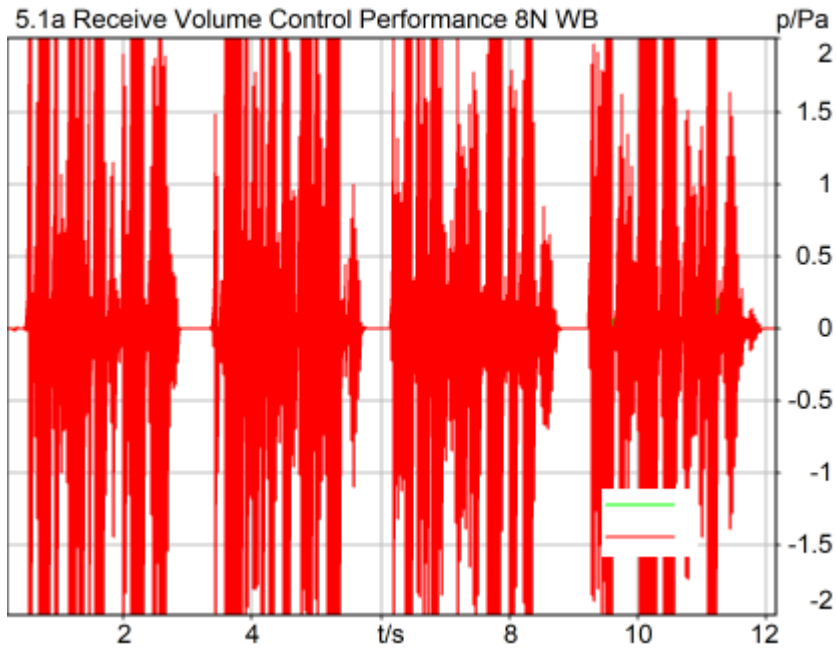
Channel	Delay
RCV*Source	144.9 ms

2024/5/24 16:09 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB, Index: 1

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



Correction

X - 70

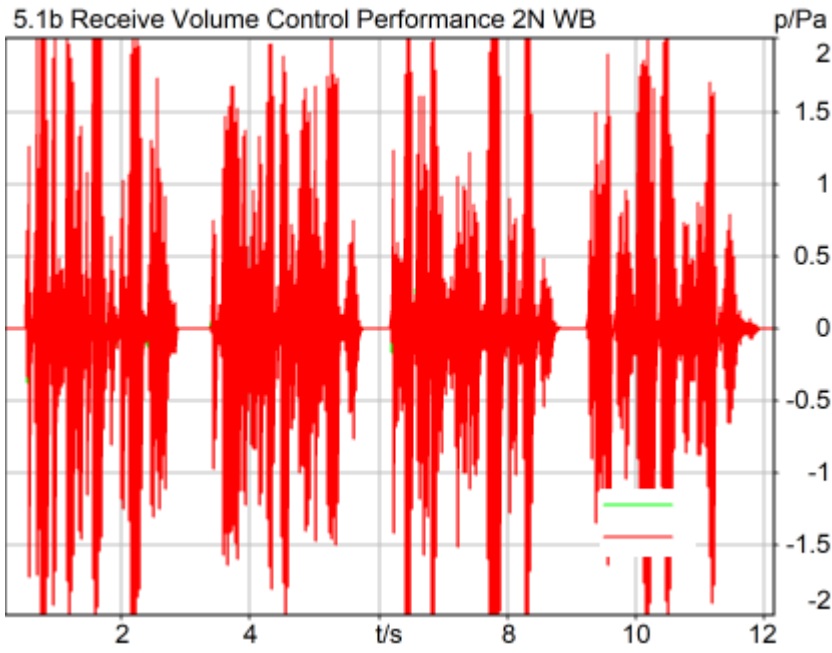
Channel	Speech level	Activity	Corrected speech level	
RCV	91.13 dB[SPL]	84.49%	21.13 dB[SPL]	Ok

Ok

2024/5/24 16:09 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N WB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	85.02 dB[SPL]	84.44%	15.02 dB[SPL]	Ok

Ok

2024/5/24 16:19 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n77_100_DFT-s-OFDM_EVS WB 24.4kbps_CH633334
Description	HMD_TA_1600#Tomcat

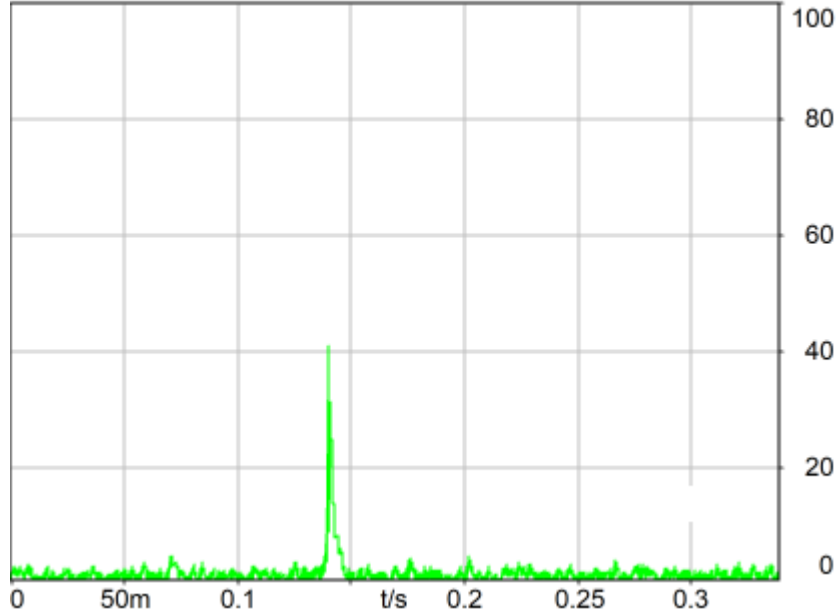
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 16:14
Responsible Person	audio

Overall Receive Delay WB, Index: 1	3
5.1a Receive Volume Control Performance 8N WB, Index: 1	3
5.1b Receive Volume Control Performance 2N WB, Index: 1	4

Overall Receive Delay WB, Index: 1

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

Cross correlation avg. FFT Size:131072 Overlap:0.0% Envelope %



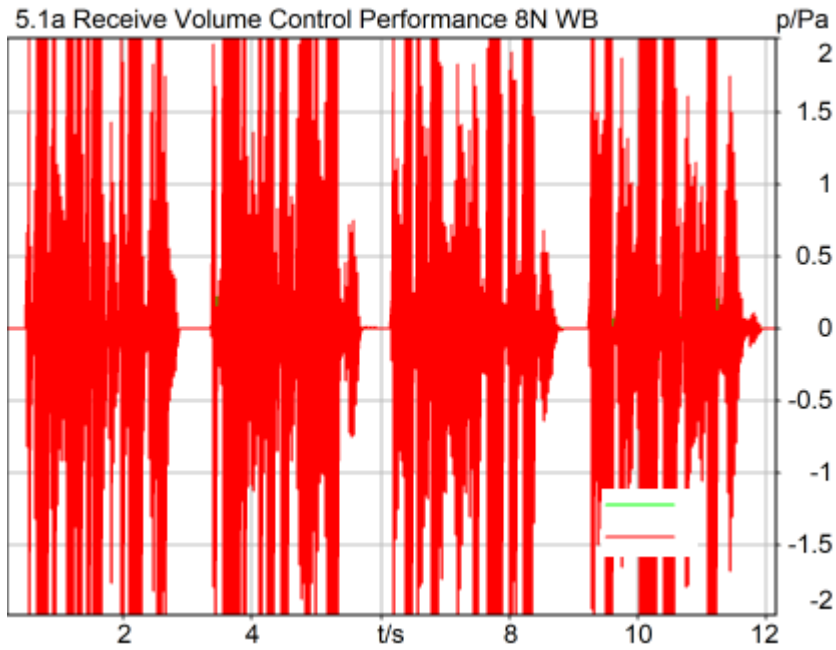
Channel	Delay
RCV*Source	141.1 ms

2024/5/14 14:52 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB, Index: 1

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



Correction

X - 70

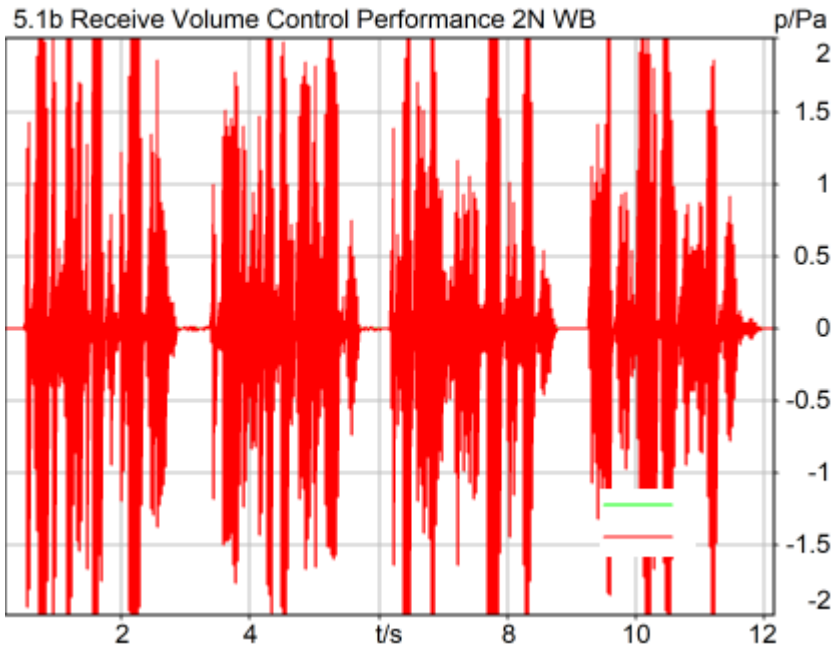
Channel	Speech level	Activity	Corrected speech level	
RCV	90.84 dB[SPL]	83.59%	20.84 dB[SPL]	Ok

Ok

2024/5/14 15:03 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N WB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	85.89 dB[SPL]	84.10%	15.89 dB[SPL]	Ok

Ok

2024/5/14 14:52 ACQUA 6.0.200

Measurement Protocol

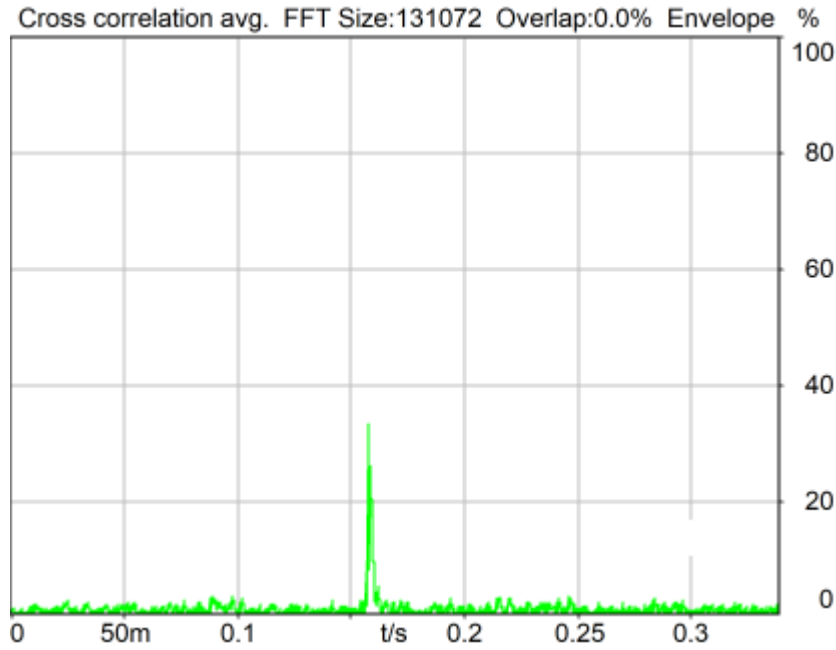
Measurement Object	FR1 n78_100_DFT-s-OFDM_AMR NB 4.75kbps_CH633334
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 13:07
Responsible Person	audio

Overall Receive Delay NB, Index: 1	3
5.1a Receive Volume Control Performance 8N NB, Index: 1	3
5.1b Receive Volume Control Performance 2N NB, Index: 1	4

Overall Receive Delay NB, Index: 1

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

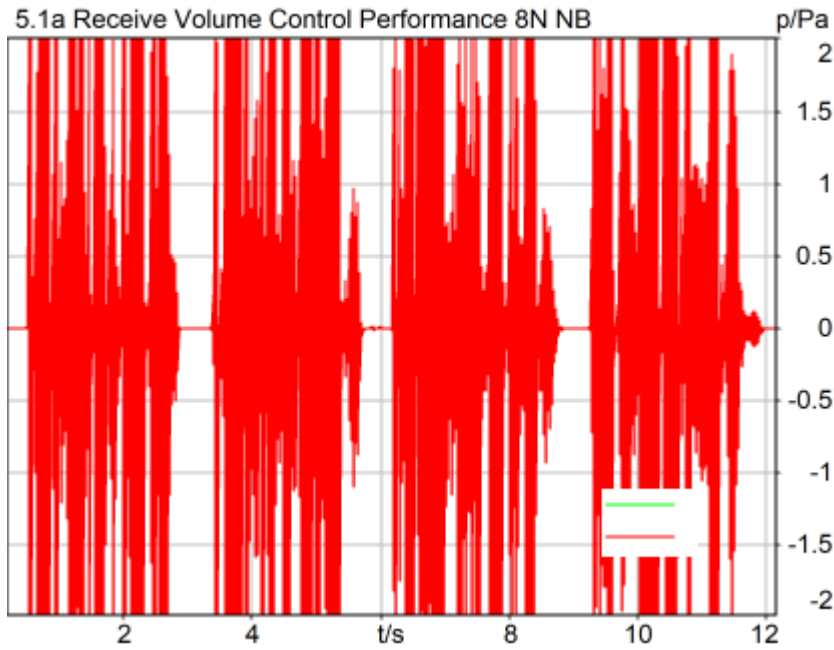


Channel	Delay
RCV*Source	158.4 ms

2024/5/14 14:40 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB, Index: 1

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



Correction

X - 70

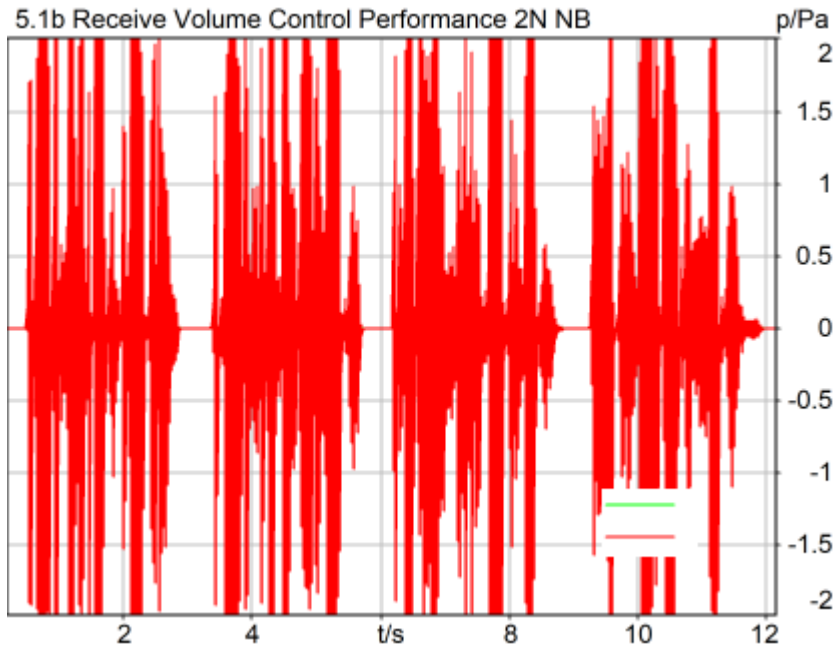
Channel	Speech level	Activity	Corrected speech level	
Rcv	93.64 dB[SPL]	84.26%	23.64 dB[SPL]	Ok

Ok

2024/5/14 14:41 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N NB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	88.20 dB[SPL]	84.42%	18.20 dB[SPL]	Ok

Ok

2024/5/14 14:40 ACQUA 6.0.200

Measurement Protocol

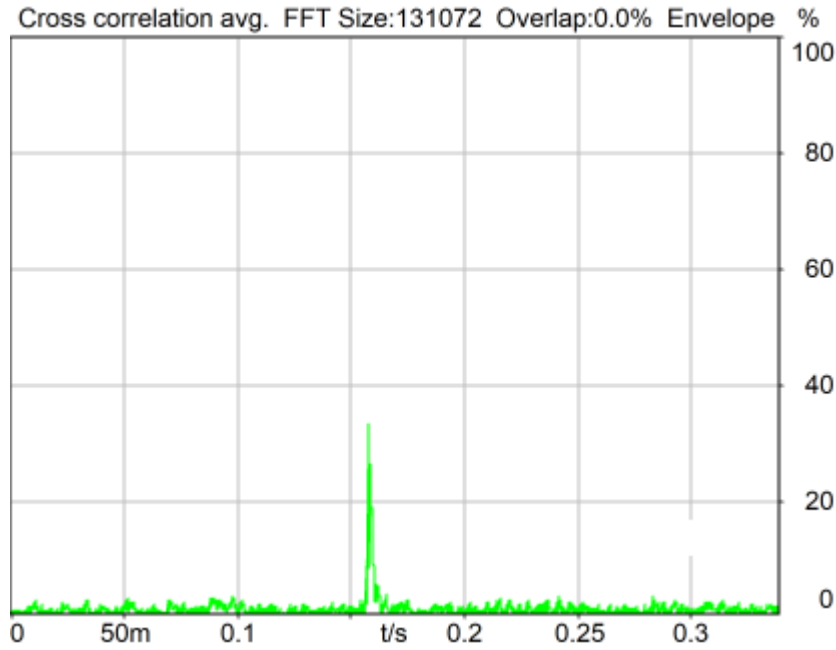
Measurement Object	FR1 n78_100_DFT-s-OFDM_AMR NB 12.2kbps_CH633334
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 13:08
Responsible Person	audio

Overall Receive Delay NB, Index: 1	3
5.1a Receive Volume Control Performance 8N NB, Index: 1	3
5.1b Receive Volume Control Performance 2N NB, Index: 1	4

Overall Receive Delay NB, Index: 1

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

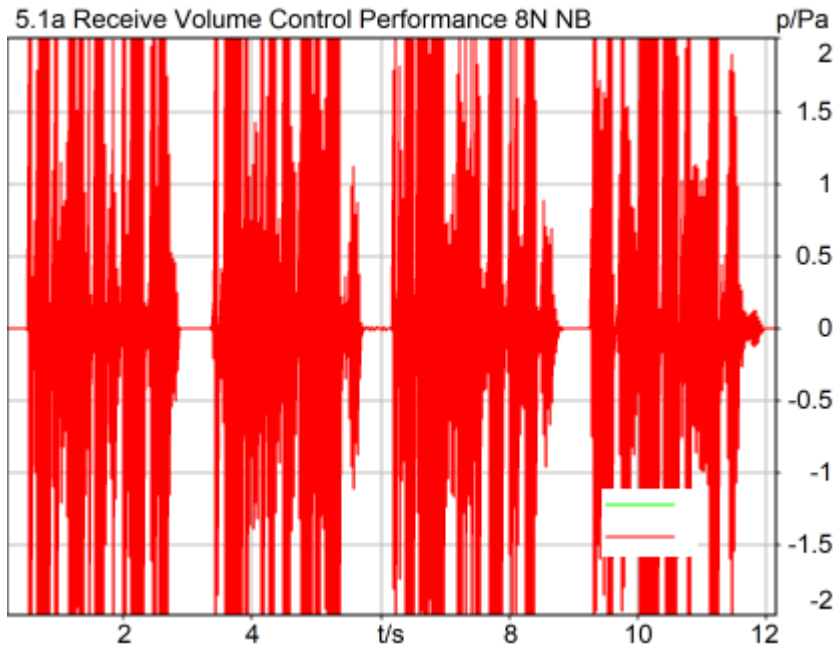


Channel	Delay
RCV*Source	158.2 ms

2024/5/14 14:39 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB, Index: 1

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



Correction

X - 70

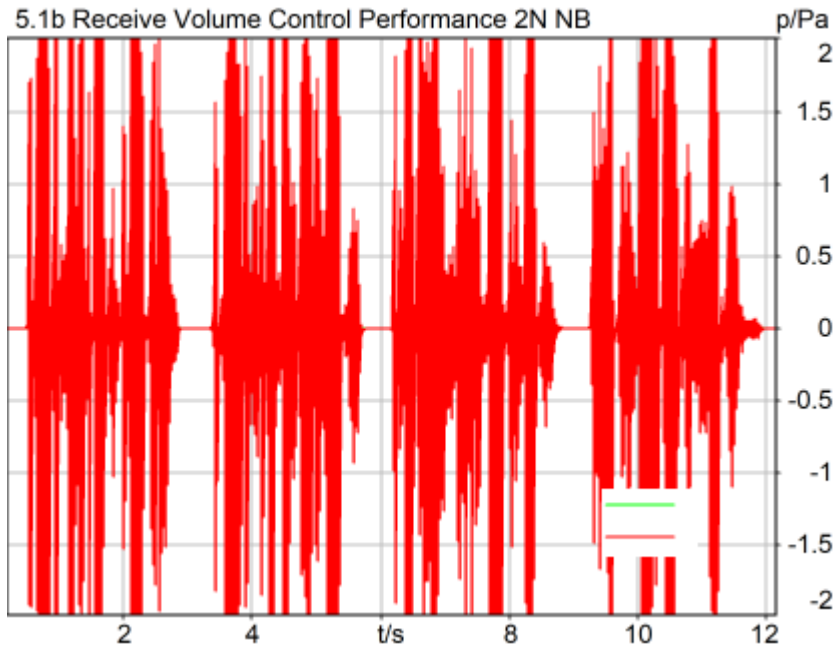
Channel	Speech level	Activity	Corrected speech level	
RCV	93.82 dB[SPL]	82.84%	23.82 dB[SPL]	Ok

Ok

2024/5/14 14:42 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N NB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	88.22 dB[SPL]	84.49%	18.22 dB[SPL]	Ok

Ok

2024/5/14 14:40 ACQUA 6.0.200

Measurement Protocol

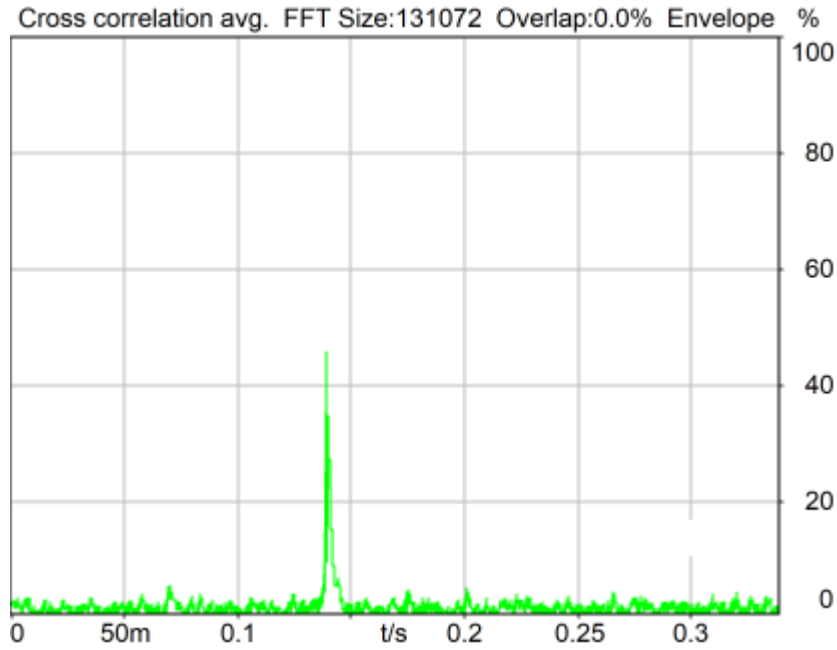
Measurement Object	FR1 n78_100_DFT-s-OFDM_AMR WB 6.6kbps_CH633334
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 13:08
Responsible Person	audio

Overall Receive Delay WB, Index: 1	3
5.1a Receive Volume Control Performance 8N WB, Index: 1	3
5.1b Receive Volume Control Performance 2N WB, Index: 1	4

Overall Receive Delay WB, Index: 1

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



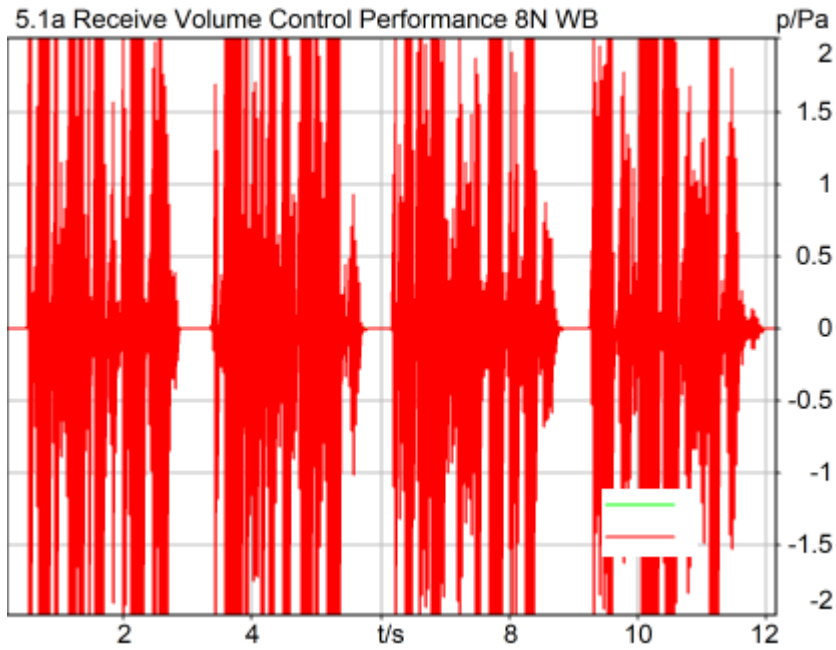
Channel	Delay
RCV*Source	140.1 ms

2024/5/14 14:46 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB, Index: 1

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



Correction

X - 70

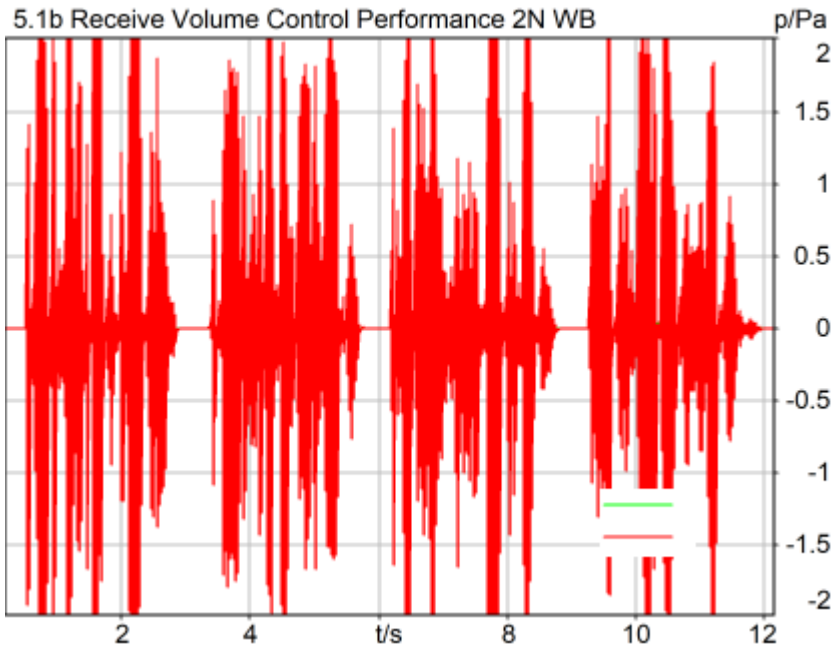
Channel	Speech level	Activity	Corrected speech level	
RCV	91.58 dB[SPL]	84.06%	21.58 dB[SPL]	Ok

Ok

2024/5/14 14:46 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N WB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
Rcv	85.83 dB[SPL]	84.15%	15.83 dB[SPL]	Ok

Ok

2024/5/14 14:49 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n78_100_DFT-s-OFDM_AMR WB 23.85kbps_CH633334
Description	HMD_TA_1600#Tomcat

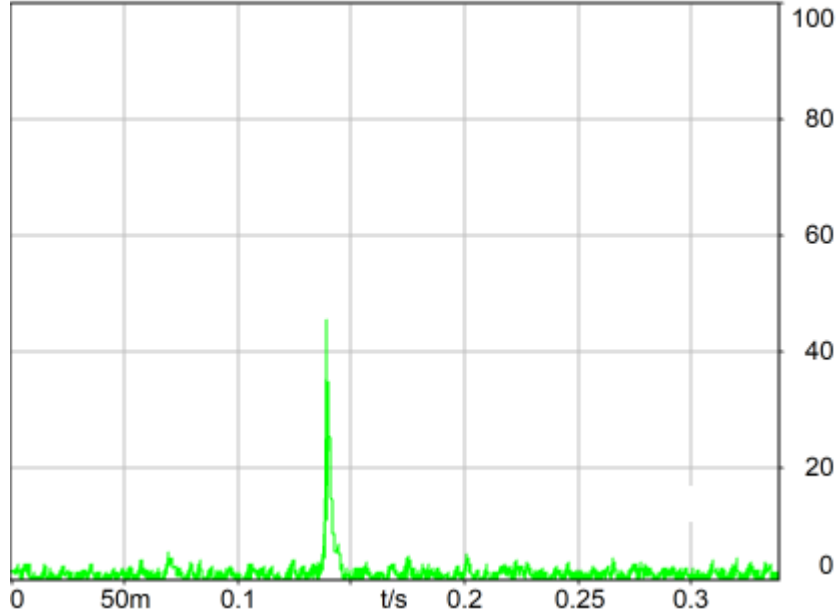
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 13:09
Responsible Person	audio

Overall Receive Delay WB, Index: 1	3
5.1a Receive Volume Control Performance 8N WB, Index: 1	3
5.1b Receive Volume Control Performance 2N WB, Index: 1	4

Overall Receive Delay WB, Index: 1

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

Cross correlation avg. FFT Size:131072 Overlap:0.0% Envelope %



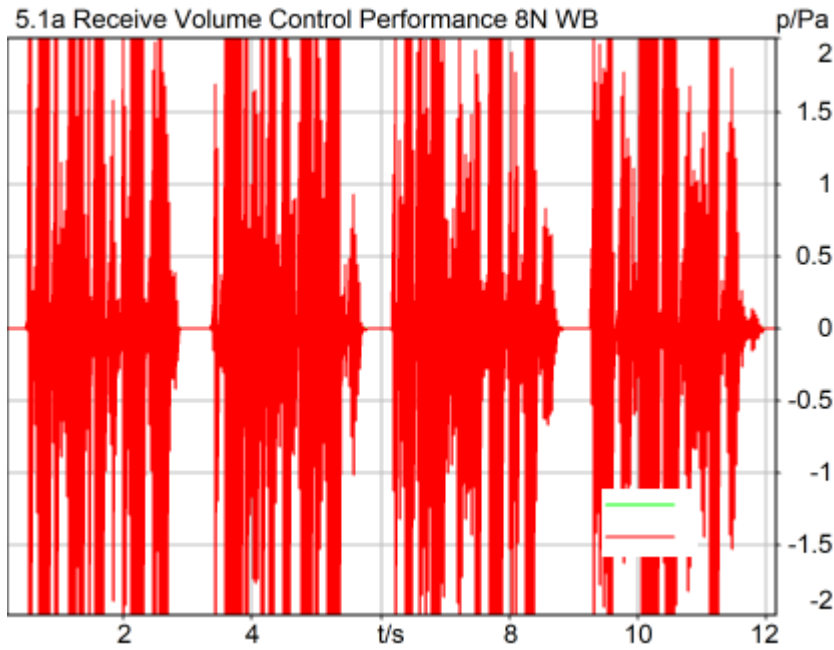
Channel	Delay
RCV*Source	140.0 ms

2024/5/14 14:45 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB, Index: 1

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



Correction

X - 70

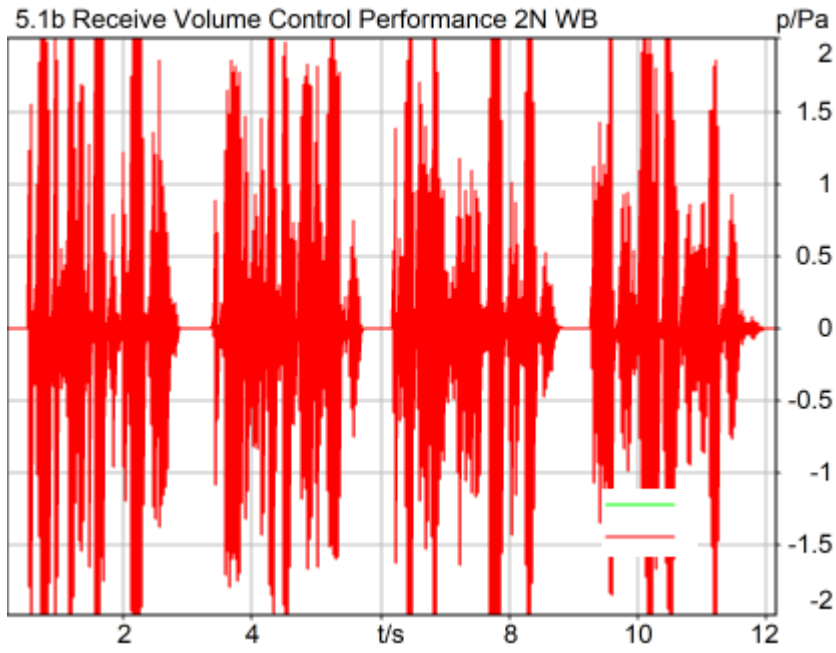
Channel	Speech level	Activity	Corrected speech level	
RCV	91.61 dB[SPL]	84.04%	21.61 dB[SPL]	Ok

Ok

2024/5/14 14:45 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N WB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
Rcv	85.81 dB[SPL]	84.50%	15.81 dB[SPL]	Ok

Ok

2024/5/14 14:49 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n78_100_DFT-s-OFDM_EVS NB 5.9kbps_CH633334
Description	HMD_TA_1600#Tomcat

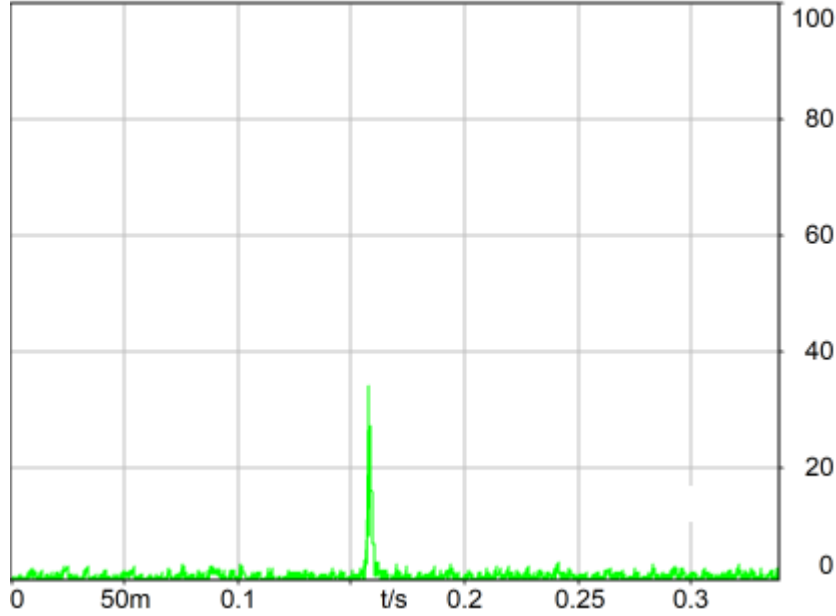
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 13:10
Responsible Person	audio

Overall Receive Delay NB, Index: 1	3
5.1a Receive Volume Control Performance 8N NB, Index: 1	3
5.1b Receive Volume Control Performance 2N NB, Index: 1	4

Overall Receive Delay NB, Index: 1

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

Cross correlation avg. FFT Size:131072 Overlap:0.0% Envelope %



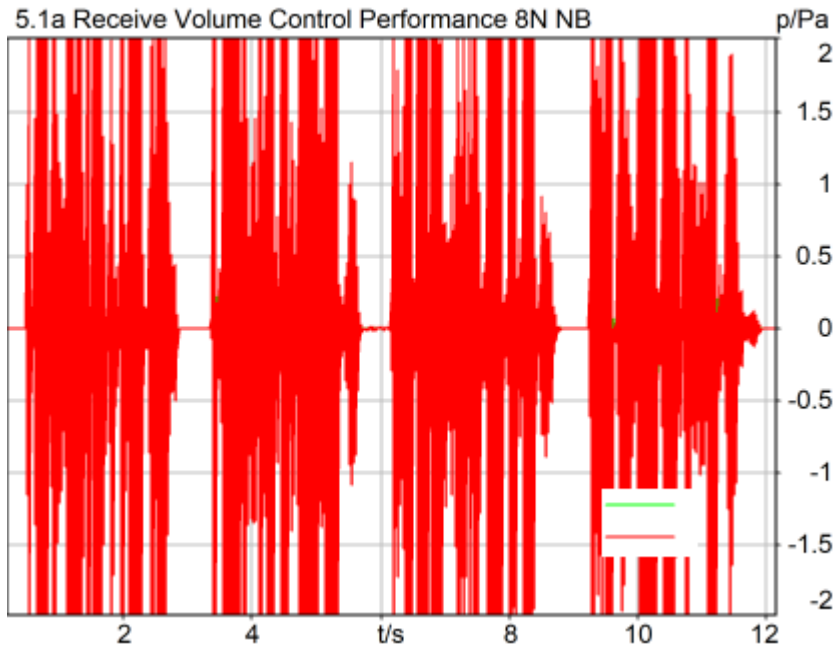
Channel	Delay
RCV*Source	158.1 ms

2024/5/14 14:38 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB, Index: 1

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



Correction

X - 70

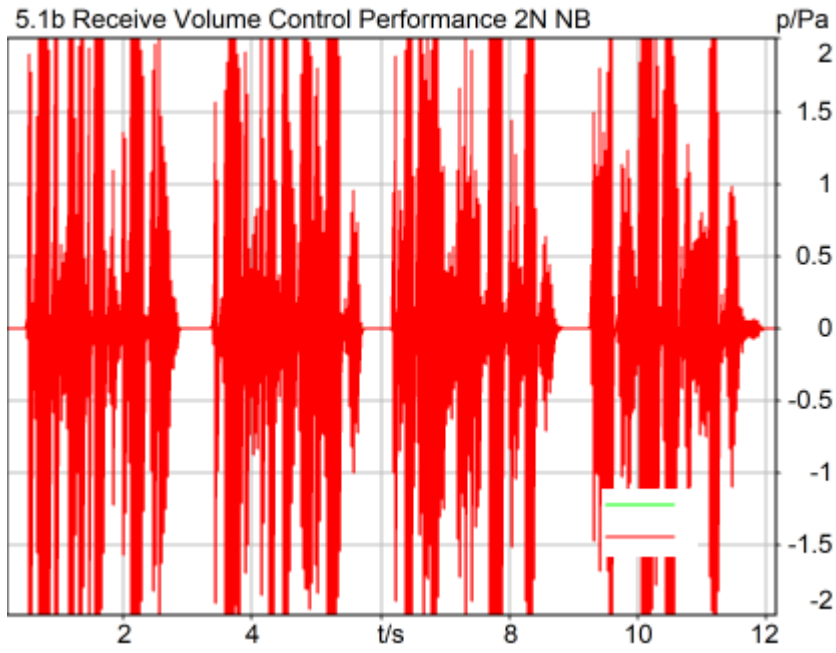
Channel	Speech level	Activity	Corrected speech level	
RCV	93.55 dB[SPL]	83.86%	23.55 dB[SPL]	Ok

Ok

2024/5/14 14:42 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N NB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	88.21 dB[SPL]	84.41%	18.21 dB[SPL]	Ok

Ok

2024/5/14 14:39 ACQUA 6.0.200

Measurement Protocol

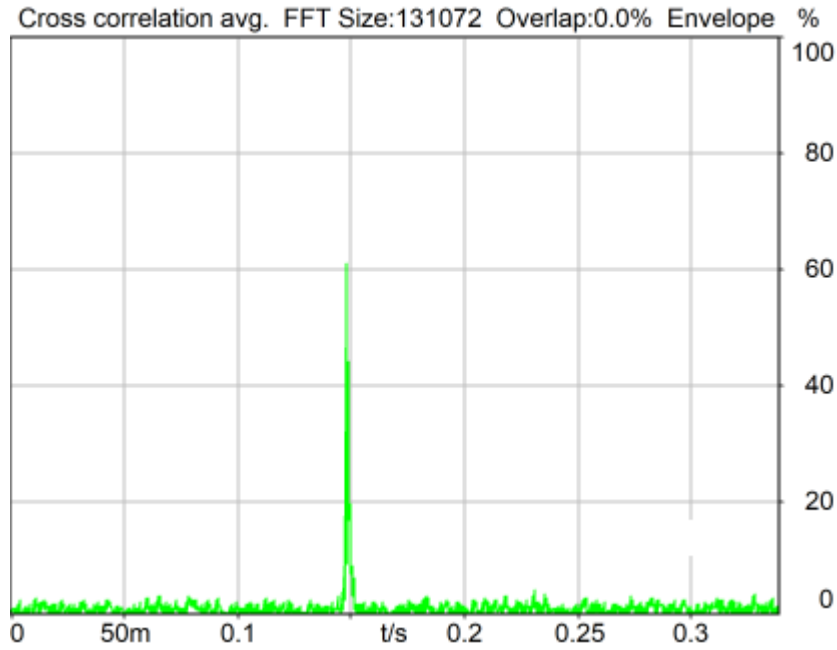
Measurement Object	FR1 n78_100_DFT-s-OFDM_EVS NB 24.4kbps_CH633334
Project	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 16:14
Responsible Person	audio

Overall Receive Delay NB, Index: 1	3
5.1a Receive Volume Control Performance 8N NB, Index: 1	3
5.1b Receive Volume Control Performance 2N NB, Index: 1	4

Overall Receive Delay NB, Index: 1

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

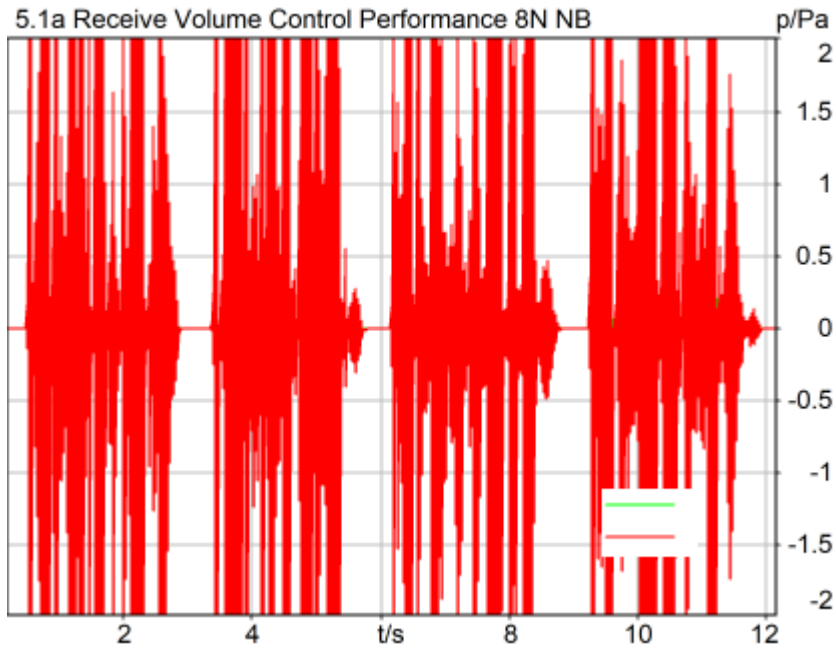


Channel	Delay
RCV*Source	148.1 ms

2024/4/23 15:14 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB, Index: 1

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



Correction

X - 70

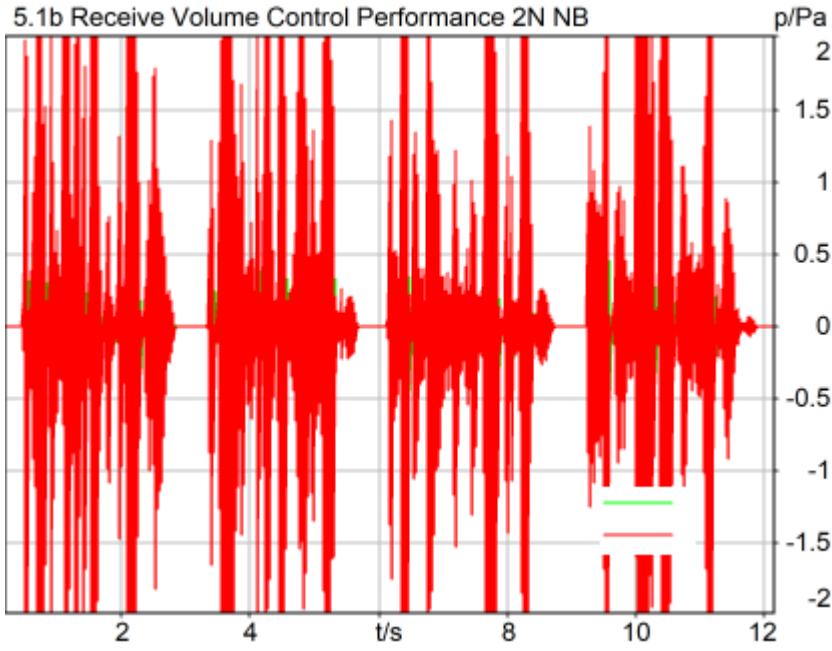
Channel	Speech level	Activity	Corrected speech level	
RCV	93.73 dB[SPL]	80.52%	23.73 dB[SPL]	Ok

Ok

2024/4/23 15:15 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N NB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
Rcv	88.04 dB[SPL]	80.44%	18.04 dB[SPL]	Ok

Ok

2024/4/23 15:22 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n78_100_DFT-s-OFDM_EVS WB 9.6kbps_CH633334
Description	HMD_TA_1600#Tomcat

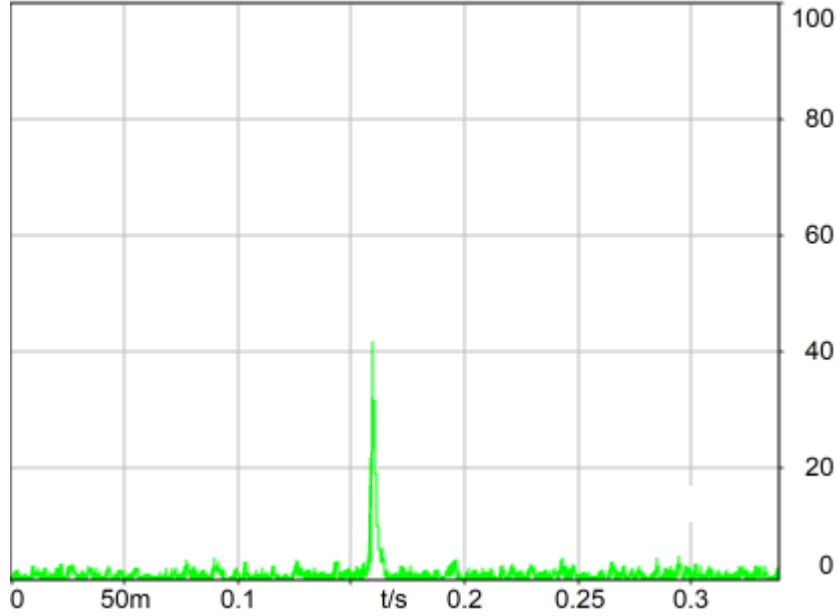
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 13:10
Responsible Person	audio

Overall Receive Delay WB, Index: 1	3
5.1a Receive Volume Control Performance 8N WB, Index: 1	3
5.1b Receive Volume Control Performance 2N WB, Index: 1	4

Overall Receive Delay WB, Index: 1

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

Cross correlation avg. FFT Size:131072 Overlap:0.0% Envelope %



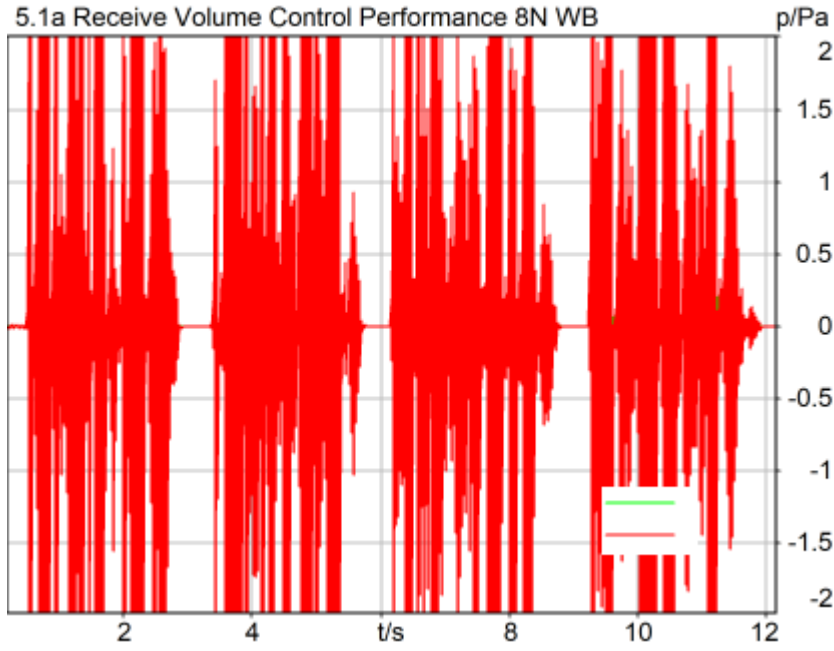
Channel	Delay
RCV*Source	159.9 ms

2024/5/14 14:44 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB, Index: 1

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



Correction

X - 70

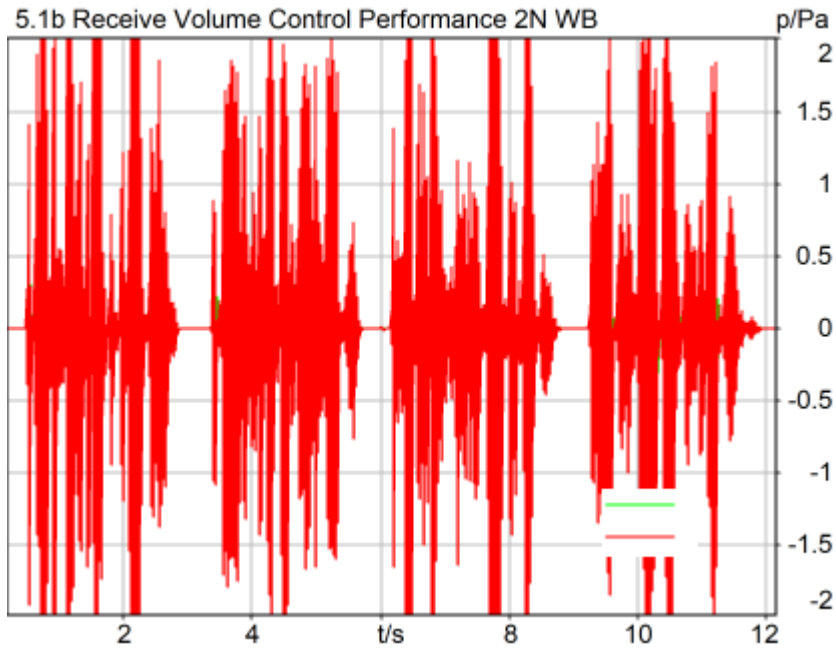
Channel	Speech level	Activity	Corrected speech level	
RCV	91.61 dB[SPL]	84.08%	21.61 dB[SPL]	Ok

Ok

2024/5/14 14:44 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N WB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
Rcv	86.09 dB[SPL]	84.37%	16.09 dB[SPL]	Ok

Ok

2024/5/14 14:51 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n78_100_DFT-s-OFDM_EVS WB 24.4kbps_CH633334
Project	HMD_TA_1600#Tomcat

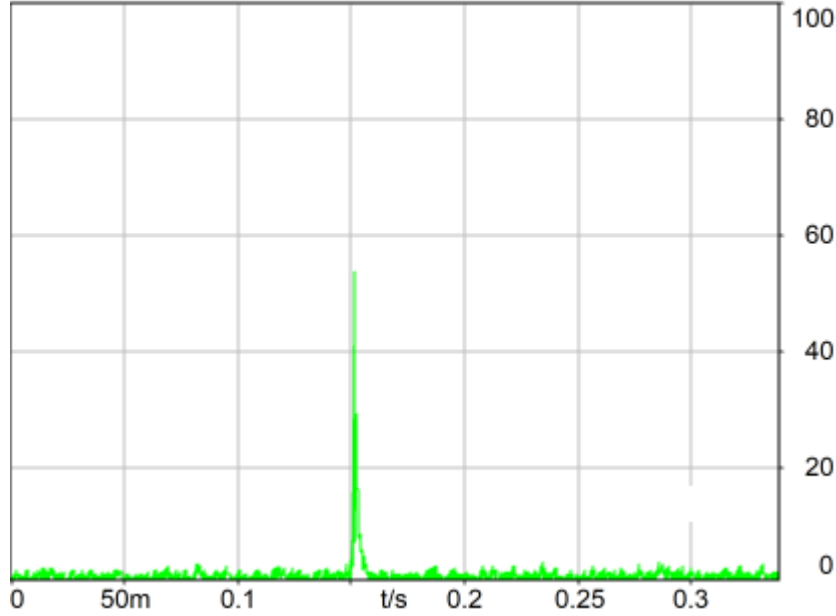
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 16:15
Responsible Person	audio

Overall Receive Delay WB, Index: 1	3
5.1a Receive Volume Control Performance 8N WB, Index: 1	3
5.1b Receive Volume Control Performance 2N WB, Index: 1	4

Overall Receive Delay WB, Index: 1

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

Cross correlation avg. FFT Size:131072 Overlap:0.0% Envelope %



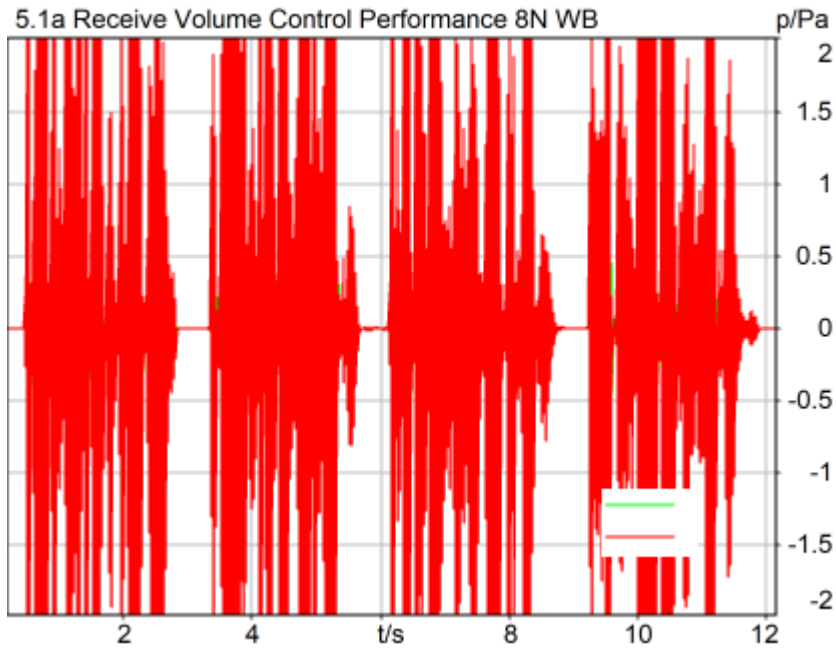
Channel	Delay
RCV*Source	151.8 ms

2024/4/23 15:29 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB, Index: 1

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



Correction

X - 70

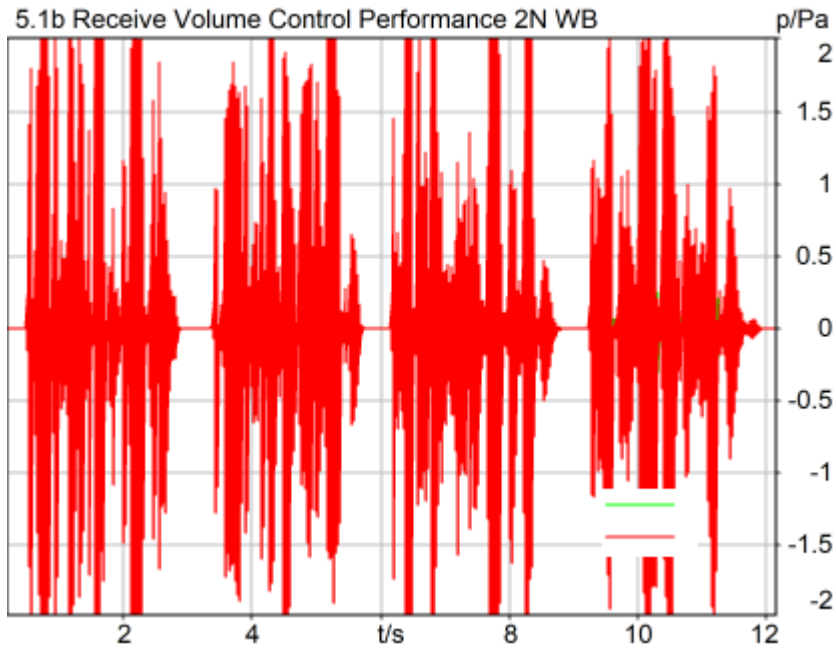
Channel	Speech level	Activity	Corrected speech level	
RCV	91.68 dB[SPL]	84.18%	21.68 dB[SPL]	Ok

Ok

2024/4/23 15:39 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N WB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
Rcv	86.14 dB[SPL]	84.53%	16.14 dB[SPL]	Ok

Ok

2024/4/23 15:30 ACQUA 6.0.200

Measurement Protocol

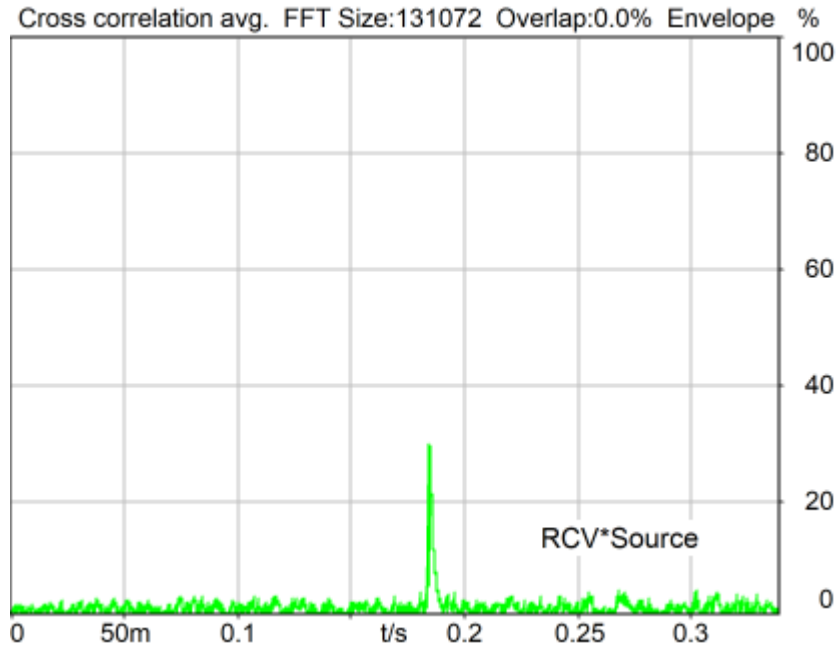
Measurement Object	LTE Band 7_20QPSK_100RB_0_AMR NB 4.75kbps_CH21100
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/22 15:28
Responsible Person	audio

Overall Receive Delay NB, Index: 1	3
5.1a Receive Volume Control Performance 8N NB, Index: 1	3
5.1b Receive Volume Control Performance 2N NB, Index: 1	4

Overall Receive Delay NB, Index: 1

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



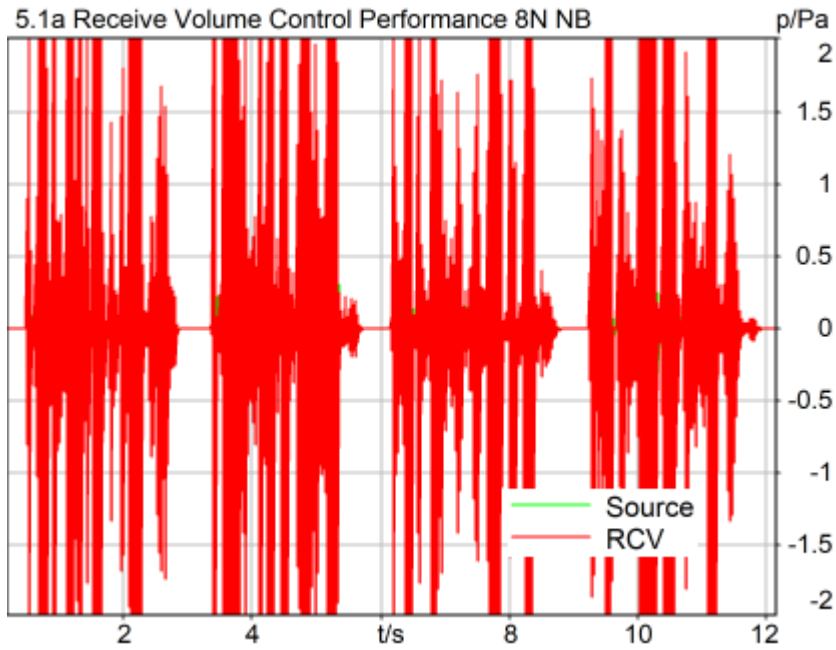
Channel	Delay
RCV*Source	184.9 ms

2024/5/5 22:29 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB, Index: 1

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



Correction

X - 70

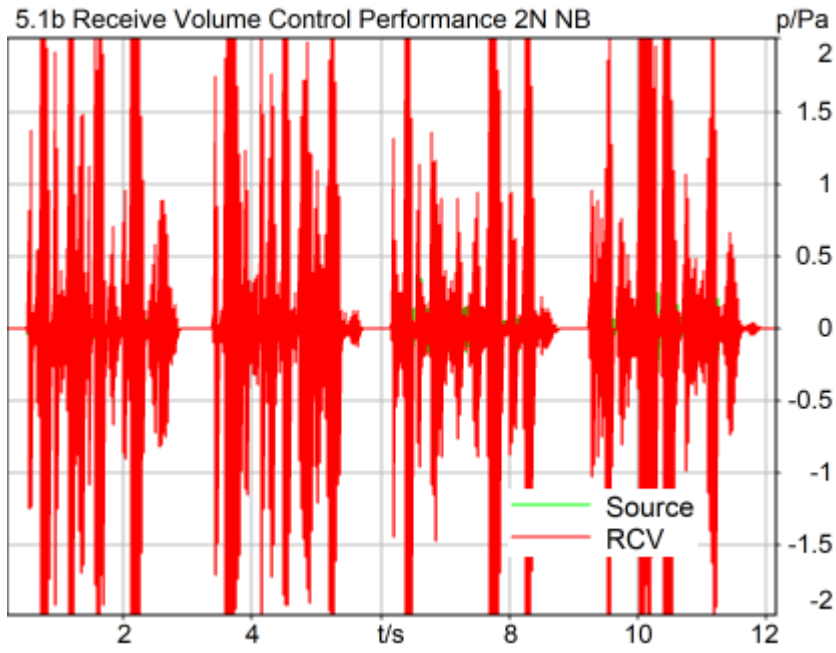
Channel	Speech level	Activity	Corrected speech level	
RCV	91.55 dB[SPL]	80.30%	21.55 dB[SPL]	Ok

Ok

2024/5/5 22:33 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N NB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.47 dB[SPL]	80.09%	16.47 dB[SPL]	Ok

Ok

2024/5/5 22:29 ACQUA 6.0.200

Measurement Protocol

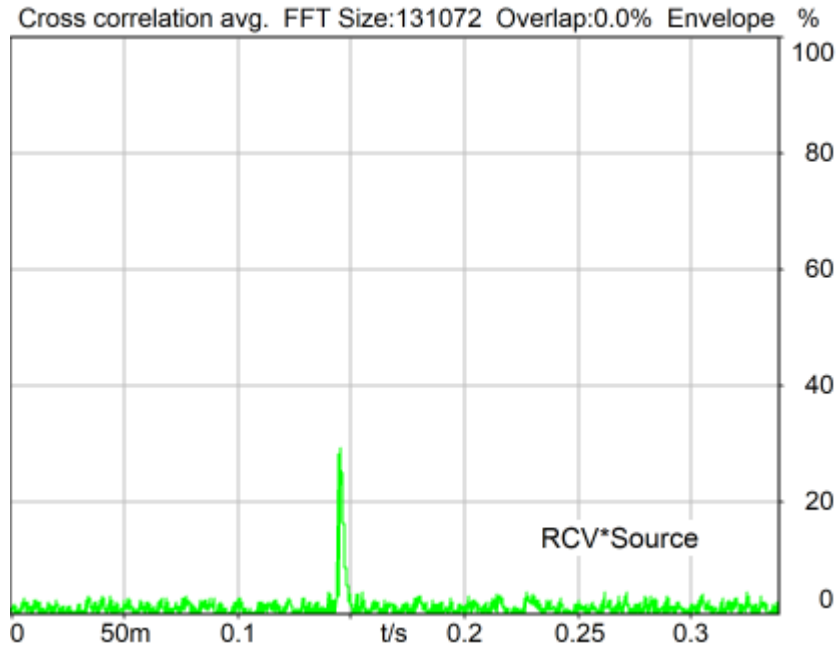
Measurement Object	LTE Band 7_20QPSK_100RB_0_AMR NB 12.2kbps_CH21100
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/22 15:29
Responsible Person	audio

Overall Receive Delay NB, Index: 1	3
5.1a Receive Volume Control Performance 8N NB, Index: 1	3
5.1b Receive Volume Control Performance 2N NB, Index: 1	4

Overall Receive Delay NB, Index: 1

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



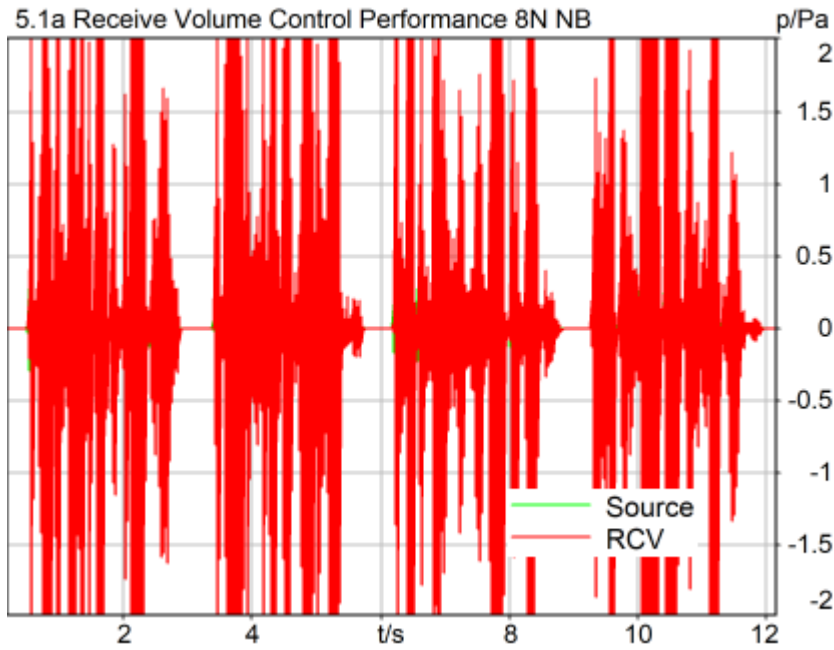
Channel	Delay
RCV*Source	144.9 ms

2024/5/5 22:30 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB, Index: 1

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



Correction

X - 70

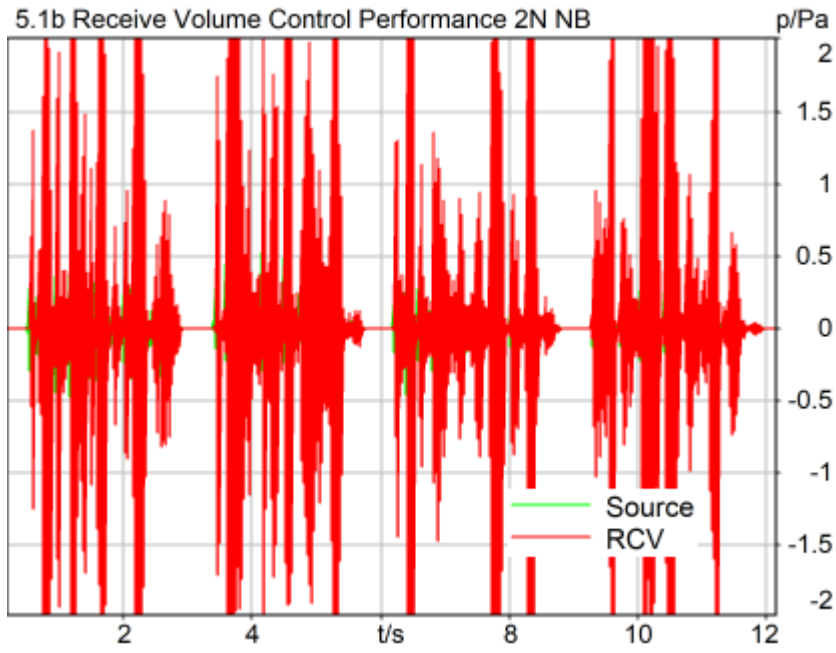
Channel	Speech level	Activity	Corrected speech level	
RCV	91.53 dB[SPL]	80.25%	21.53 dB[SPL]	Ok

Ok

2024/5/5 22:32 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N NB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.27 dB[SPL]	80.36%	16.27 dB[SPL]	Ok

Ok

2024/5/5 22:30 ACQUA 6.0.200

Measurement Protocol

Measurement Object	LTE Band 7_20QPSK_100RB_0_AMR WB 6.6kbps_CH21100
Description	HMD_TA_1600#Tomcat

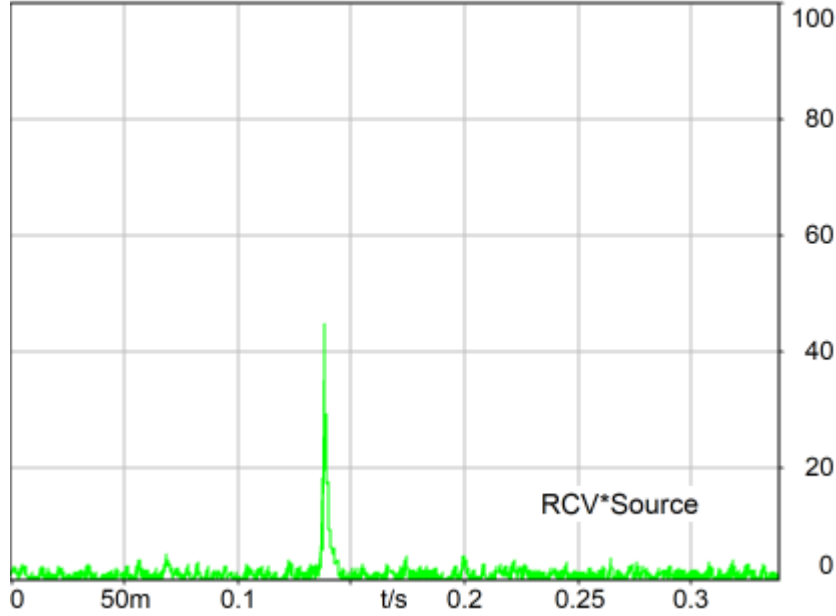
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/22 15:30
Responsible Person	audio

Overall Receive Delay WB, Index: 1	3
5.1a Receive Volume Control Performance 8N WB, Index: 1	3
5.1b Receive Volume Control Performance 2N WB, Index: 1	4

Overall Receive Delay WB, Index: 1

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

Cross correlation avg. FFT Size:131072 Overlap:0.0% Envelope %



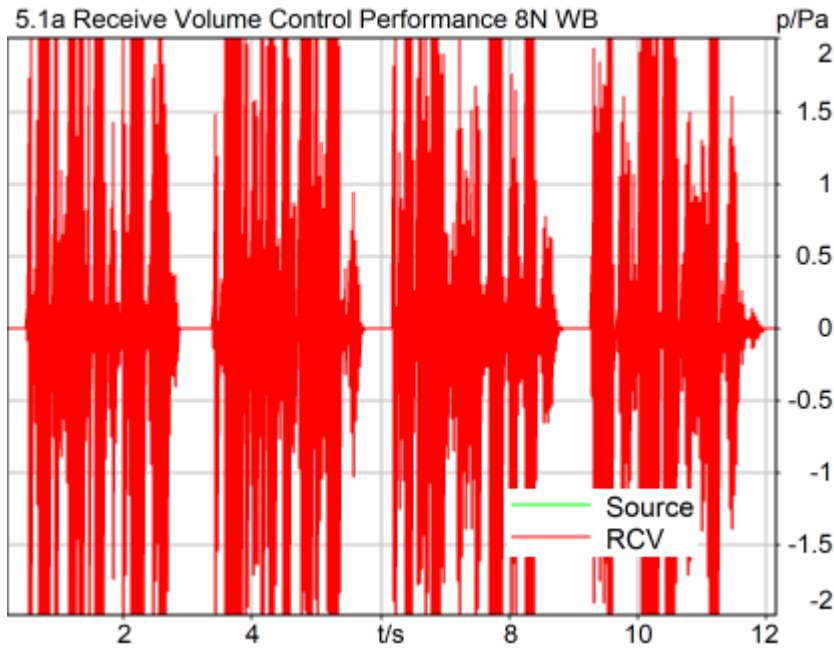
Channel	Delay
RCV*Source	138.7 ms

2024/5/5 22:18 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB, Index: 1

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



Correction

X - 70

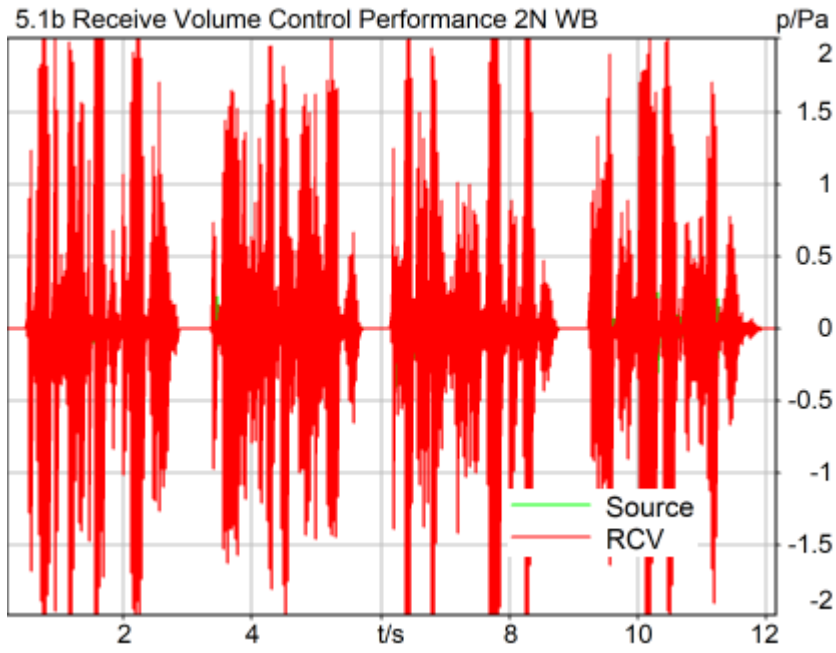
Channel	Speech level	Activity	Corrected speech level	
RCV	90.94 dB[SPL]	84.19%	20.94 dB[SPL]	Ok

Ok

2024/5/5 22:20 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N WB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	84.79 dB[SPL]	84.10%	14.79 dB[SPL]	Ok

Ok

2024/5/5 22:22 ACQUA 6.0.200

Measurement Protocol

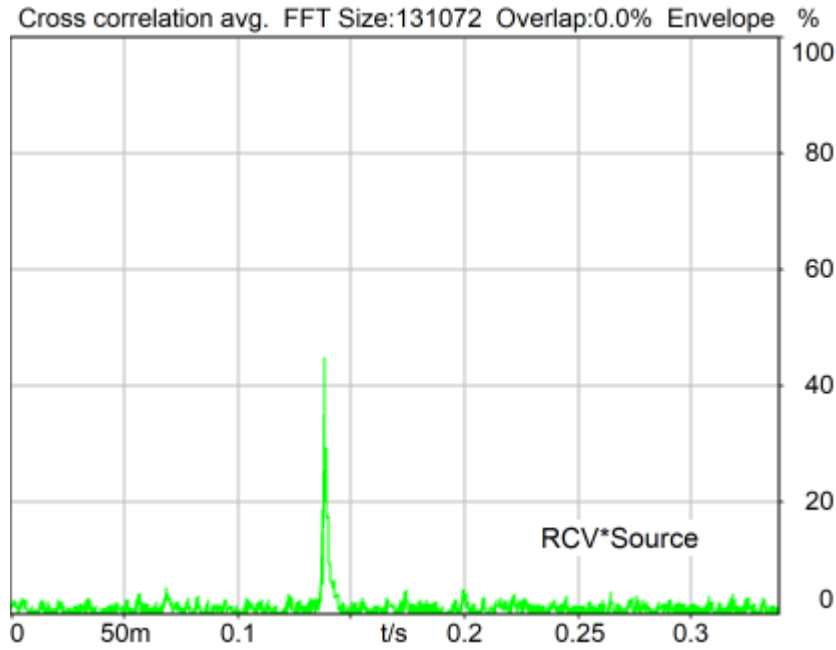
Measurement Object	LTE Band 7_20QPSK_100RB_0_AMR WB 23.85kbps_CH21100
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/22 15:30
Responsible Person	audio

Overall Receive Delay WB, Index: 1	3
5.1a Receive Volume Control Performance 8N WB, Index: 1	3
5.1b Receive Volume Control Performance 2N WB, Index: 1	4

Overall Receive Delay WB, Index: 1

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

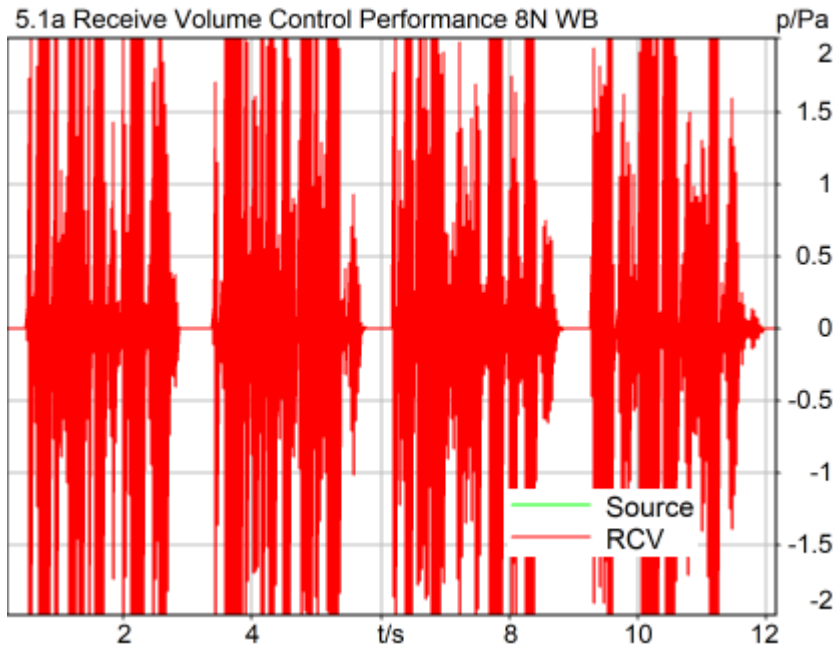


Channel	Delay
RCV*Source	138.7 ms

2024/5/5 22:18 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB, Index: 1

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



Correction

X - 70

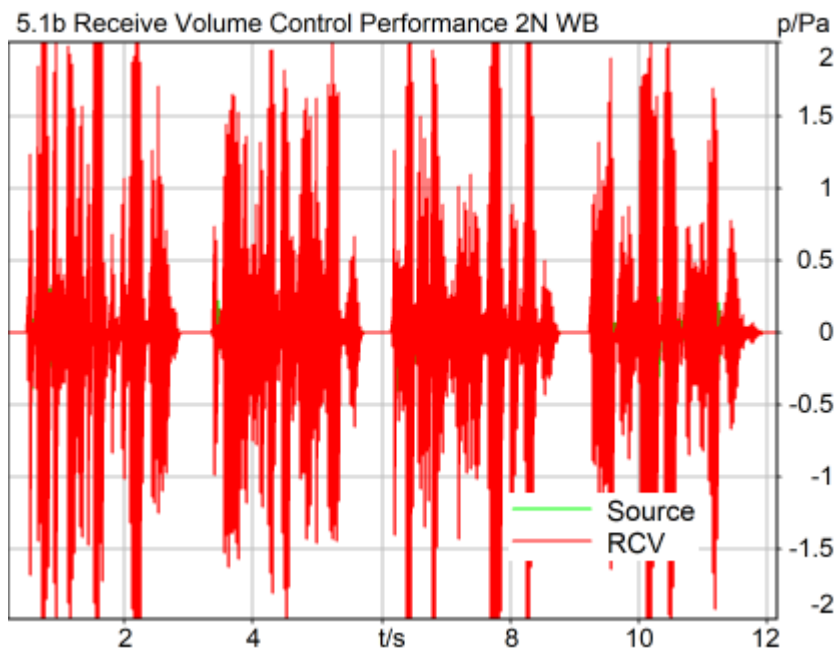
Channel	Speech level	Activity	Corrected speech level	
RCV	90.95 dB[SPL]	84.20%	20.95 dB[SPL]	Ok

Ok

2024/5/5 22:18 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N WB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	84.85 dB[SPL]	84.28%	14.85 dB[SPL]	Ok

Ok

2024/5/5 22:25 ACQUA 6.0.200

Measurement Protocol

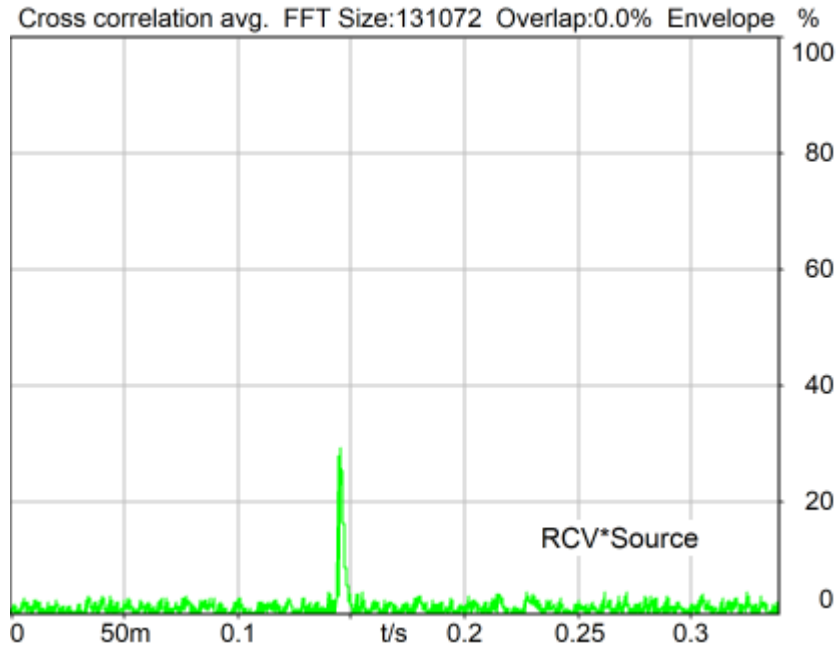
Measurement Object	LTE Band 7_20QPSK_100RB_0_EVS NB 5.9kbps_CH21100
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/22 15:32
Responsible Person	audio

Overall Receive Delay NB, Index: 1	3
5.1a Receive Volume Control Performance 8N NB, Index: 1	3
5.1b Receive Volume Control Performance 2N NB, Index: 1	4

Overall Receive Delay NB, Index: 1

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

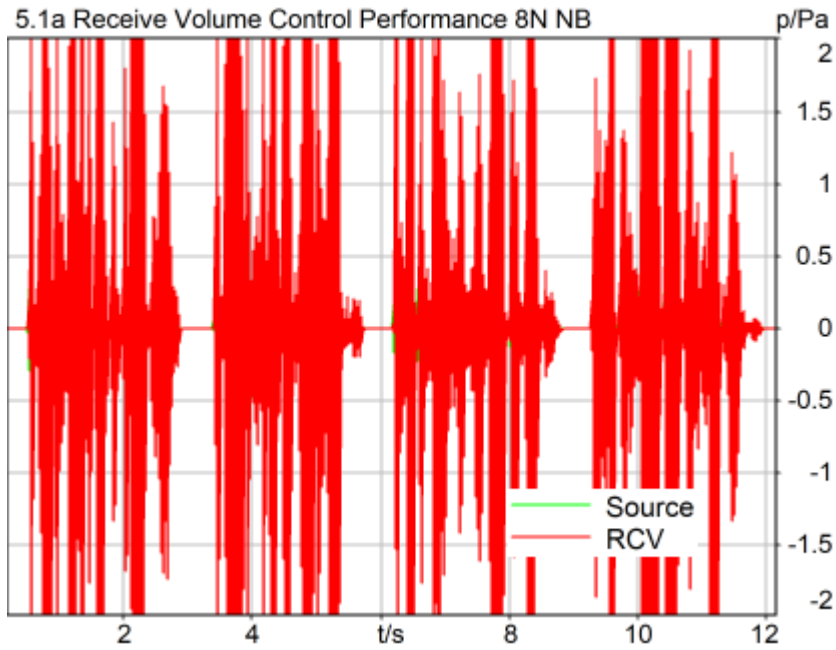


Channel	Delay
RCV*Source	145.0 ms

2024/5/5 22:30 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB, Index: 1

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



Correction

X - 70

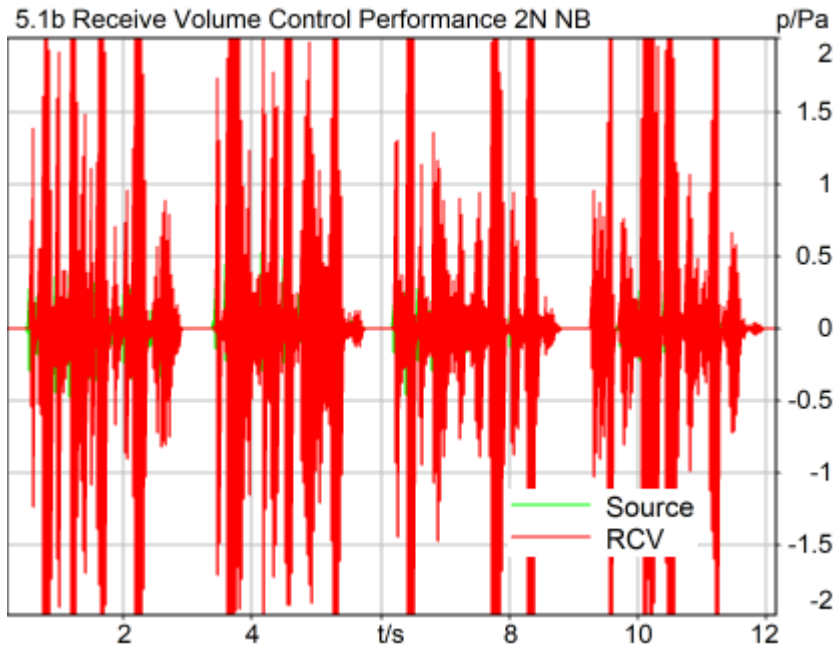
Channel	Speech level	Activity	Corrected speech level	
RCV	91.51 dB[SPL]	80.24%	21.51 dB[SPL]	Ok

Ok

2024/5/5 22:32 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N NB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.34 dB[SPL]	80.25%	16.34 dB[SPL]	Ok

Ok

2024/5/5 22:31 ACQUA 6.0.200

Measurement Protocol

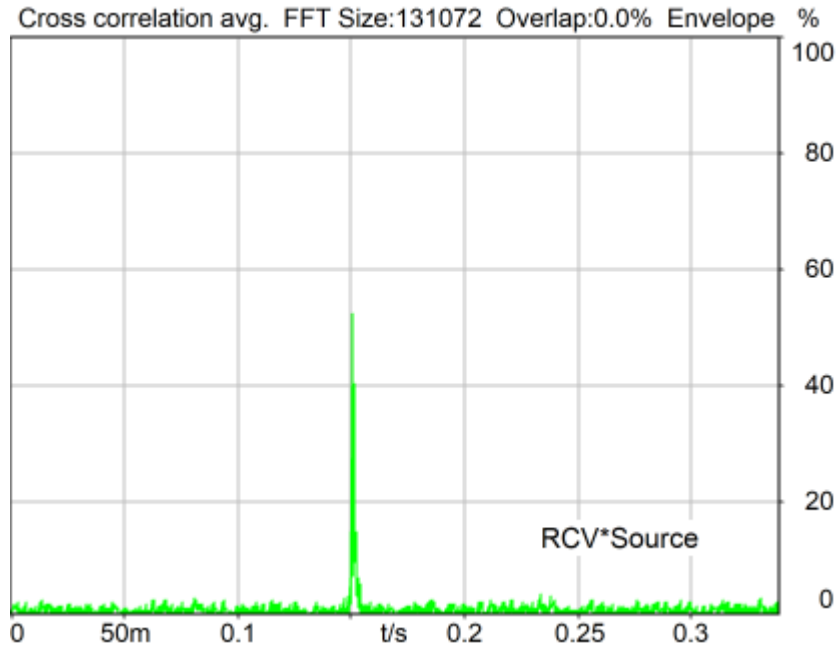
Measurement Object	LTE Band 7_20QPSK_100RB_0_EVS NB 24.4kbps_CH21100
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 15:16
Responsible Person	audio

Overall Receive Delay NB, Index: 1	3
5.1a Receive Volume Control Performance 8N NB, Index: 1	3
5.1b Receive Volume Control Performance 2N NB, Index: 1	4

Overall Receive Delay NB, Index: 1

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



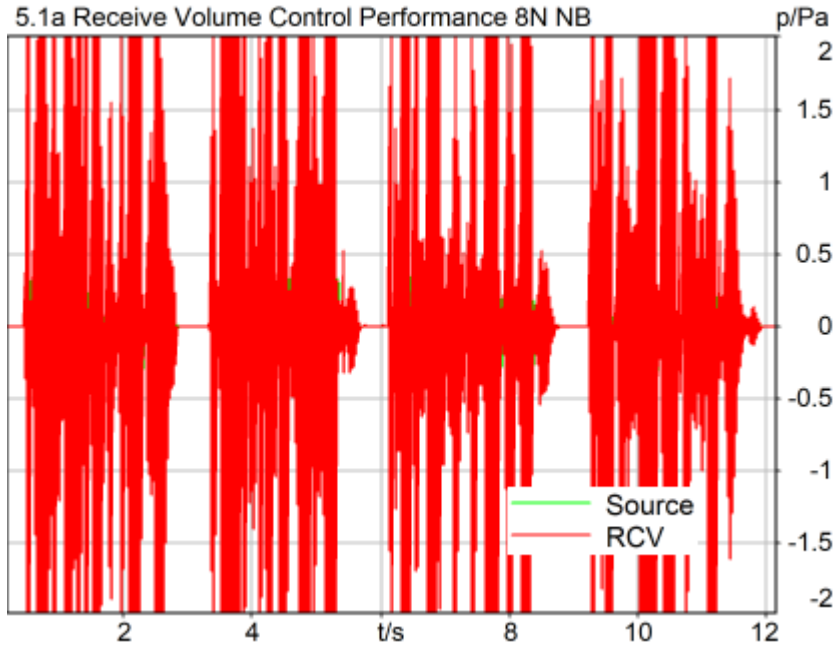
Channel	Delay
RCV*Source	150.9 ms

2024/5/5 14:30 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB, Index: 1

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



Correction

X - 70

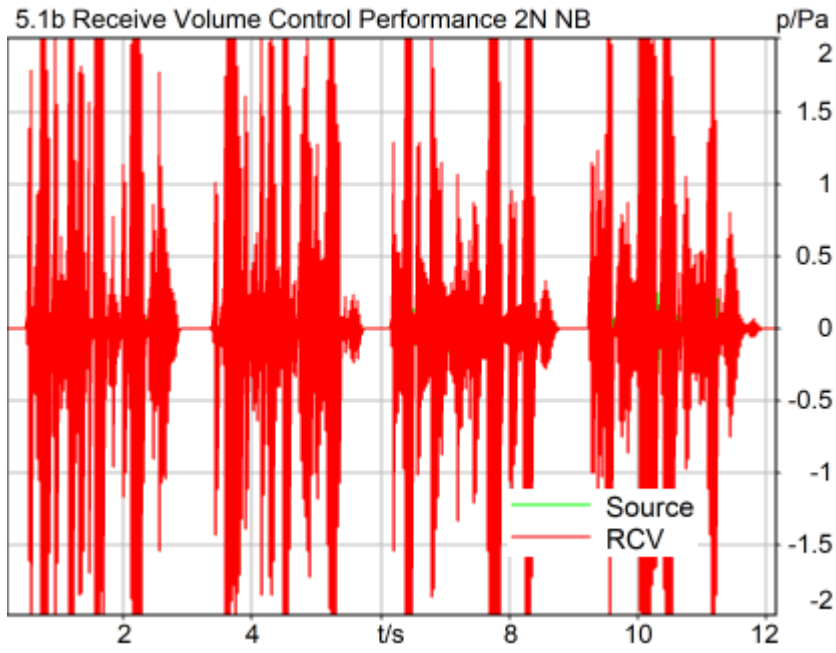
Channel	Speech level	Activity	Corrected speech level	
RCV	93.45 dB[SPL]	80.44%	23.45 dB[SPL]	Ok

Ok

2024/5/5 14:38 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N NB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	87.08 dB[SPL]	80.31%	17.08 dB[SPL]	Ok

Ok

2024/5/5 14:30 ACQUA 6.0.200

Measurement Protocol

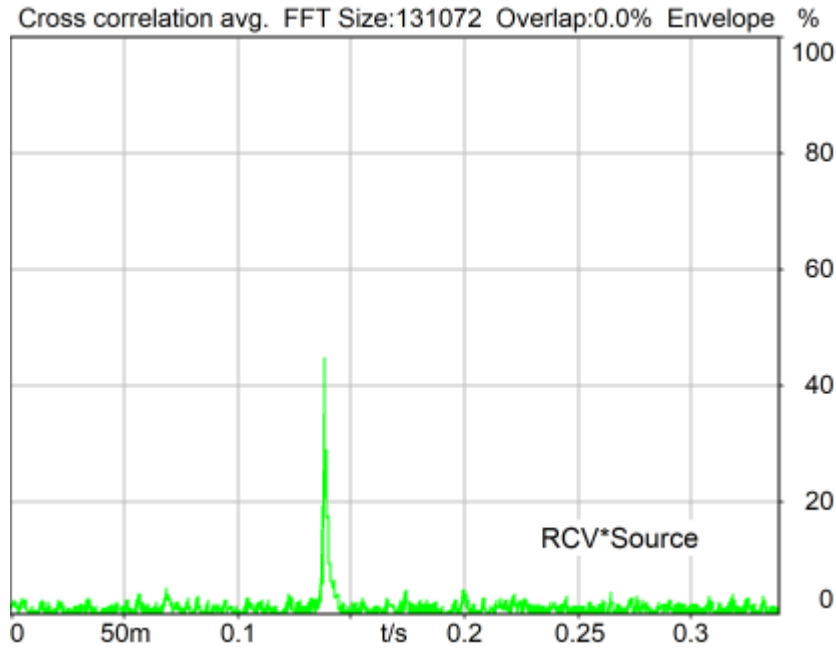
Measurement Object	LTE Band 7_20QPSK_100RB_0_EVS WB 9.6kbps_CH21100
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/22 15:34
Responsible Person	audio

Overall Receive Delay WB, Index: 1	3
5.1a Receive Volume Control Performance 8N WB, Index: 1	3
5.1b Receive Volume Control Performance 2N WB, Index: 1	4

Overall Receive Delay WB, Index: 1

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

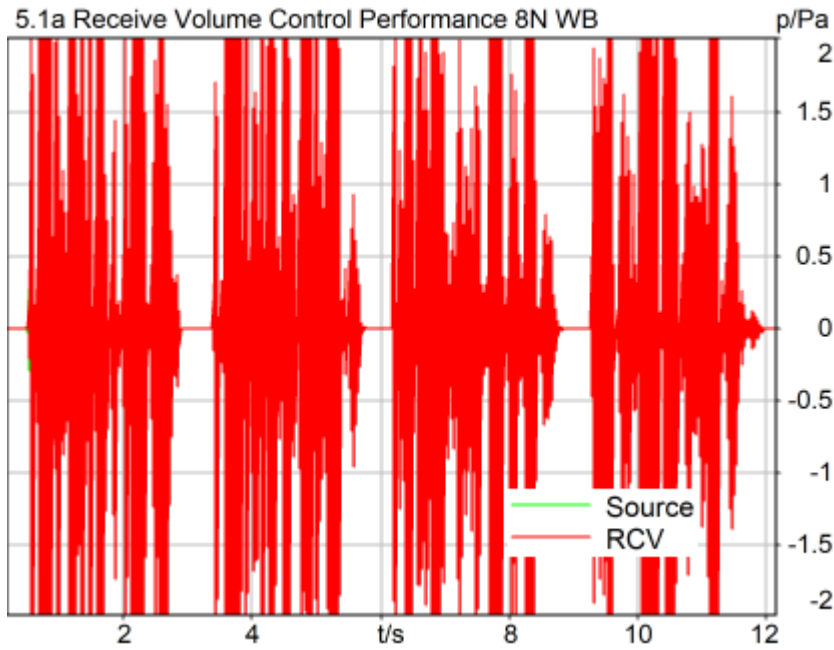


Channel	Delay
RCV*Source	138.7 ms

2024/5/5 22:17 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB, Index: 1

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



Correction

X - 70

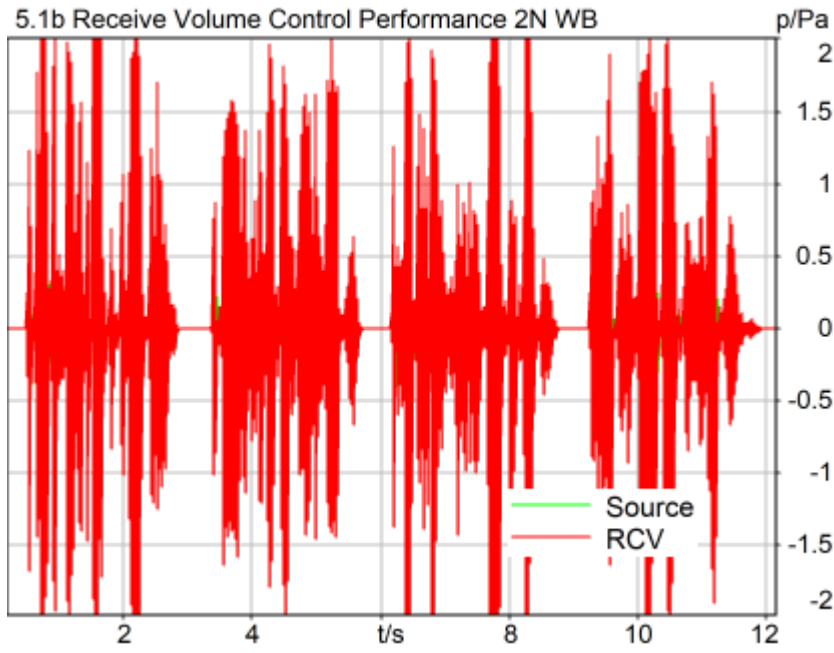
Channel	Speech level	Activity	Corrected speech level	
RCV	91.05 dB[SPL]	84.26%	21.05 dB[SPL]	Ok

Ok

2024/5/5 22:17 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N WB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	84.86 dB[SPL]	84.33%	14.86 dB[SPL]	Ok

Ok

2024/5/5 22:26 ACQUA 6.0.200

Measurement Protocol

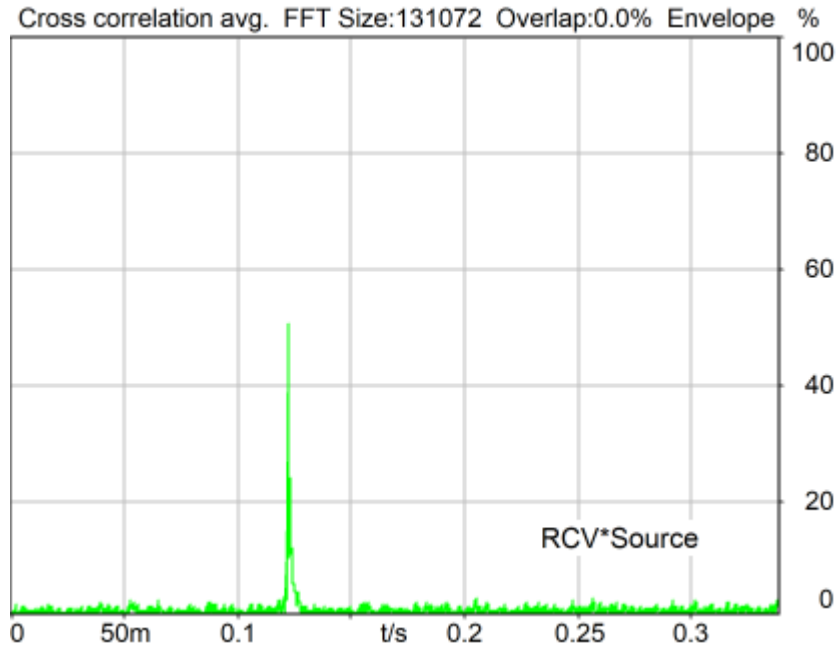
Measurement Object	LTE Band 7_20QPSK_100RB_0_EVS WB 24.4kbps_CH21100
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 15:17
Responsible Person	audio

Overall Receive Delay WB, Index: 1	3
5.1a Receive Volume Control Performance 8N WB, Index: 1	3
5.1b Receive Volume Control Performance 2N WB, Index: 1	4

Overall Receive Delay WB, Index: 1

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

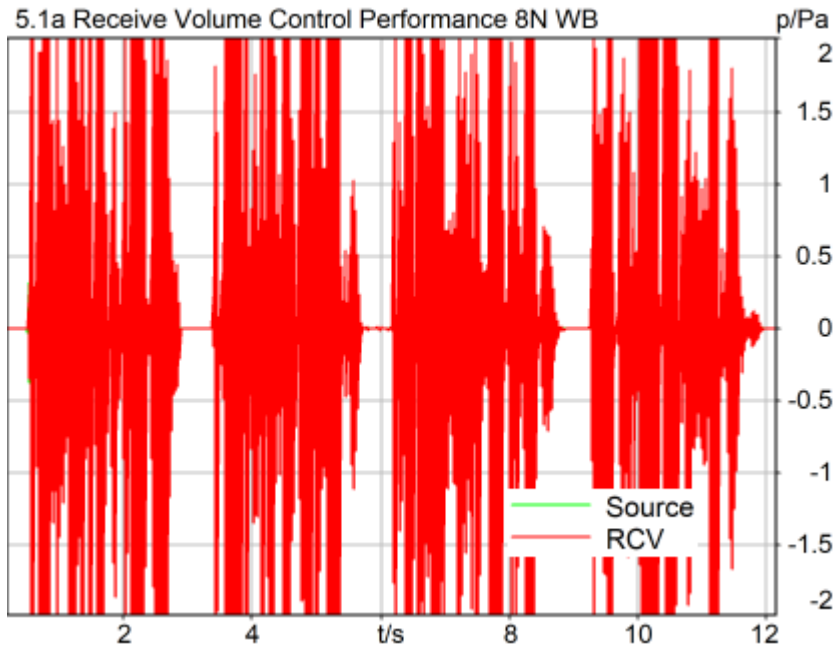


Channel	Delay
RCV*Source	122.3 ms

2024/5/5 15:06 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB, Index: 1

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



Correction

X - 70

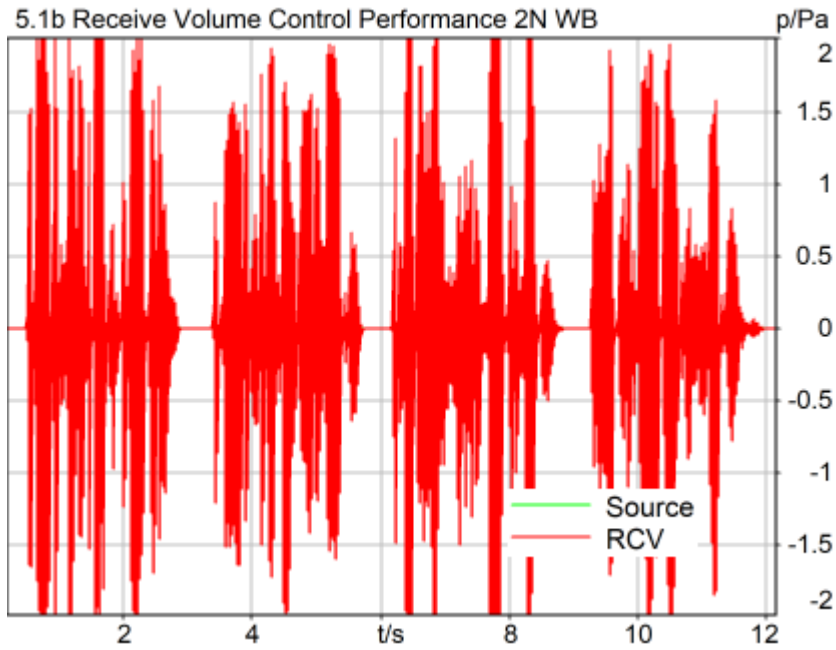
Channel	Speech level	Activity	Corrected speech level	
RCV	91.47 dB[SPL]	84.21%	21.47 dB[SPL]	Ok

Ok

2024/5/5 15:15 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N WB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	85.08 dB[SPL]	84.46%	15.08 dB[SPL]	Ok

Ok

2024/5/5 15:07 ACQUA 6.0.200

Measurement Protocol

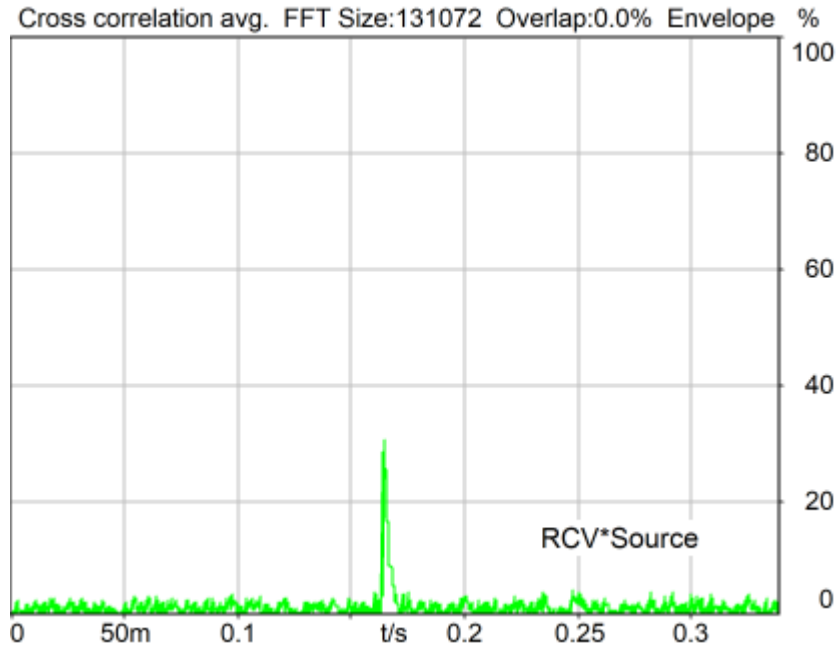
Measurement Object	LTE Band 12_10QPSK_50RB_0_AMR NB 4.75kbps_CH23095
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/22 15:37
Responsible Person	audio

Overall Receive Delay NB, Index: 1	3
5.1a Receive Volume Control Performance 8N NB, Index: 1	3
5.1b Receive Volume Control Performance 2N NB, Index: 1	4

Overall Receive Delay NB, Index: 1

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

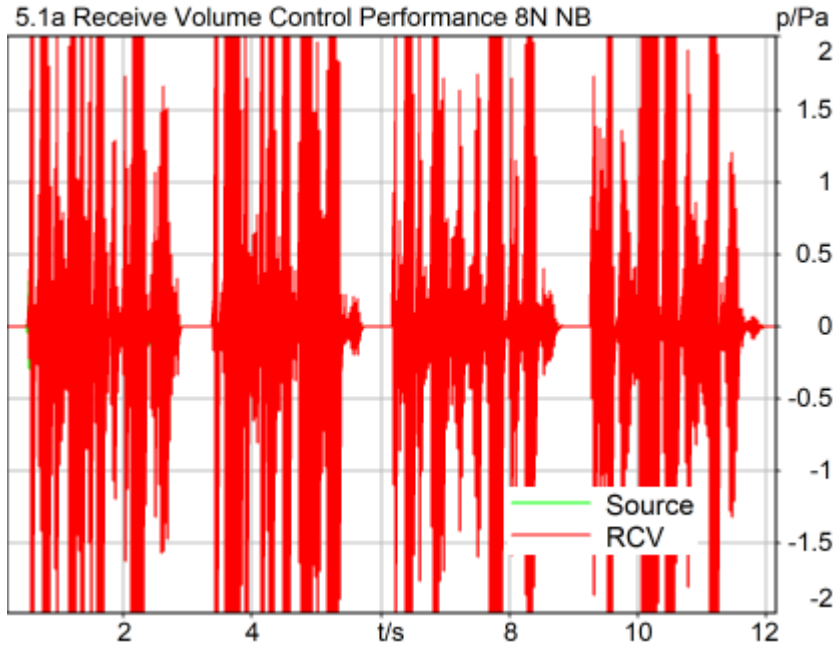


Channel	Delay
RCV*Source	165.1 ms

2024/5/5 22:40 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB, Index: 1

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



Correction

X - 70

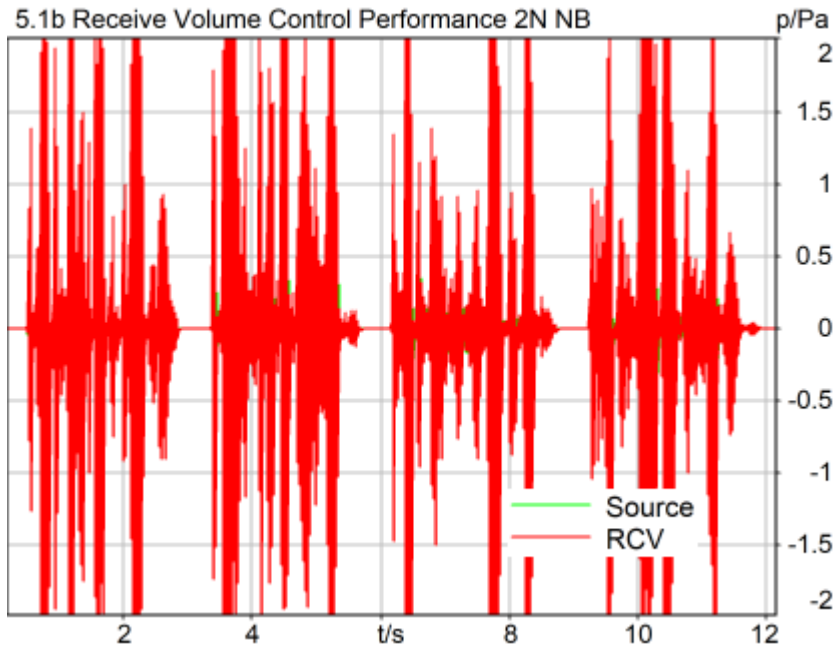
Channel	Speech level	Activity	Corrected speech level	
RCV	91.37 dB[SPL]	80.32%	21.37 dB[SPL]	Ok

Ok

2024/5/5 22:41 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N NB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.61 dB[SPL]	80.13%	16.61 dB[SPL]	Ok

Ok

2024/5/5 22:45 ACQUA 6.0.200

Measurement Protocol

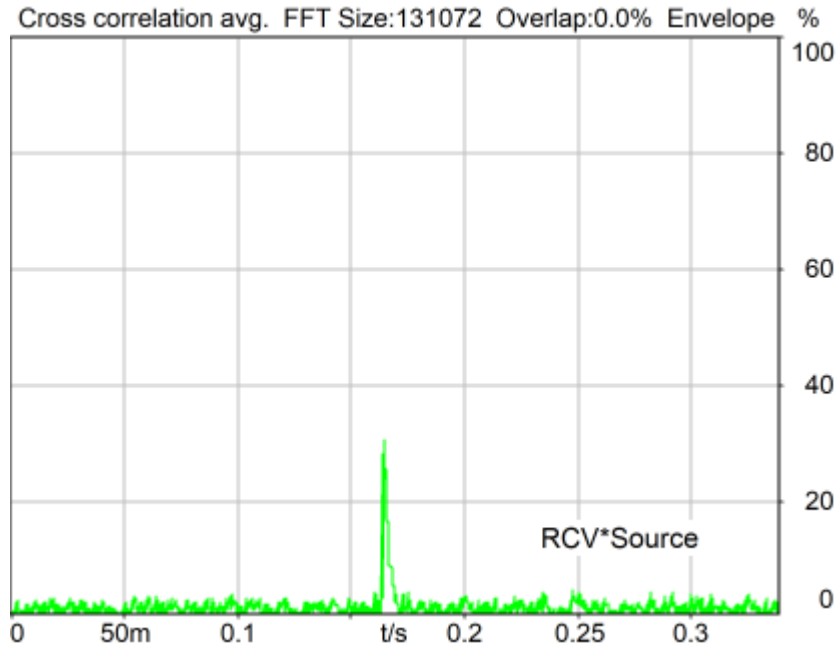
Measurement Object	LTE Band 12_10QPSK_50RB_0_AMR NB 12.2kbps_CH23095
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/22 15:38
Responsible Person	audio

Overall Receive Delay NB, Index: 1	3
5.1a Receive Volume Control Performance 8N NB, Index: 1	3
5.1b Receive Volume Control Performance 2N NB, Index: 1	4

Overall Receive Delay NB, Index: 1

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

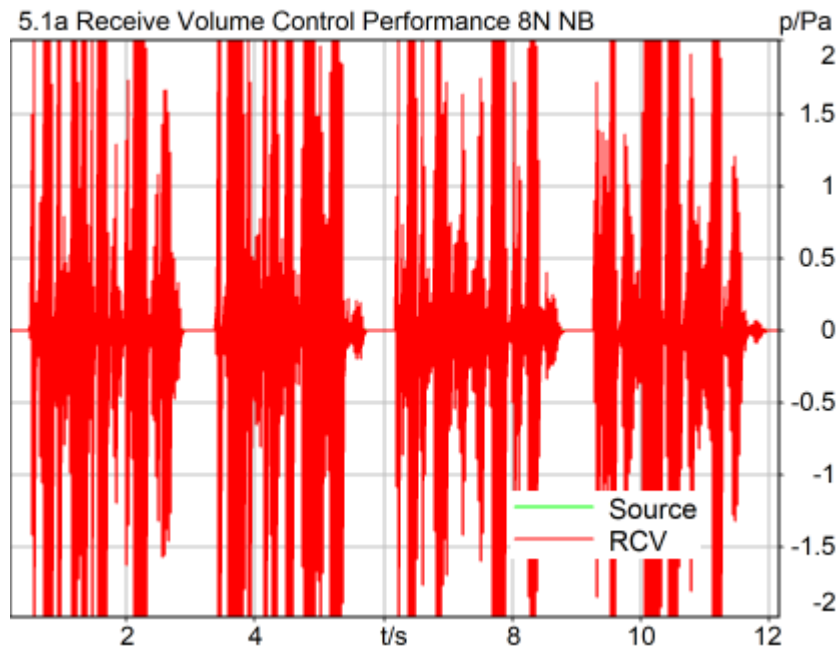


Channel	Delay
RCV*Source	165.1 ms

2024/5/5 22:41 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB, Index: 1

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



Correction

X - 70

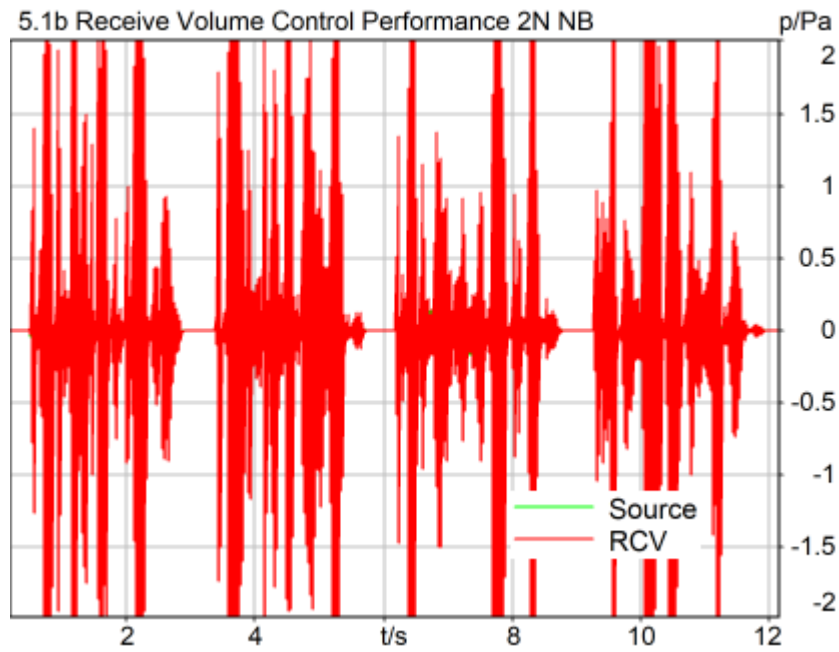
Channel	Speech level	Activity	Corrected speech level	
RCV	91.46 dB[SPL]	80.24%	21.46 dB[SPL]	Ok

Ok

2024/5/5 22:41 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N NB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.48 dB[SPL]	80.15%	16.48 dB[SPL]	Ok

Ok

2024/5/5 22:45 ACQUA 6.0.200

Measurement Protocol

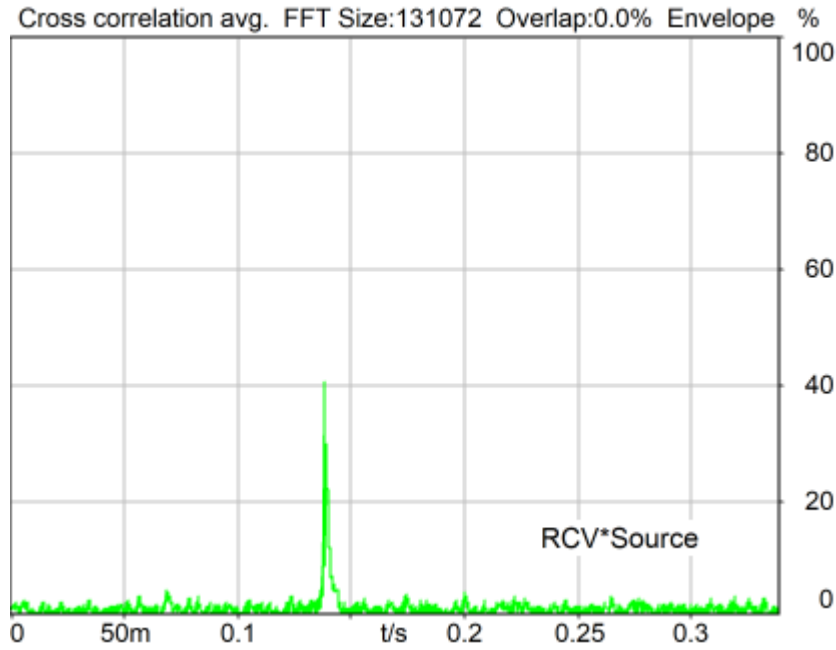
Measurement Object	LTE Band 12_10QPSK_50RB_0_AMR WB 6.6kbps_CH23095
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/22 15:38
Responsible Person	audio

Overall Receive Delay WB, Index: 1	3
5.1a Receive Volume Control Performance 8N WB, Index: 1	3
5.1b Receive Volume Control Performance 2N WB, Index: 1	4

Overall Receive Delay WB, Index: 1

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



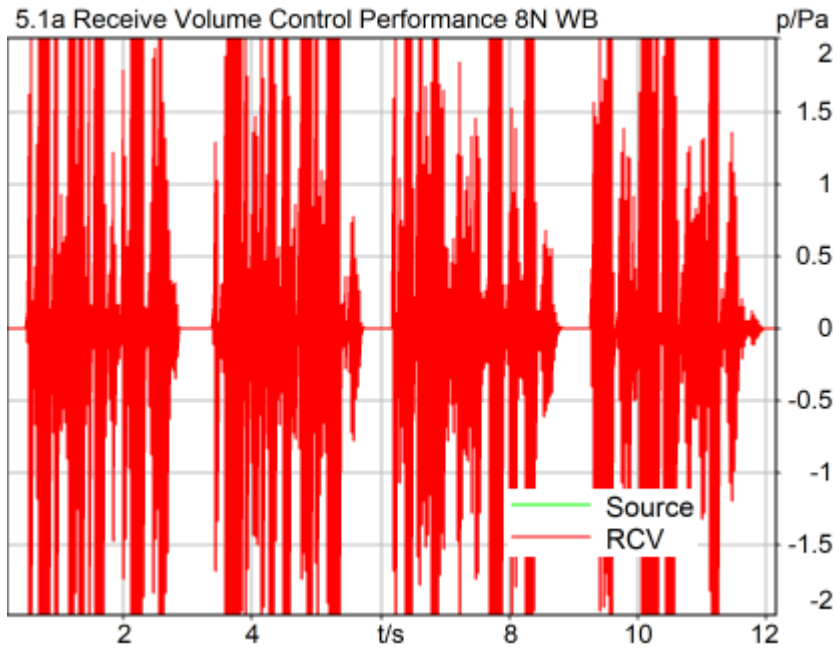
Channel	Delay
RCV*Source	139.1 ms

2024/5/5 22:49 ACQUA 6.0.200

Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB, Index: 1

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



Correction

X - 70

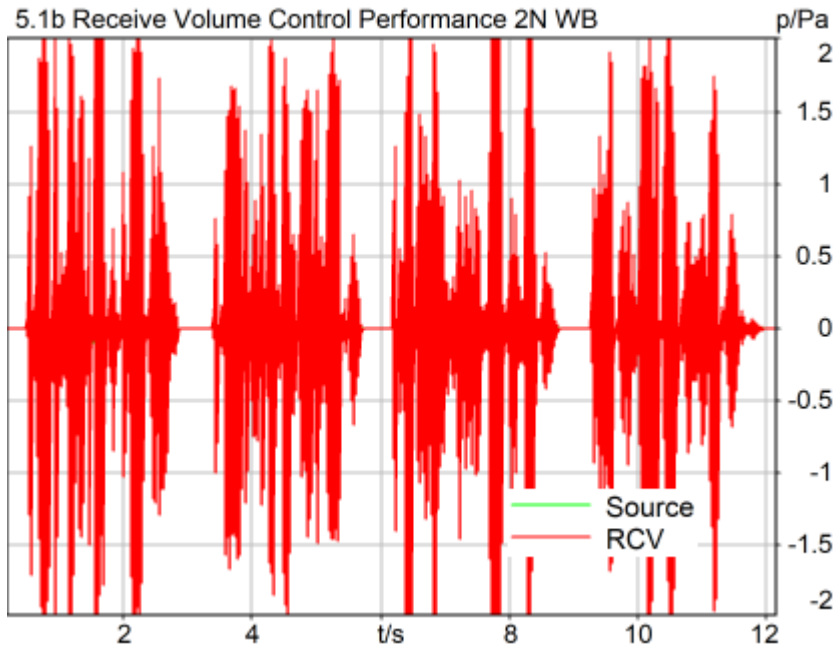
Channel	Speech level	Activity	Corrected speech level	
RCV	89.61 dB[SPL]	84.05%	19.61 dB[SPL]	Ok

Ok

2024/5/5 22:51 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N WB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	85.02 dB[SPL]	83.97%	15.02 dB[SPL]	Ok

Ok

2024/5/5 22:49 ACQUA 6.0.200

Measurement Protocol

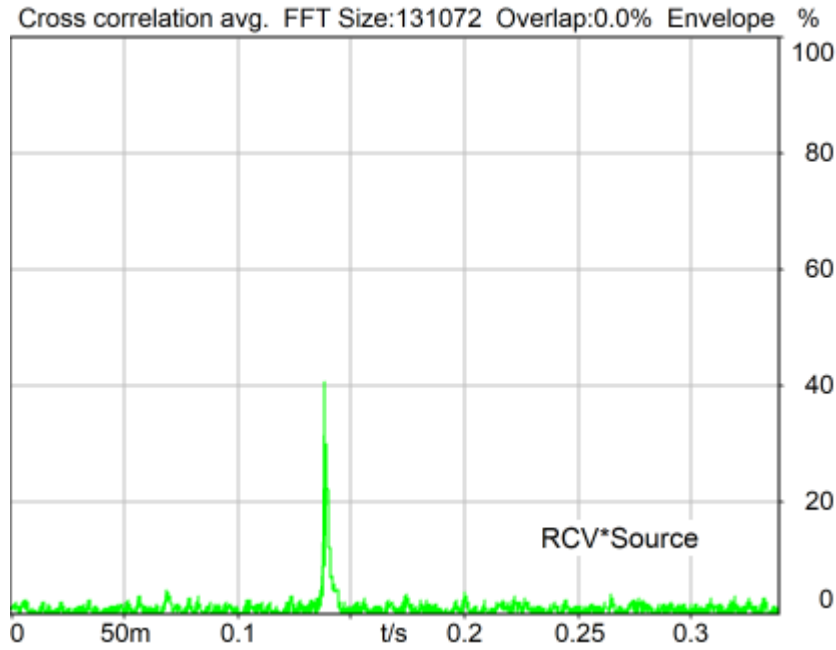
Measurement Object	LTE Band 12_10QPSK_50RB_0_AMR WB 23.85kbps_CH23095
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/22 15:39
Responsible Person	audio

Overall Receive Delay WB, Index: 1	3
5.1a Receive Volume Control Performance 8N WB, Index: 1	3
5.1b Receive Volume Control Performance 2N WB, Index: 1	4

Overall Receive Delay WB, Index: 1

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

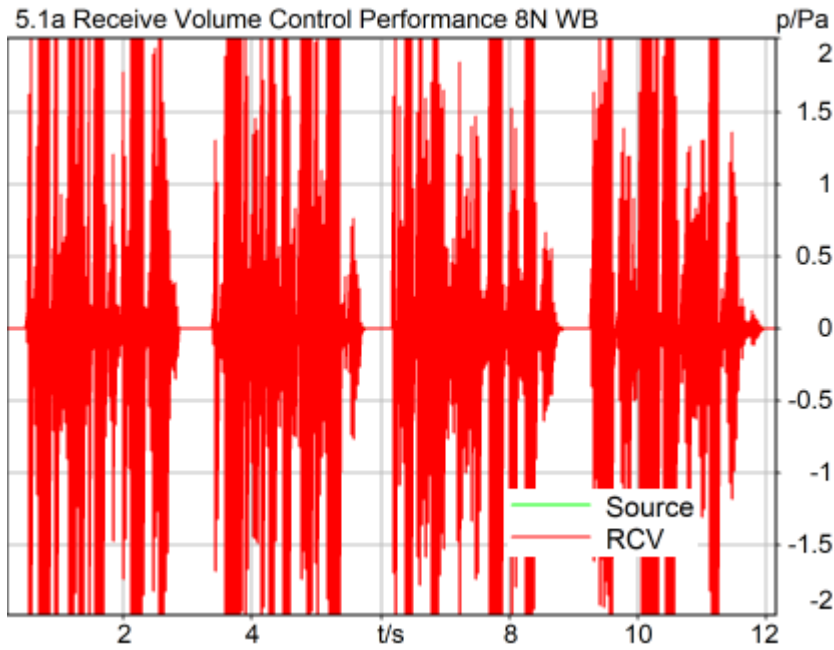


Channel	Delay
RCV*Source	139.1 ms

2024/5/5 22:48 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N WB, Index: 1

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



Correction

X - 70

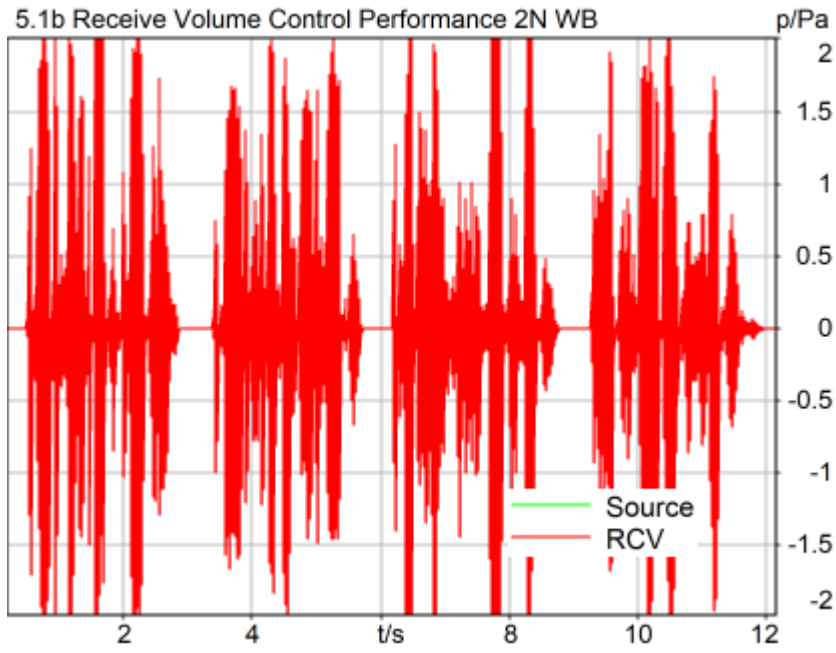
Channel	Speech level	Activity	Corrected speech level	
RCV	89.59 dB[SPL]	84.06%	19.59 dB[SPL]	Ok

Ok

2024/5/5 22:51 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N WB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	85.01 dB[SPL]	84.06%	15.01 dB[SPL]	Ok

Ok

2024/5/5 22:48 ACQUA 6.0.200

Measurement Protocol

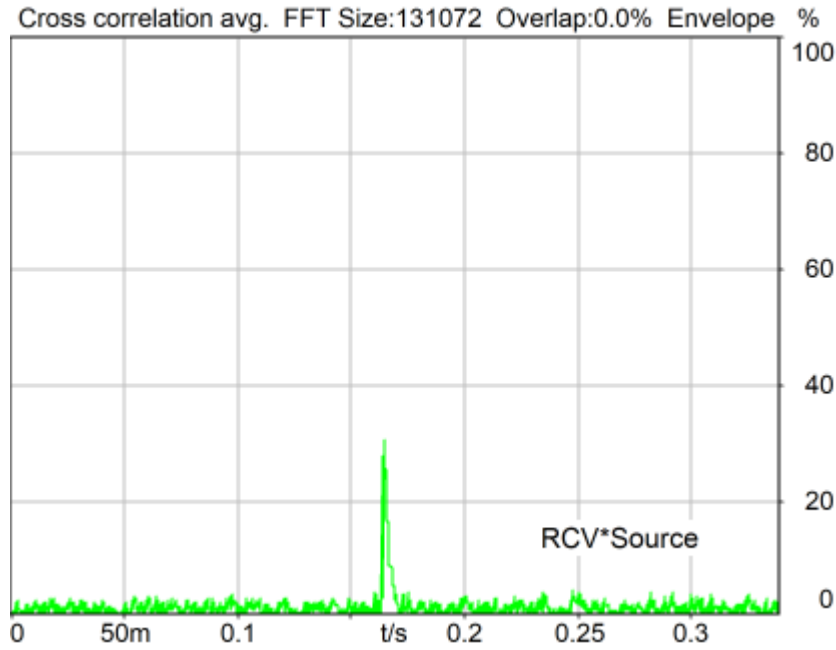
Measurement Object	LTE Band 12_10QPSK_50RB_0_EVS NB 5.9kbps_CH23095
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/22 15:39
Responsible Person	audio

Overall Receive Delay NB, Index: 1	3
5.1a Receive Volume Control Performance 8N NB, Index: 1	3
5.1b Receive Volume Control Performance 2N NB, Index: 1	4

Overall Receive Delay NB, Index: 1

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

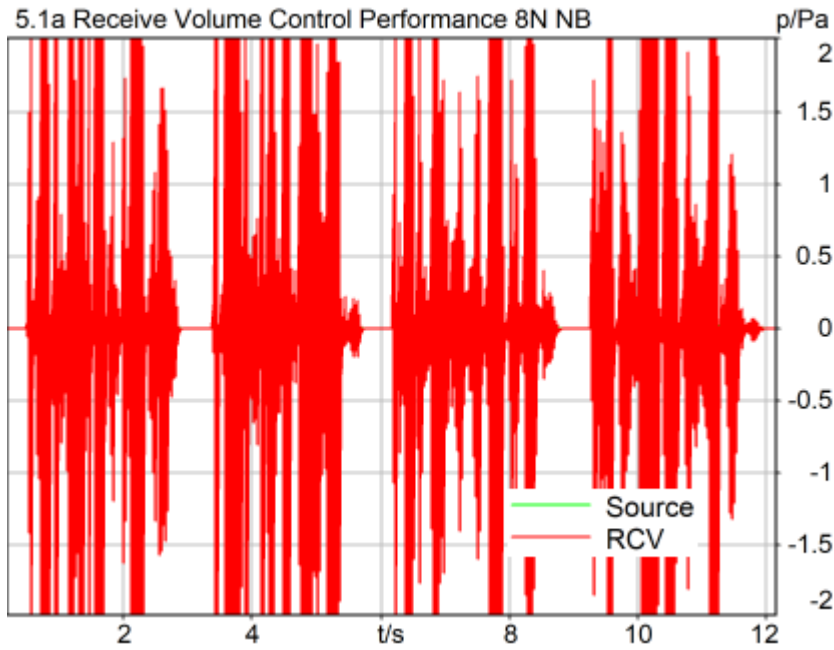


Channel	Delay
RCV*Source	165.1 ms

2024/5/5 22:41 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB, Index: 1

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



Correction

X - 70

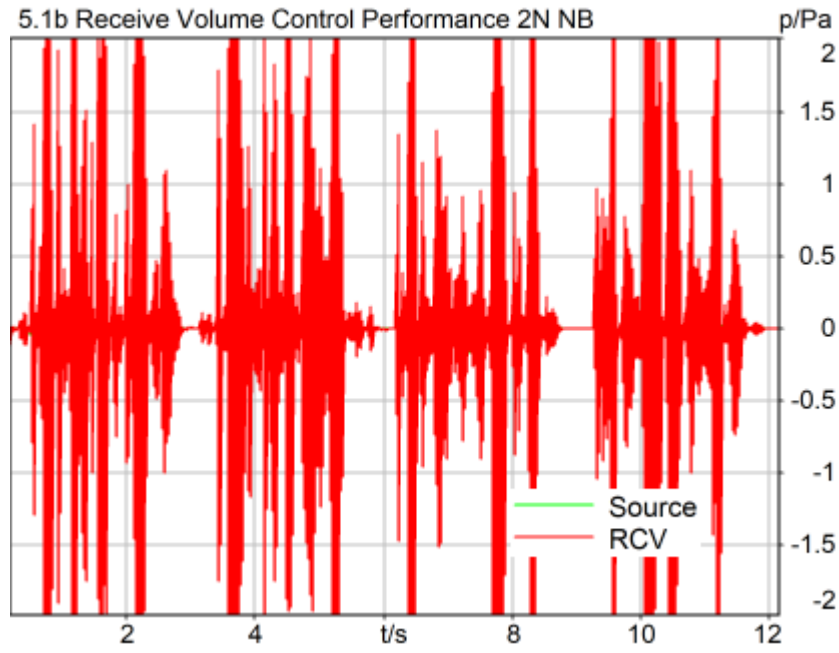
Channel	Speech level	Activity	Corrected speech level	
RCV	91.45 dB[SPL]	80.24%	21.45 dB[SPL]	Ok

Ok

2024/5/5 22:42 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N NB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	86.52 dB[SPL]	80.22%	16.52 dB[SPL]	Ok

Ok

2024/5/5 22:44 ACQUA 6.0.200

Measurement Protocol

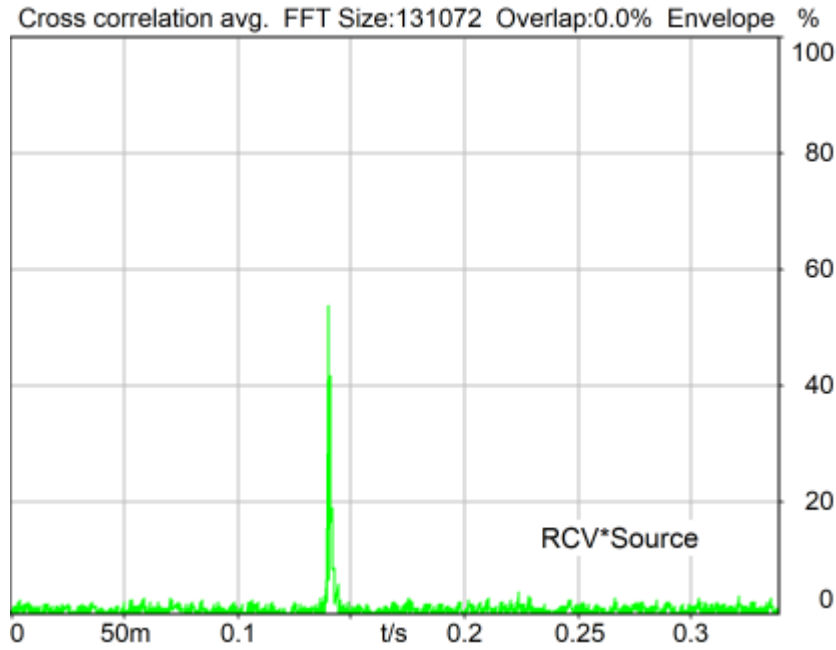
Measurement Object	LTE Band 12_10QPSK_50RB_0_EVS NB 24.4kbps_CH23095
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 15:19
Responsible Person	audio

Overall Receive Delay NB, Index: 1	3
5.1a Receive Volume Control Performance 8N NB, Index: 1	3
5.1b Receive Volume Control Performance 2N NB, Index: 1	4

Overall Receive Delay NB, Index: 1

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

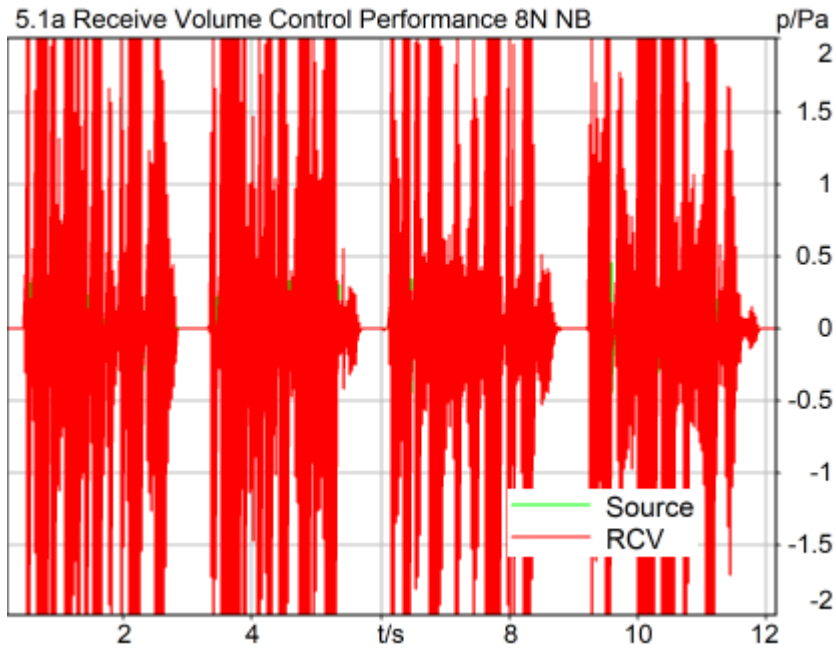


Channel	Delay
RCV*Source	140.9 ms

2024/5/5 15:46 ACQUA 6.0.200
Unmodified HEAD acoustics Measurement Descriptor

5.1a Receive Volume Control Performance 8N NB, Index: 1

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



Correction

X - 70

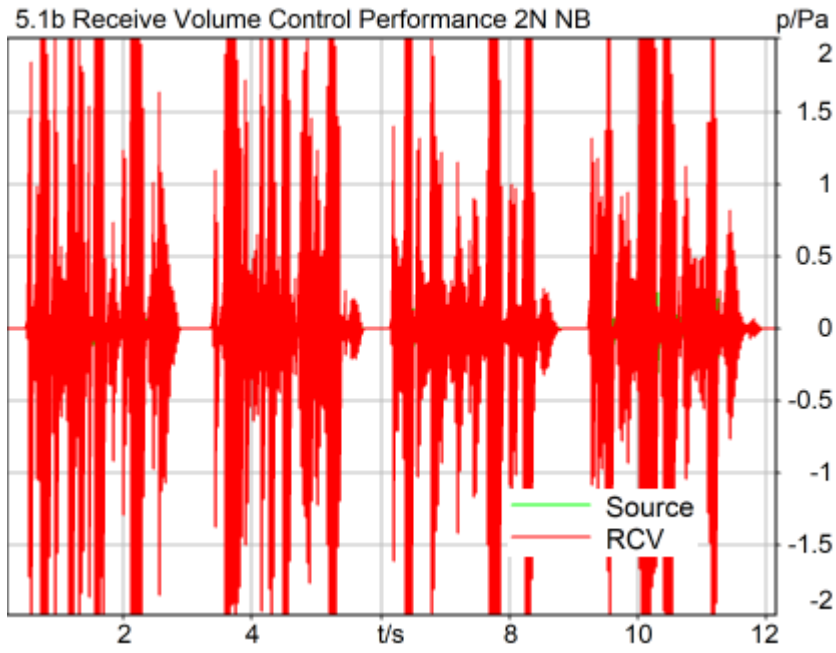
Channel	Speech level	Activity	Corrected speech level	
RCV	93.72 dB[SPL]	80.38%	23.72 dB[SPL]	Ok

Ok

2024/5/5 15:54 ACQUA 6.0.200

5.1b Receive Volume Control Performance 2N NB, Index: 1

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



Correction

X - 70

Channel	Speech level	Activity	Corrected speech level	
RCV	87.38 dB[SPL]	80.15%	17.38 dB[SPL]	Ok

Ok

2024/5/5 15:47 ACQUA 6.0.200