

Measurement Protocol

Measurement Object	FR1 n5_20_DFT-s-OFDM_AMR NB 4.75kbps_CH167300
Description	HMD_TA_1600#Tomcat

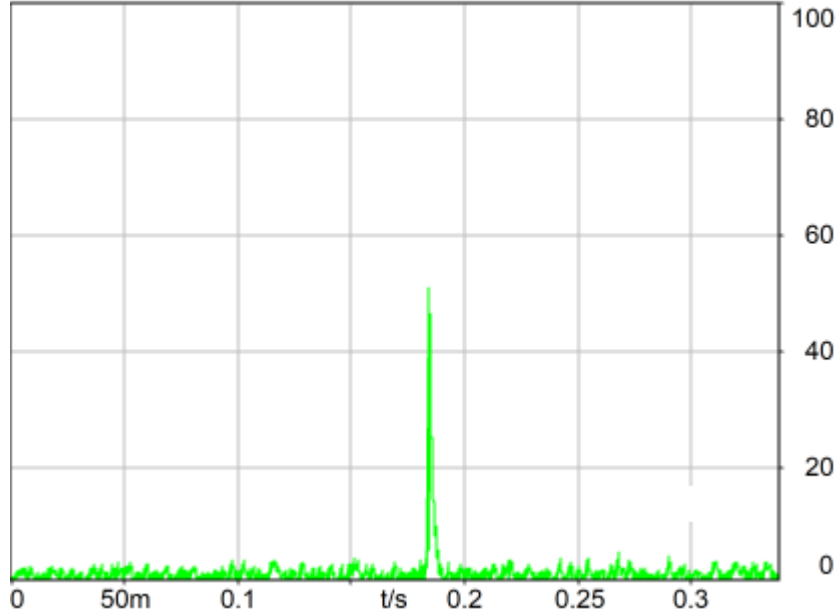
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:23
Responsible Person	audio

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 %



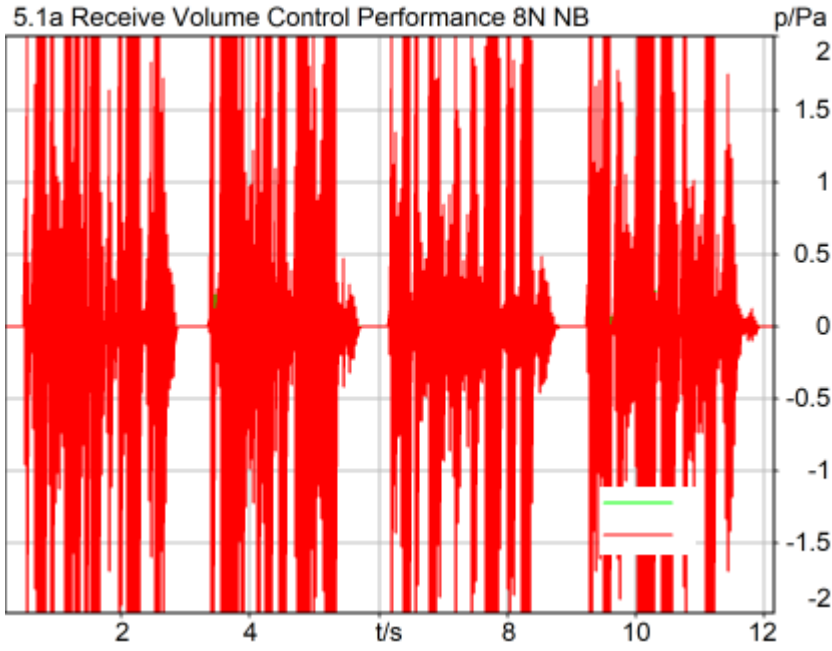
Channel	Delay
RCV*Source	184.9 ms

2024/4/28 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

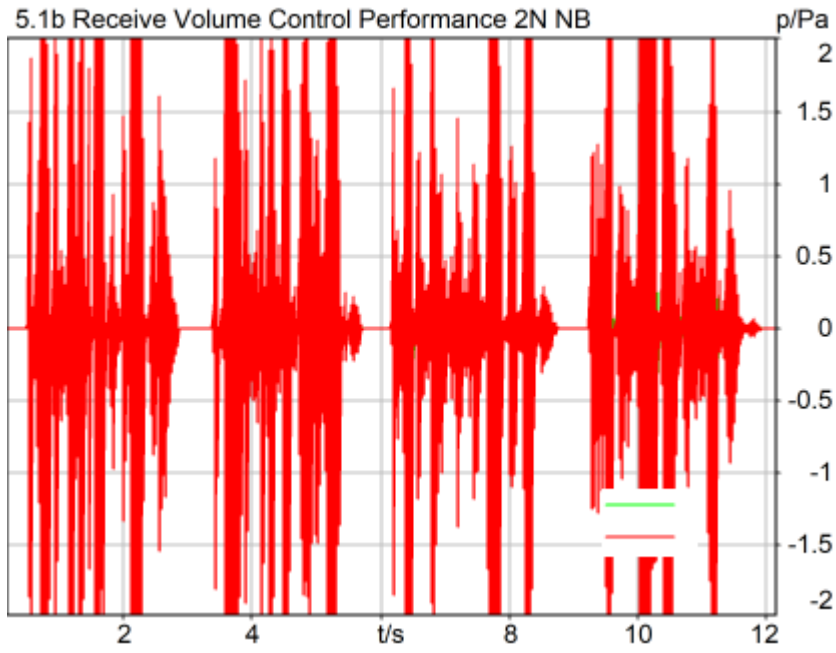
Channel	Speech level	Activity	Corrected speech level	
RCV	93.30 dB[SPL]	80.65%	23.30 dB[SPL]	Ok

Ok

2024/4/28 15:18 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	88.10 dB[SPL]	80.51%	18.10 dB[SPL]	Ok

Ok

2024/4/28 15:14 ACQUA 6.0.200

Measurement Protocol

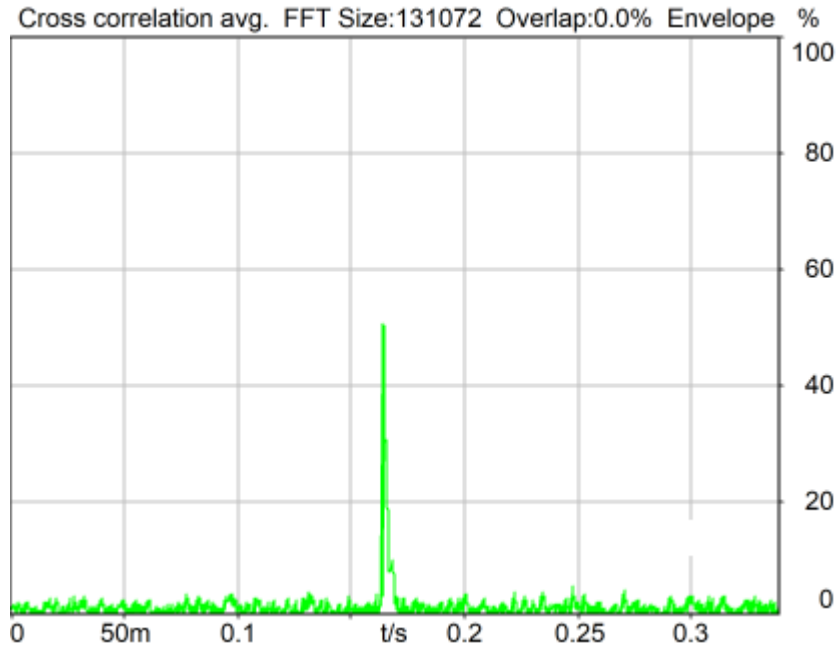
Measurement Object	FR1 n5_20_DFT-s-OFDM_AMR NB 12.2kbps_CH167300
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:23
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



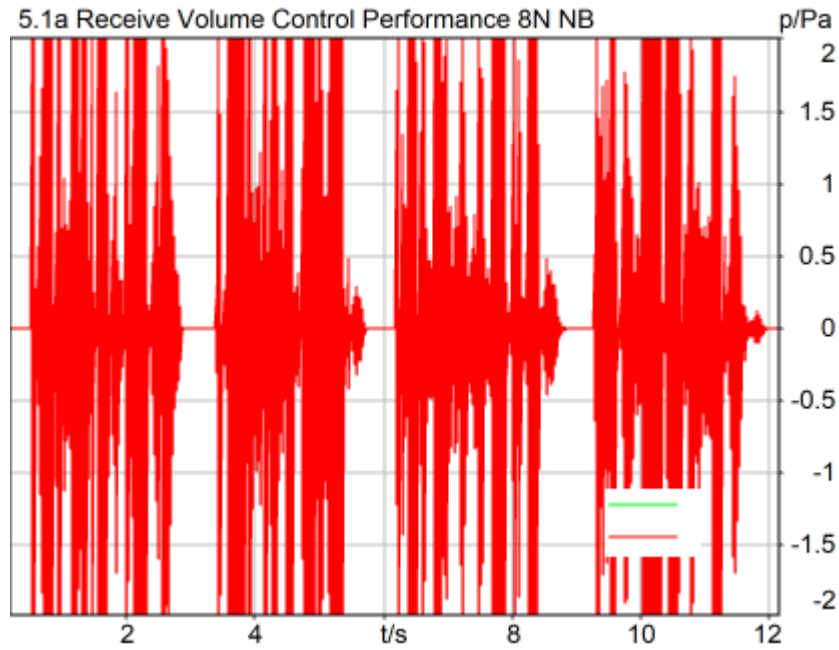
Channel	Delay
RCV*Source	165.0 ms

2024/4/28 15:15 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

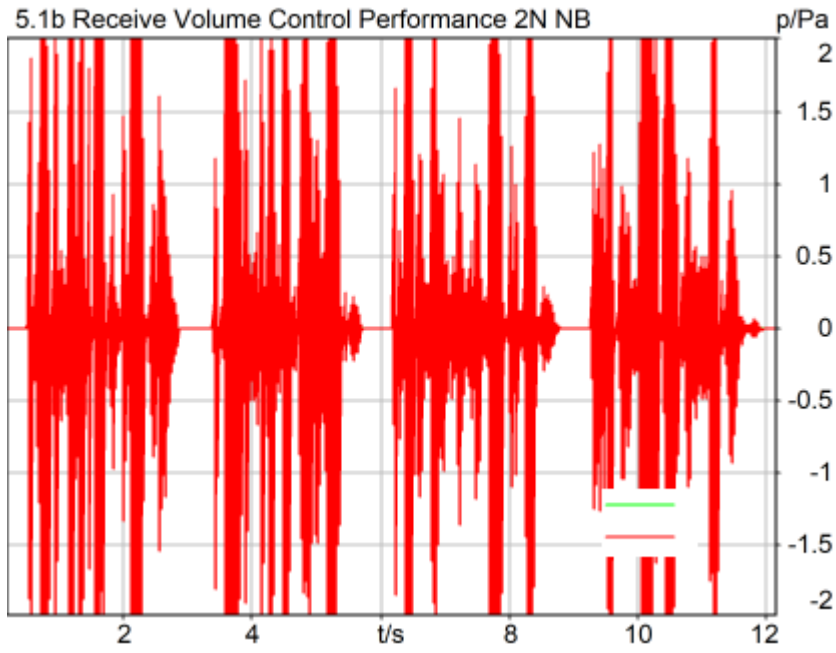
Channel	Speech level	Activity	Corrected speech level	
RCV	93.38 dB[SPL]	80.39%	23.38 dB[SPL]	Ok

Ok

2024/4/28 15:17 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	87.95 dB[SPL]	80.48%	17.95 dB[SPL]	Ok

Ok

2024/4/28 15:15 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n5_20_DFT-s-OFDM_AMR WB 6.6kbps_CH167300
Description	HMD_TA_1600#Tomcat

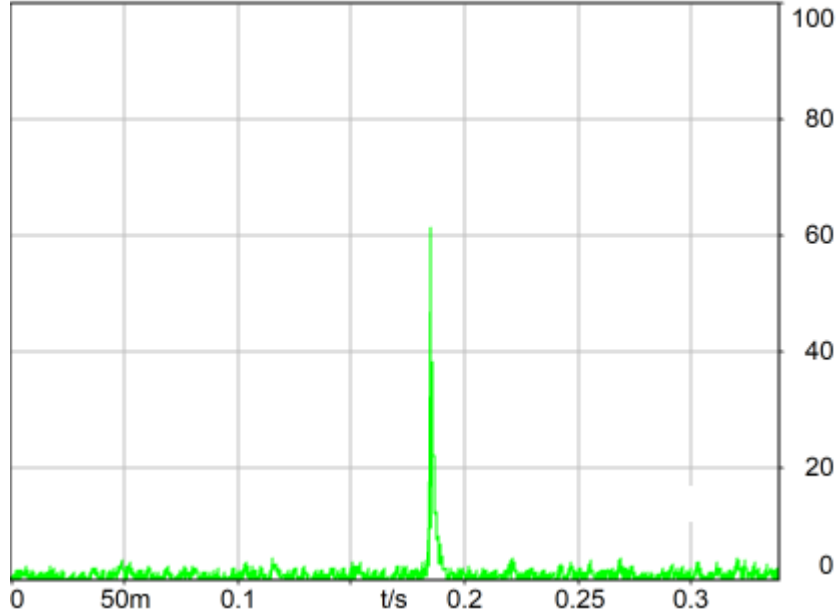
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:24
Responsible Person	audio

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 %



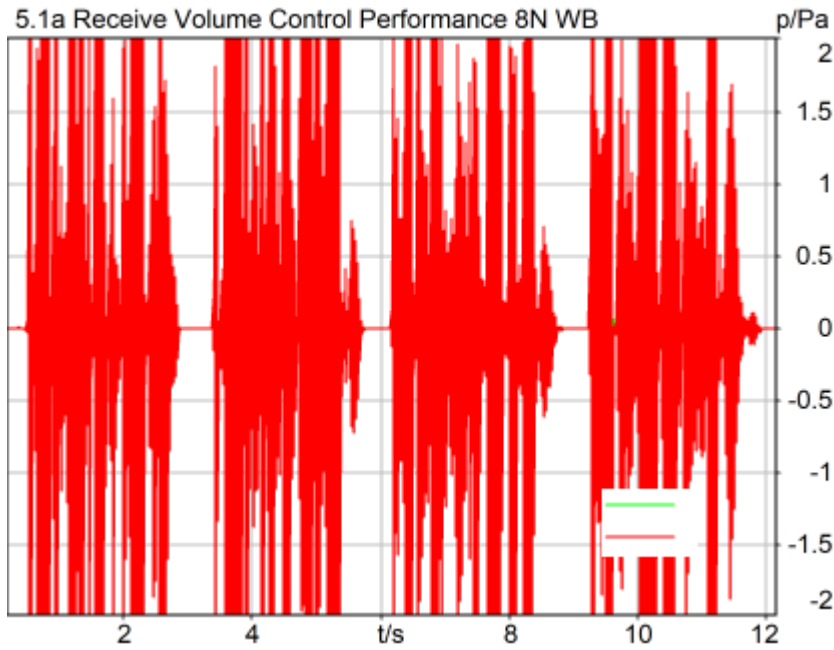
Channel	Delay
RCV*Source	185.7 ms

2024/4/28 15:22 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

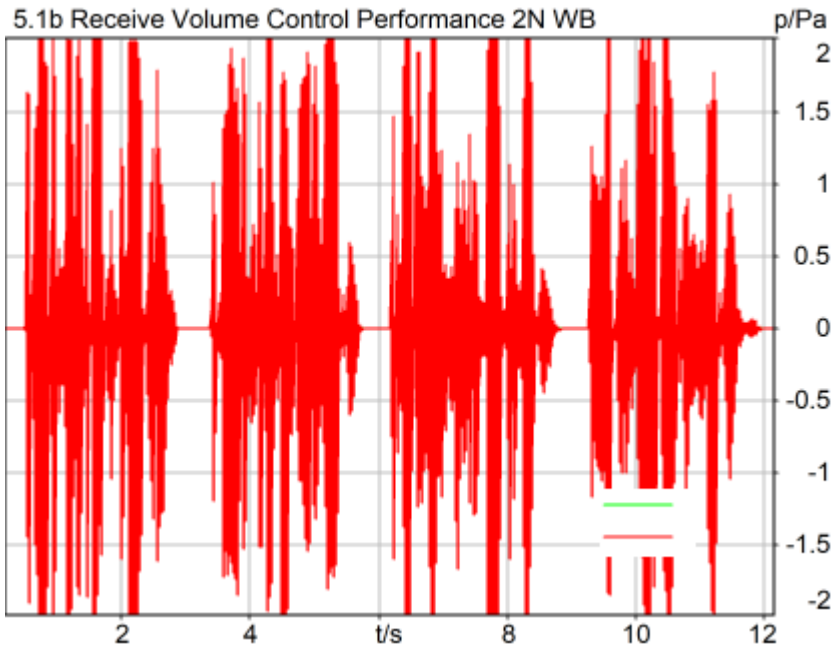
Channel	Speech level	Activity	Corrected speech level	
RCV	91.07 dB[SPL]	83.58%	21.07 dB[SPL]	Ok

Ok

2024/4/28 15:22 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	85.97 dB[SPL]	84.48%	15.97 dB[SPL]	Ok

Ok

2024/4/28 15:26 ACQUA 6.0.200

Measurement Protocol

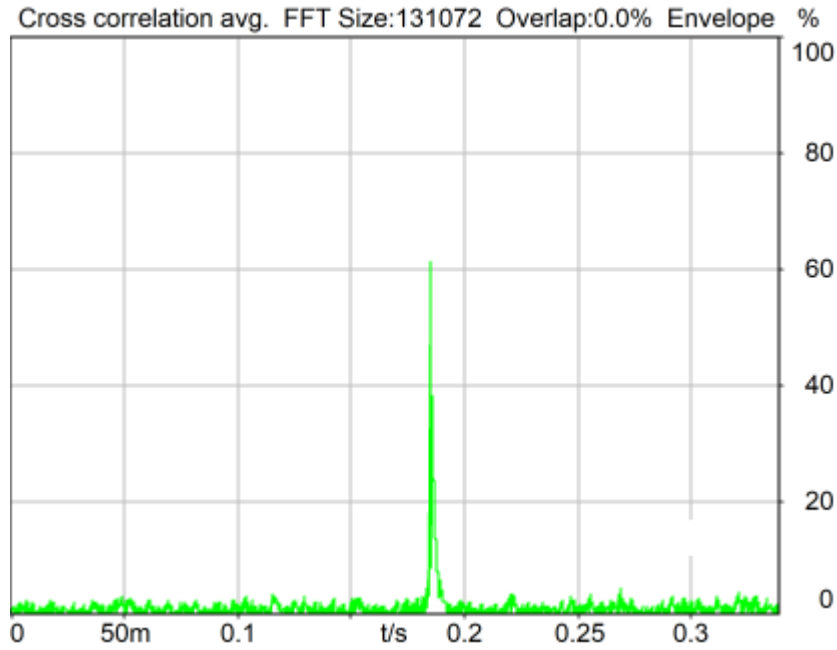
Measurement Object	FR1 n5_20_DFT-s-OFDM_AMR WB 23.85kbps_CH167300
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:24
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



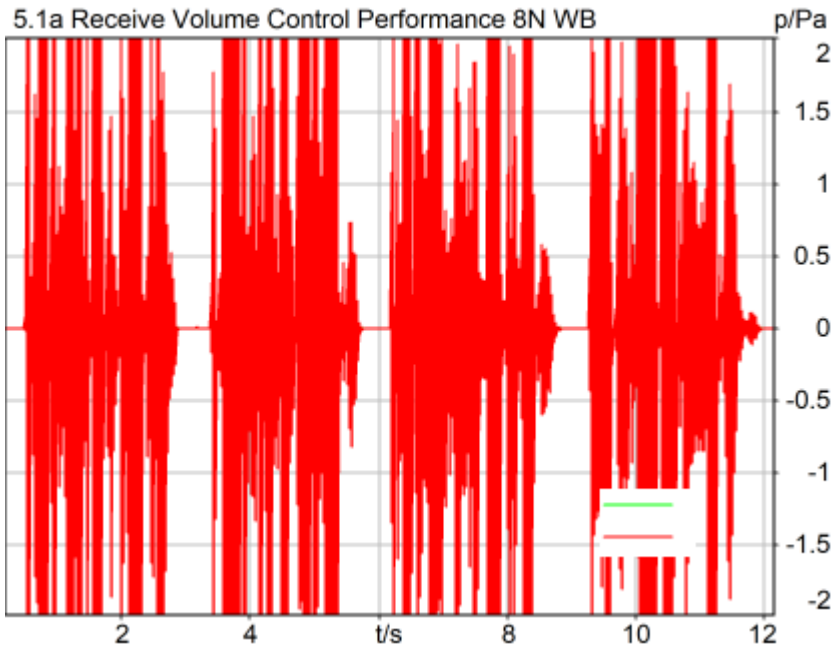
Channel	Delay
RCV*Source	185.9 ms

2024/4/28 15:22 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

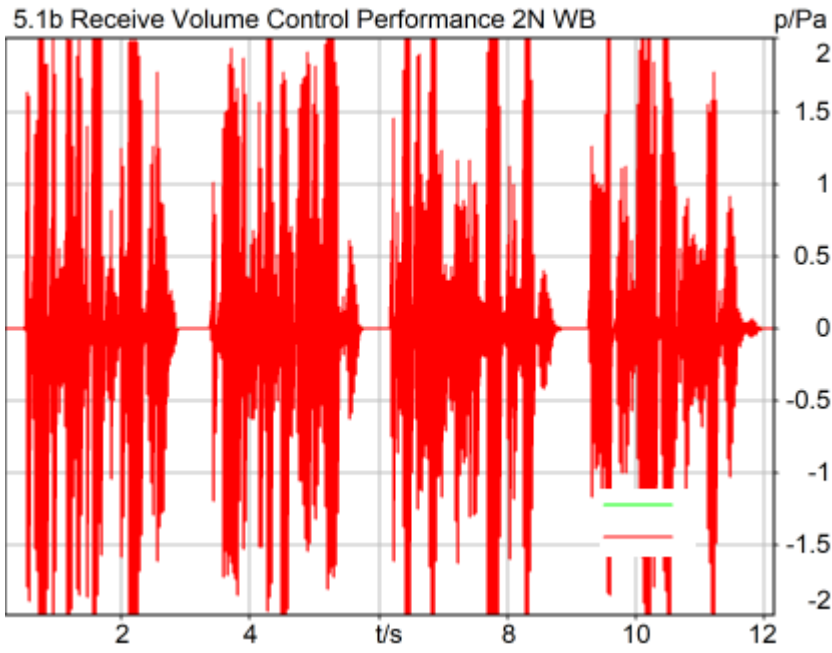
Channel	Speech level	Activity	Corrected speech level	
Rcv	91.12 dB[SPL]	83.65%	21.12 dB[SPL]	Ok

Ok

2024/4/28 15:23 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	85.97 dB[SPL]	84.42%	15.97 dB[SPL]	Ok

Ok

2024/4/28 15:25 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n5_20_DFT-s-OFDM_EVS NB 5.9kbps_CH167300
Description	HMD_TA_1600#Tomcat

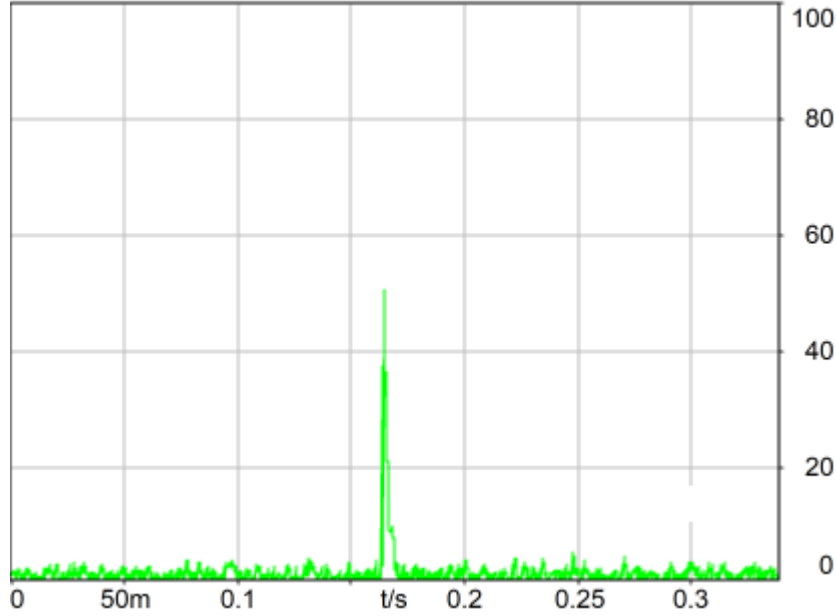
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:25
Responsible Person	audio

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 %



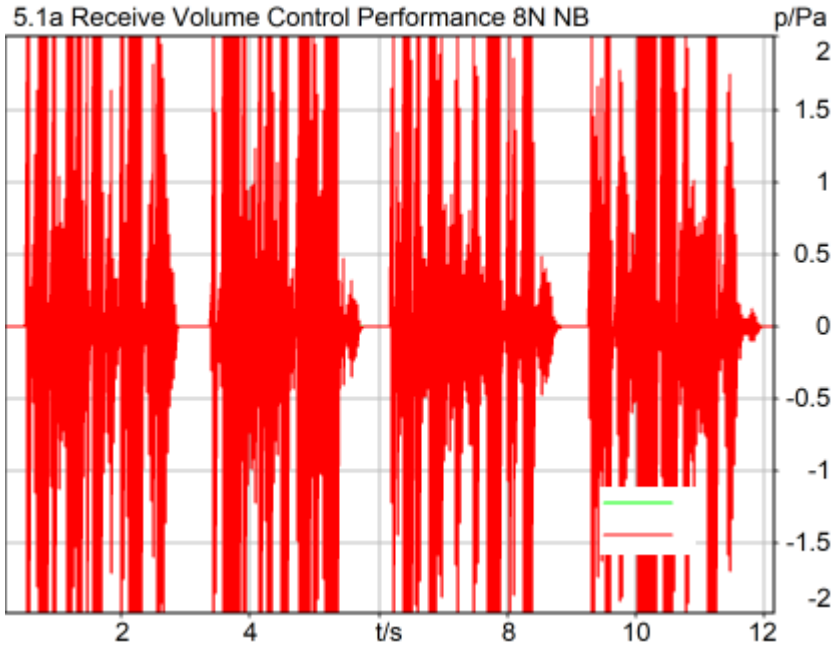
Channel	Delay
RCV*Source	165.2 ms

2024/4/28 15:16 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

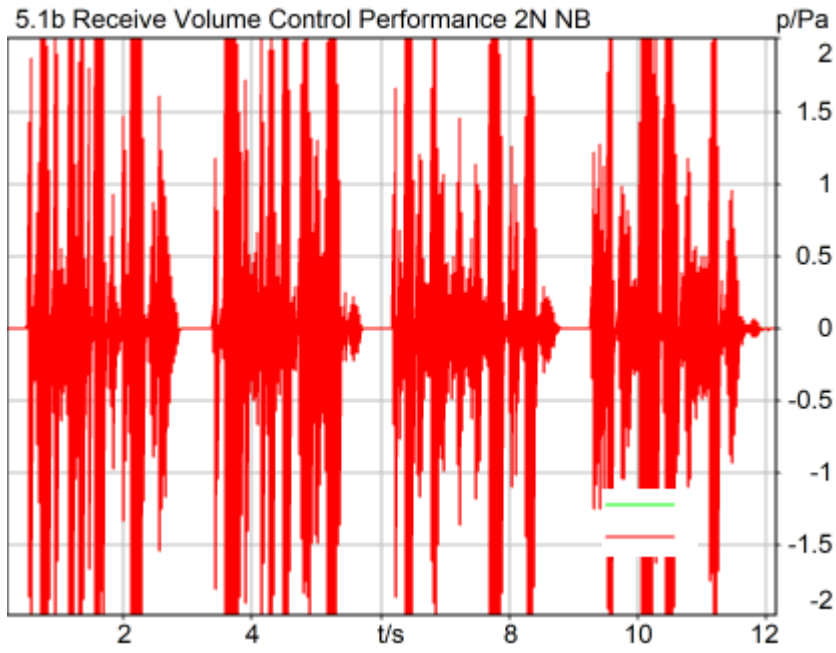
Channel	Speech level	Activity	Corrected speech level	
RCV	93.18 dB[SPL]	80.70%	23.18 dB[SPL]	Ok

Ok

2024/4/28 15:17 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	87.97 dB[SPL]	80.53%	17.97 dB[SPL]	Ok

Ok

2024/4/28 15:16 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n5_20_DFT-s-OFDM_EVS NB 24.4kbps_CH167300
Description	HMD_TA_1600#Tomcat

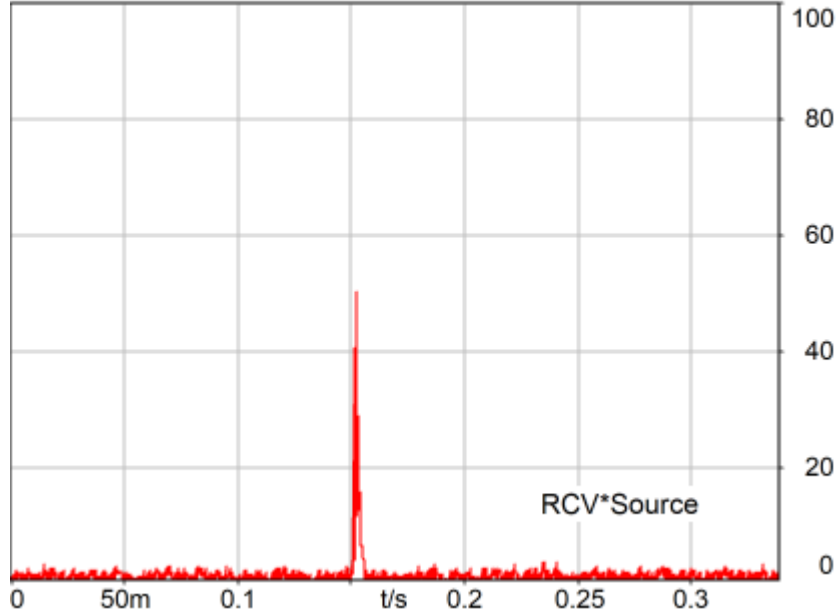
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 16:00
Responsible Person	audio

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

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



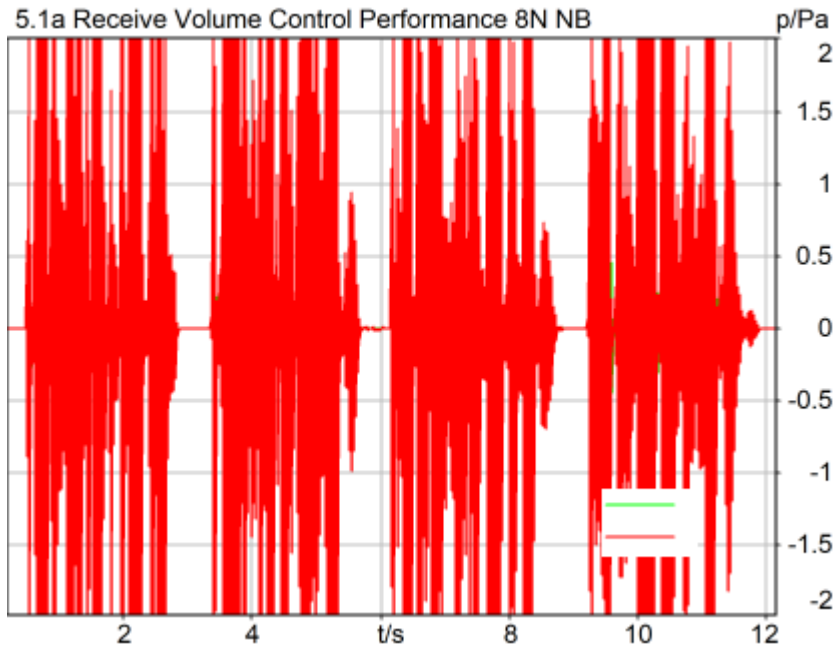
Channel	Delay
RCV*Source	152.3 ms

2024/4/26 13:39 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

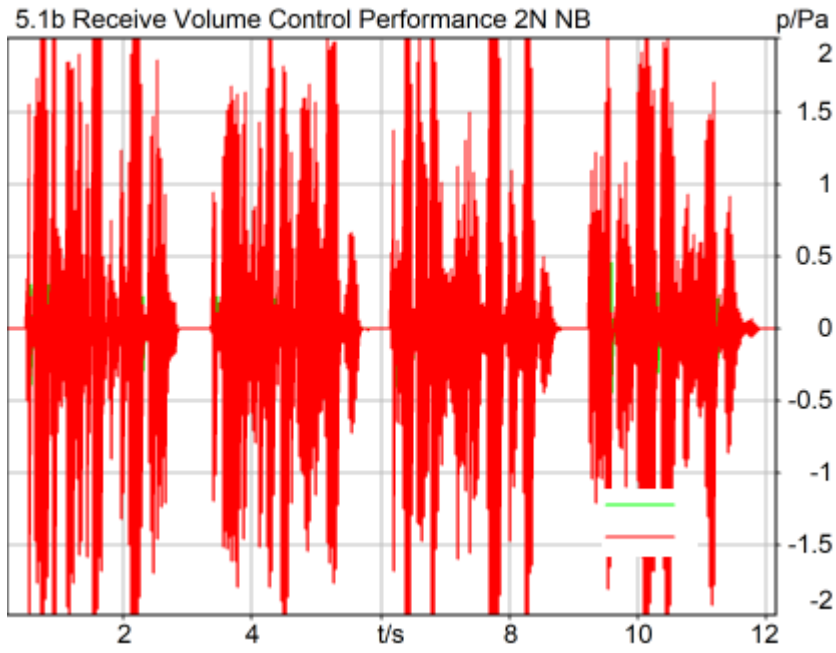
Channel	Speech level	Activity	Corrected speech level	
RCV	91.97 dB[SPL]	84.59%	21.97 dB[SPL]	Ok

Ok

2024/4/26 14:14 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	85.56 dB[SPL]	84.71%	15.56 dB[SPL]	Ok

Ok

2024/4/26 14:21 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n5_20_DFT-s-OFDM_EVS WB 9.6kbps_CH167300
Description	HMD_TA_1600#Tomcat

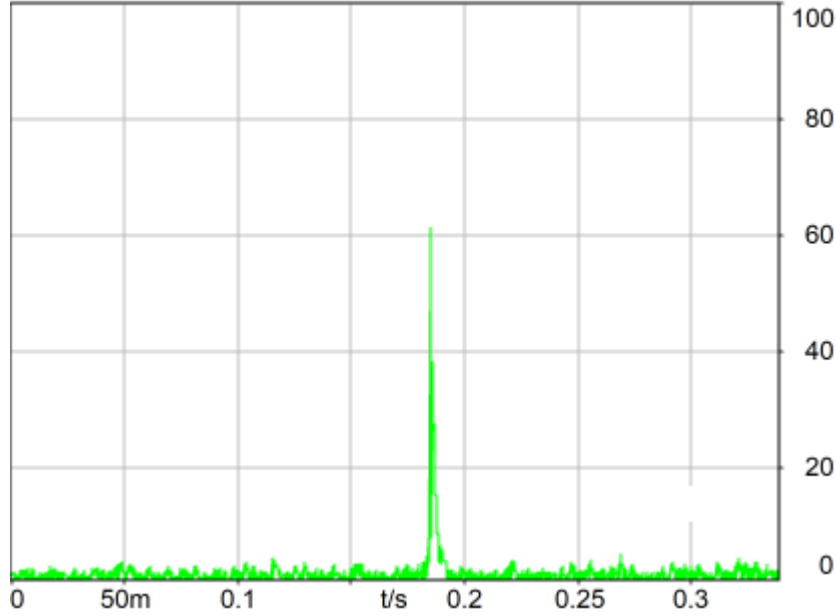
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:25
Responsible Person	audio

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 %



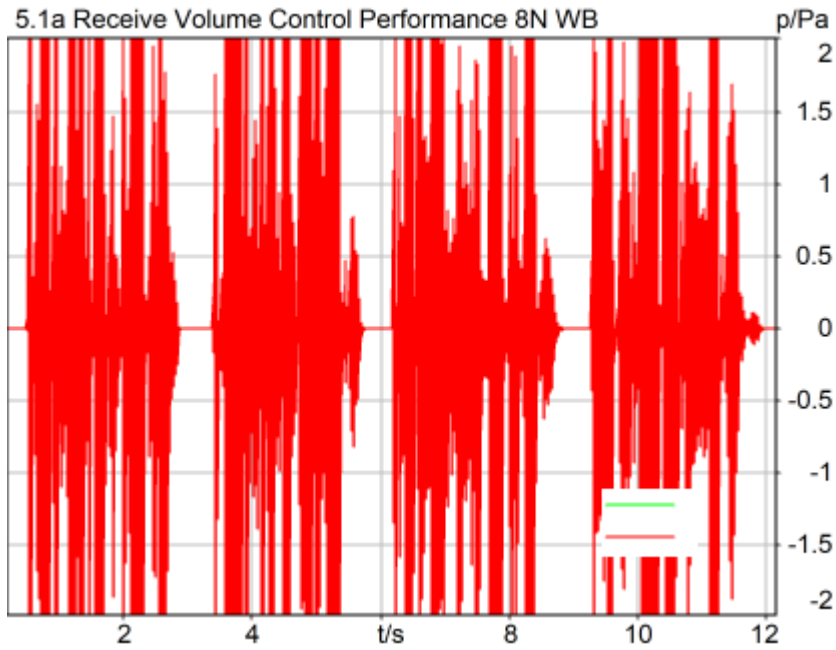
Channel	Delay
RCV*Source	186.0 ms

2024/4/28 15:23 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

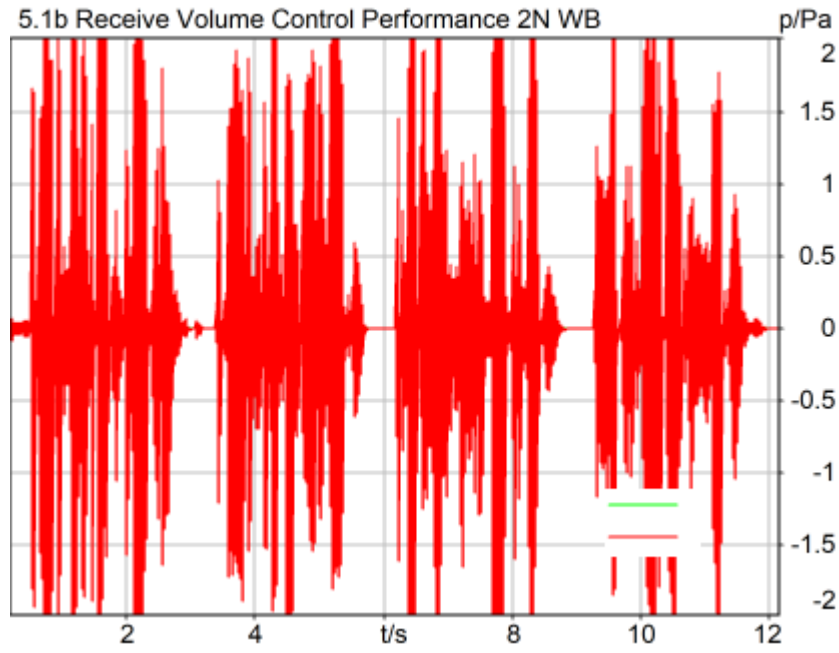
Channel	Speech level	Activity	Corrected speech level	
RCV	91.09 dB[SPL]	83.37%	21.09 dB[SPL]	Ok

Ok

2024/4/28 15:23 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	86.16 dB[SPL]	84.28%	16.16 dB[SPL]	Ok

Ok

2024/4/28 15:25 ACQUA 6.0.200

Measurement Protocol

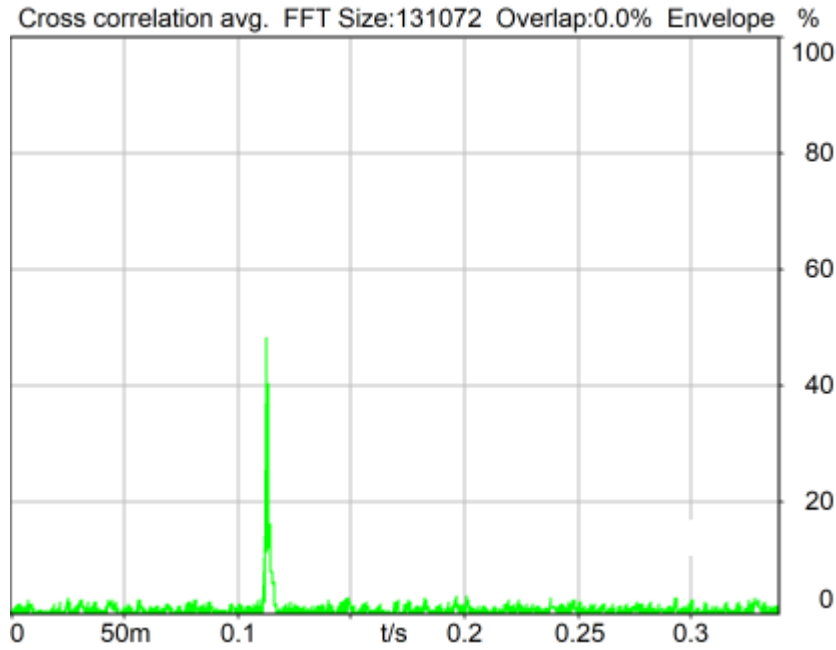
Measurement Object	FR1 n5_20_DFT-s-OFDM_EVS WB 24.4kbps_CH167300
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 16:00
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

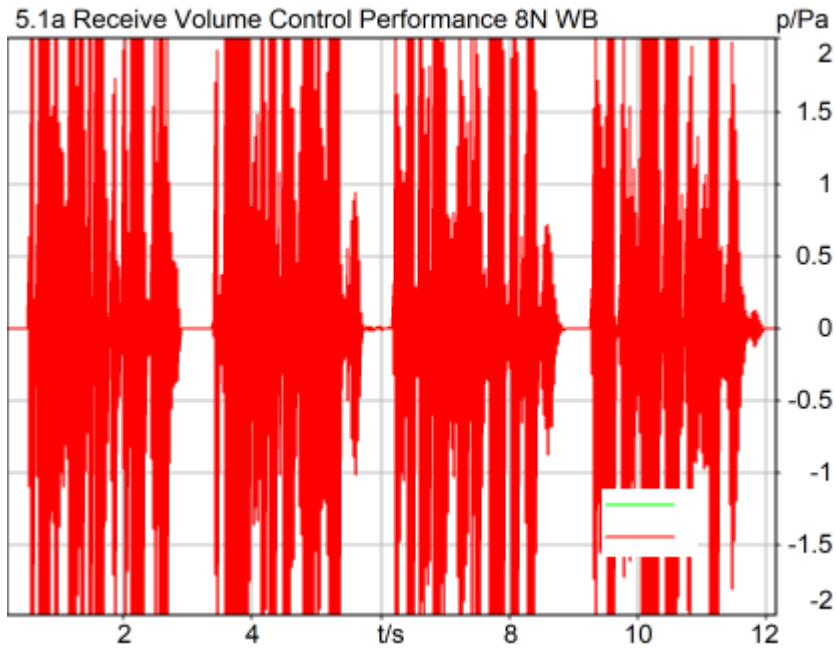


Channel	Delay
RCV*Source	113.2 ms

2024/4/26 13:45 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

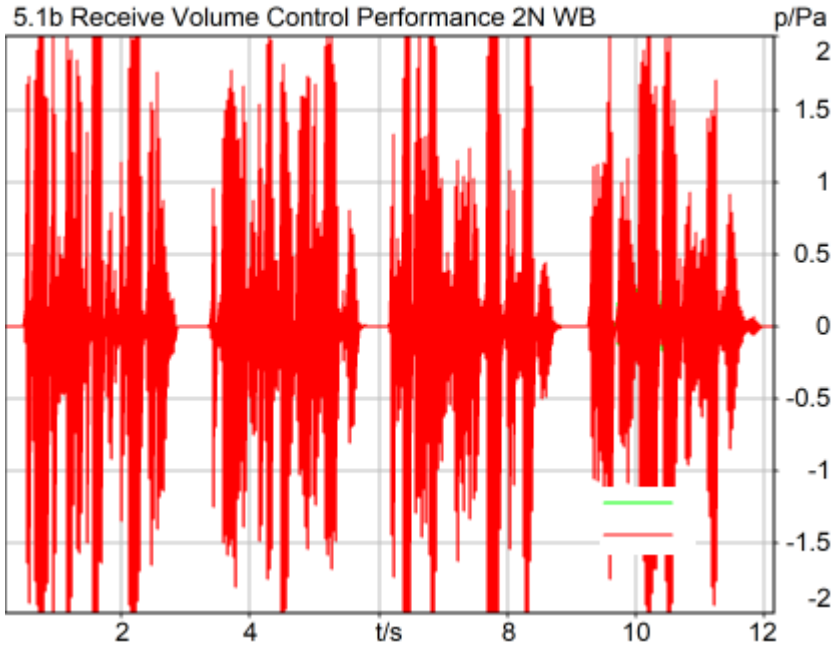
Channel	Speech level	Activity	Corrected speech level	
RCV	92.14 dB[SPL]	84.58%	22.14 dB[SPL]	Ok

Ok

2024/4/26 14:13 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	85.51 dB[SPL]	84.50%	15.51 dB[SPL]	Ok

Ok

2024/4/26 14:26 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n7_20_DFT-s-OFDM_AMR NB 4.75kbps_CH507000
Description	HMD_TA_1600#Tomcat

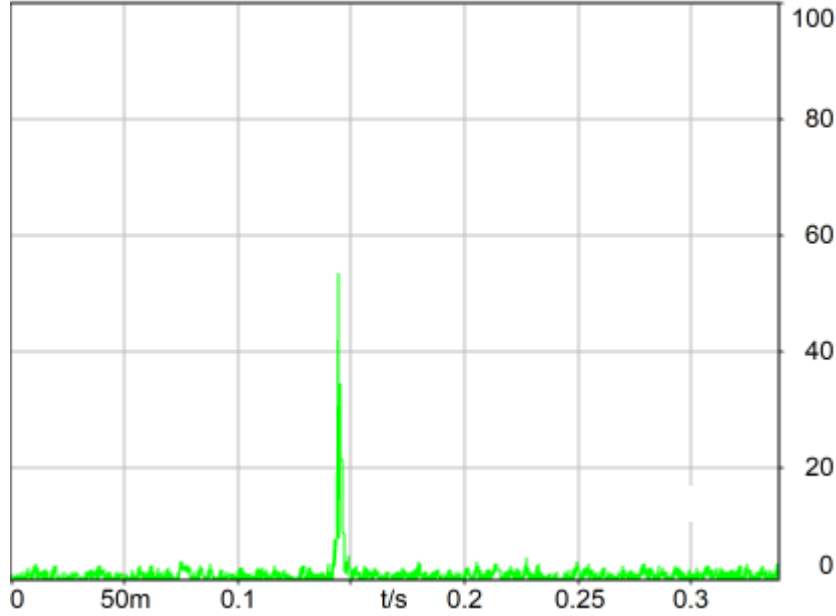
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:44
Responsible Person	audio

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 %



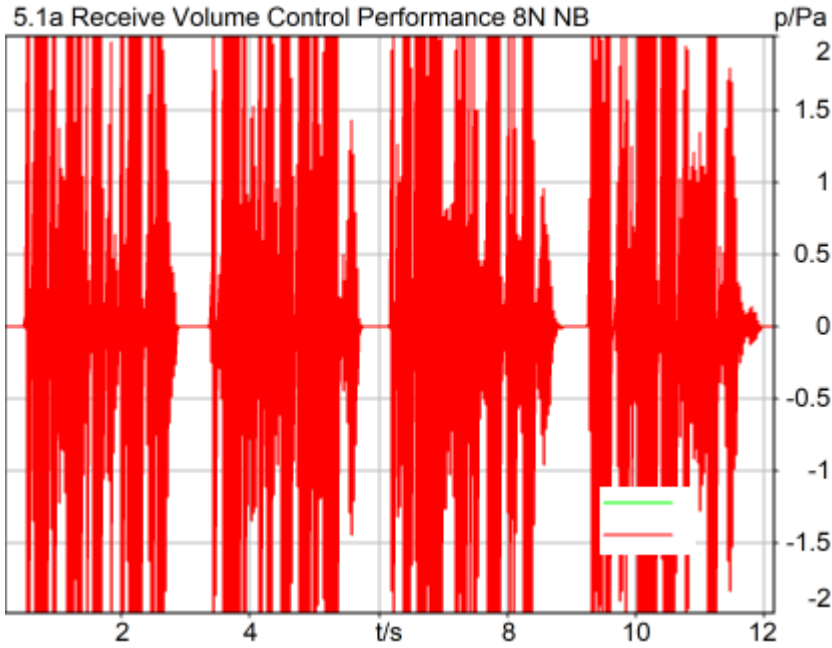
Channel	Delay
RCV*Source	144.5 ms

2024/4/28 15:54 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

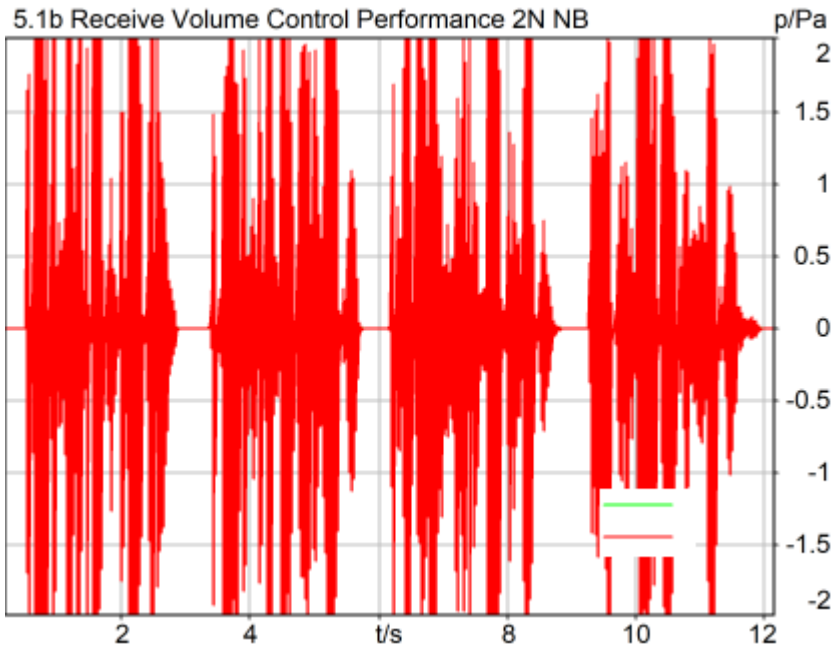
Channel	Speech level	Activity	Corrected speech level	
RCV	92.80 dB[SPL]	84.38%	22.80 dB[SPL]	Ok

Ok

2024/4/28 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	88.04 dB[SPL]	84.54%	18.04 dB[SPL]	Ok

Ok

2024/4/28 15:56 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n7_20_DFT-s-OFDM_AMR NB 12.2kbps_CH507000
Description	HMD_TA_1600#Tomcat

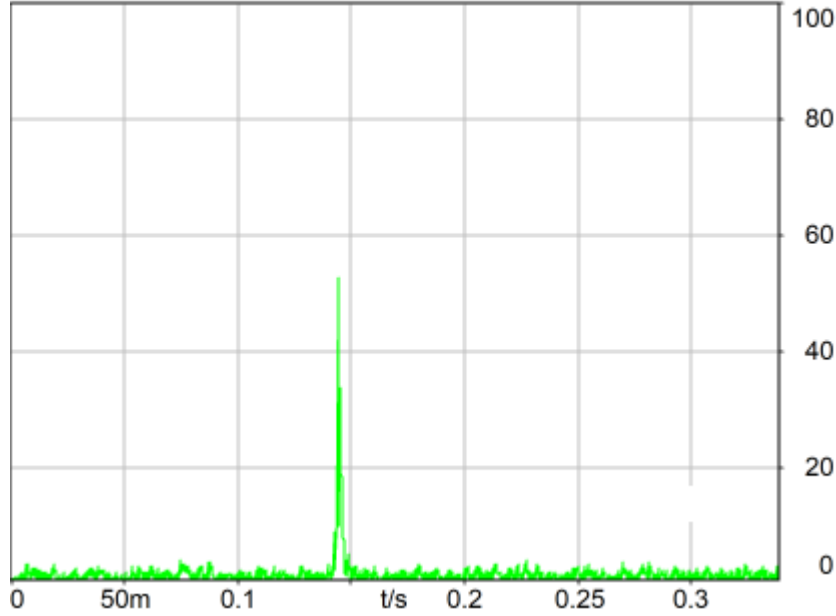
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:44
Responsible Person	audio

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 %



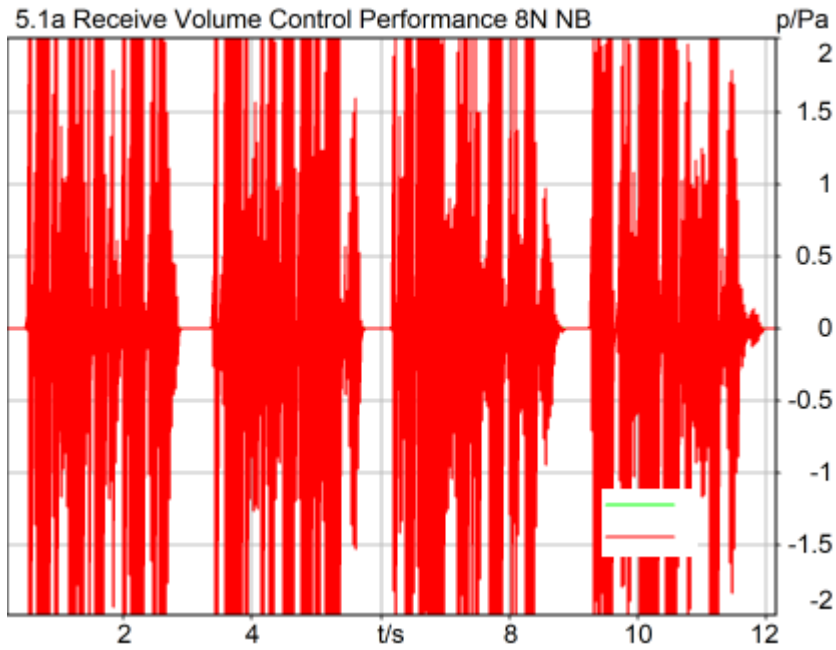
Channel	Delay
RCV*Source	144.4 ms

2024/4/28 15:53 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

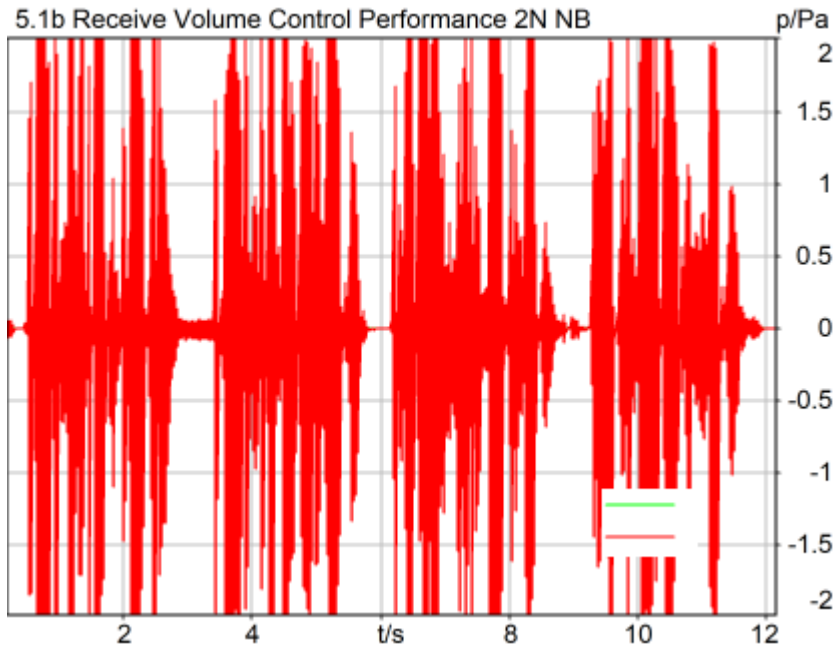
Channel	Speech level	Activity	Corrected speech level	
RCV	92.82 dB[SPL]	84.28%	22.82 dB[SPL]	Ok

Ok

2024/4/28 15:53 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	88.05 dB[SPL]	84.73%	18.05 dB[SPL]	Ok

Ok

2024/4/28 15:56 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n7_20_DFT-s-OFDM_AMR WB 6.6kbps_CH507000
Description	HMD_TA_1600#Tomcat

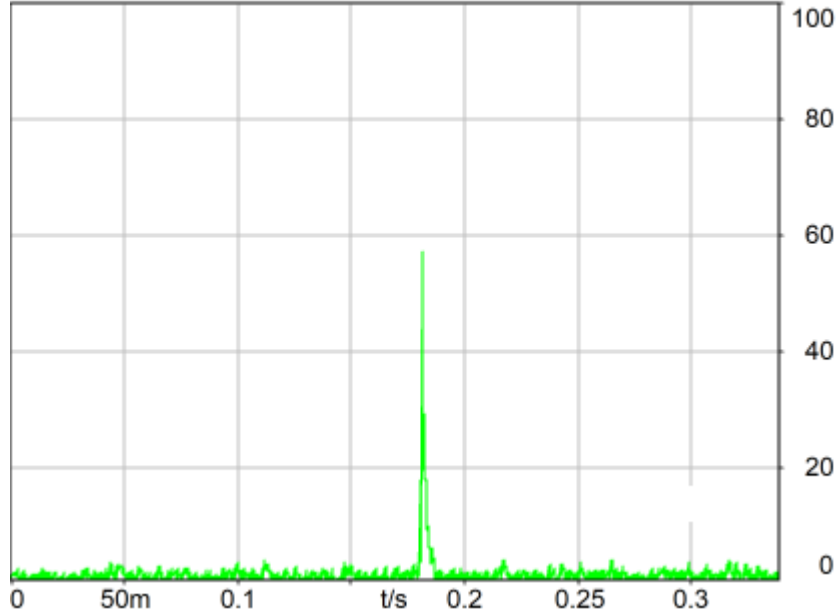
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:45
Responsible Person	audio

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 %



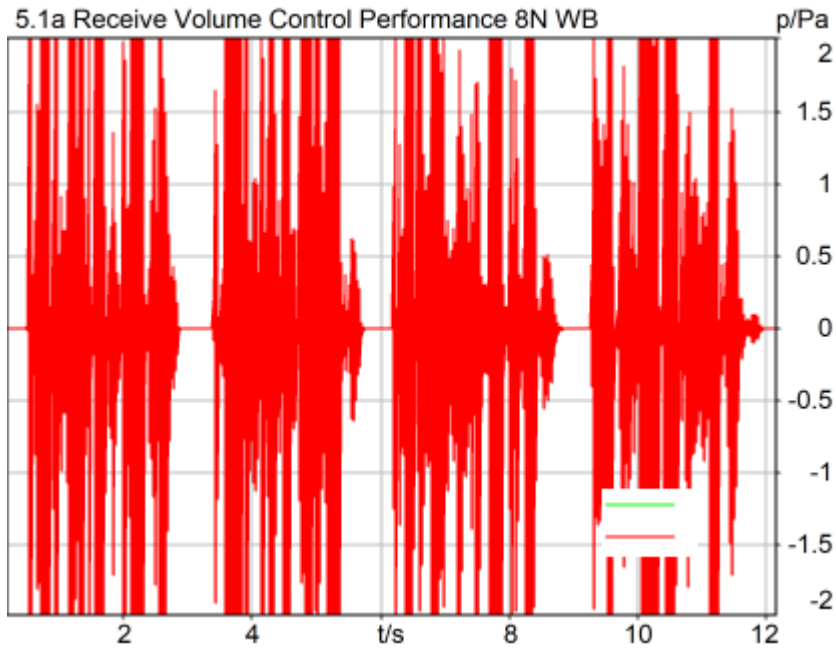
Channel	Delay
RCV*Source	181.8 ms

2024/4/28 15:59 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

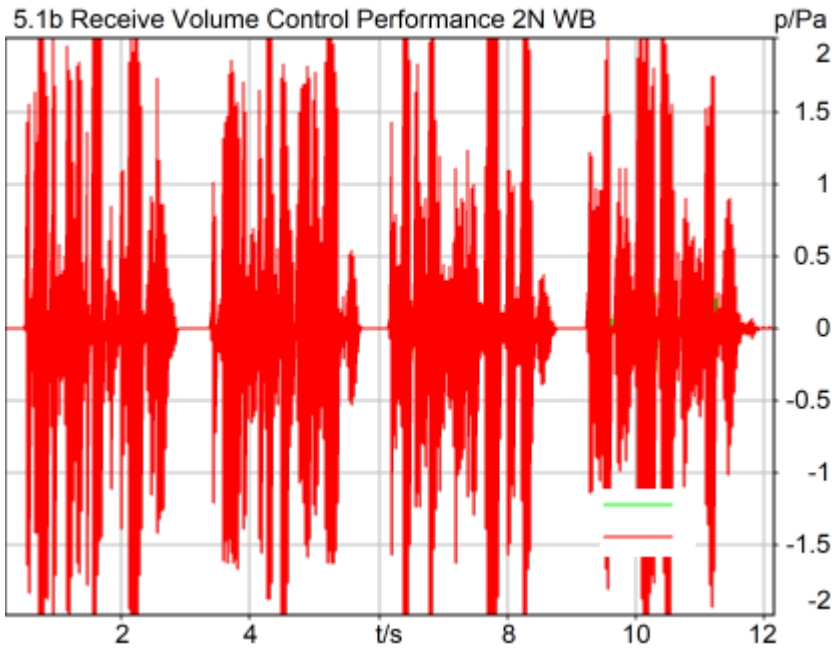
Channel	Speech level	Activity	Corrected speech level	
Rcv	90.05 dB[SPL]	84.59%	20.05 dB[SPL]	Ok

Ok

2024/4/28 16:03 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	85.84 dB[SPL]	83.59%	15.84 dB[SPL]	Ok

Ok

2024/4/28 15:59 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n7_20_DFT-s-OFDM_AMR WB 23.85kbps_CH507000
Description	HMD_TA_1600#Tomcat

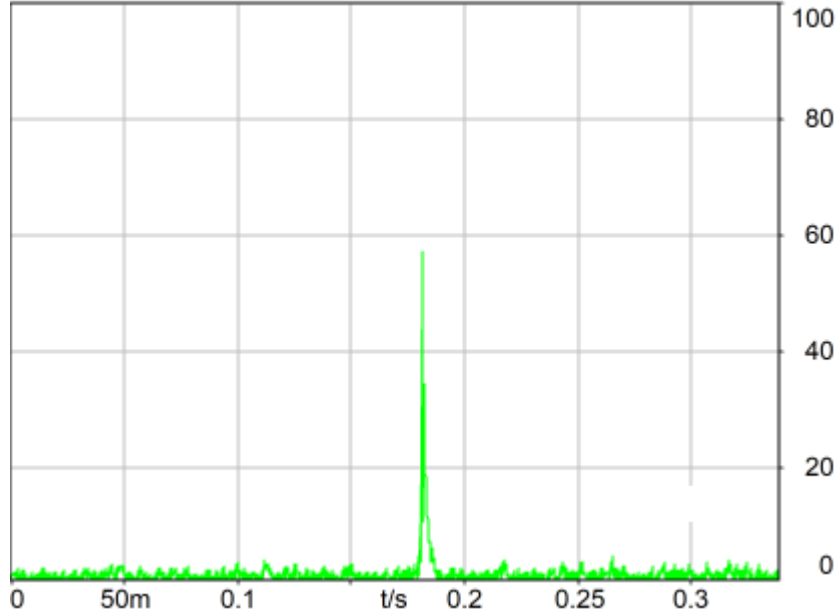
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:45
Responsible Person	audio

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 %



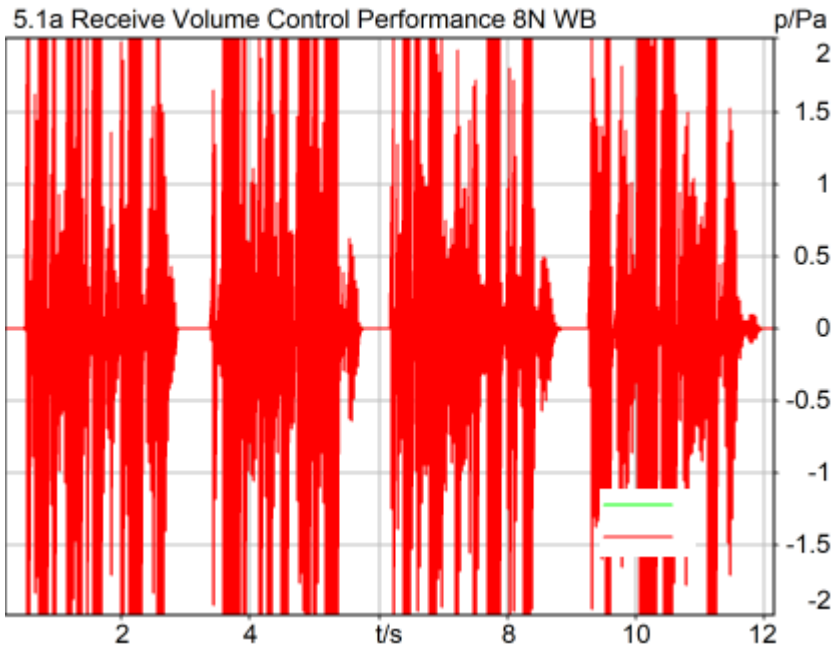
Channel	Delay
RCV*Source	182.0 ms

2024/4/28 15:59 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

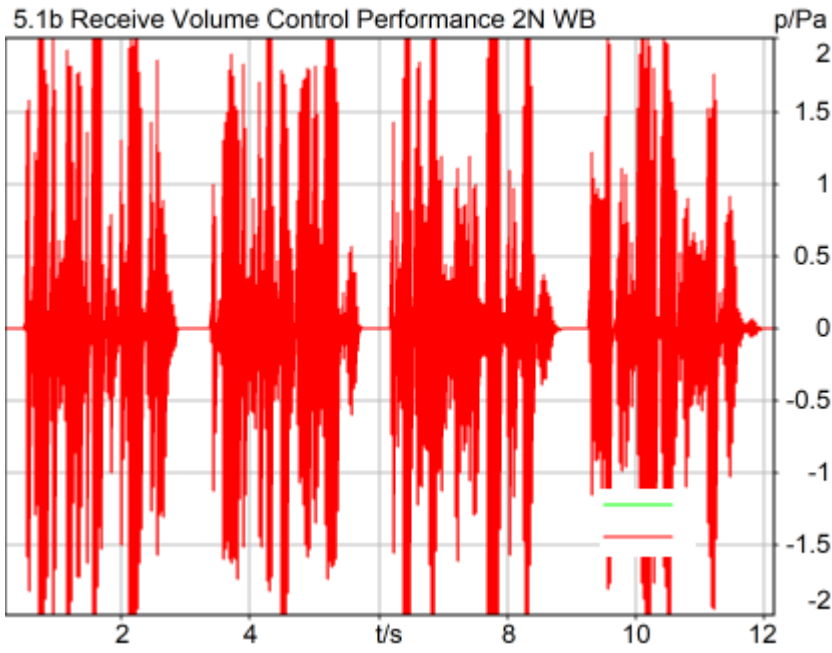
Channel	Speech level	Activity	Corrected speech level	
RCV	89.97 dB[SPL]	84.35%	19.97 dB[SPL]	Ok

Ok

2024/4/28 16:03 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	85.91 dB[SPL]	83.58%	15.91 dB[SPL]	Ok

Ok

2024/4/28 16:00 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n7_20_DFT-s-OFDM_EVS NB 5.9kbps_CH507000
Description	HMD_TA_1600#Tomcat

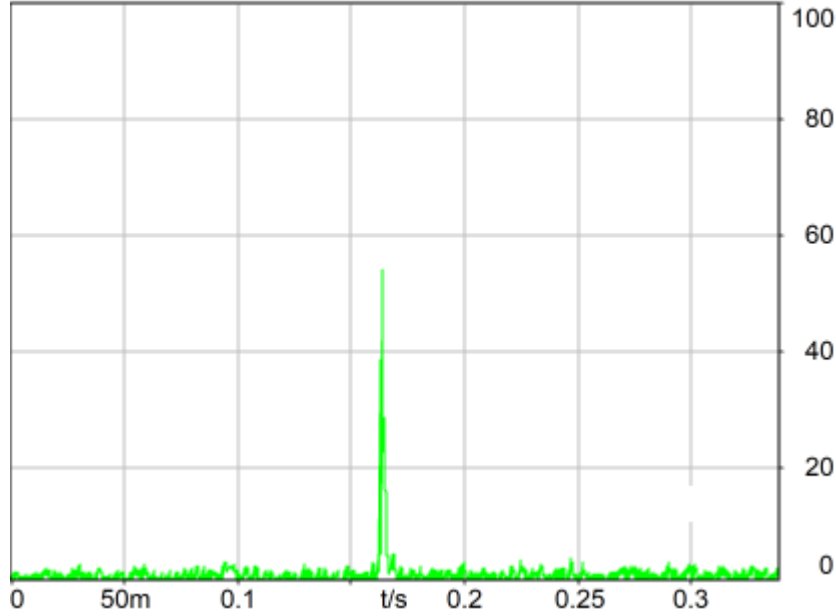
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:46
Responsible Person	audio

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 %



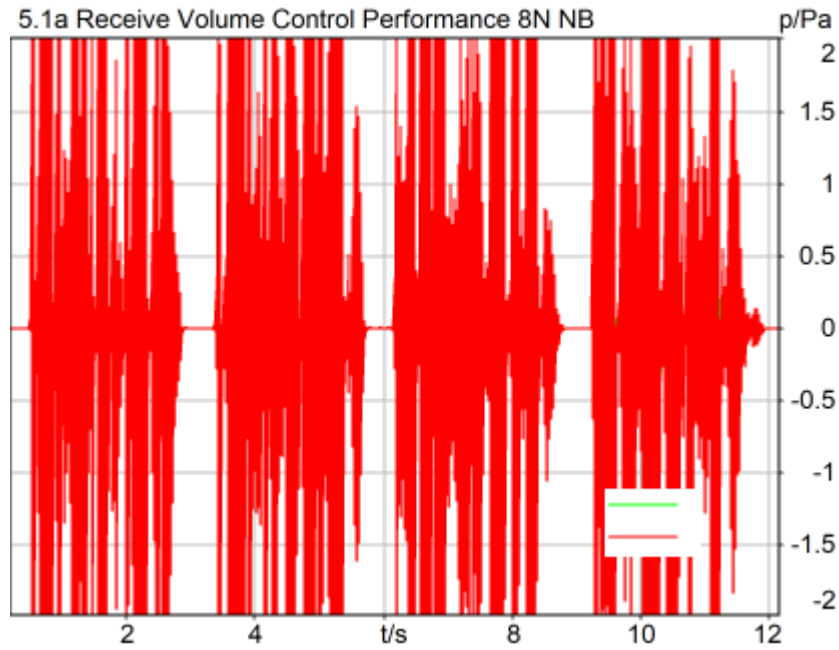
Channel	Delay
RCV*Source	164.2 ms

2024/4/28 15:52 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

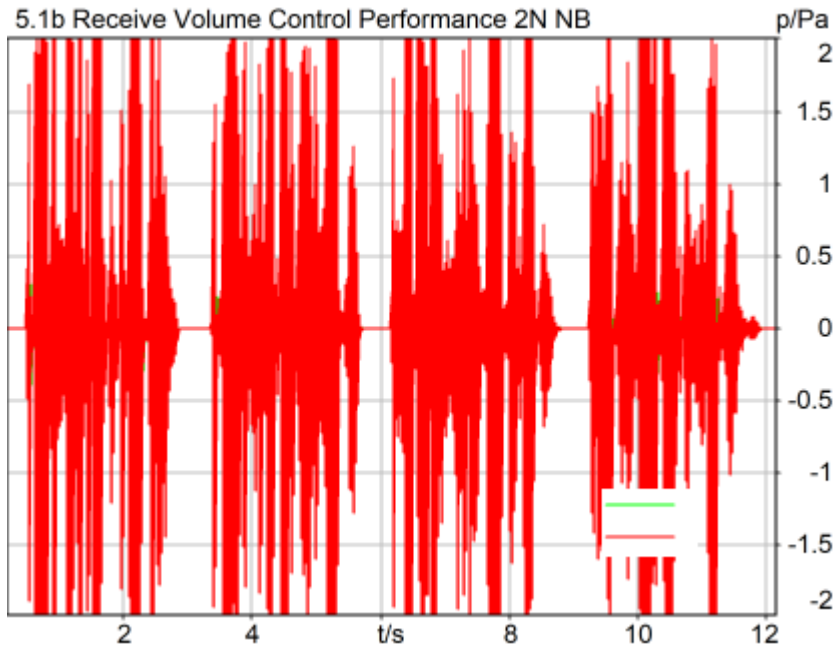
Channel	Speech level	Activity	Corrected speech level	
RCV	92.84 dB[SPL]	84.49%	22.84 dB[SPL]	Ok

Ok

2024/4/28 15:52 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	87.97 dB[SPL]	84.65%	17.97 dB[SPL]	Ok

Ok

2024/4/28 15:57 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n7_20_DFT-s-OFDM_EVS NB 24.4kbps_CH507000
Description	HMD_TA_1600#Tomcat

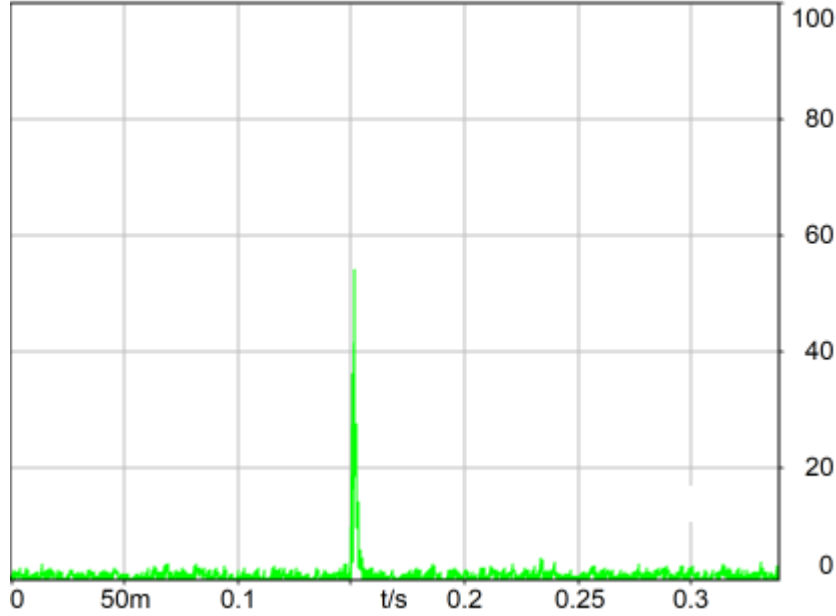
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 15:58
Responsible Person	audio

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 %



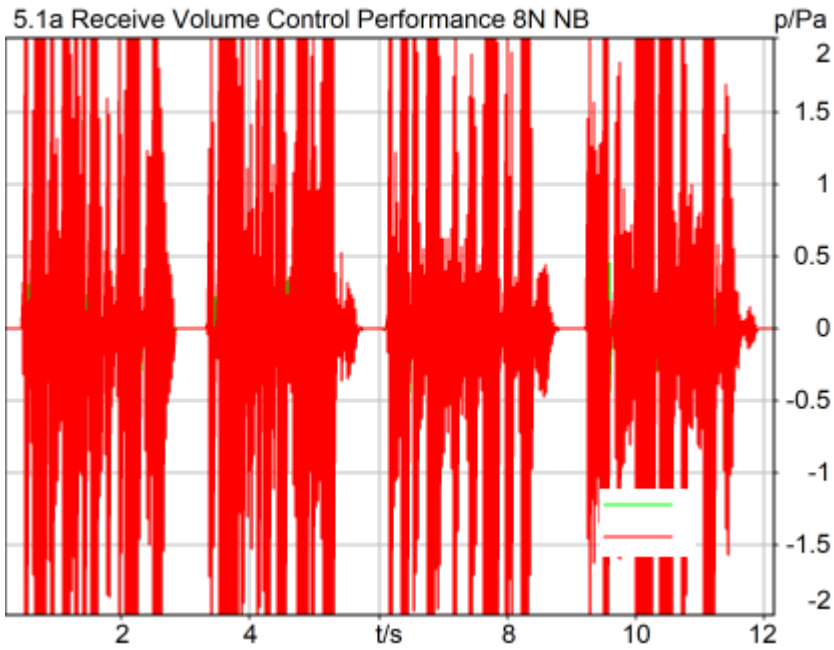
Channel	Delay
RCV*Source	151.4 ms

2024/4/26 15:56 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

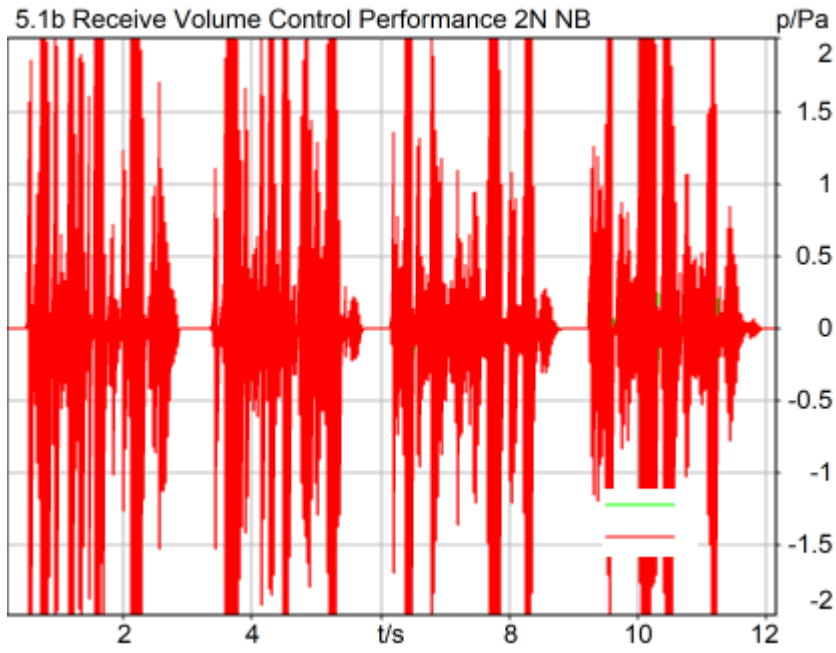
Channel	Speech level	Activity	Corrected speech level	
RCV	93.64 dB[SPL]	80.44%	23.64 dB[SPL]	Ok

Ok

2024/4/26 16:02 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	87.59 dB[SPL]	80.19%	17.59 dB[SPL]	Ok

Ok

2024/4/26 15:56 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n7_20_DFT-s-OFDM_EVS WB 9.6kbps_CH507000
Description	HMD_TA_1600#Tomcat

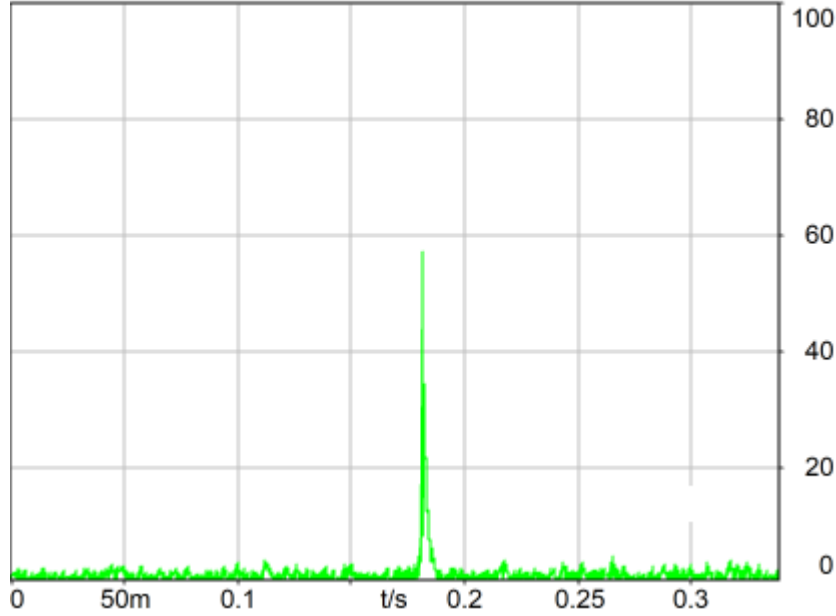
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:46
Responsible Person	audio

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 %



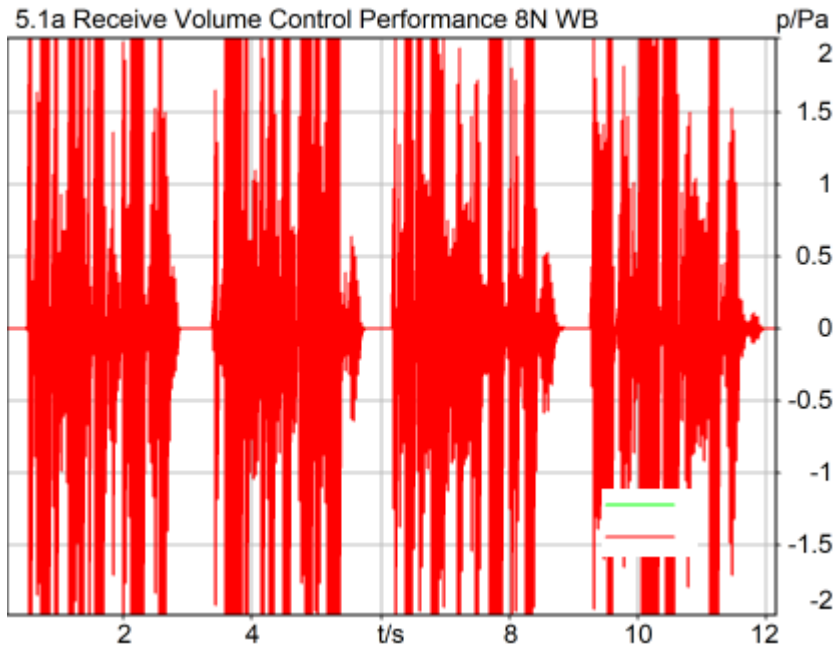
Channel	Delay
RCV*Source	182.2 ms

2024/4/28 16:00 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

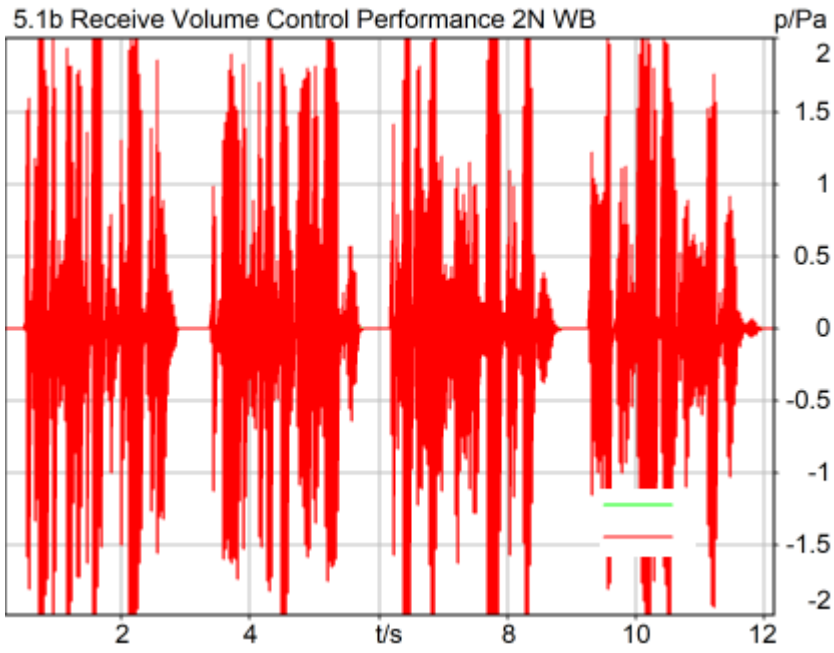
Channel	Speech level	Activity	Corrected speech level	
RCV	90.18 dB[SPL]	83.90%	20.18 dB[SPL]	Ok

Ok

2024/4/28 16:02 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	85.90 dB[SPL]	83.96%	15.90 dB[SPL]	Ok

Ok

2024/4/28 16:01 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n7_20_DFT-s-OFDM_EVS WB 24.4kbps_CH507000
Description	HMD_TA_1600#Tomcat

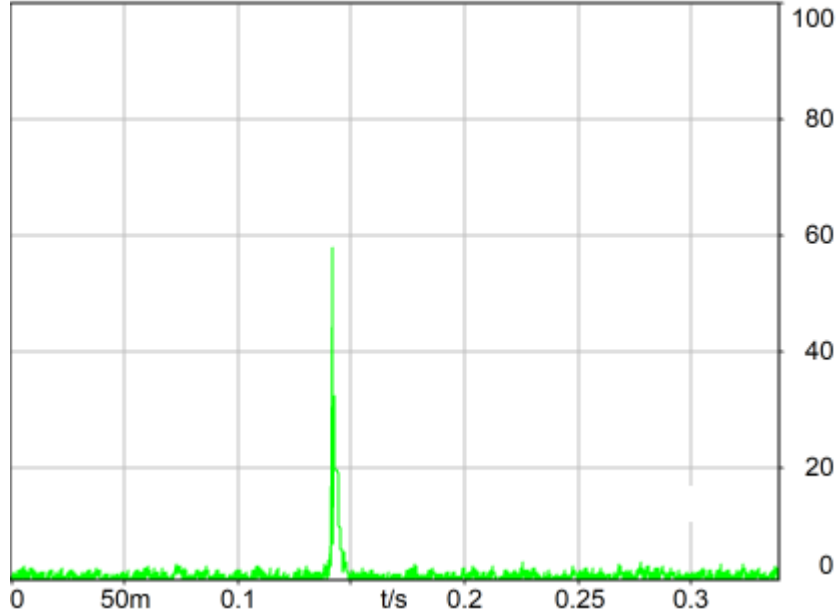
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 15:58
Responsible Person	audio

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 %



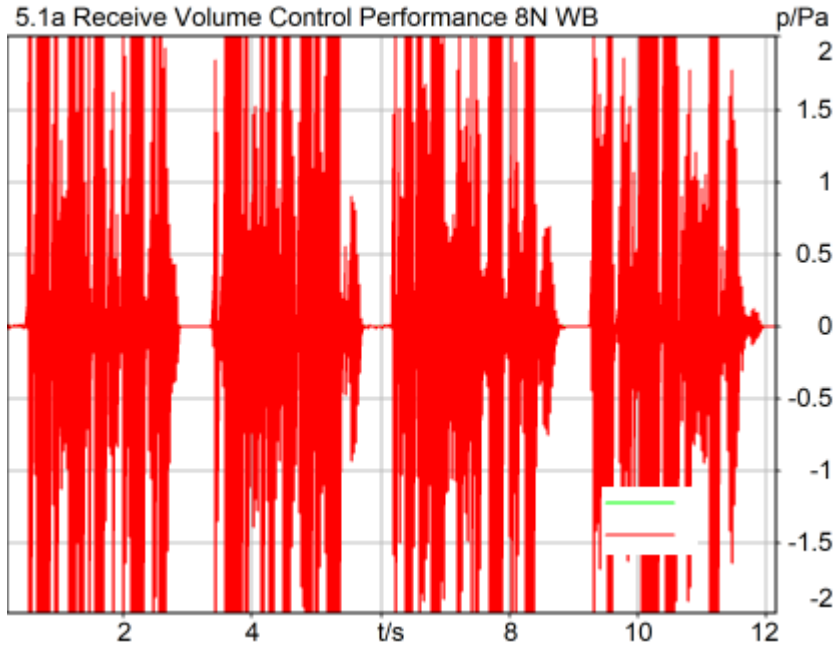
Channel	Delay
RCV*Source	142.8 ms

2024/4/26 16:10 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

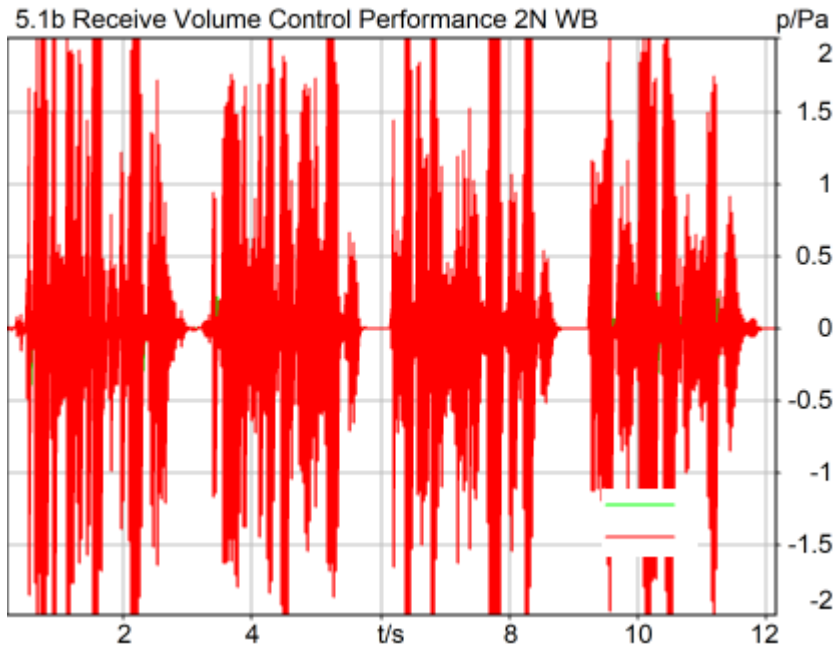
Channel	Speech level	Activity	Corrected speech level	
RCV	91.46 dB[SPL]	84.33%	21.46 dB[SPL]	Ok

Ok

2024/4/26 16:10 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	85.90 dB[SPL]	84.63%	15.90 dB[SPL]	Ok

Ok

2024/4/26 16:18 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n25_20_DFT-s-OFDM_AMR NB 4.75kbps_CH507000
Description	HMD_TA_1600#Tomcat

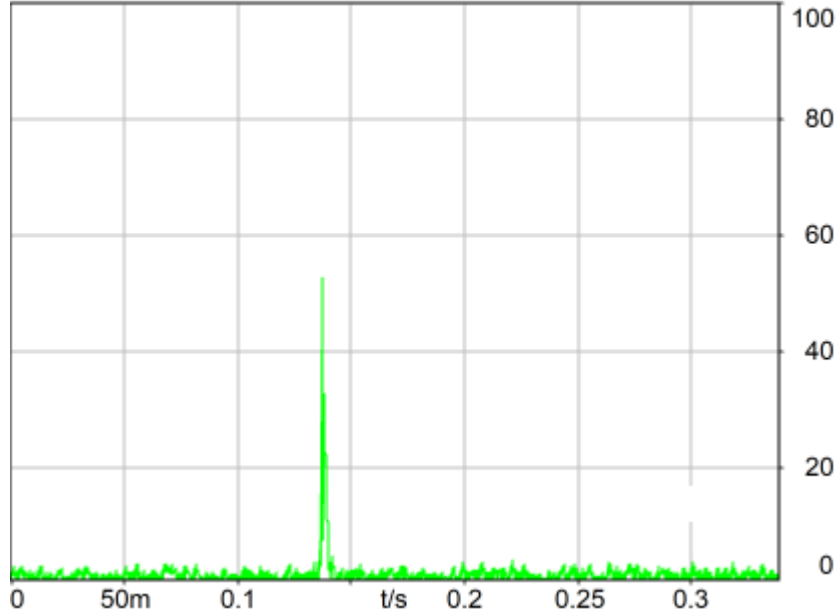
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:47
Responsible Person	audio

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 %



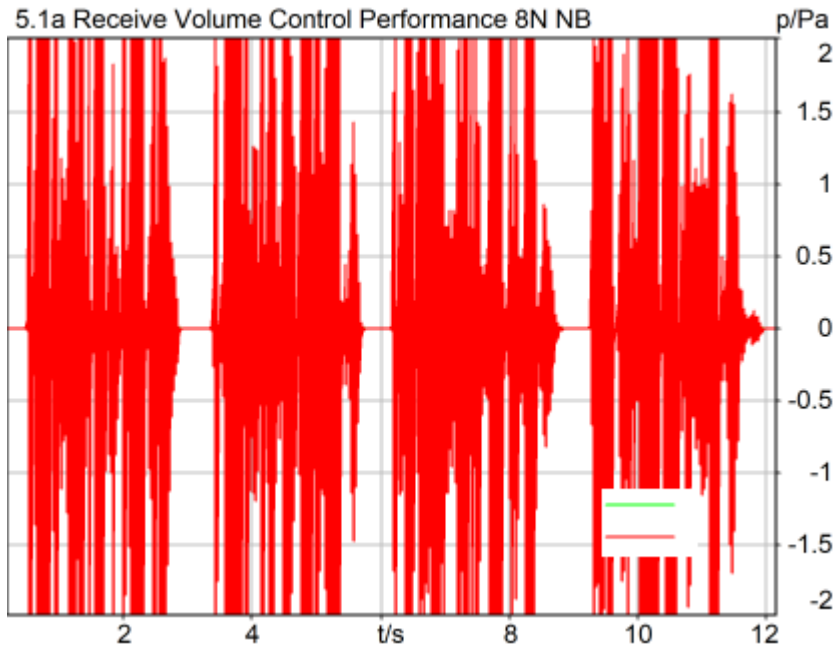
Channel	Delay
RCV*Source	138.1 ms

2024/4/28 16:13 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

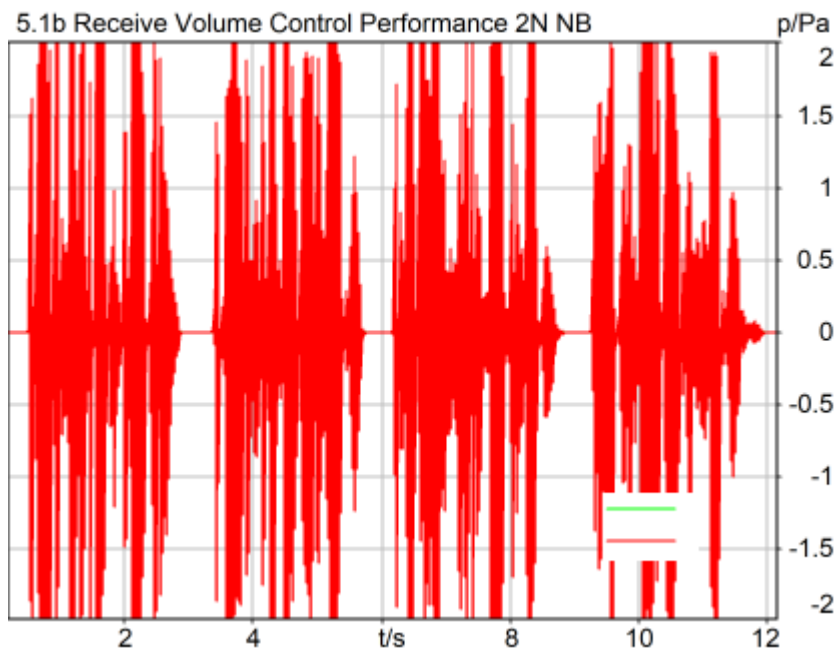
Channel	Speech level	Activity	Corrected speech level	
RCV	92.01 dB[SPL]	84.46%	22.01 dB[SPL]	Ok

Ok

2024/4/28 16:13 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	87.75 dB[SPL]	84.63%	17.75 dB[SPL]	Ok

Ok

2024/4/28 16:16 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n25_20_DFT-s-OFDM_AMR NB 12.2kbps_CH507000
Description	HMD_TA_1600#Tomcat

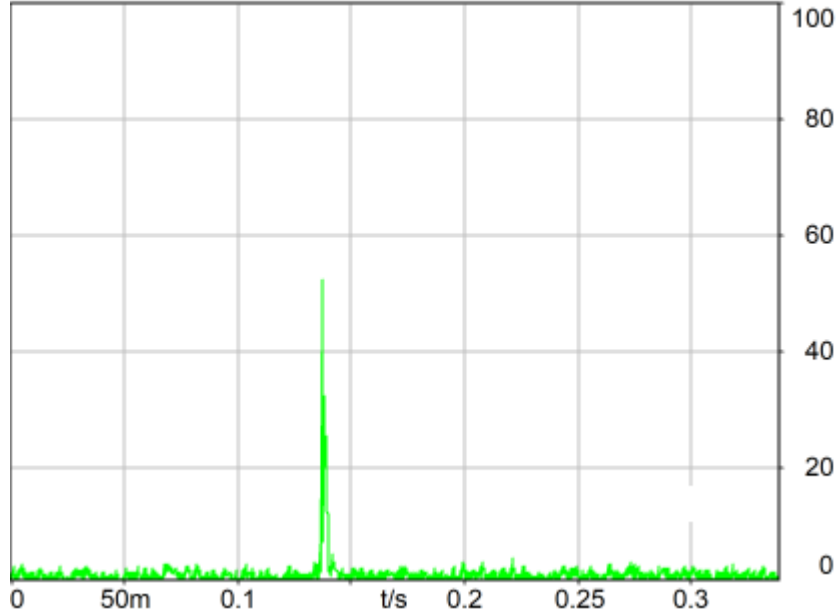
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:48
Responsible Person	audio

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 %



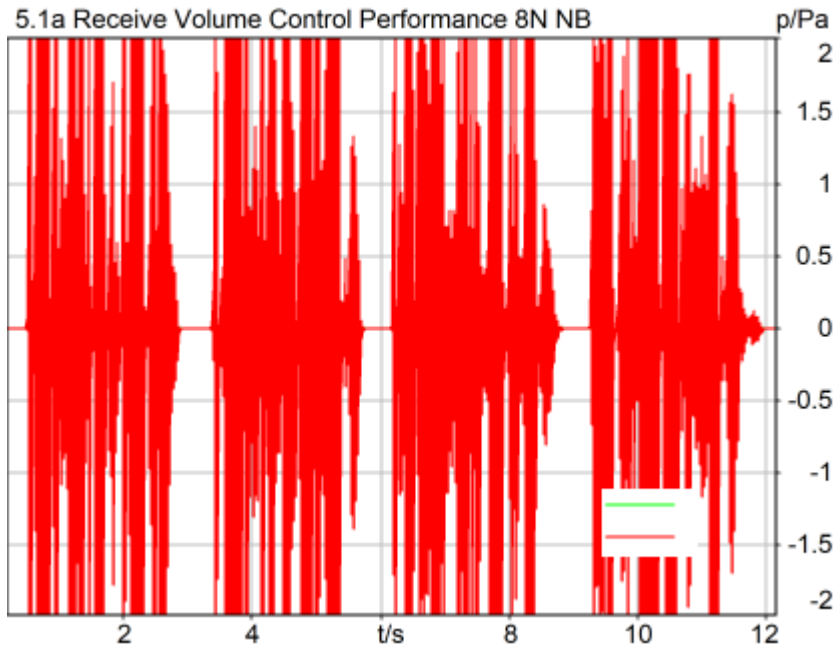
Channel	Delay
RCV*Source	138.3 ms

2024/4/28 16:14 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

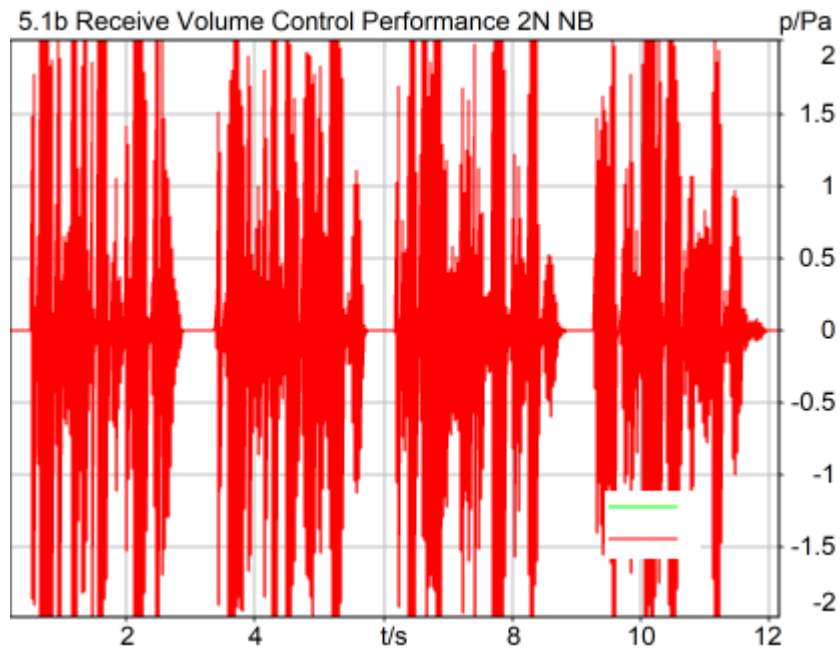
Channel	Speech level	Activity	Corrected speech level	
RCV	92.00 dB[SPL]	84.48%	22.00 dB[SPL]	Ok

Ok

2024/4/28 16:14 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	87.92 dB[SPL]	84.56%	17.92 dB[SPL]	Ok

Ok

2024/4/28 16:15 ACQUA 6.0.200

Measurement Protocol

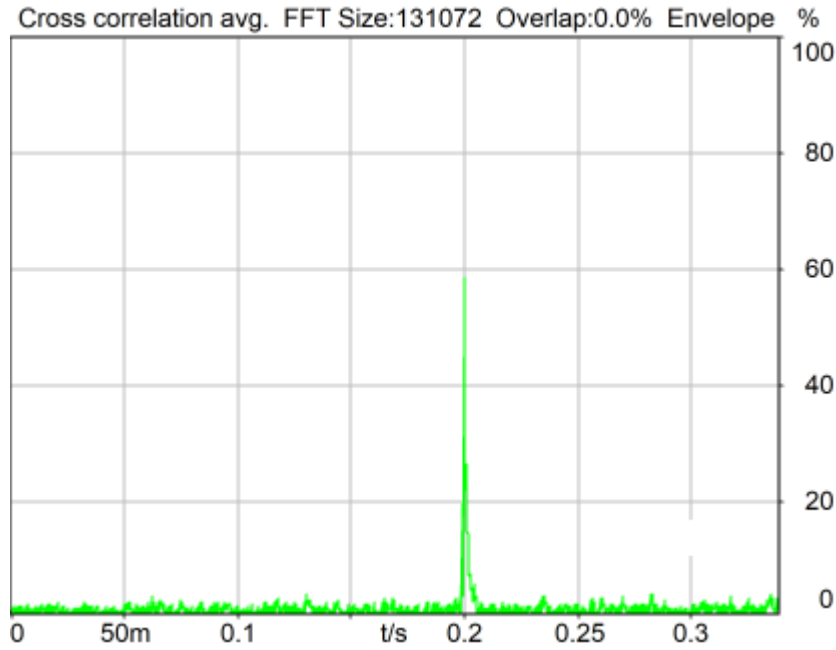
Measurement Object	FR1 n25_20_DFT-s-OFDM_AMR WB 6.6kbps_CH507000
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:49
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



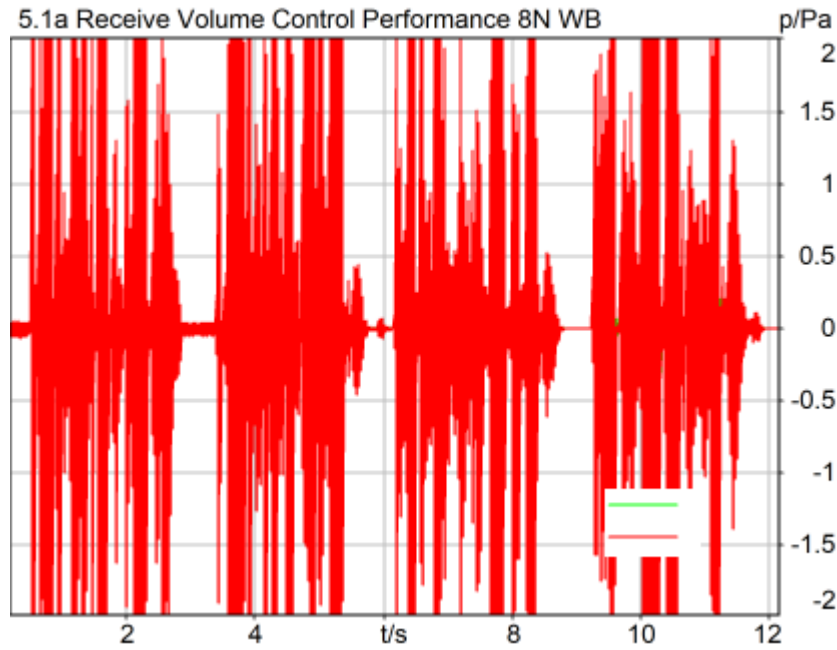
Channel	Delay
RCV*Source	200.1 ms

2024/4/28 16:43 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

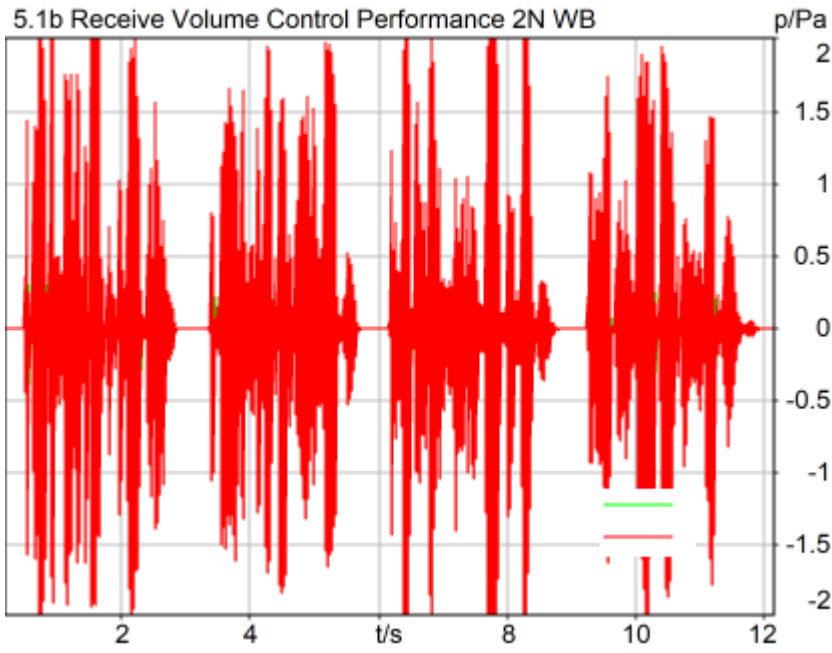
Channel	Speech level	Activity	Corrected speech level	
RCV	89.20 dB[SPL]	84.12%	19.20 dB[SPL]	Ok

Ok

2024/4/28 16:43 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	84.68 dB[SPL]	83.81%	14.68 dB[SPL]	Ok

Ok

2024/4/28 16:47 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n25_20_DFT-s-OFDM_AMR WB 23.85kbps_CH507000
Description	HMD_TA_1600#Tomcat

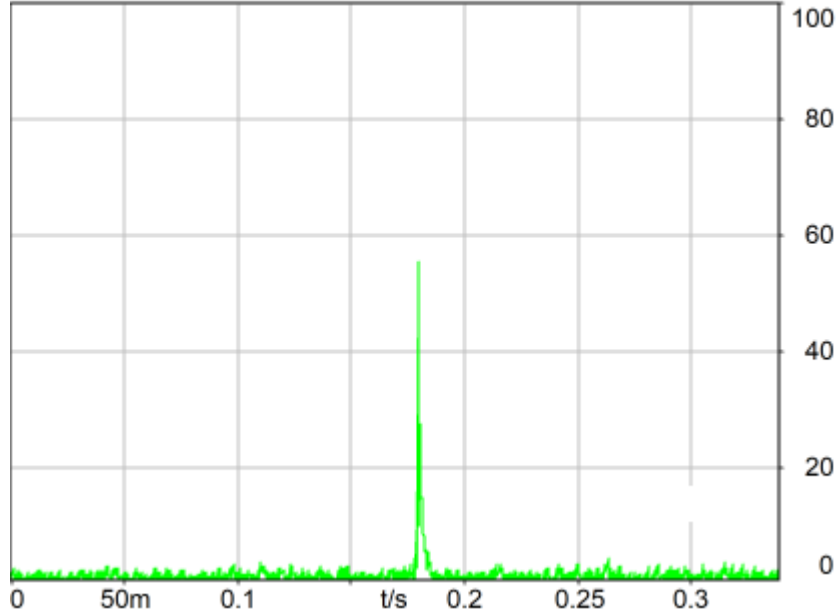
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:50
Responsible Person	audio

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 %



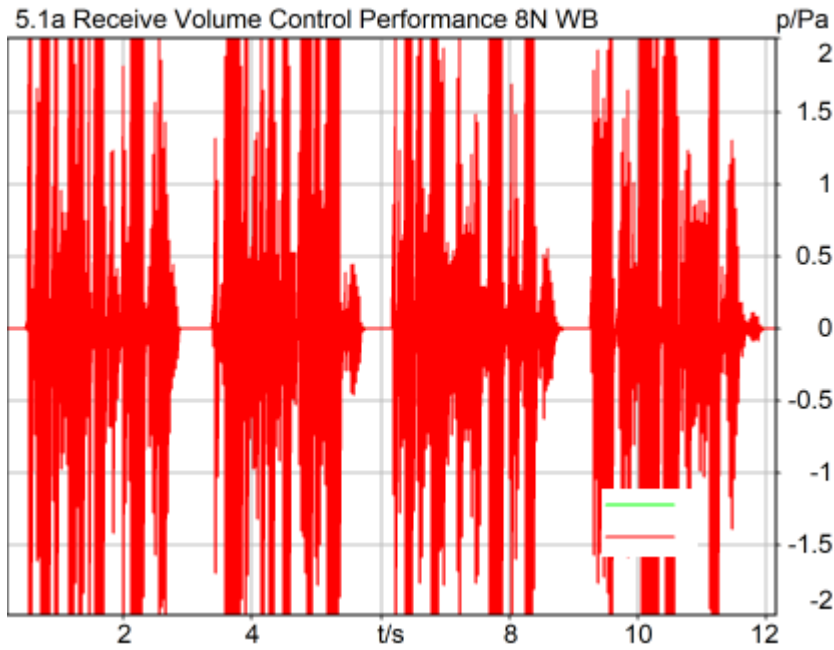
Channel	Delay
RCV*Source	180.1 ms

2024/4/28 16:44 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

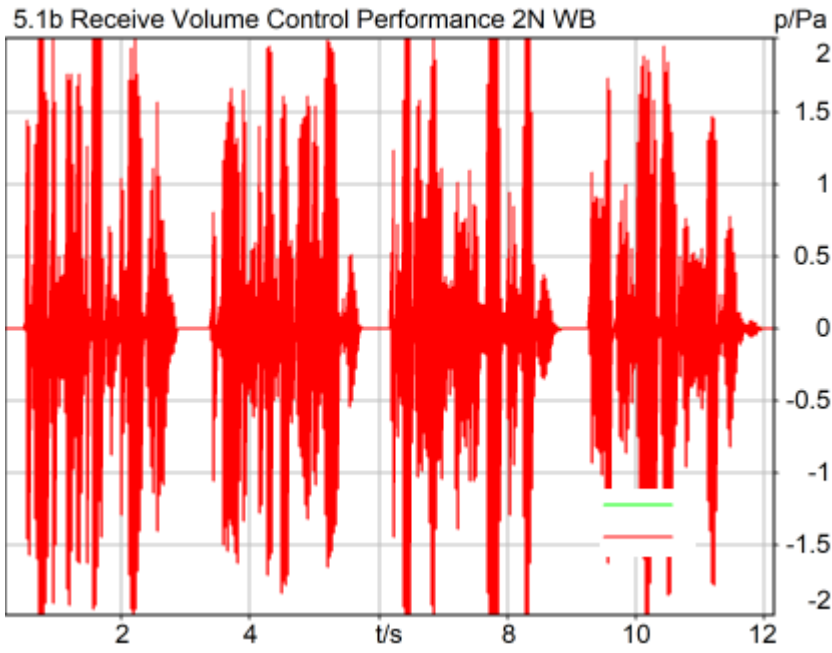
Channel	Speech level	Activity	Corrected speech level	
RCV	89.09 dB[SPL]	83.31%	19.09 dB[SPL]	Ok

Ok

2024/4/28 16:44 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	84.82 dB[SPL]	84.10%	14.82 dB[SPL]	Ok

Ok

2024/4/28 16:46 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n25_20_DFT-s-OFDM_EVS NB 5.9kbps_CH507000
Description	HMD_TA_1600#Tomcat

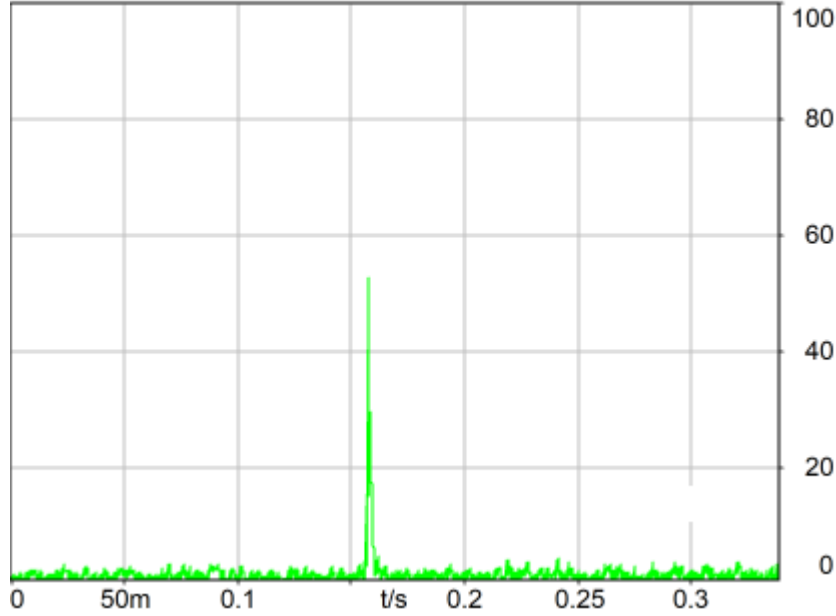
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:50
Responsible Person	audio

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 %



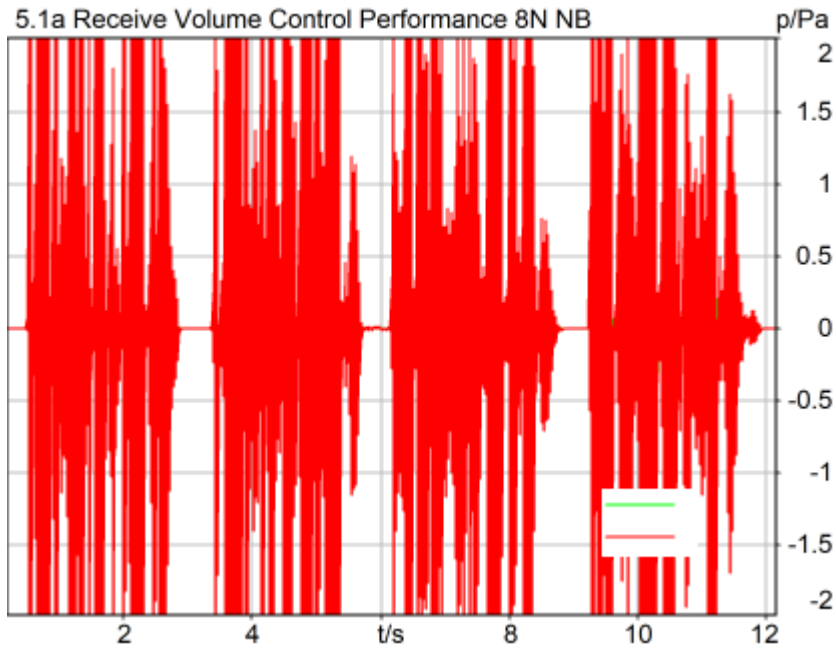
Channel	Delay
RCV*Source	158.0 ms

2024/4/28 16:12 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

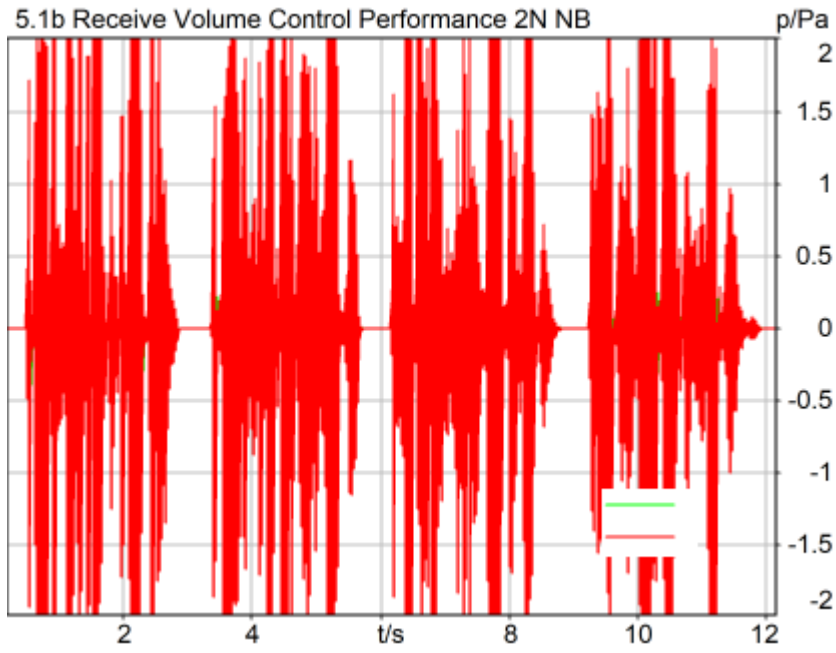
Channel	Speech level	Activity	Corrected speech level	
RCV	92.02 dB[SPL]	84.34%	22.02 dB[SPL]	Ok

Ok

2024/4/28 16:12 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	87.83 dB[SPL]	84.52%	17.83 dB[SPL]	Ok

Ok

2024/4/28 16:16 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n25_20_DFT-s-OFDM_EVS NB 24.4kbps_CH376500
Description	HMD_TA_1600#Tomcat

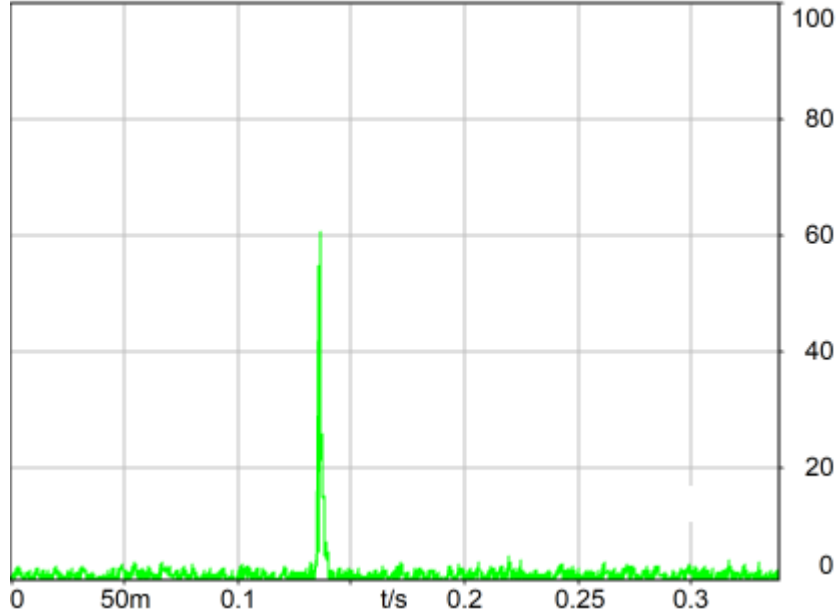
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 16:02
Responsible Person	audio

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 %



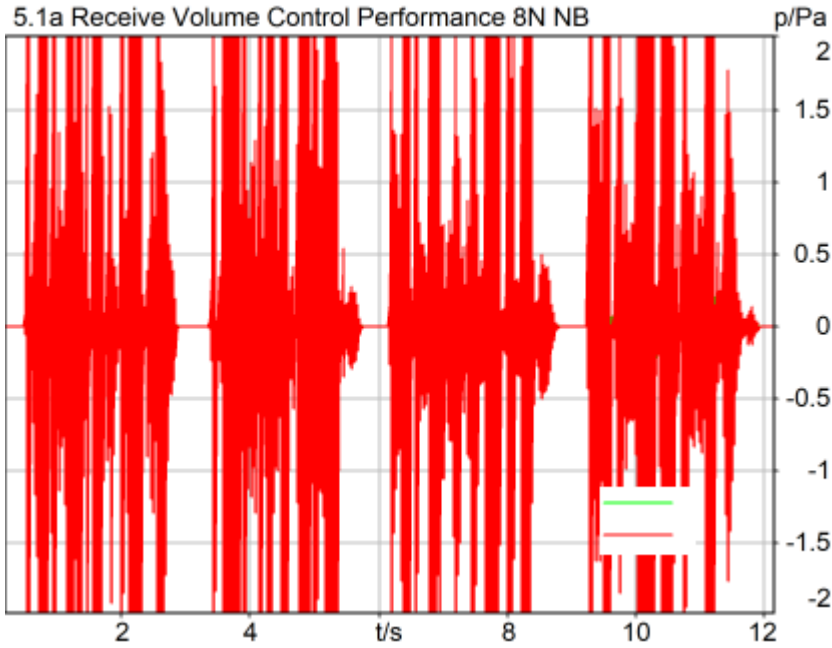
Channel	Delay
RCV*Source	136.7 ms

2024/4/28 12:59 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

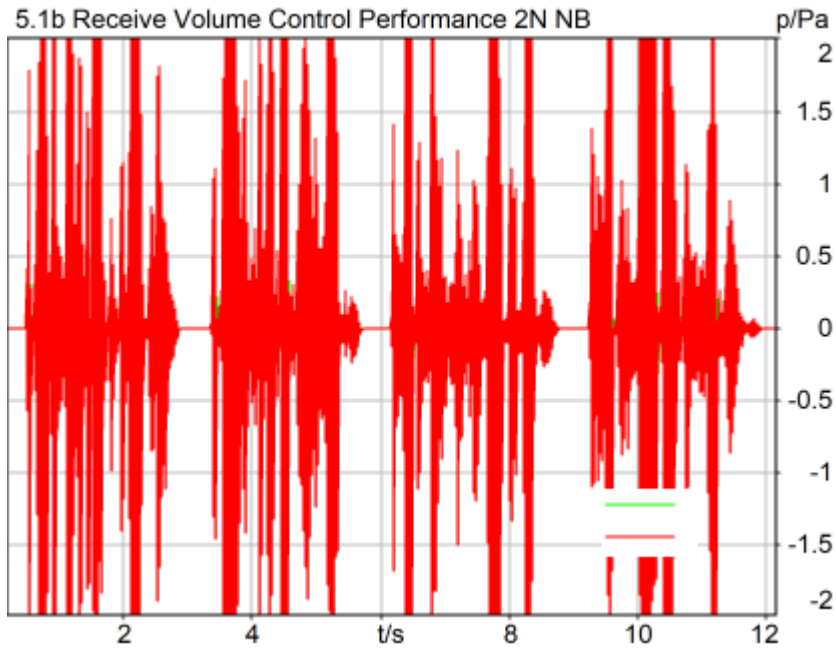
Channel	Speech level	Activity	Corrected speech level	
RCV	93.69 dB[SPL]	80.42%	23.69 dB[SPL]	Ok

Ok

2024/4/28 12:59 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	87.53 dB[SPL]	80.45%	17.53 dB[SPL]	Ok

Ok

2024/4/28 13:05 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n25_20_DFT-s-OFDM_EVS WB 9.6kbps_CH507000
Description	HMD_TA_1600#Tomcat

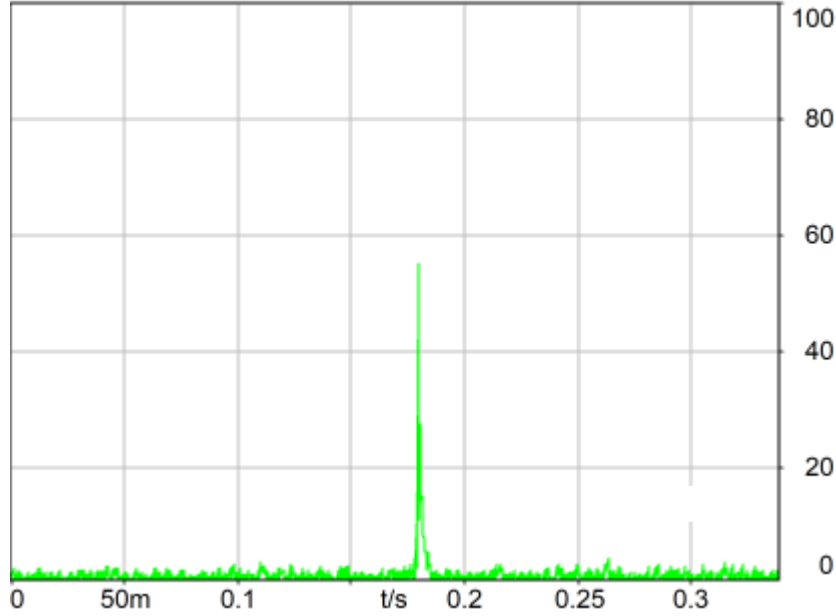
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:51
Responsible Person	audio

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 %



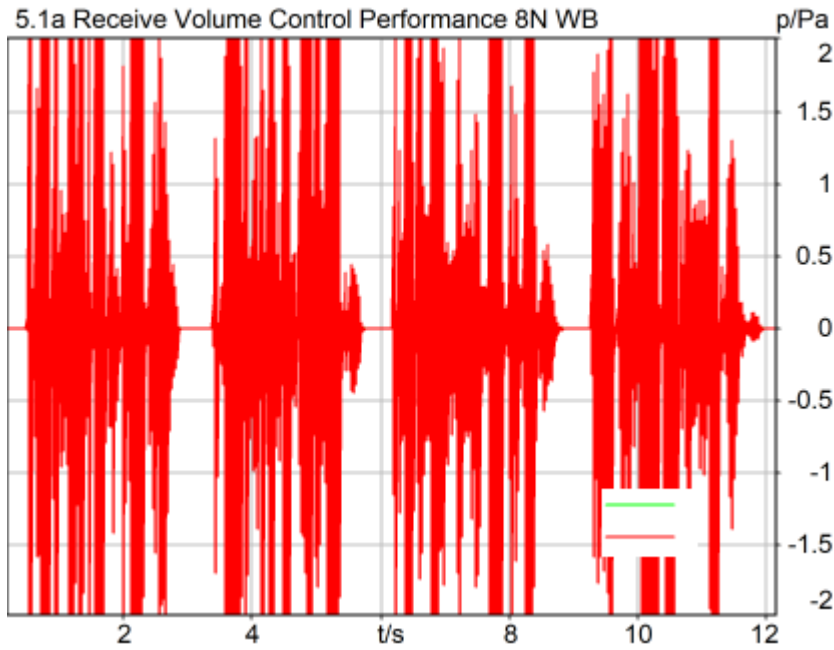
Channel	Delay
RCV*Source	180.1 ms

2024/4/28 16:44 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

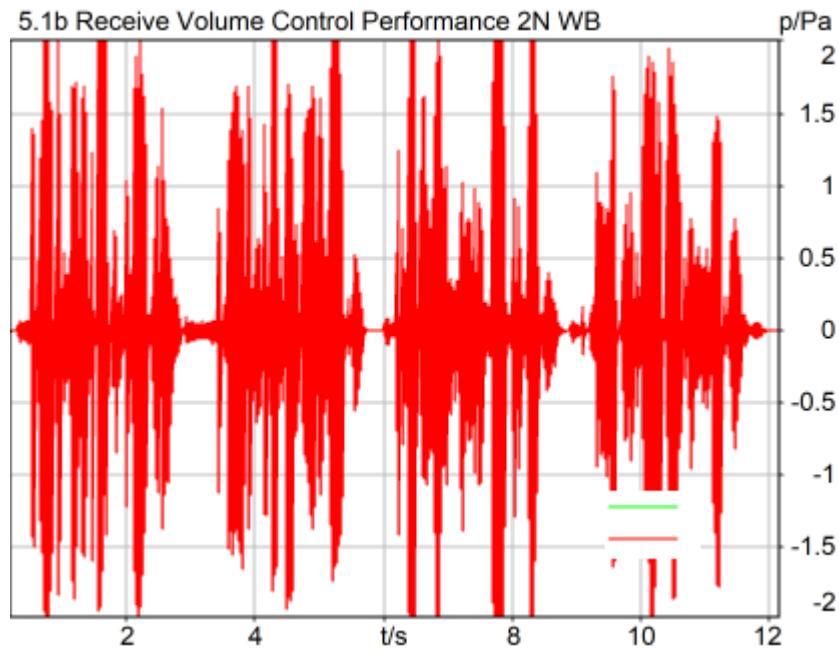
Channel	Speech level	Activity	Corrected speech level	
RCV	89.06 dB[SPL]	84.31%	19.06 dB[SPL]	Ok

Ok

2024/4/28 16:45 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	84.89 dB[SPL]	84.37%	14.89 dB[SPL]	Ok

Ok

2024/4/28 16:46 ACQUA 6.0.200

Measurement Protocol

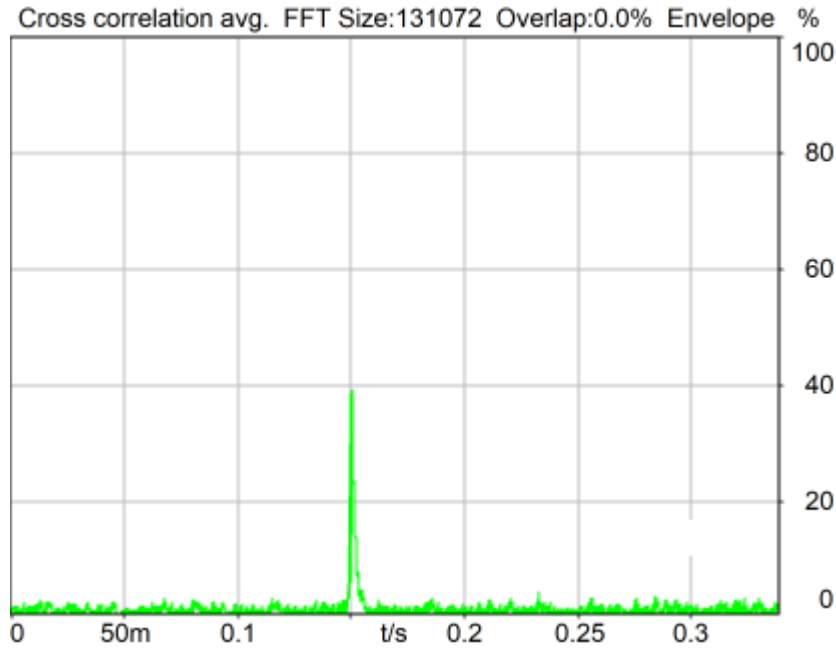
Measurement Object	FR1 n25_20_DFT-s-OFDM_EVS WB 24.4kbps_CH376500
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 16:03
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



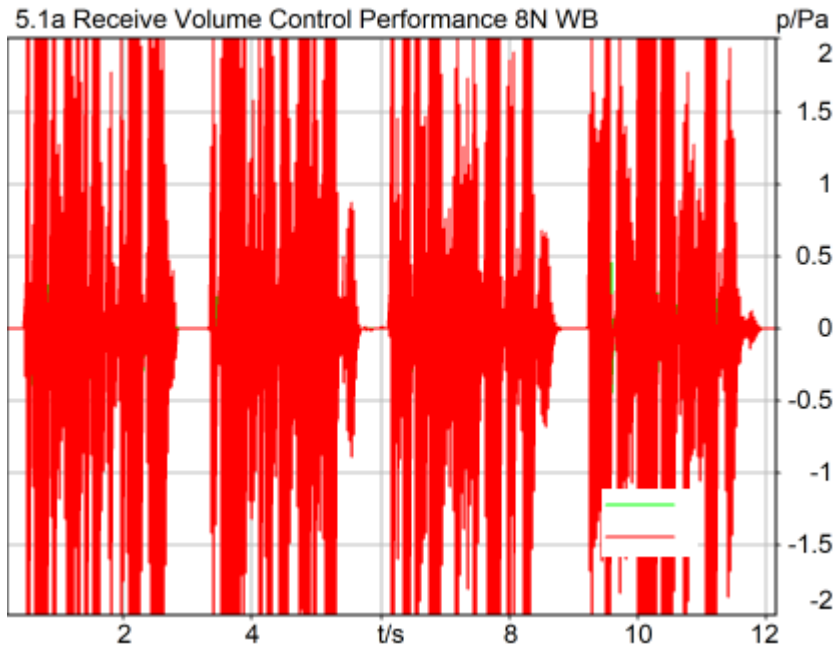
Channel	Delay
RCV*Source	150.4 ms

2024/4/28 13:12 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

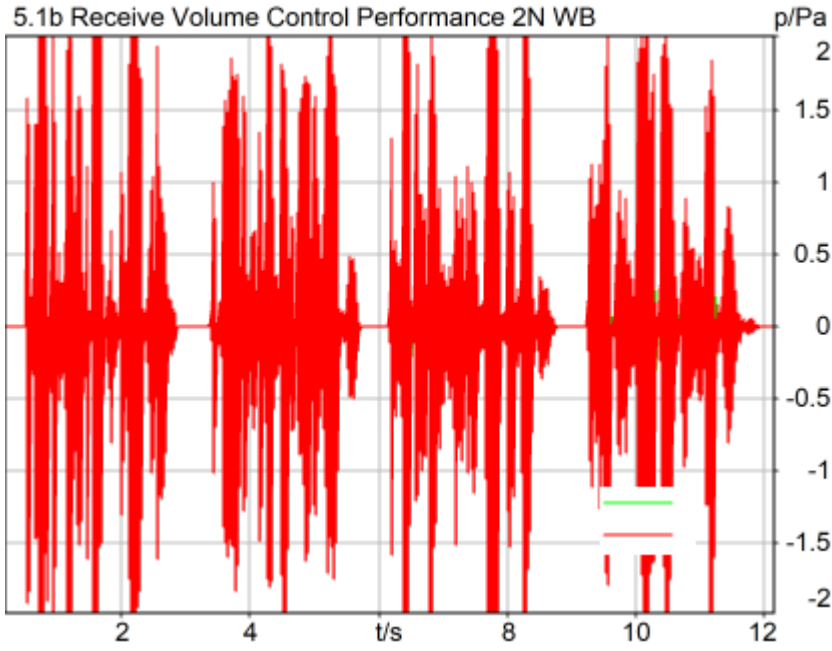
Channel	Speech level	Activity	Corrected speech level	
RCV	91.52 dB[SPL]	84.51%	21.52 dB[SPL]	Ok

Ok

2024/4/28 13:22 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	85.51 dB[SPL]	82.50%	15.51 dB[SPL]	Ok

Ok

2024/4/28 13:12 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n38_40_DFT-s-OFDM_AMR NB 4.75kbps_CH519000
Description	HMD_TA_1600#Tomcat

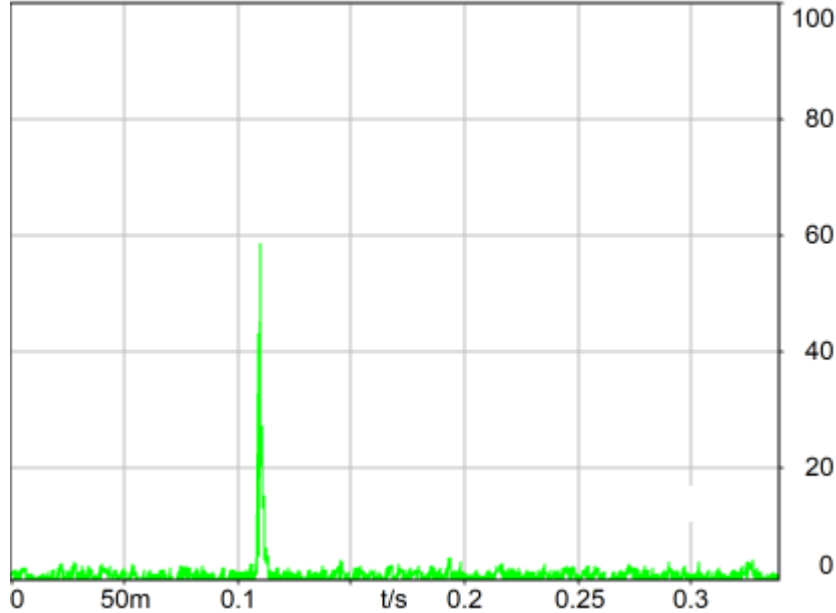
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 10:21
Responsible Person	audio

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 %



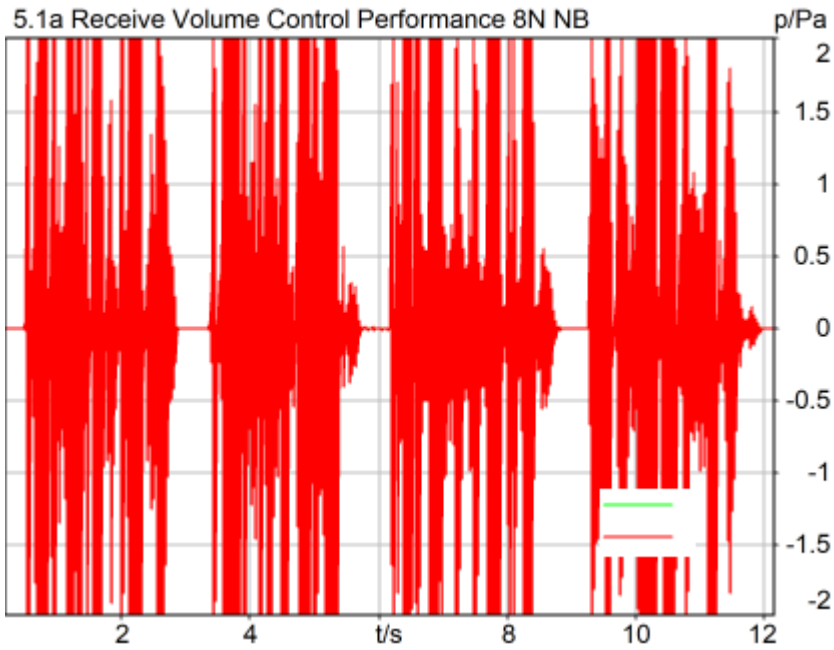
Channel	Delay
RCV*Source	110.2 ms

2024/5/14 16:13 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

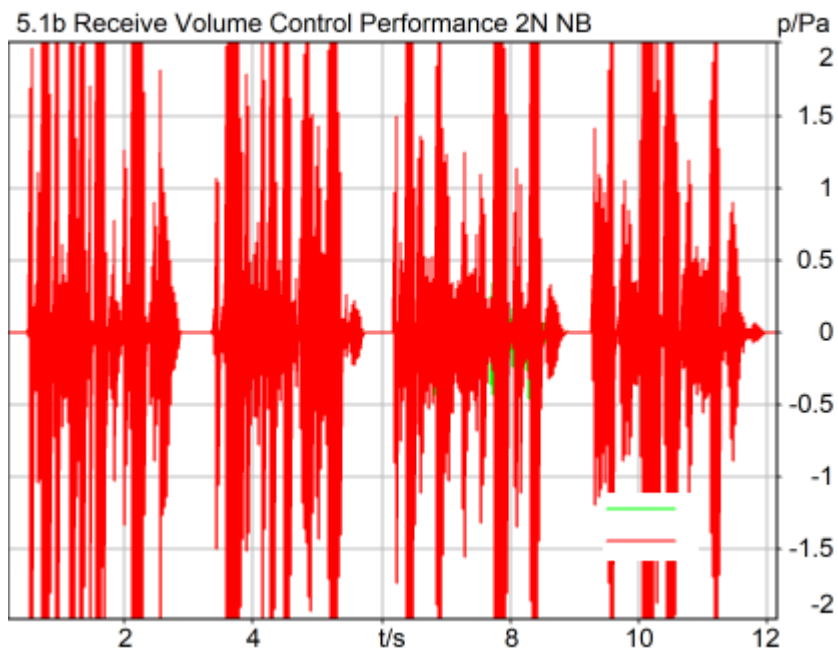
Channel	Speech level	Activity	Corrected speech level	
RCV	93.86 dB[SPL]	80.59%	23.86 dB[SPL]	Ok

Ok

2024/5/14 16:13 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	88.13 dB[SPL]	81.03%	18.13 dB[SPL]	Ok

Ok

2024/5/14 16:15 ACQUA 6.0.200

Measurement Protocol

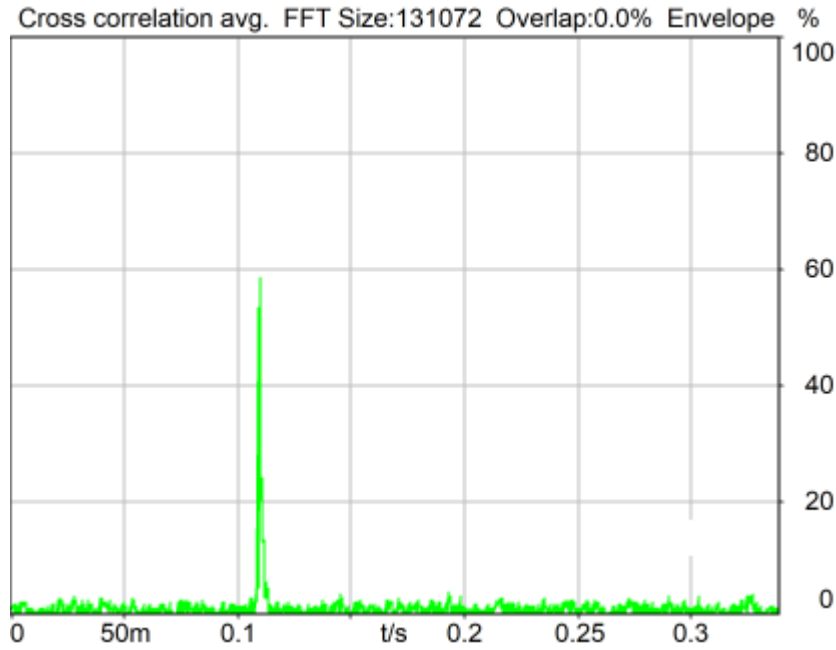
Measurement Object	FR1 n38_40_DFT-s-OFDM_AMR NB 12.2kbps_CH519000
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 10:21
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



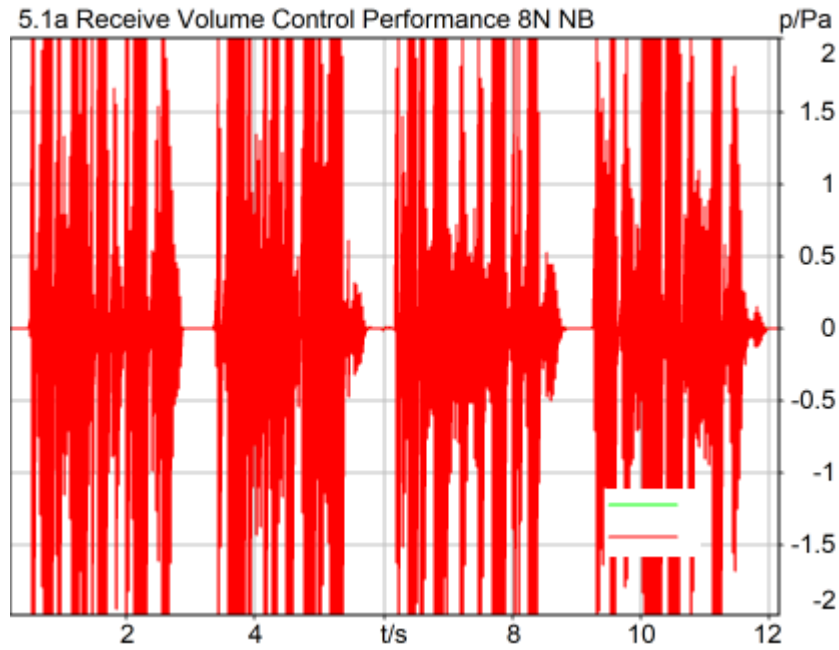
Channel	Delay
RCV*Source	110.1 ms

2024/5/14 16:12 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

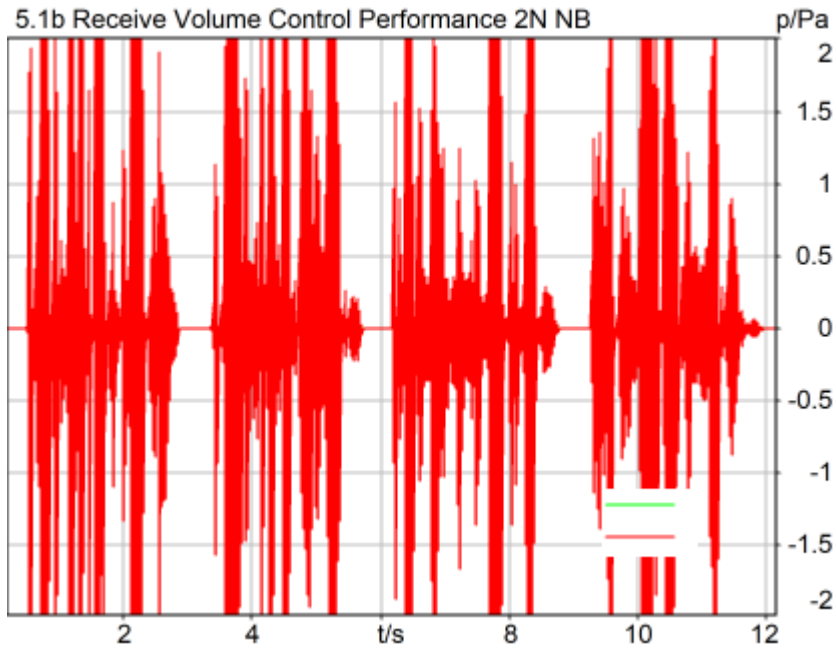
Channel	Speech level	Activity	Corrected speech level	
RCV	93.84 dB[SPL]	80.48%	23.84 dB[SPL]	Ok

Ok

2024/5/14 16:13 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	88.28 dB[SPL]	80.50%	18.28 dB[SPL]	Ok

Ok

2024/5/14 16:16 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n38_40_DFT-s-OFDM_AMR WB 6.6kbps_CH519000
Description	HMD_TA_1600#Tomcat

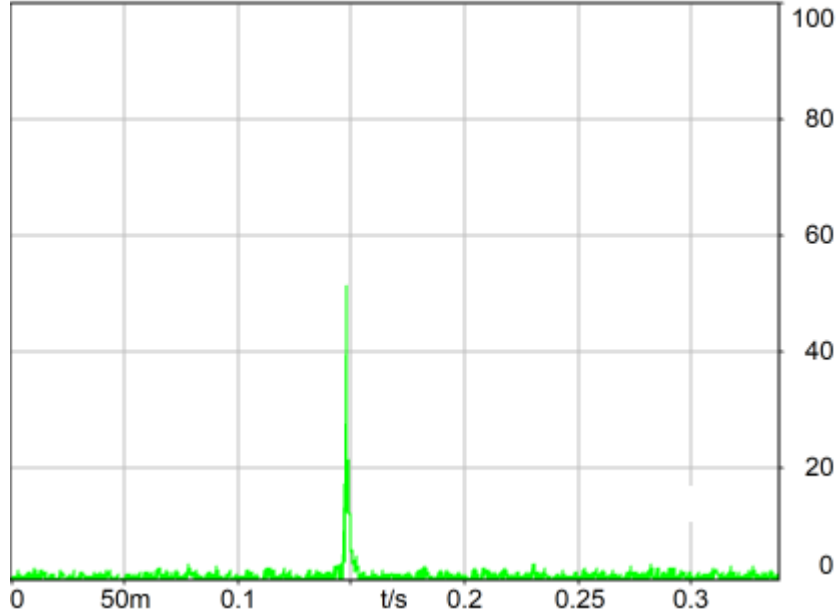
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 10:22
Responsible Person	audio

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 %



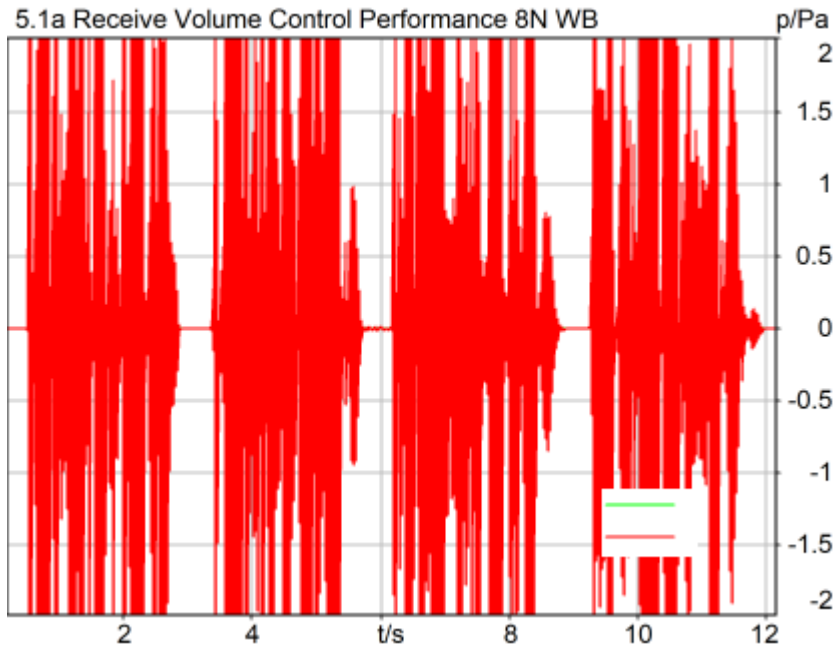
Channel	Delay
RCV*Source	147.8 ms

2024/5/15 9:32 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

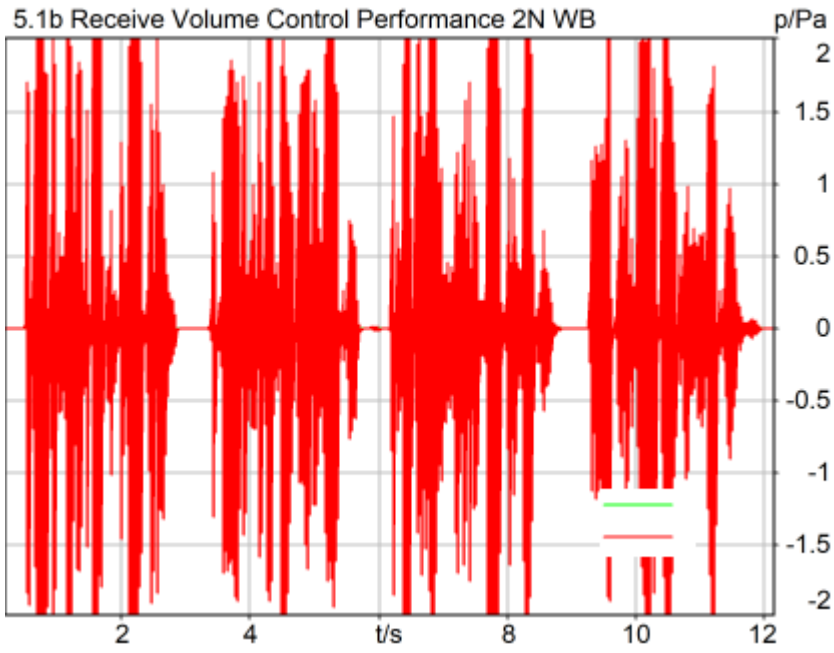
Channel	Speech level	Activity	Corrected speech level	
RCV	92.58 dB[SPL]	84.47%	22.58 dB[SPL]	Ok

Ok

2024/5/15 9:34 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	86.30 dB[SPL]	84.65%	16.30 dB[SPL]	Ok

Ok

2024/5/15 9:33 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n38_40_DFT-s-OFDM_AMR WB 23.85kbps_CH519000
Description	HMD_TA_1600#Tomcat

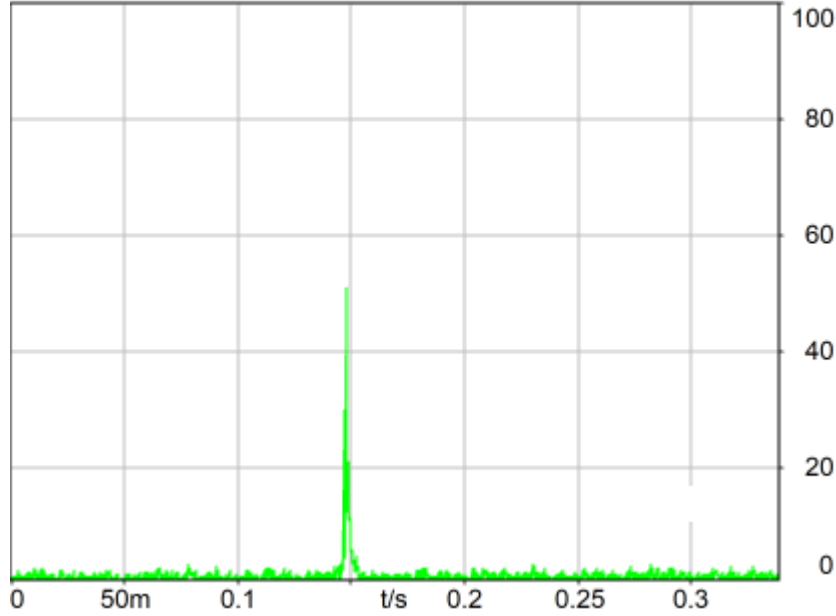
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 10:22
Responsible Person	audio

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 %



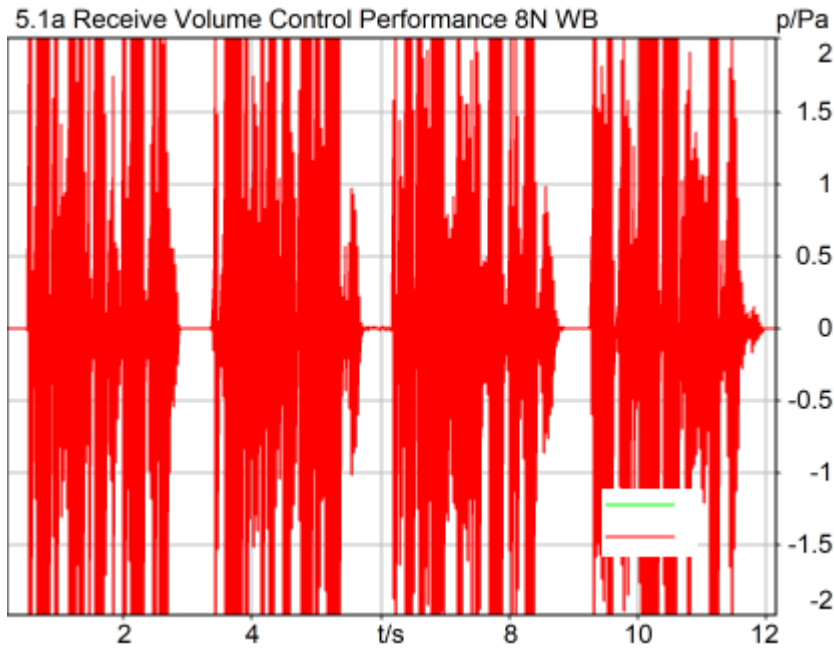
Channel	Delay
RCV*Source	147.7 ms

2024/5/15 9:32 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

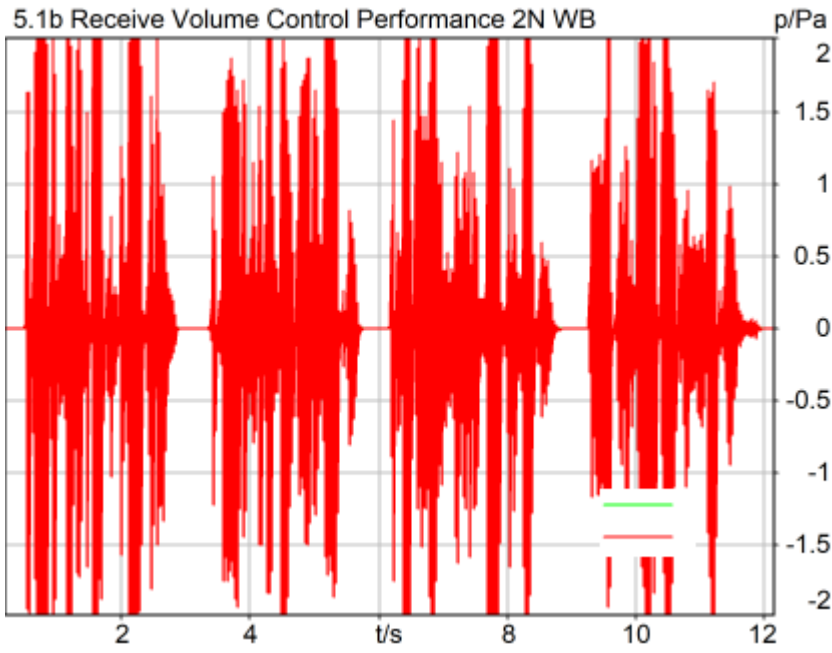
Channel	Speech level	Activity	Corrected speech level	
RCV	92.70 dB[SPL]	83.65%	22.70 dB[SPL]	Ok

Ok

2024/5/15 9:34 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	86.35 dB[SPL]	84.22%	16.35 dB[SPL]	Ok

Ok

2024/5/15 9:32 ACQUA 6.0.200

Measurement Protocol

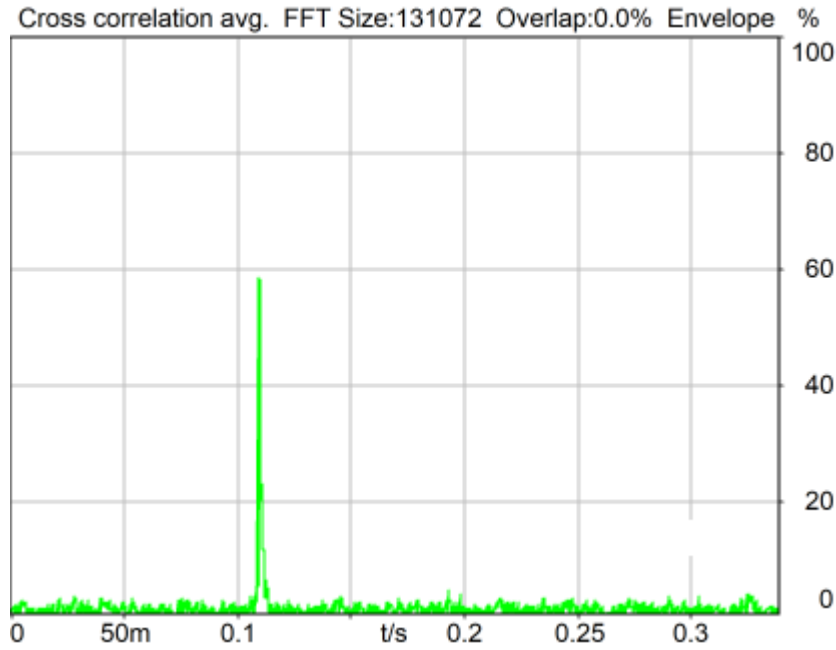
Measurement Object	FR1 n38_40_DFT-s-OFDM_EVS NB 5.9kbps_CH519000
Description	HMD_TA_1600#Tomcat

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

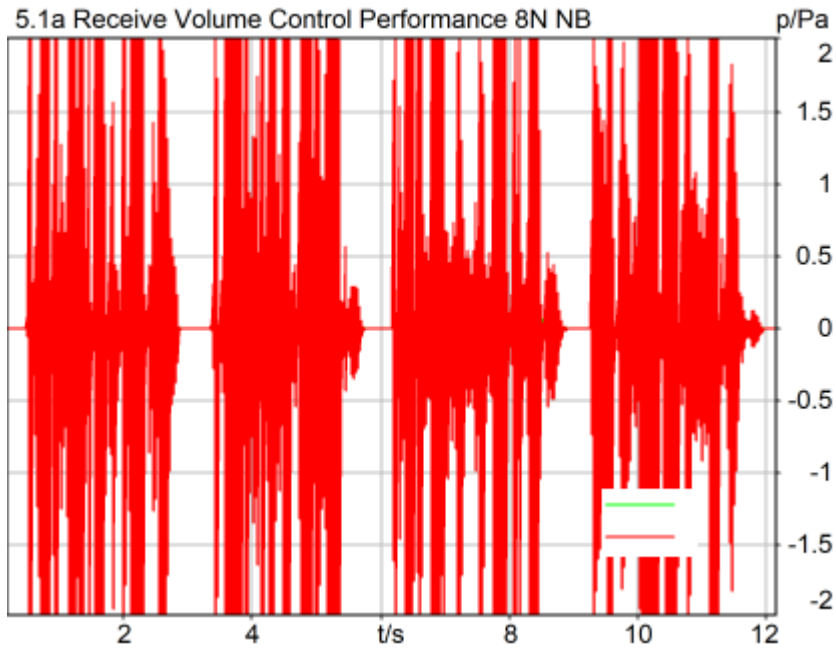


Channel	Delay
RCV*Source	110.0 ms

2024/5/14 16:12 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

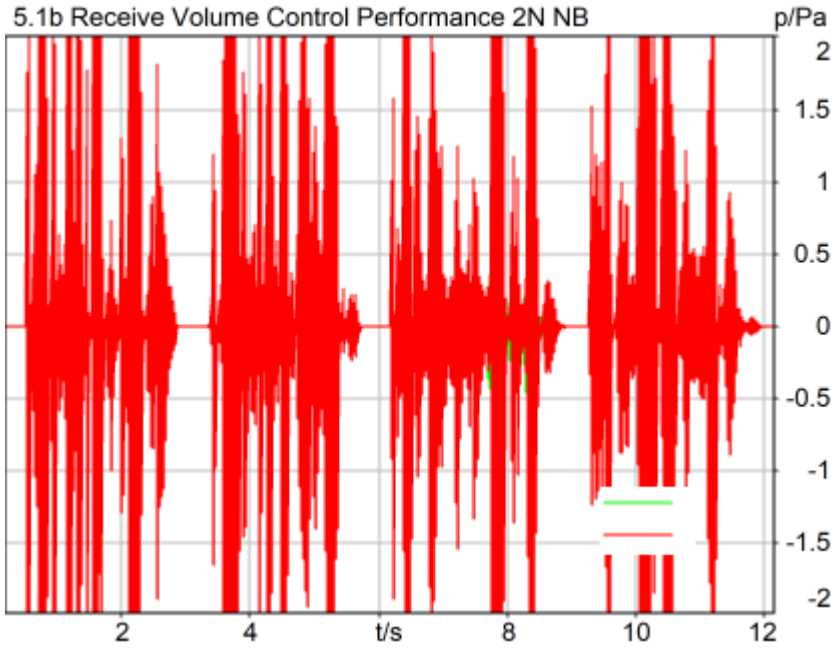
Channel	Speech level	Activity	Corrected speech level	
RCV	93.88 dB[SPL]	80.97%	23.88 dB[SPL]	Ok

Ok

2024/5/14 16:12 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	88.03 dB[SPL]	81.12%	18.03 dB[SPL]	Ok

Ok

2024/5/14 16:17 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n38_40_DFT-s-OFDM_EVS NB 24.4kbps_CH519000
Description	HMD_TA_1600#Tomcat

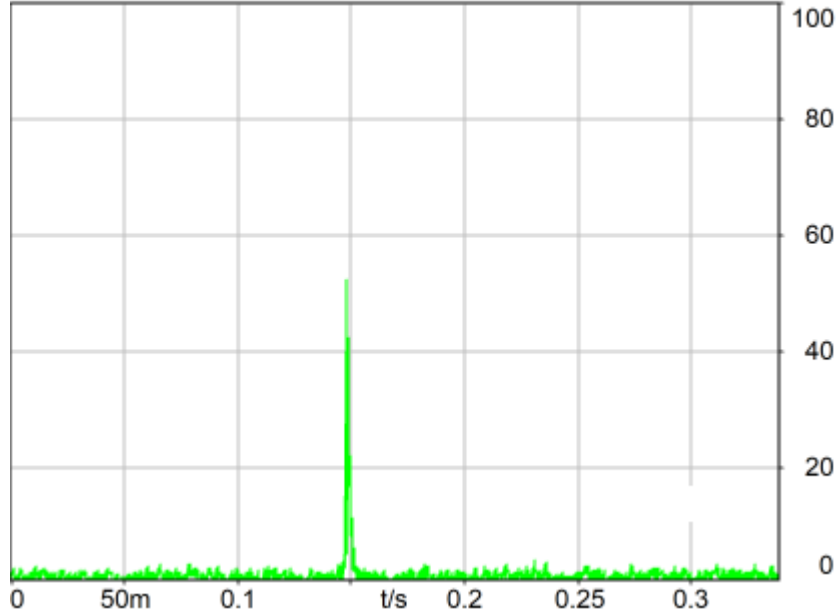
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 16:04
Responsible Person	audio

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 %



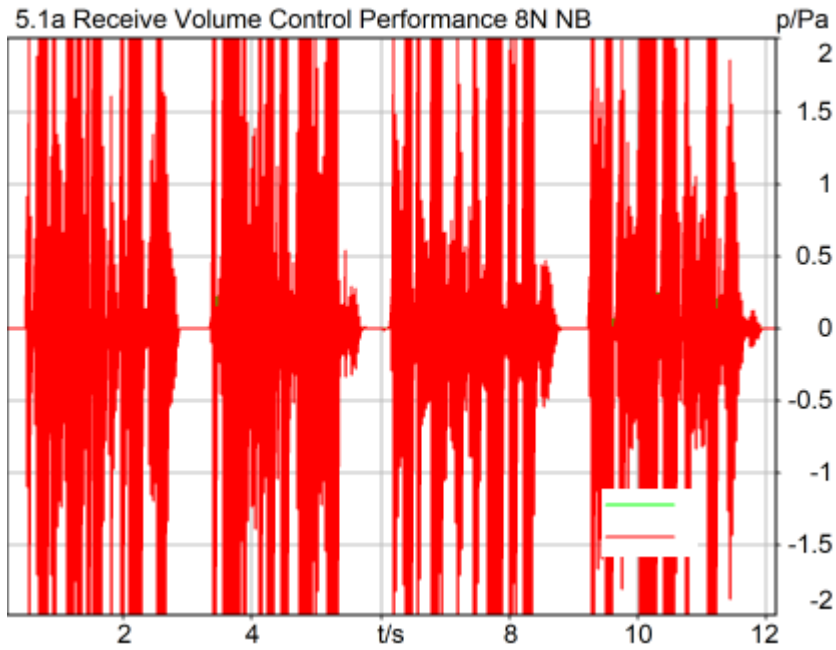
Channel	Delay
RCV*Source	148.4 ms

2024/5/14 15:57 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

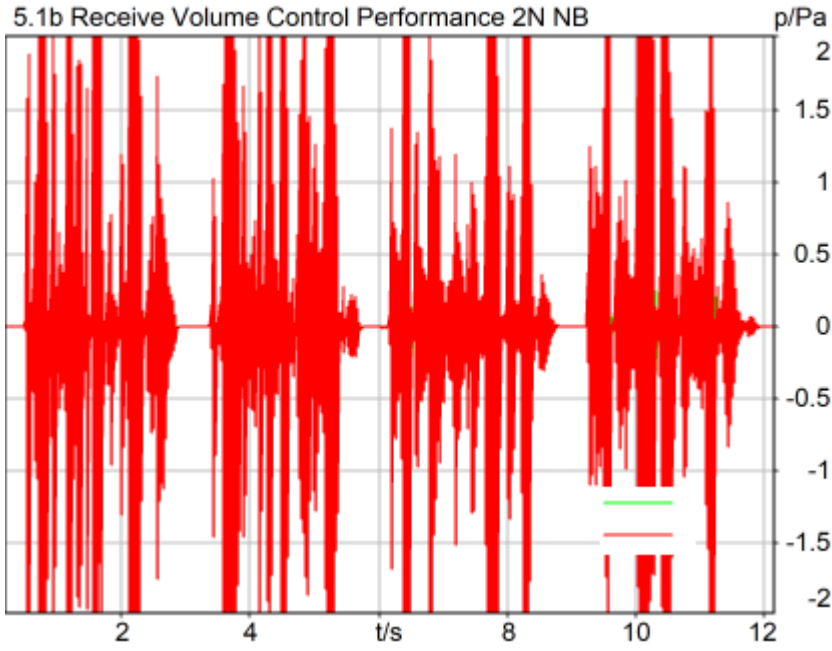
Channel	Speech level	Activity	Corrected speech level	
RCV	94.00 dB[SPL]	80.67%	24.00 dB[SPL]	Ok

Ok

2024/5/14 16:03 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	87.66 dB[SPL]	80.16%	17.66 dB[SPL]	Ok

Ok

2024/5/14 15:57 ACQUA 6.0.200

Measurement Protocol

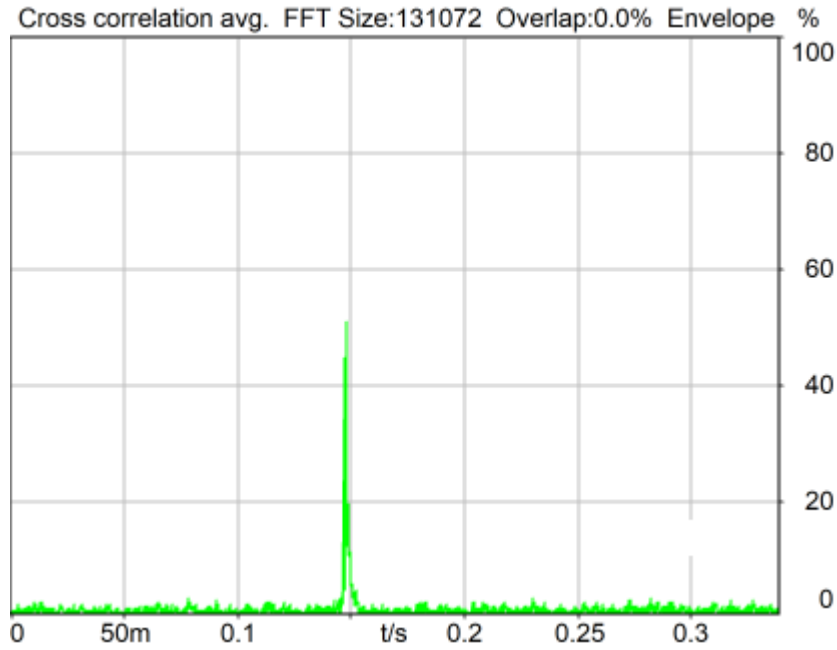
Measurement Object	FR1 n38_40_DFT-s-OFDM_EVS WB 9.6kbps_CH519000
Description	HMD_TA_1600#Tomcat

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

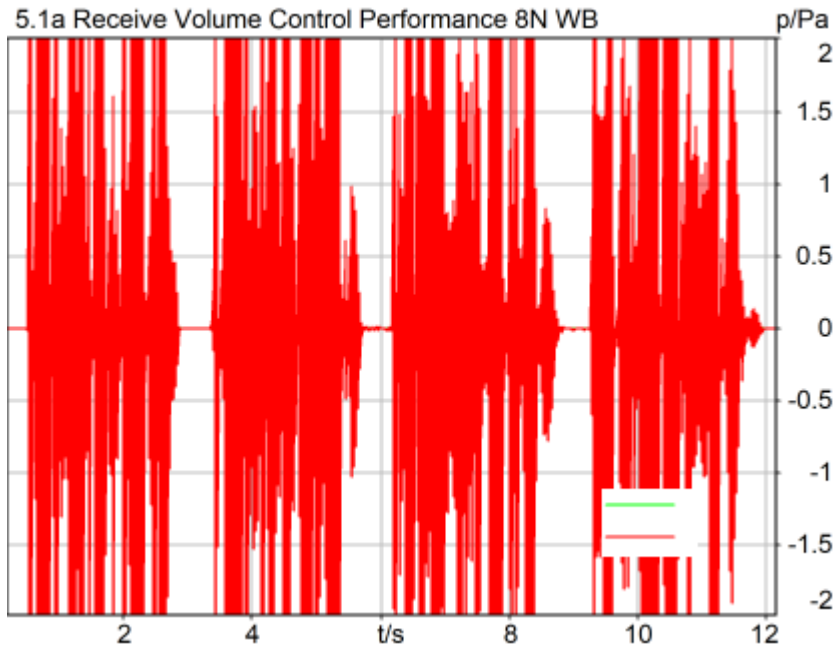


Channel	Delay
RCV*Source	147.7 ms

2024/5/15 9:31 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

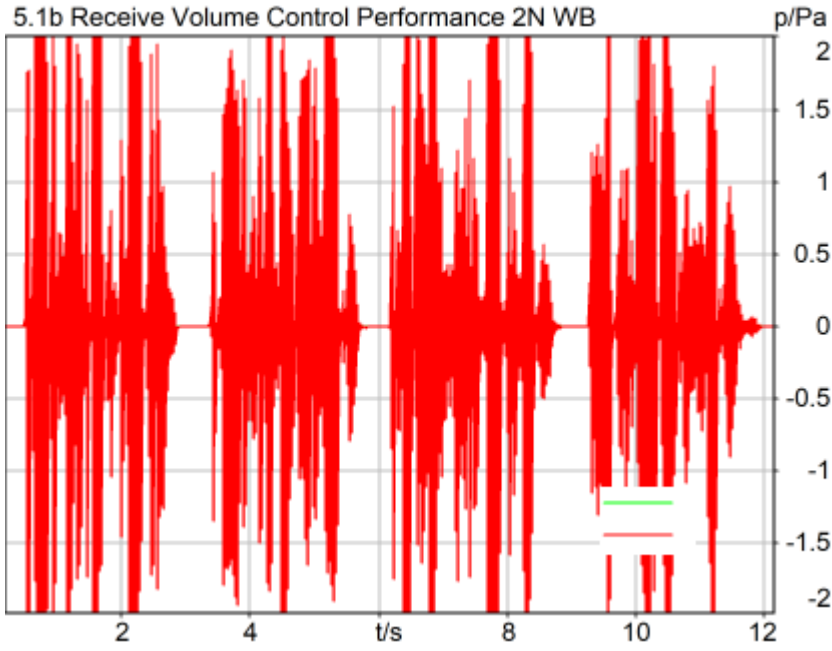
Channel	Speech level	Activity	Corrected speech level	
RCV	92.63 dB[SPL]	84.14%	22.63 dB[SPL]	Ok

Ok

2024/5/15 9:35 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	86.40 dB[SPL]	84.19%	16.40 dB[SPL]	Ok

Ok

2024/5/15 9:31 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n38_40_DFT-s-OFDM_EVS WB 24.4kbps_CH519000
Description	HMD_TA_1600#Tomcat

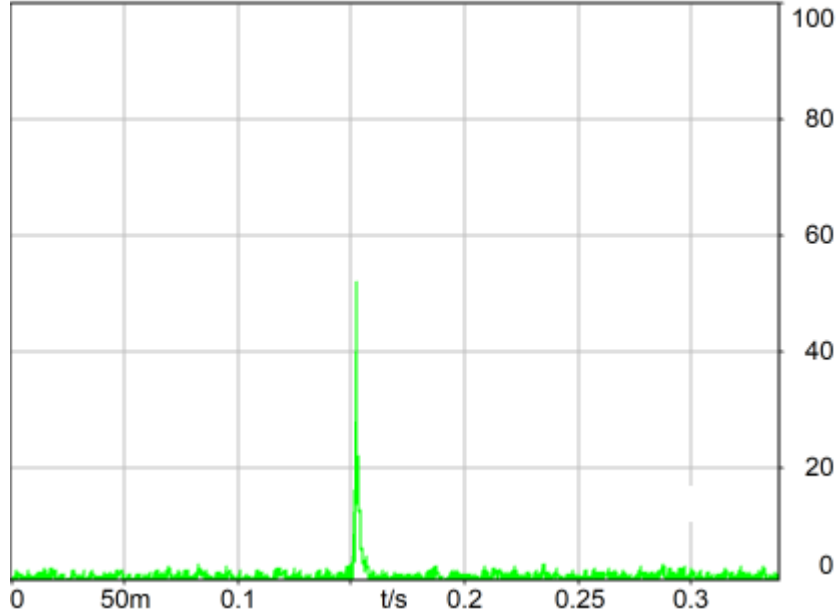
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 16:04
Responsible Person	audio

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 %



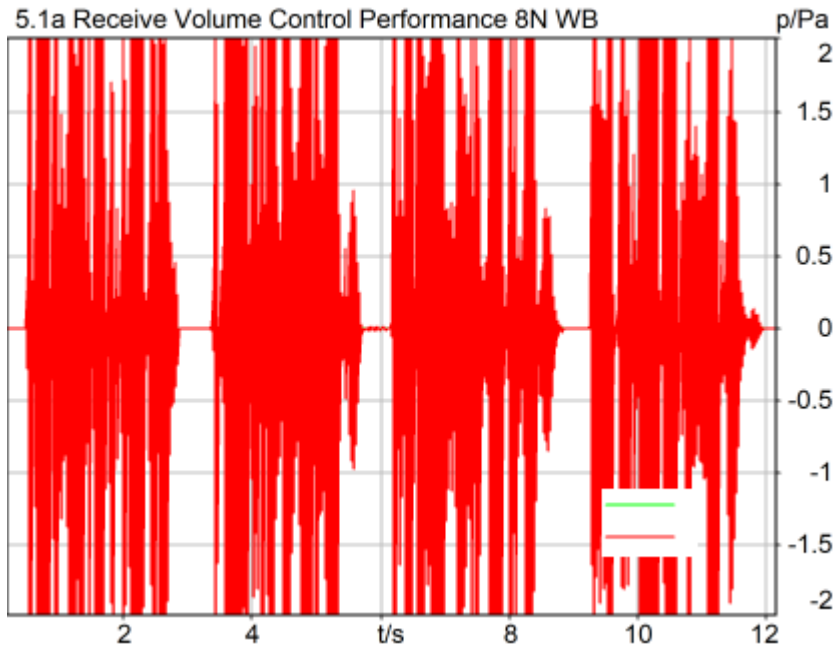
Channel	Delay
RCV*Source	152.4 ms

2024/5/14 16:20 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

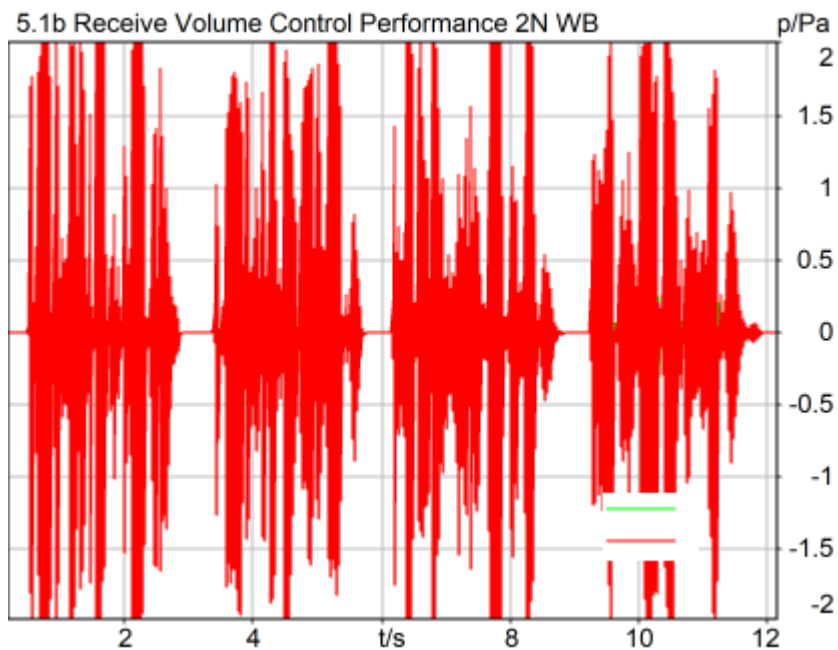
Channel	Speech level	Activity	Corrected speech level	
RCV	92.64 dB[SPL]	83.56%	22.64 dB[SPL]	Ok

Ok

2024/5/15 9:35 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	86.29 dB[SPL]	84.64%	16.29 dB[SPL]	Ok

Ok

2024/5/14 16:20 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n41_100_DFT-s-OFDM_AMR NB 4.75kbps_CH518598
Description	HMD_TA_1600#Tomcat

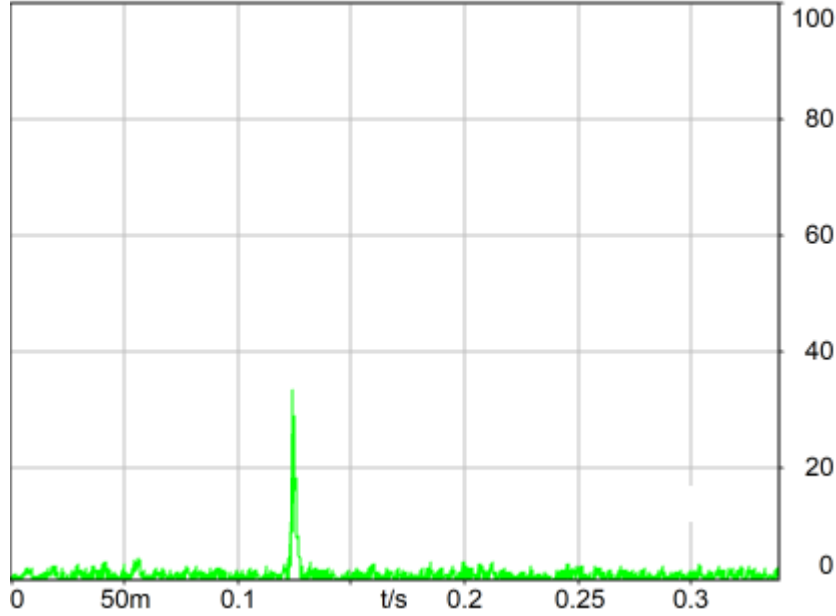
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 10:29
Responsible Person	audio

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

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



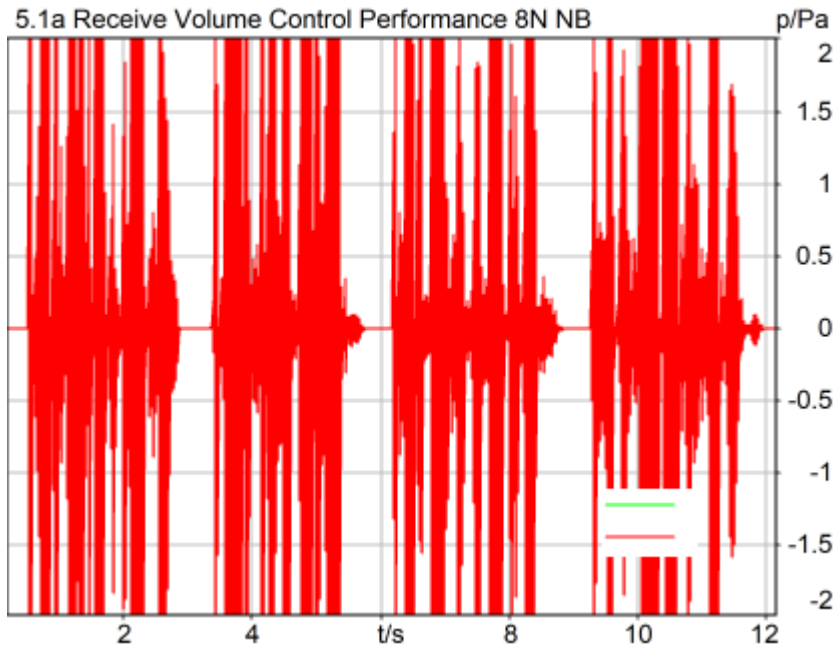
Channel	Delay
RCV*Source	124.3 ms

2024/5/14 14:11 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

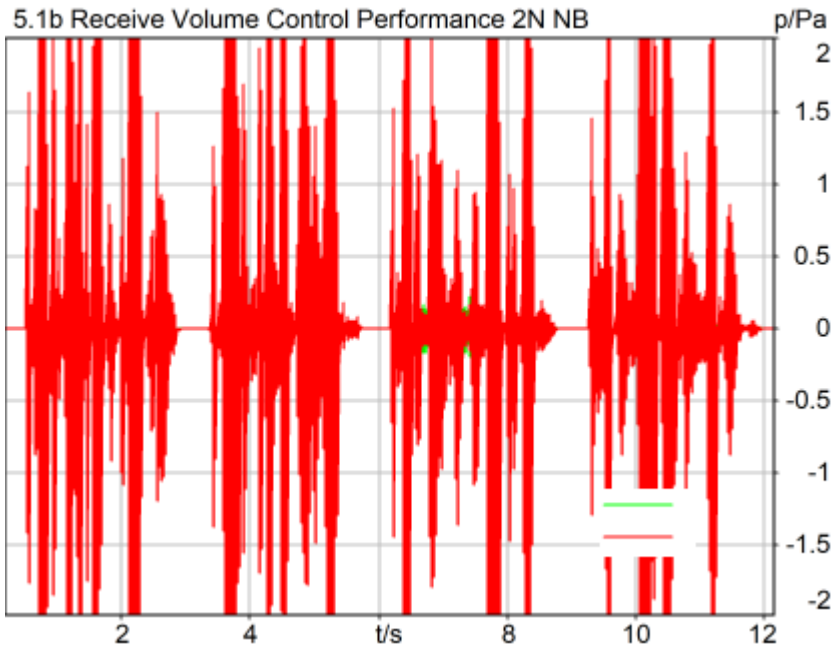
Channel	Speech level	Activity	Corrected speech level	
RCV	93.49 dB[SPL]	80.33%	23.49 dB[SPL]	Ok

Ok

2024/5/14 14:12 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	87.52 dB[SPL]	80.18%	17.52 dB[SPL]	Ok

Ok

2024/5/14 14:11 ACQUA 6.0.200

Measurement Protocol

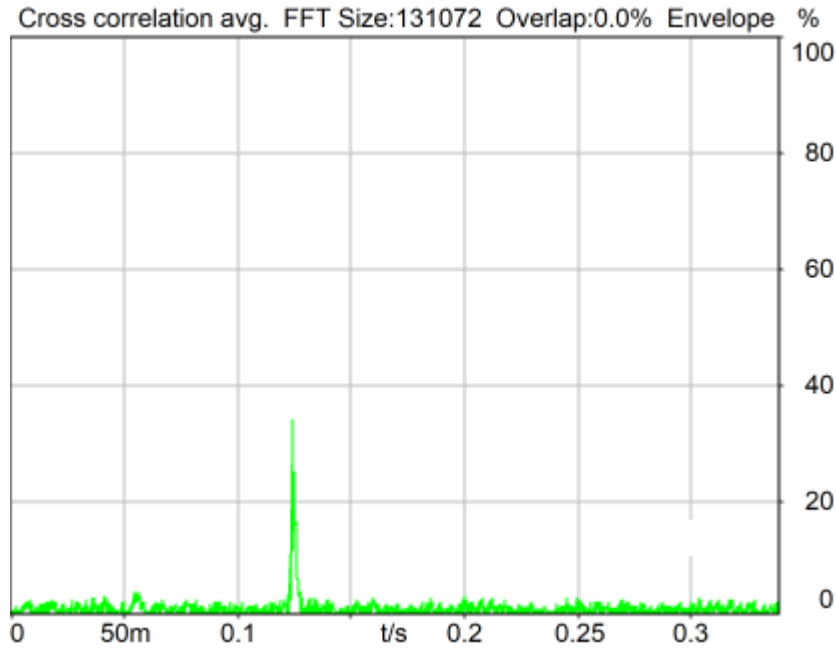
Measurement Object	FR1 n41_100_DFT-s-OFDM_AMR NB 12.2kbps_CH518598
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 10:30
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



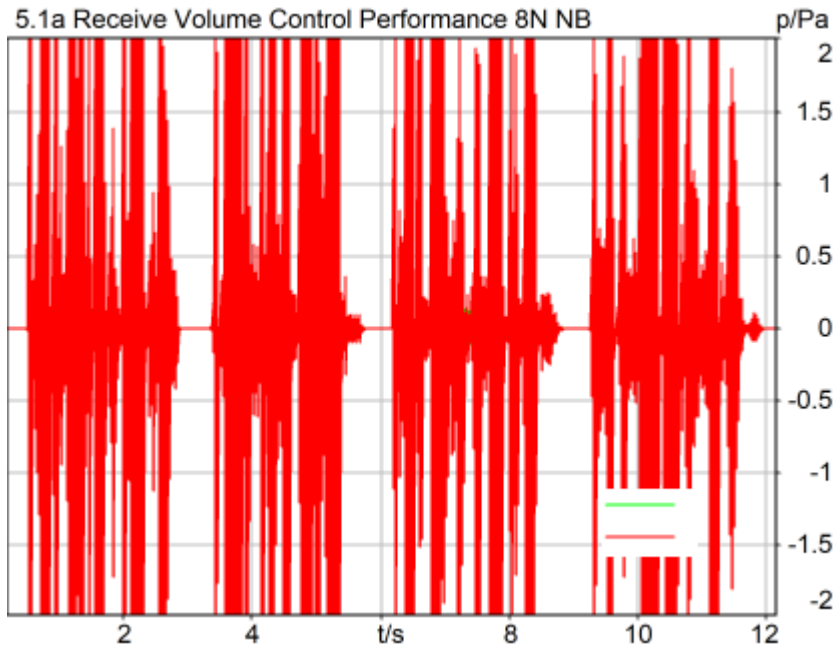
Channel	Delay
RCV*Source	124.2 ms

2024/5/14 14:10 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

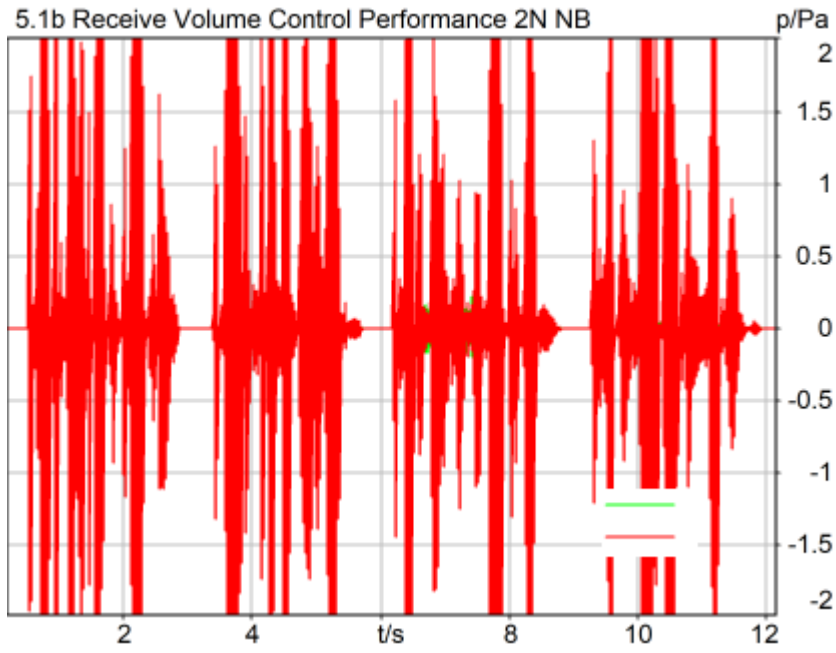
Channel	Speech level	Activity	Corrected speech level	
RCV	93.56 dB[SPL]	80.32%	23.56 dB[SPL]	Ok

Ok

2024/5/14 14:13 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	87.57 dB[SPL]	80.11%	17.57 dB[SPL]	Ok

Ok

2024/5/14 14:10 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n41_100_DFT-s-OFDM_AMR WB 6.6kbps_CH518598
Description	HMD_TA_1600#Tomcat

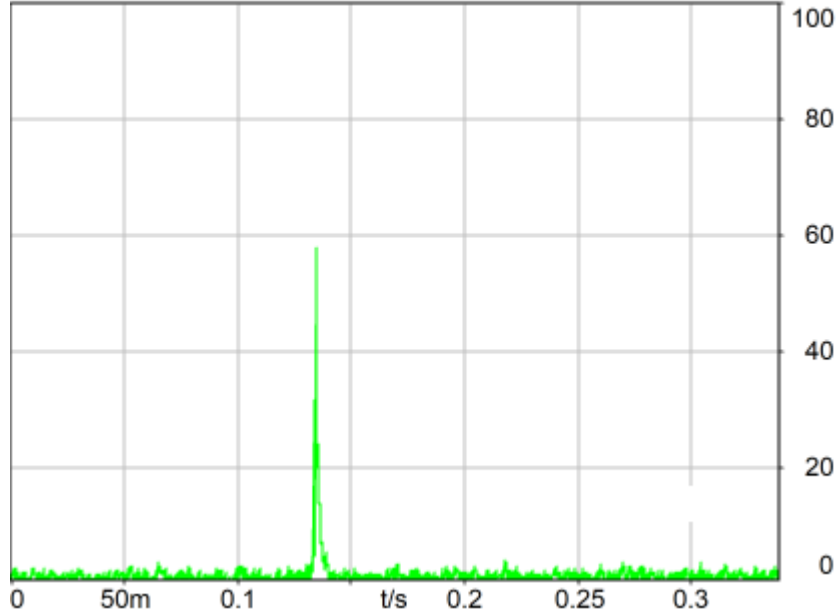
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 10:31
Responsible Person	audio

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 %



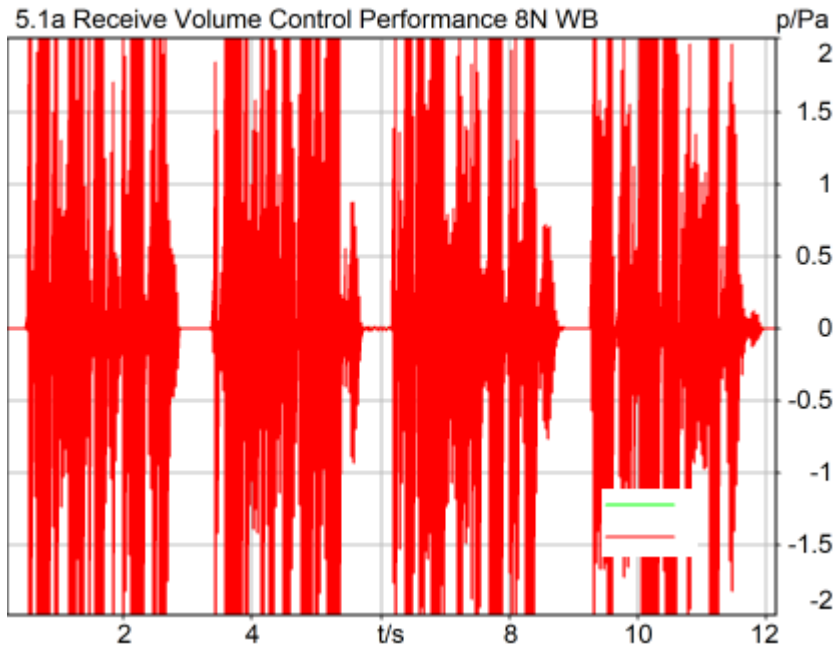
Channel	Delay
RCV*Source	134.9 ms

2024/5/14 14:05 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

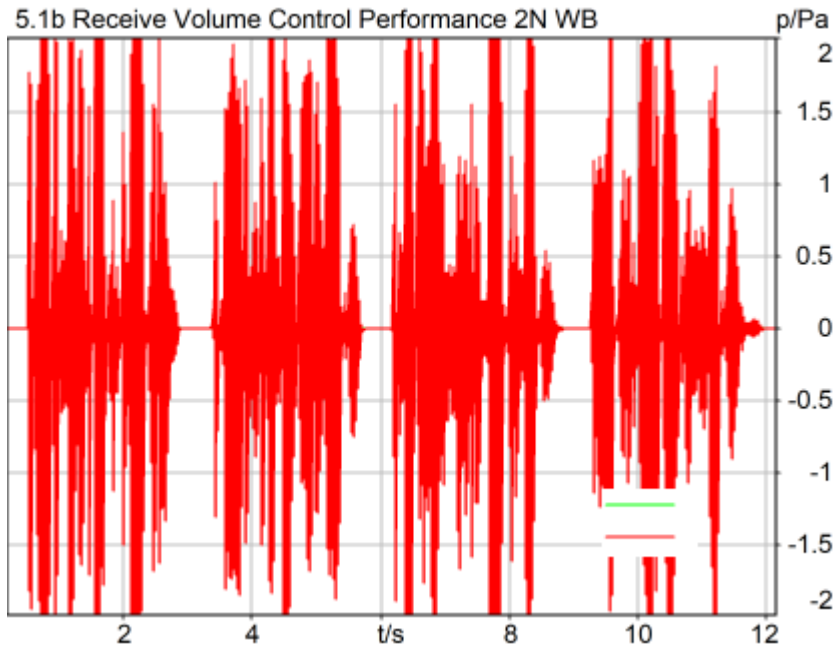
Channel	Speech level	Activity	Corrected speech level	
RCV	92.10 dB[SPL]	84.41%	22.10 dB[SPL]	Ok

Ok

2024/5/14 14:05 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	86.29 dB[SPL]	84.69%	16.29 dB[SPL]	Ok

Ok

2024/5/14 14:06 ACQUA 6.0.200

Measurement Protocol

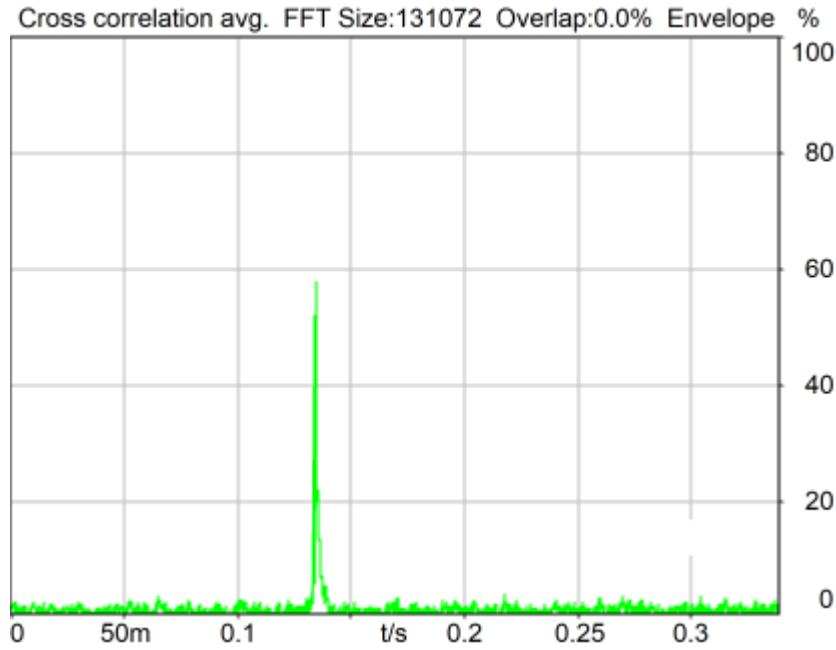
Measurement Object	FR1 n41_100_DFT-s-OFDM_AMR WB 23.85kbps_CH518598
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 10:32
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



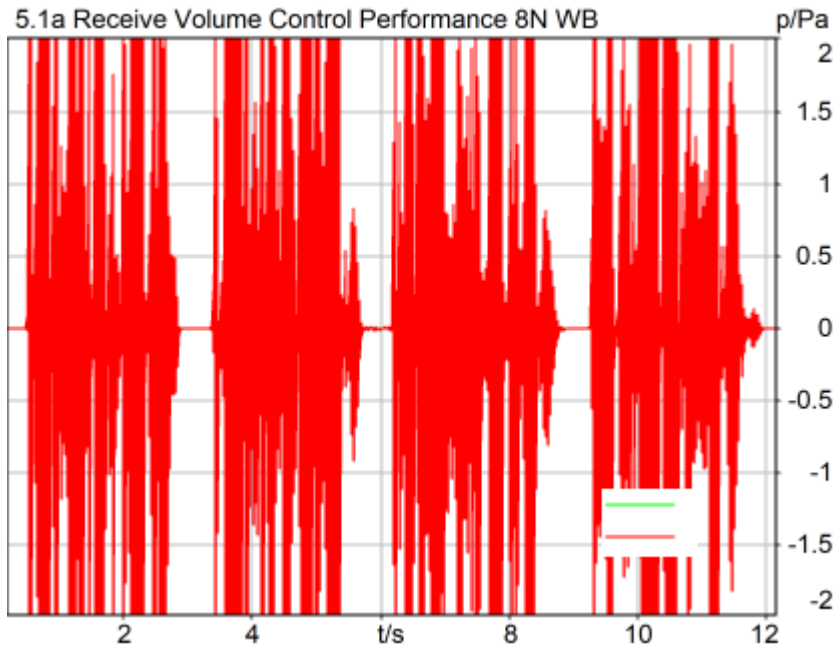
Channel	Delay
RCV*Source	134.8 ms

2024/5/14 14:04 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

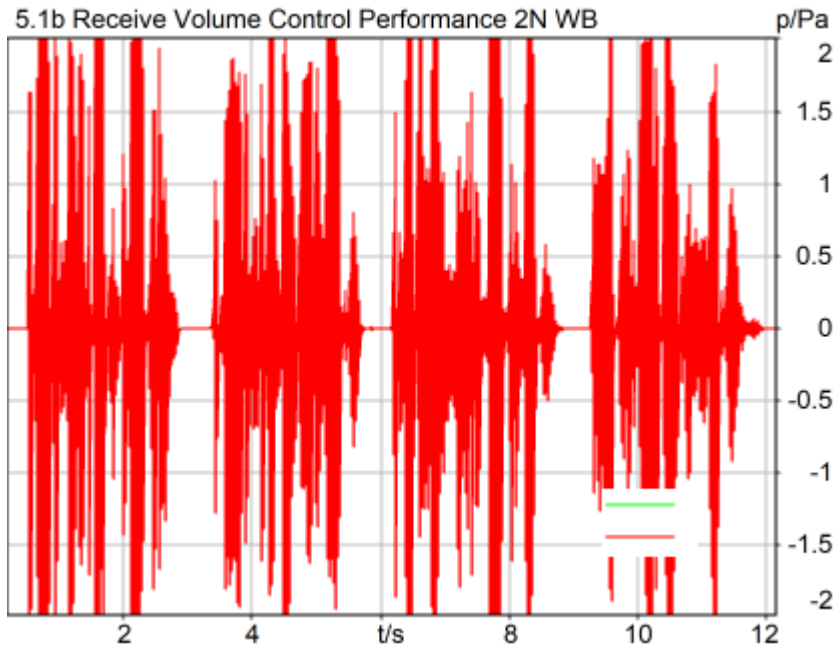
Channel	Speech level	Activity	Corrected speech level	
RCV	92.07 dB[SPL]	84.40%	22.07 dB[SPL]	Ok

Ok

2024/5/14 14:04 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	86.23 dB[SPL]	84.61%	16.23 dB[SPL]	Ok

Ok

2024/5/14 14:07 ACQUA 6.0.200

Measurement Protocol

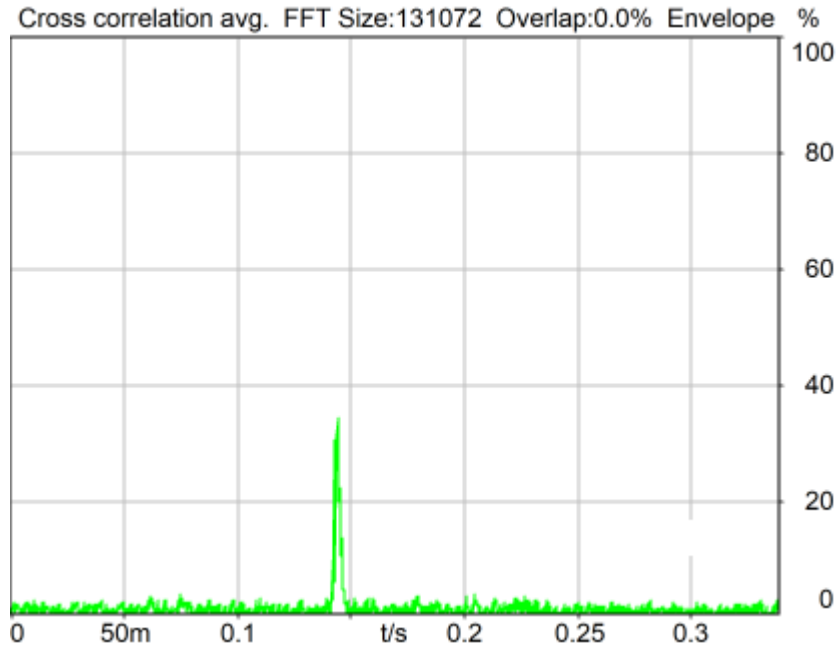
Measurement Object	FR1 n41_100_DFT-s-OFDM_EVS NB 5.9kbps_CH518598
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 10:32
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

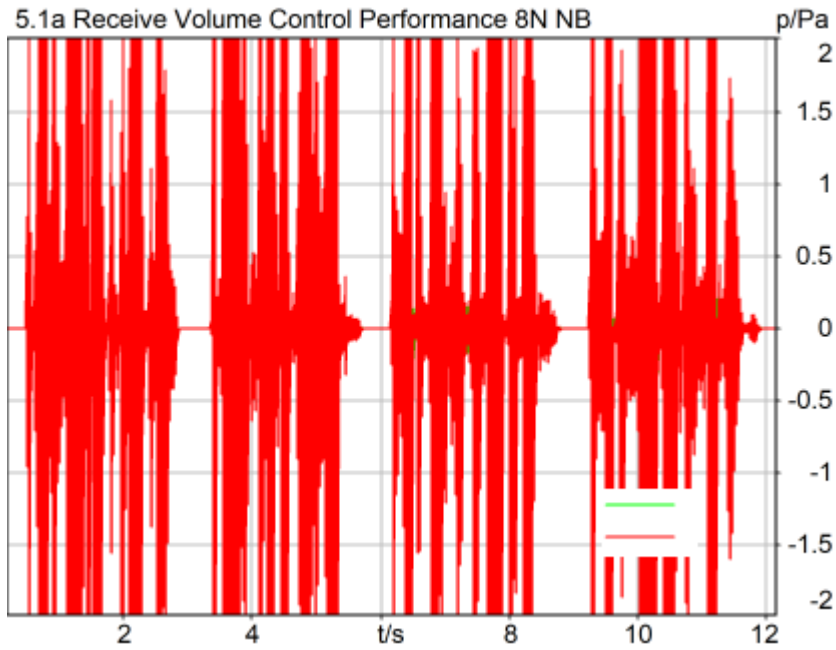


Channel	Delay
RCV*Source	144.0 ms

2024/5/14 14:09 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

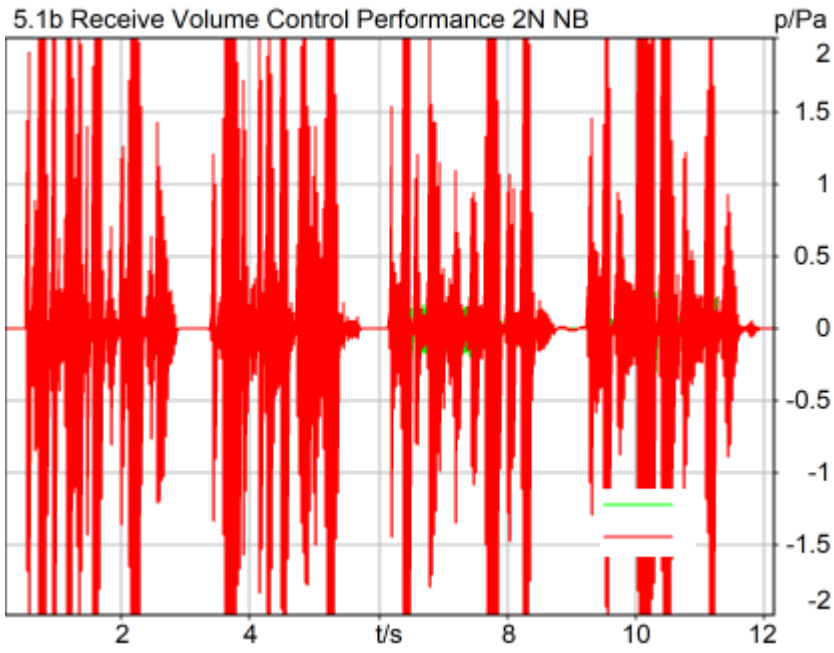
Channel	Speech level	Activity	Corrected speech level	
Rcv	93.83 dB[SPL]	80.33%	23.83 dB[SPL]	Ok

Ok

2024/5/14 14:13 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	87.60 dB[SPL]	80.14%	17.60 dB[SPL]	Ok

Ok

2024/5/14 14:09 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n41_100_DFT-s-OFDM_EVS NB 24.4kbps_CH518598
Project	HMD_TA_1600#Tomcat

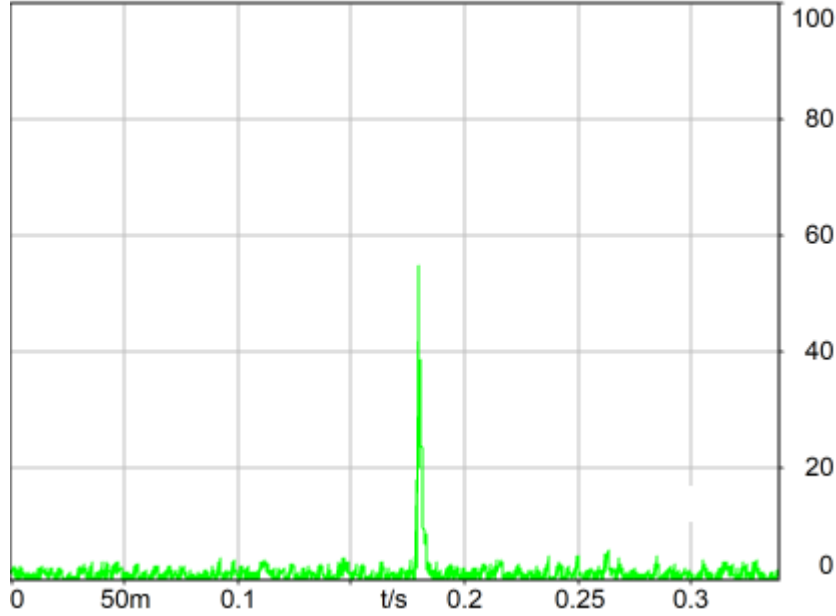
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 16:05
Responsible Person	audio

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 %



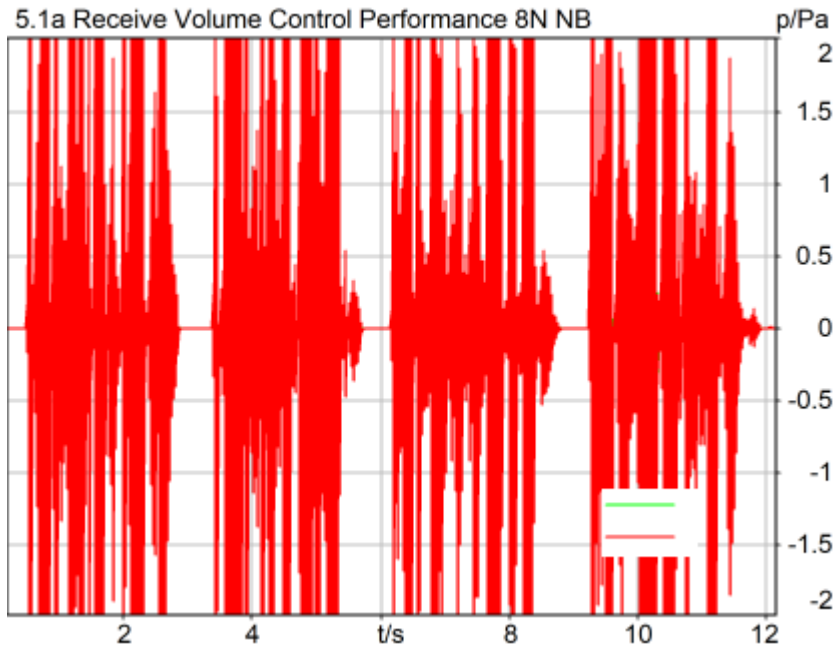
Channel	Delay
RCV*Source	180.1 ms

2024/4/23 14:31 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

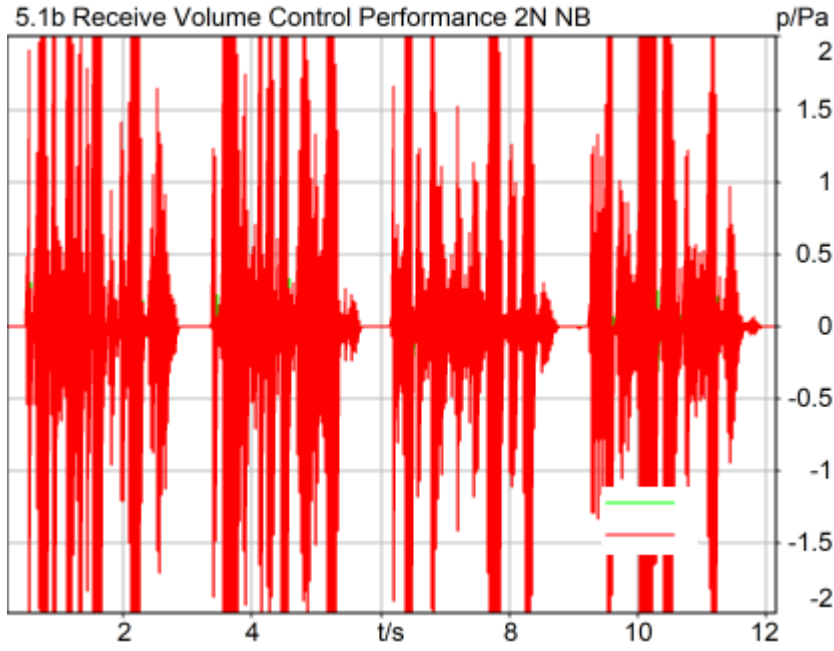
Channel	Speech level	Activity	Corrected speech level	
RCV	94.03 dB[SPL]	80.57%	24.03 dB[SPL]	Ok

Ok

2024/4/23 14:31 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	88.40 dB[SPL]	80.24%	18.40 dB[SPL]	Ok

Ok

2024/4/23 14:40 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n41_100_DFT-s-OFDM_EVS WB 9.6kbps_CH518598
Description	HMD_TA_1600#Tomcat

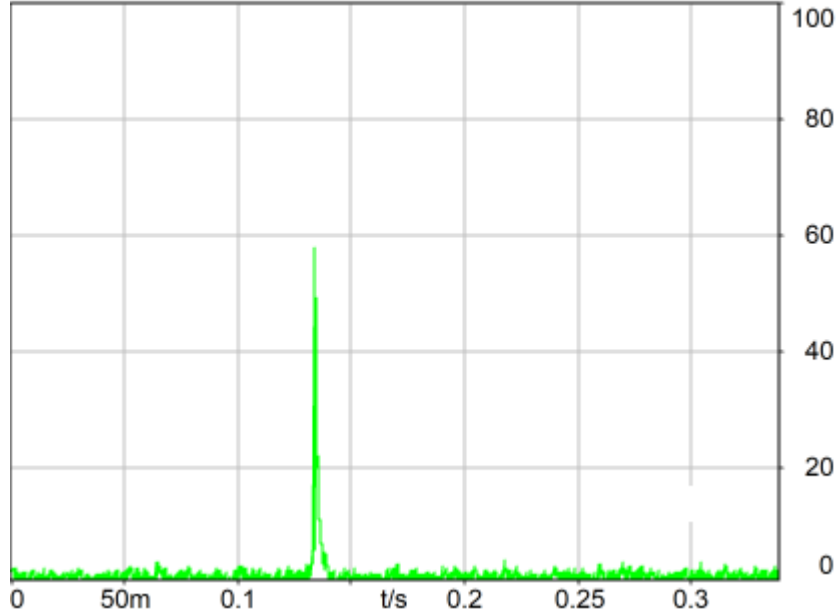
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 10:33
Responsible Person	audio

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 %



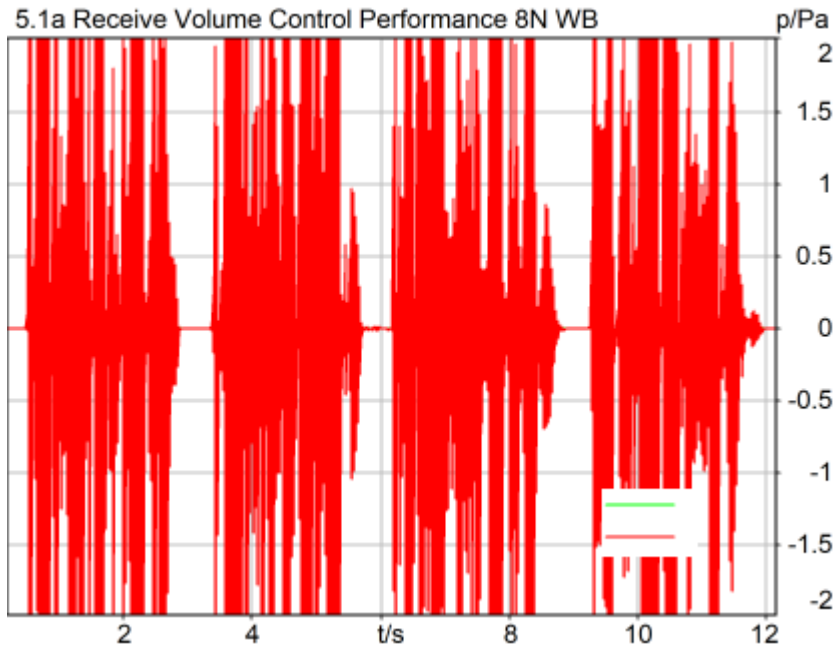
Channel	Delay
RCV*Source	134.7 ms

2024/5/14 14:03 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

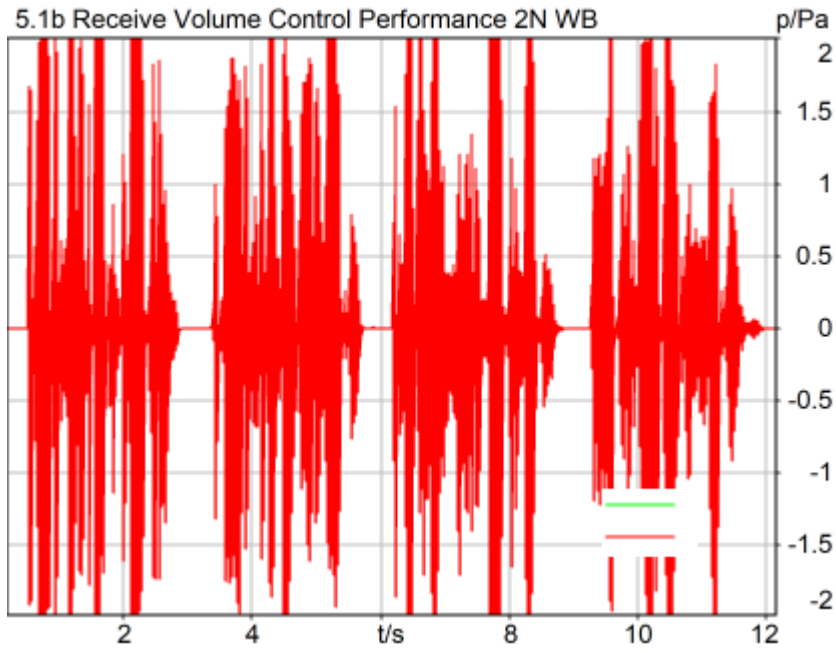
Channel	Speech level	Activity	Corrected speech level	
RCV	92.11 dB[SPL]	84.49%	22.11 dB[SPL]	Ok

Ok

2024/5/14 14:03 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	86.23 dB[SPL]	84.70%	16.23 dB[SPL]	Ok

Ok

2024/5/14 14:07 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n41_100_DFT-s-OFDM_EVS WB 24.4kbps_CH518598
Project	HMD_TA_1600#Tomcat

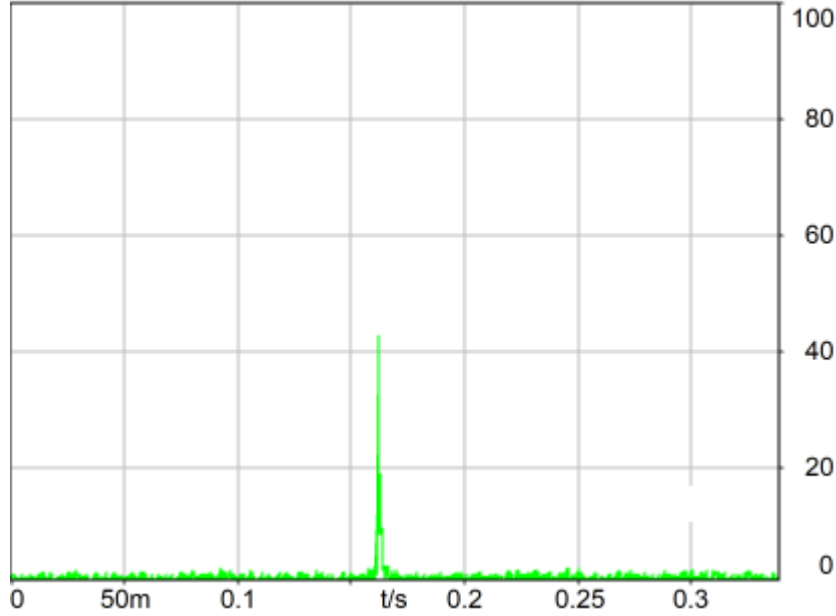
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 16:08
Responsible Person	audio

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

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



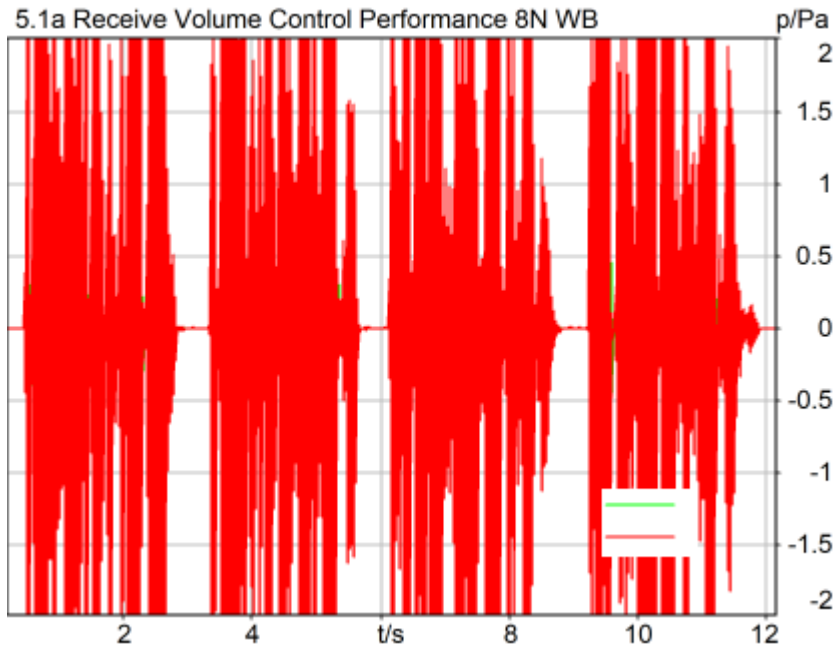
Channel	Delay
RCV*Source	162.5 ms

2024/4/17 11:06 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

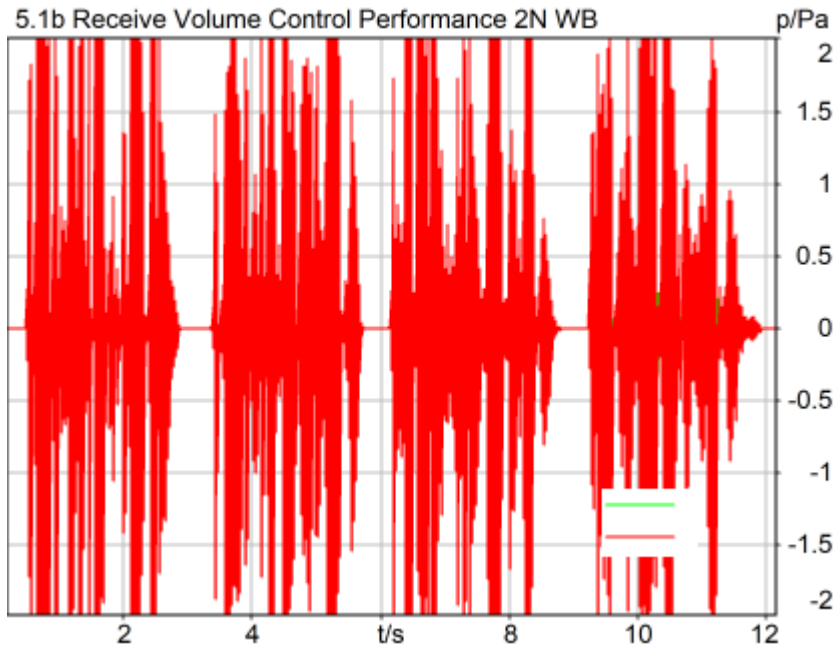
Channel	Speech level	Activity	Corrected speech level	
RCV	93.52 dB[SPL]	84.51%	23.52 dB[SPL]	Ok

Ok

2024/4/17 11:16 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	87.76 dB[SPL]	84.60%	17.76 dB[SPL]	Ok

Ok

2024/4/17 11:06 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n48_40_DFT-s-OFDM_AMR NB 4.75kbps_CH641666
Description	HMD_TA_1600#Tomcat

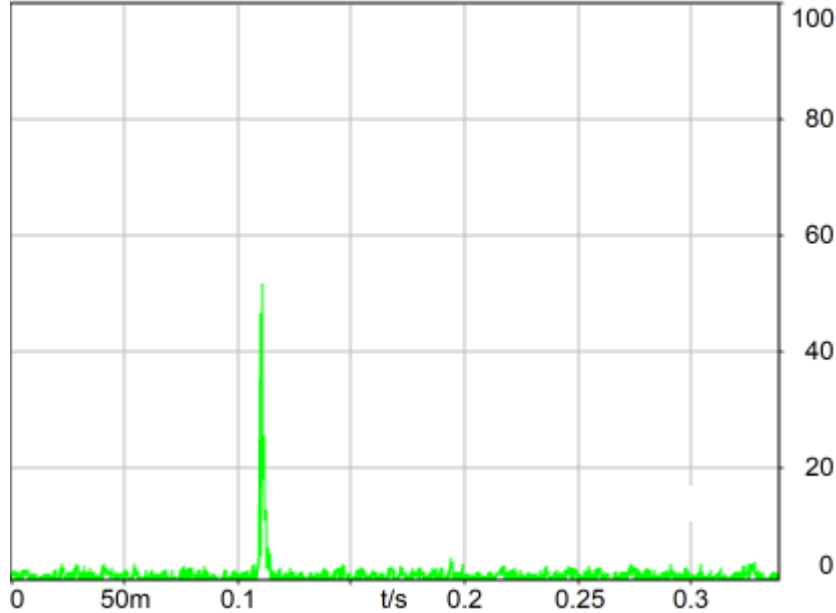
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 10:34
Responsible Person	audio

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 %



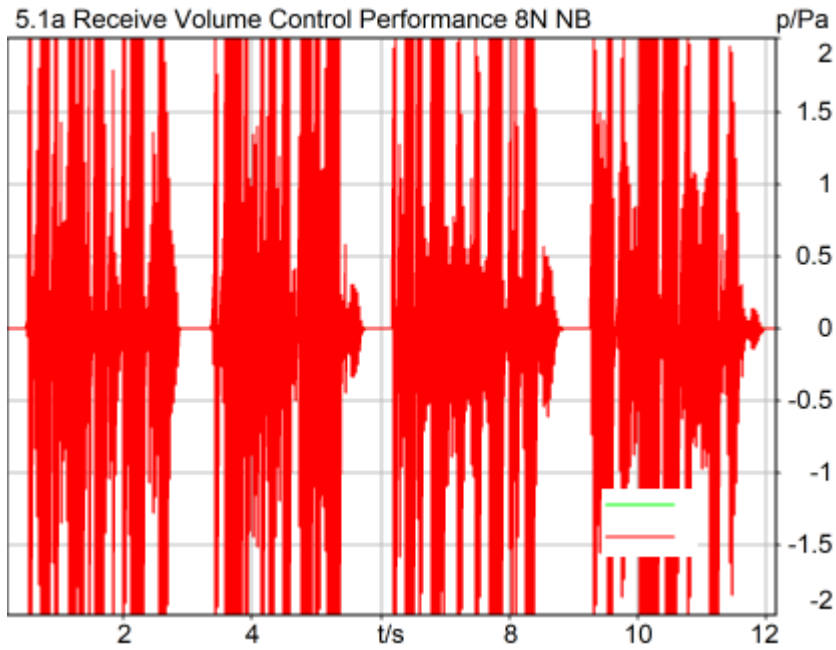
Channel	Delay
RCV*Source	111.0 ms

2024/5/15 10:15 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

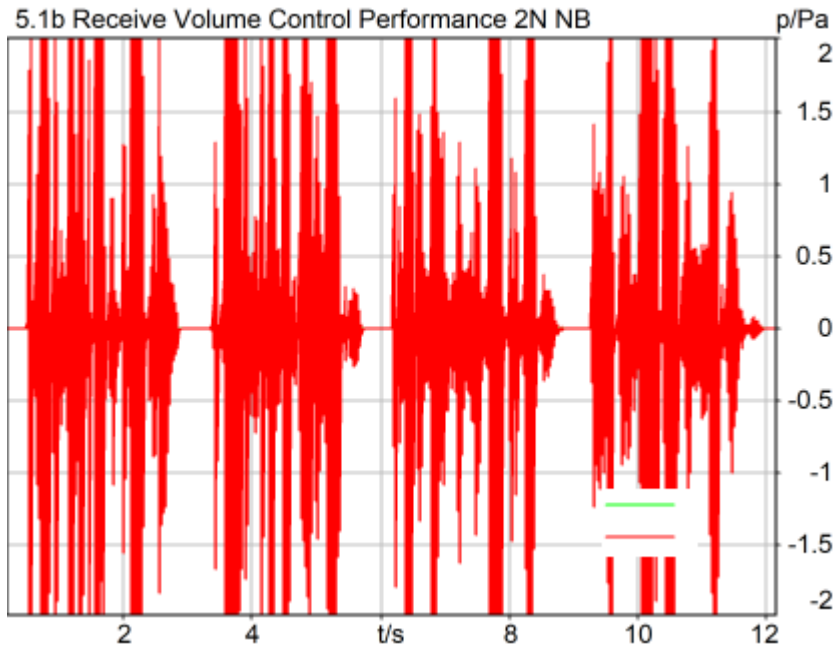
Channel	Speech level	Activity	Corrected speech level	
RCV	94.51 dB[SPL]	80.46%	24.51 dB[SPL]	Ok

Ok

2024/5/15 10:16 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	88.51 dB[SPL]	80.26%	18.51 dB[SPL]	Ok

Ok

2024/5/15 10:15 ACQUA 6.0.200

Measurement Protocol

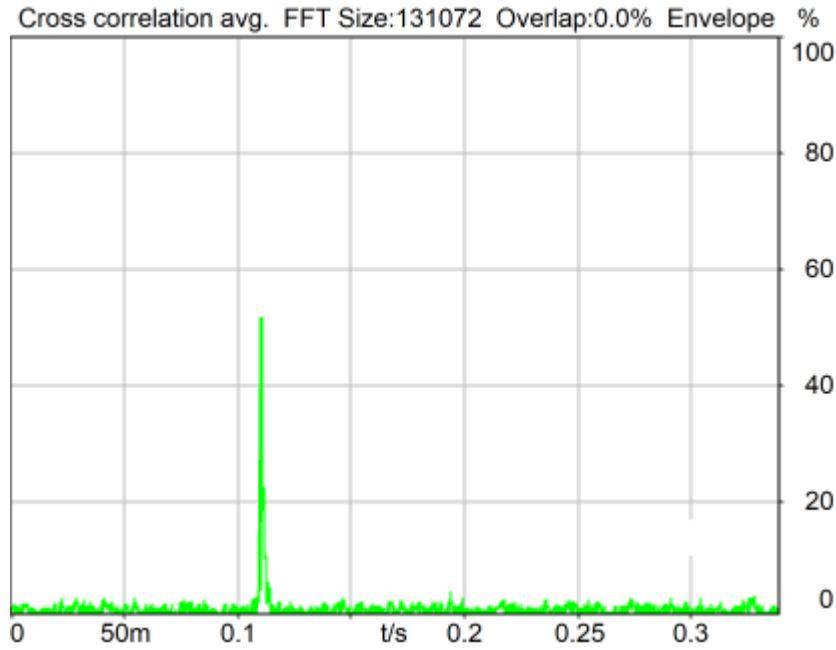
Measurement Object	FR1 n48_40_DFT-s-OFDM_AMR NB 12.2kbps_CH641666
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 10:34
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

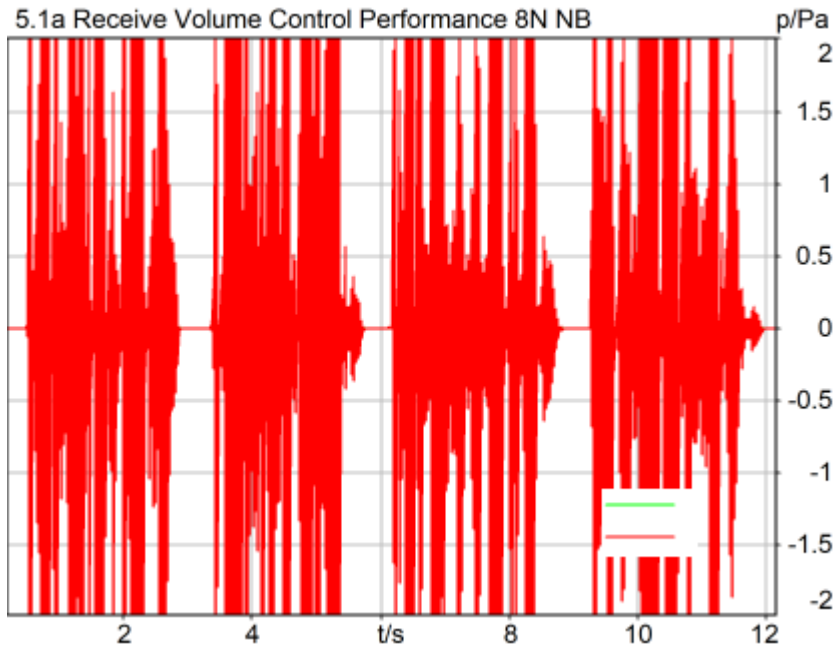


Channel	Delay
RCV*Source	110.9 ms

2024/5/15 10:14 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

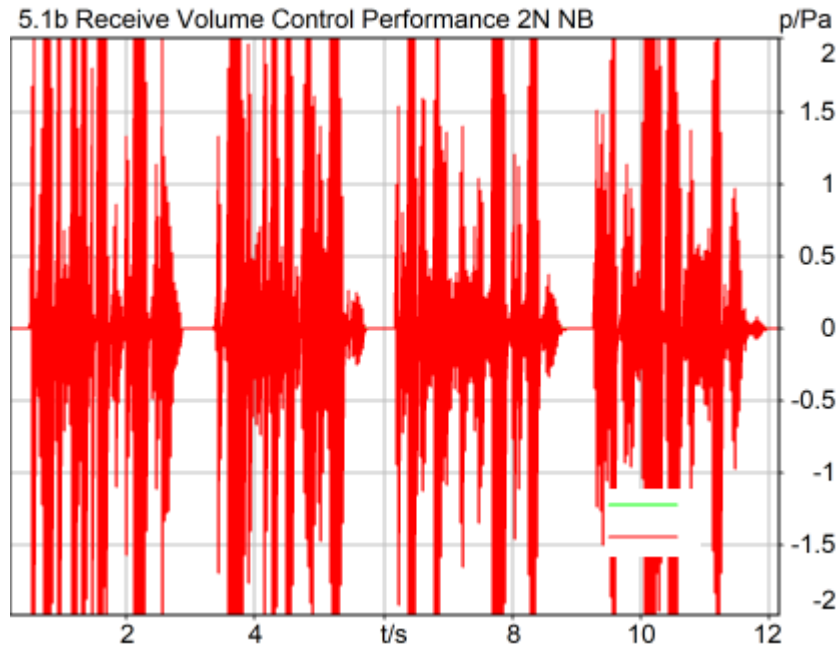
Channel	Speech level	Activity	Corrected speech level	
RCV	94.66 dB[SPL]	80.42%	24.66 dB[SPL]	Ok

Ok

2024/5/15 10:17 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	88.57 dB[SPL]	80.30%	18.57 dB[SPL]	Ok

Ok

2024/5/15 10:15 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n48_40_DFT-s-OFDM_AMR WB 6.6kbps_CH641666
Description	HMD_TA_1600#Tomcat

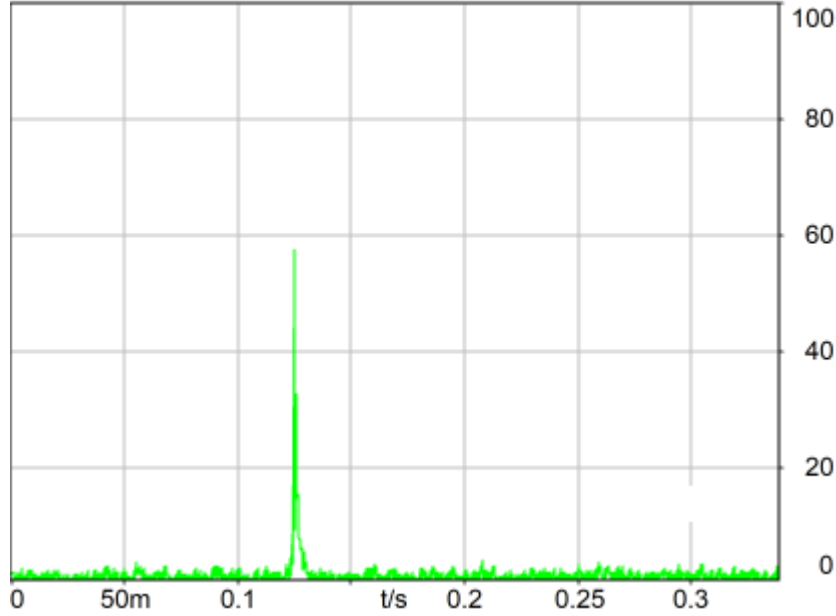
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 10:35
Responsible Person	audio

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 %



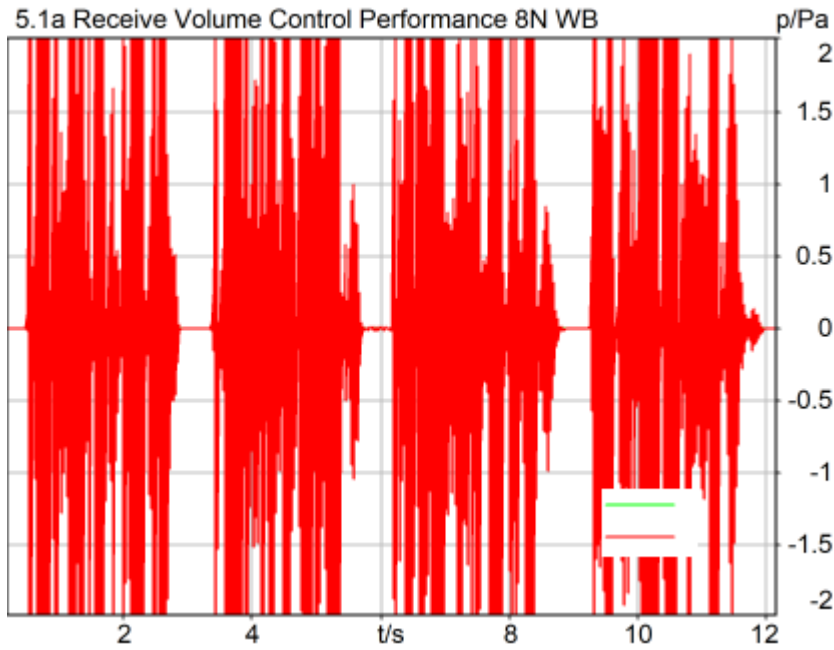
Channel	Delay
RCV*Source	125.1 ms

2024/5/15 10:37 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

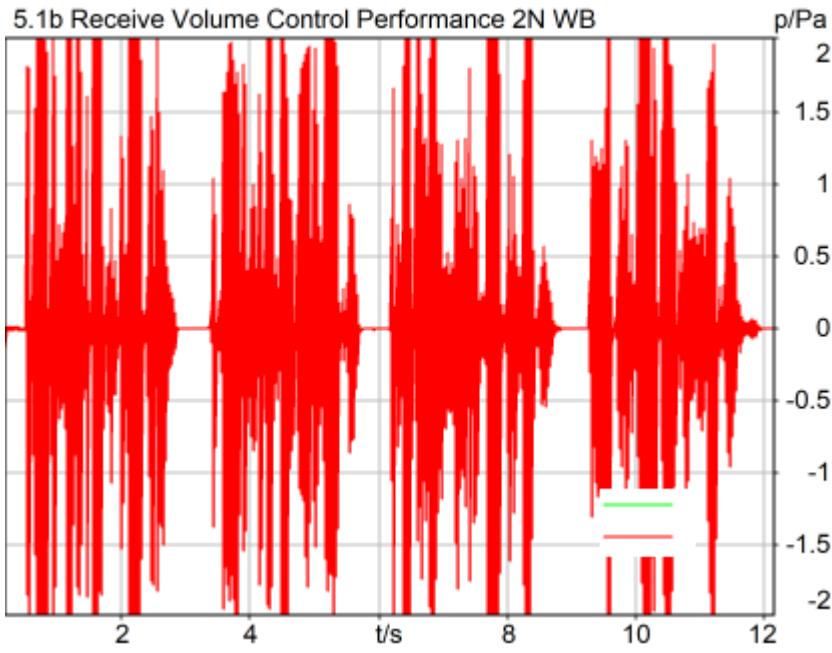
Channel	Speech level	Activity	Corrected speech level	
RCV	92.46 dB[SPL]	84.14%	22.46 dB[SPL]	Ok

Ok

2024/5/15 10:37 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	86.93 dB[SPL]	84.45%	16.93 dB[SPL]	Ok

Ok

2024/5/15 10:39 ACQUA 6.0.200

Measurement Protocol

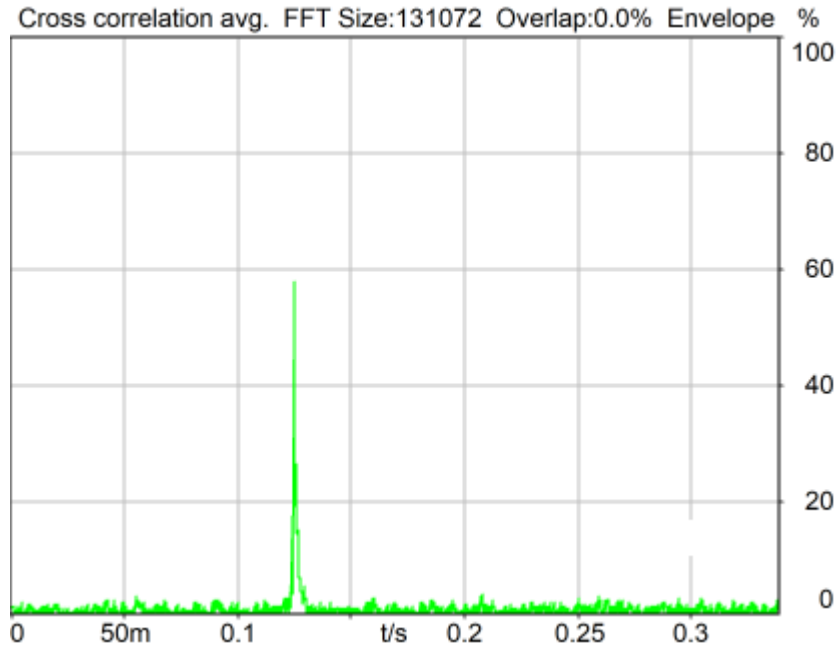
Measurement Object	FR1 n48_40_DFT-s-OFDM_AMR WB 23.85kbps_CH641666
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 10:35
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

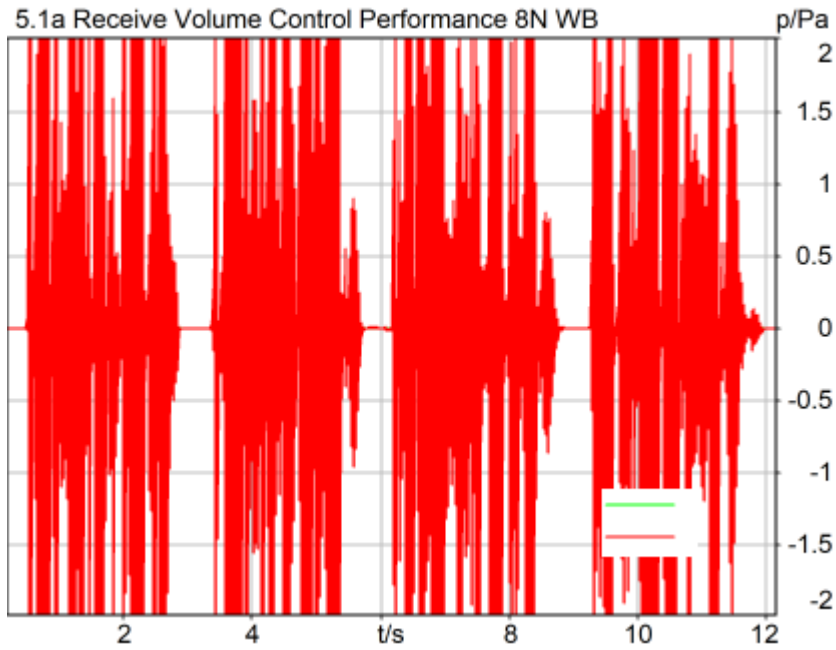


Channel	Delay
RCV*Source	124.9 ms

2024/5/15 10:36 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

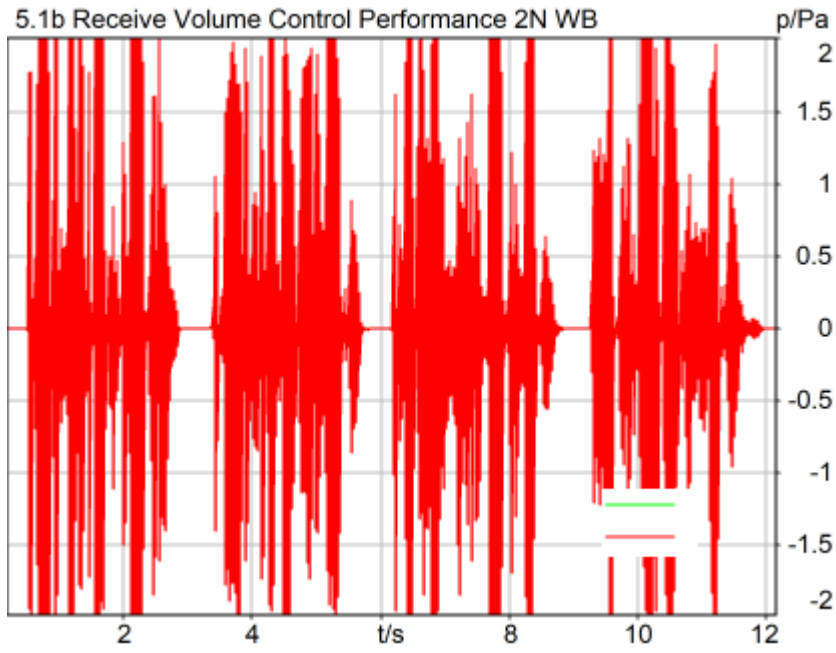
Channel	Speech level	Activity	Corrected speech level	
RCV	92.48 dB[SPL]	83.51%	22.48 dB[SPL]	Ok

Ok

2024/5/15 10:36 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	86.94 dB[SPL]	84.52%	16.94 dB[SPL]	Ok

Ok

2024/5/15 10:40 ACQUA 6.0.200

Measurement Protocol

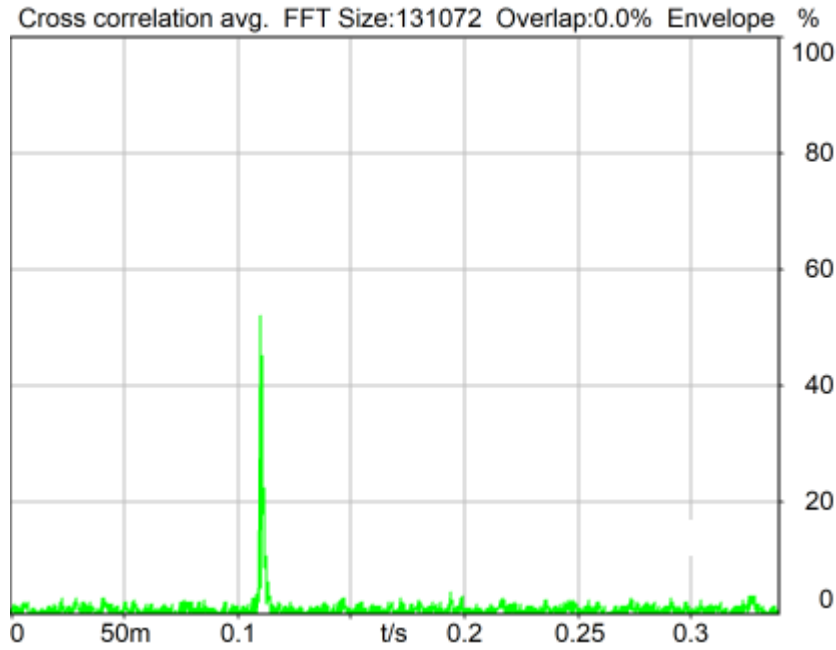
Measurement Object	FR1 n48_40_DFT-s-OFDM_EVS NB 5.9kbps_CH641666
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 10:36
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

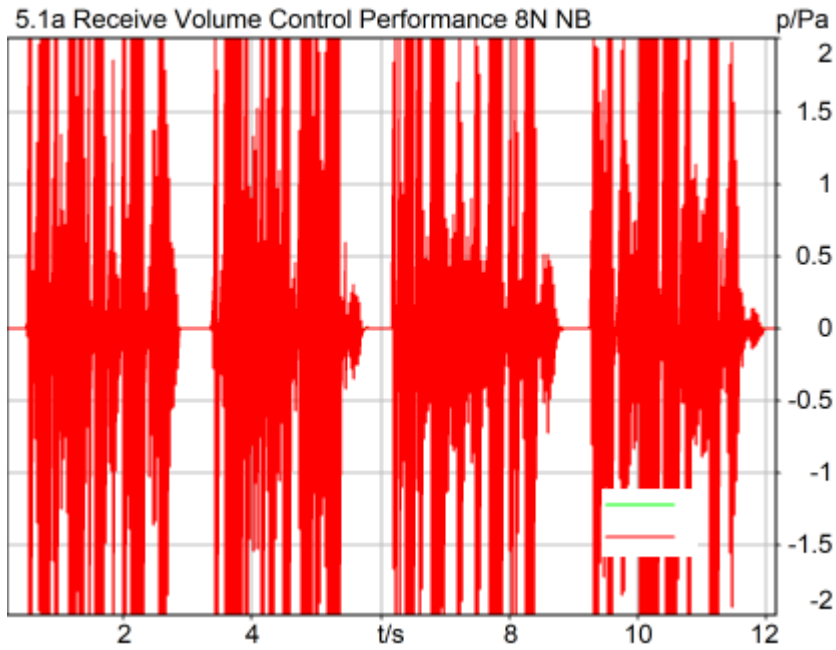


Channel	Delay
RCV*Source	110.9 ms

2024/5/15 10:14 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

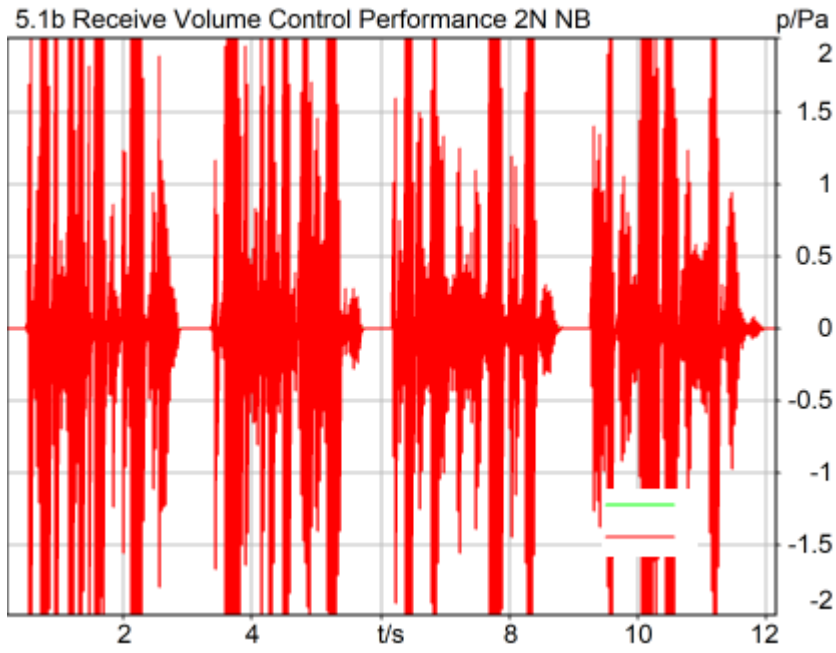
Channel	Speech level	Activity	Corrected speech level	
RCV	94.65 dB[SPL]	80.40%	24.65 dB[SPL]	Ok

Ok

2024/5/15 10:18 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	88.50 dB[SPL]	80.26%	18.50 dB[SPL]	Ok

Ok

2024/5/15 10:14 ACQUA 6.0.200

Measurement Protocol

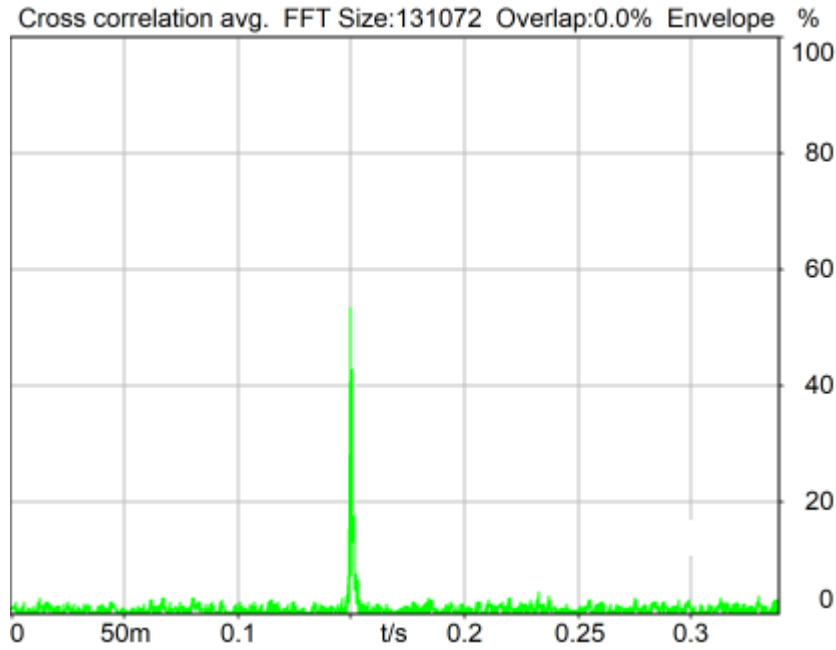
Measurement Object	FR1 n48_40_DFT-s-OFDM_EVS NB 24.4kbps_CH641666
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 16:10
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



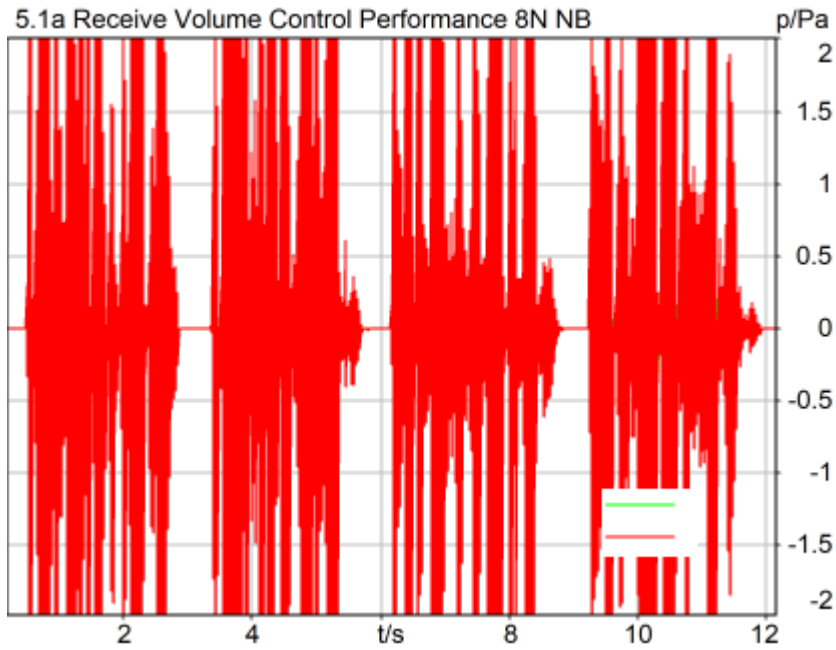
Channel	Delay
RCV*Source	150.0 ms

2024/5/15 10:06 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

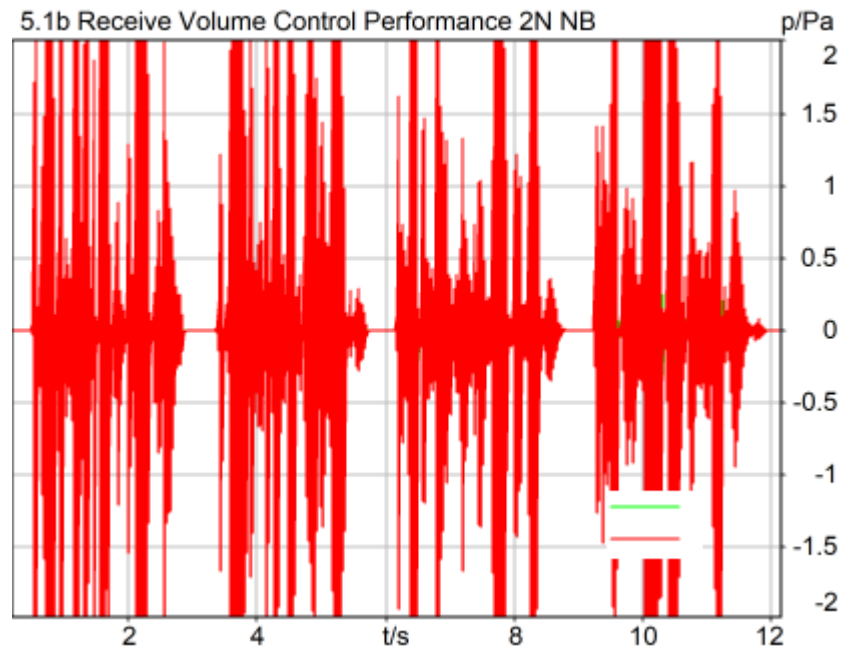
Channel	Speech level	Activity	Corrected speech level	
RCV	94.37 dB[SPL]	80.42%	24.37 dB[SPL]	Ok

Ok

2024/5/15 10:19 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	88.62 dB[SPL]	80.22%	18.62 dB[SPL]	Ok

Ok

2024/5/15 10:07 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n48_40_DFT-s-OFDM_EVS WB 9.6kbps_CH641666
Description	HMD_TA_1600#Tomcat

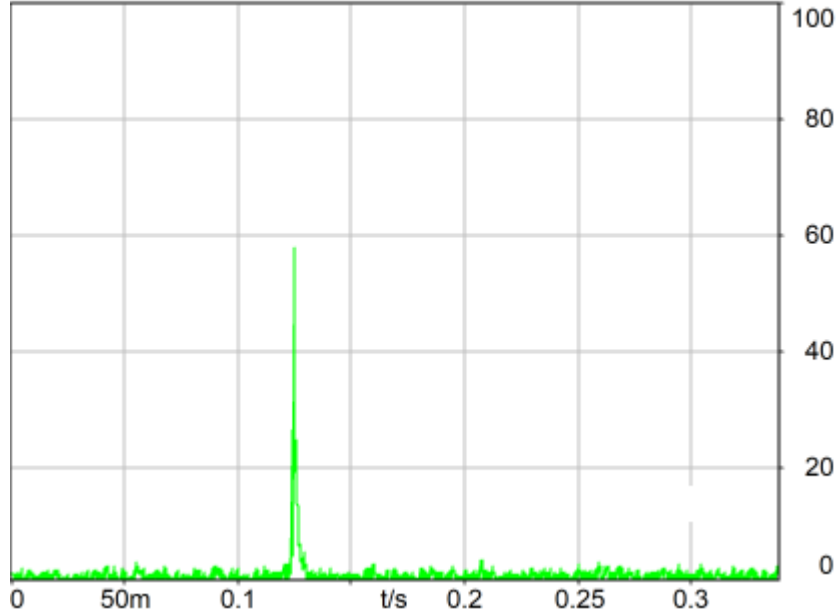
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 10:36
Responsible Person	audio

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

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



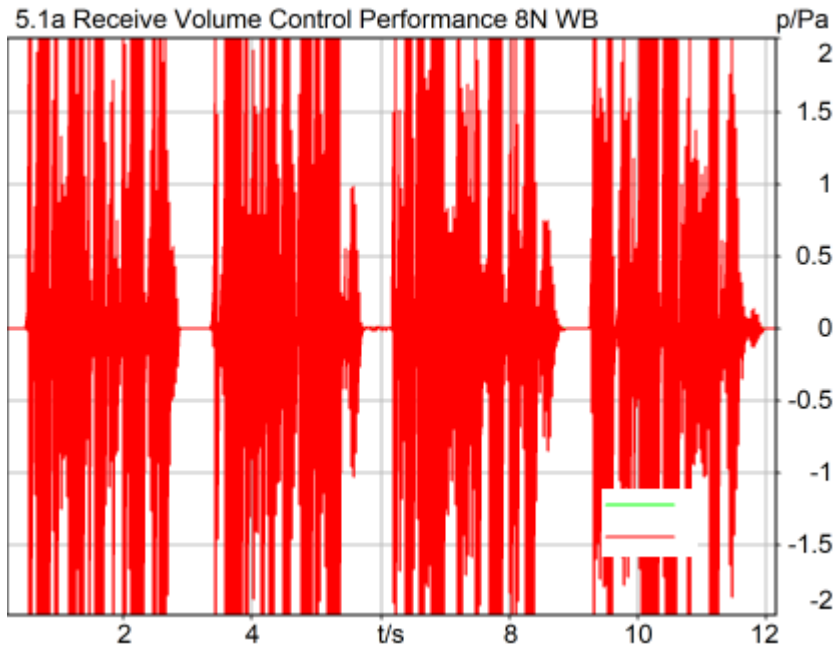
Channel	Delay
RCV*Source	124.9 ms

2024/5/15 10:35 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

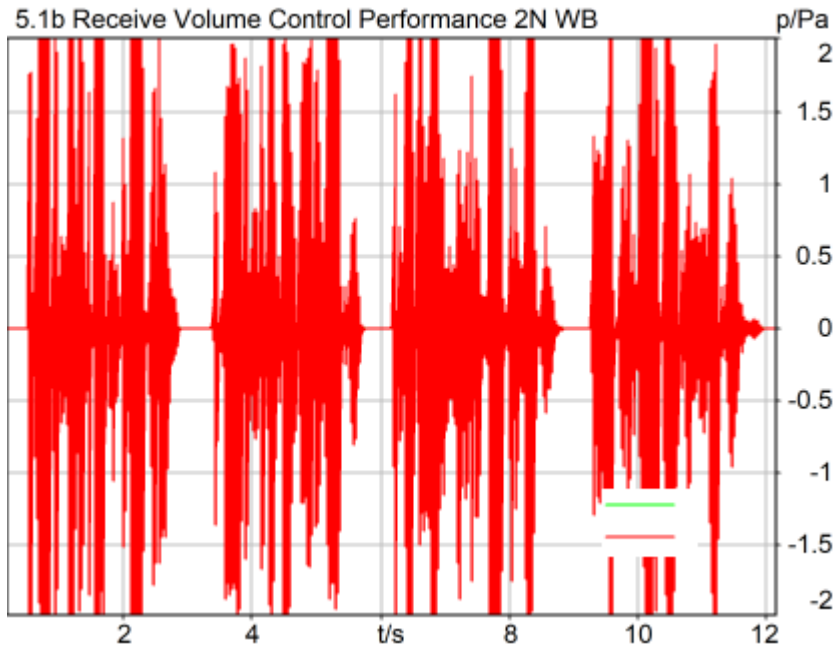
Channel	Speech level	Activity	Corrected speech level	
Rcv	92.47 dB[SPL]	84.33%	22.47 dB[SPL]	Ok

Ok

2024/5/15 10:35 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	86.96 dB[SPL]	84.57%	16.96 dB[SPL]	Ok

Ok

2024/5/15 10:41 ACQUA 6.0.200

Measurement Protocol

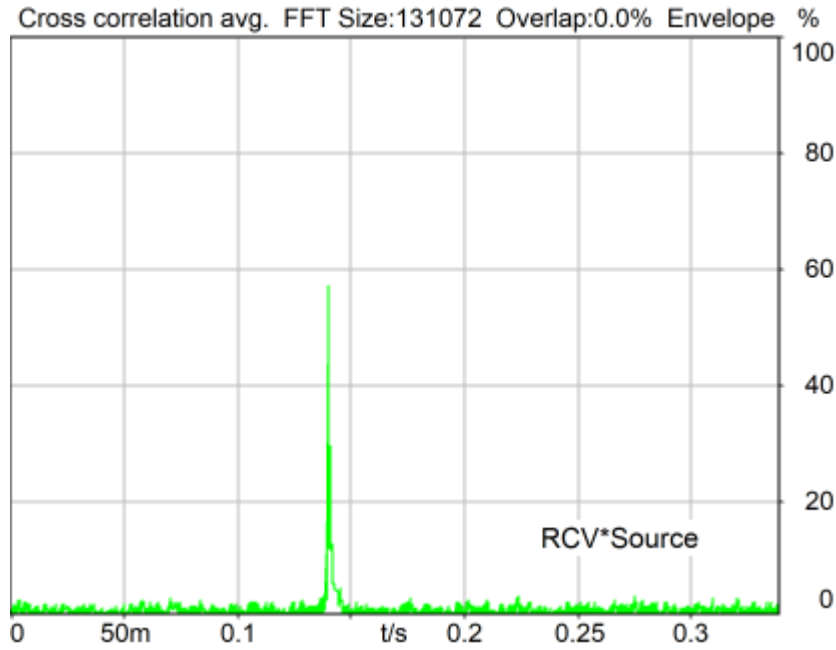
Measurement Object	FR1 n48_40_DFT-s-OFDM_EVS WB 24.4kbps_CH641666
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 16:10
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



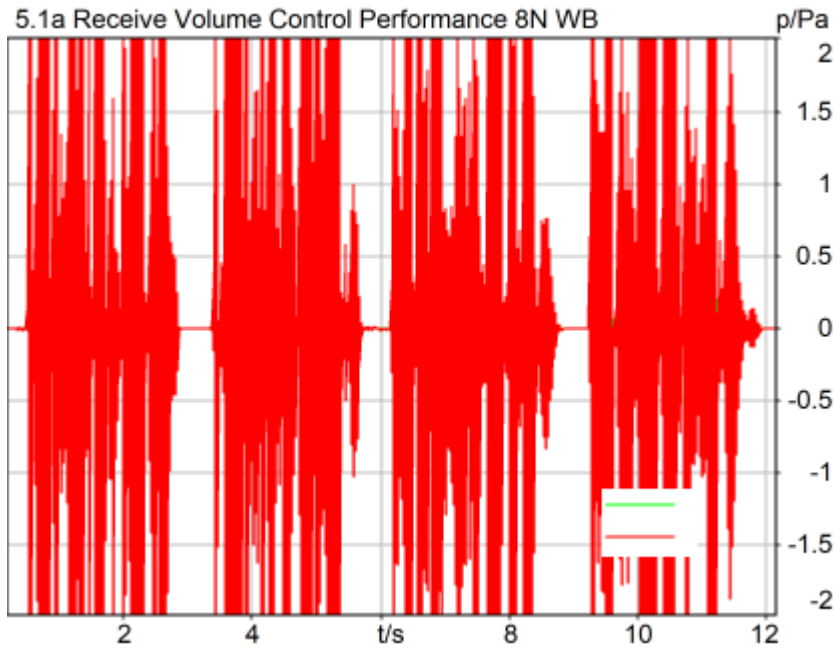
Channel	Delay
RCV*Source	140.6 ms

2024/5/16 11:08 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

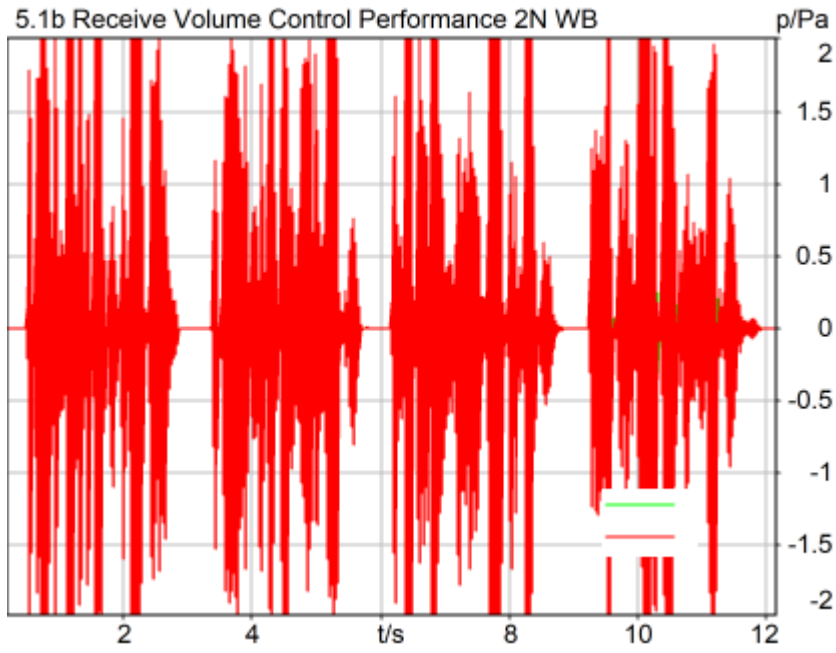
Channel	Speech level	Activity	Corrected speech level	
RCV	92.50 dB[SPL]	84.28%	22.50 dB[SPL]	Ok

Ok

2024/5/15 10:26 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	86.91 dB[SPL]	84.62%	16.91 dB[SPL]	Ok

Ok

2024/5/15 10:42 ACQUA 6.0.200

Measurement Protocol

Measurement Object	FR1 n66_20_DFT-s-OFDM_AMR NB 4.75kbps_CH349000
Description	HMD_TA_1600#Tomcat

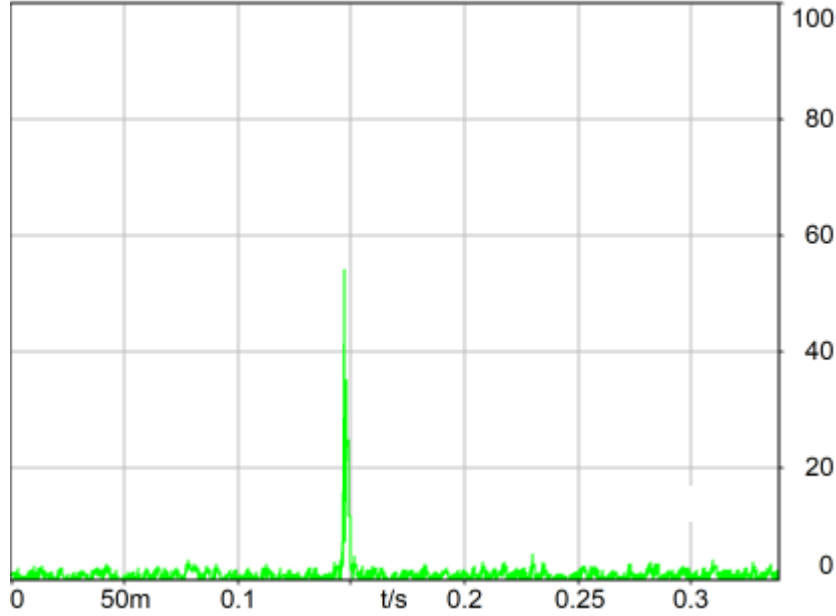
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 10:37
Responsible Person	audio

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

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



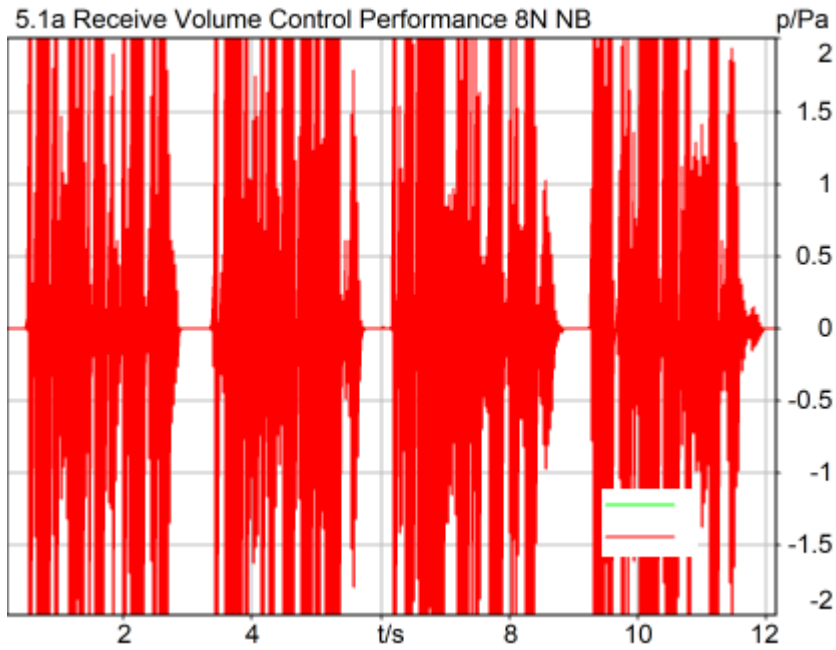
Channel	Delay
RCV*Source	147.4 ms

2024/4/28 14:14 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

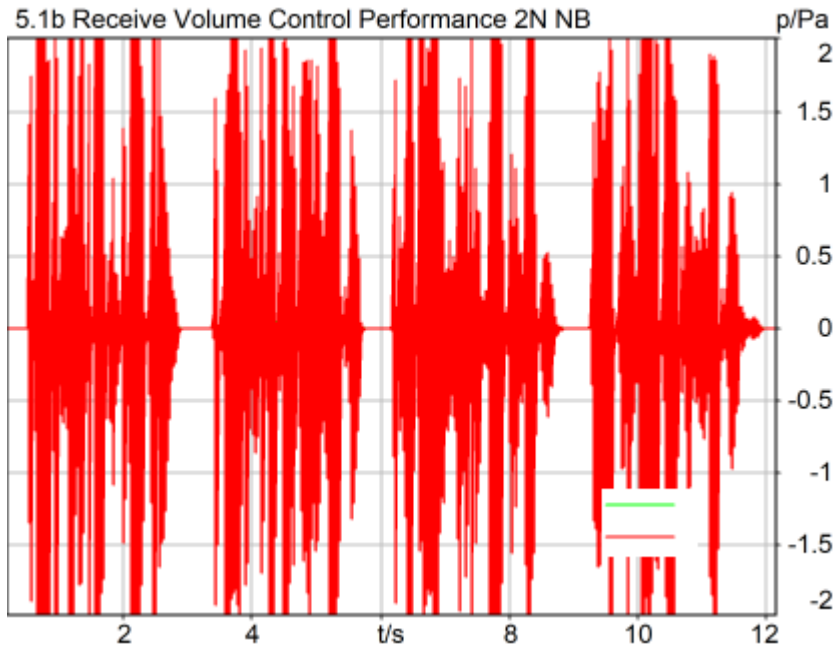
Channel	Speech level	Activity	Corrected speech level	
Rcv	93.57 dB[SPL]	84.27%	23.57 dB[SPL]	Ok

Ok

2024/4/28 14:14 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	87.63 dB[SPL]	84.63%	17.63 dB[SPL]	Ok

Ok

2024/4/28 14:28 ACQUA 6.0.200

Measurement Protocol

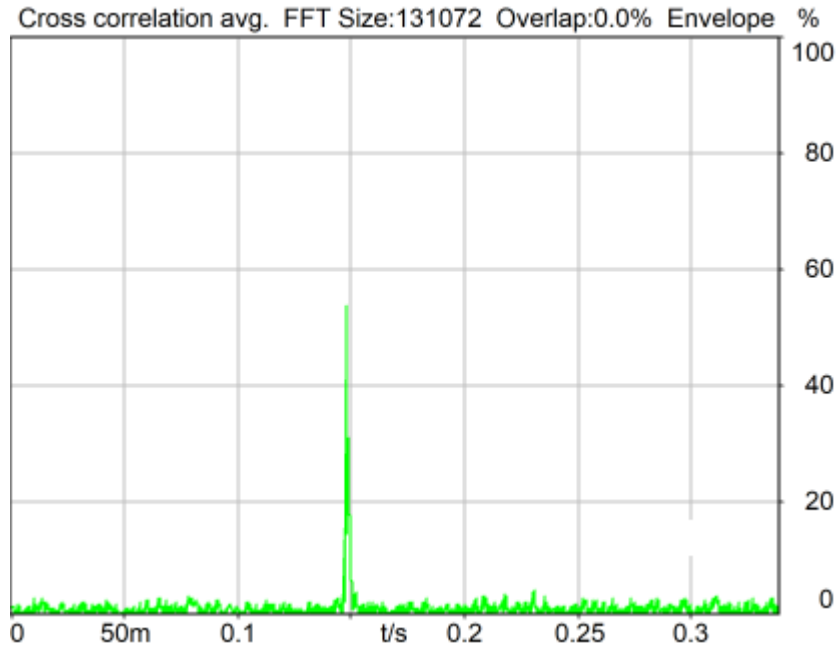
Measurement Object	FR1 n66_20_DFT-s-OFDM_AMR NB 12.2kbps_CH349000
Description	HMD_TA_1600#Tomcat

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

Overall Receive Delay 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



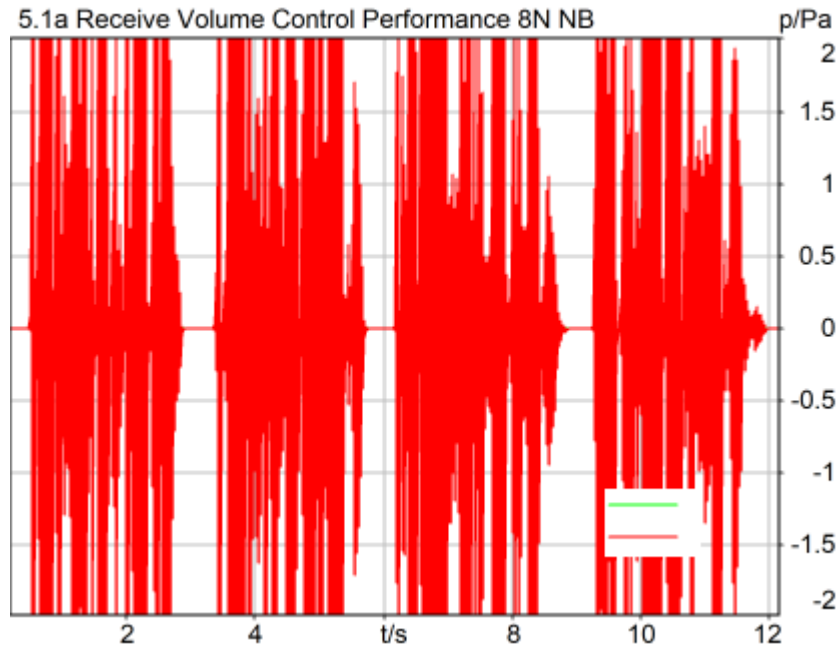
Channel	Delay
RCV*Source	147.9 ms

2024/4/28 14:17 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

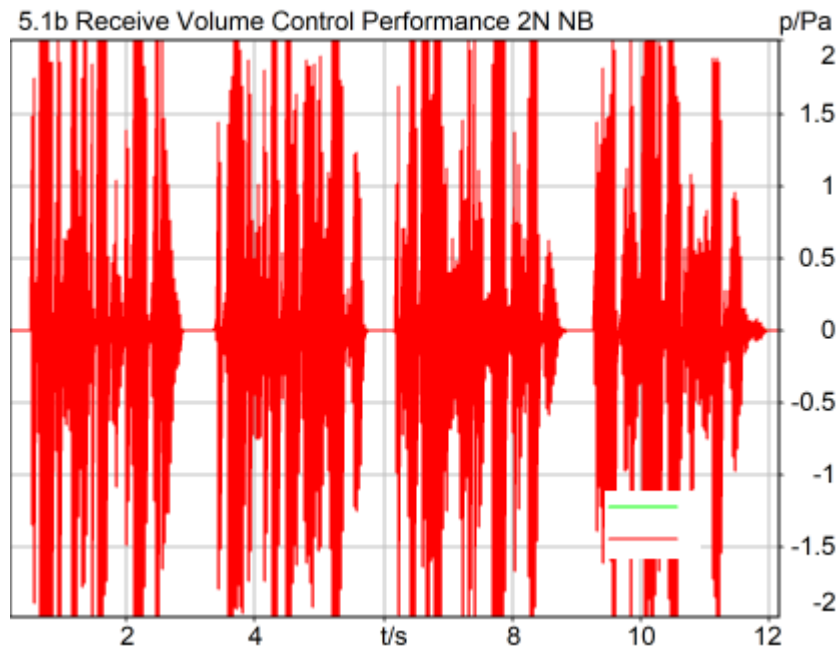
Channel	Speech level	Activity	Corrected speech level	
RCV	93.56 dB[SPL]	84.32%	23.56 dB[SPL]	Ok

Ok

2024/4/28 14:17 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	87.65 dB[SPL]	84.34%	17.65 dB[SPL]	Ok

Ok

2024/4/28 14:27 ACQUA 6.0.200