

Measurement Protocol

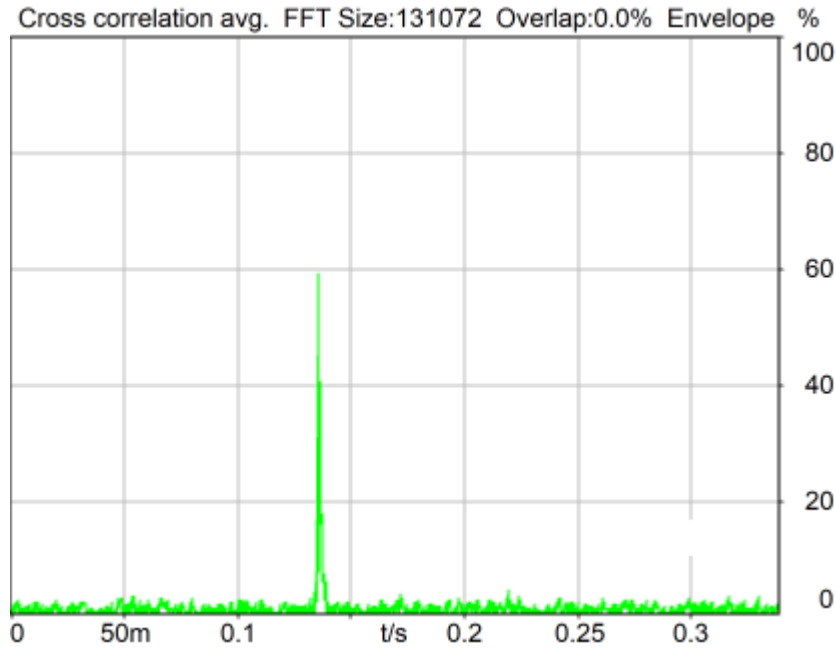
Measurement Object	WIFI 5.8G_802.11a 6M_AMR NB 12.2kbps_CH157
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:16
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



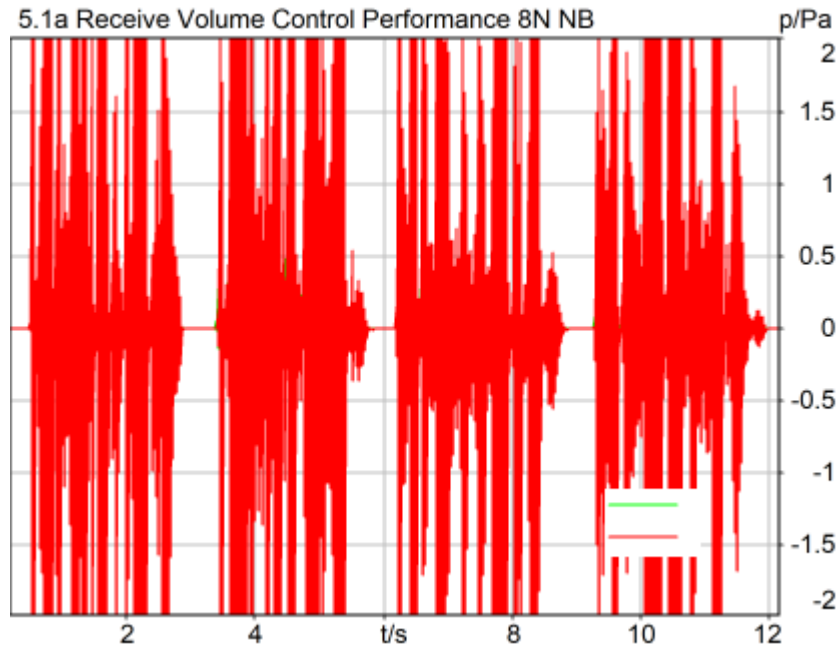
Channel	Delay
RCV*Source	136.3 ms

2024/5/9 10:23 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

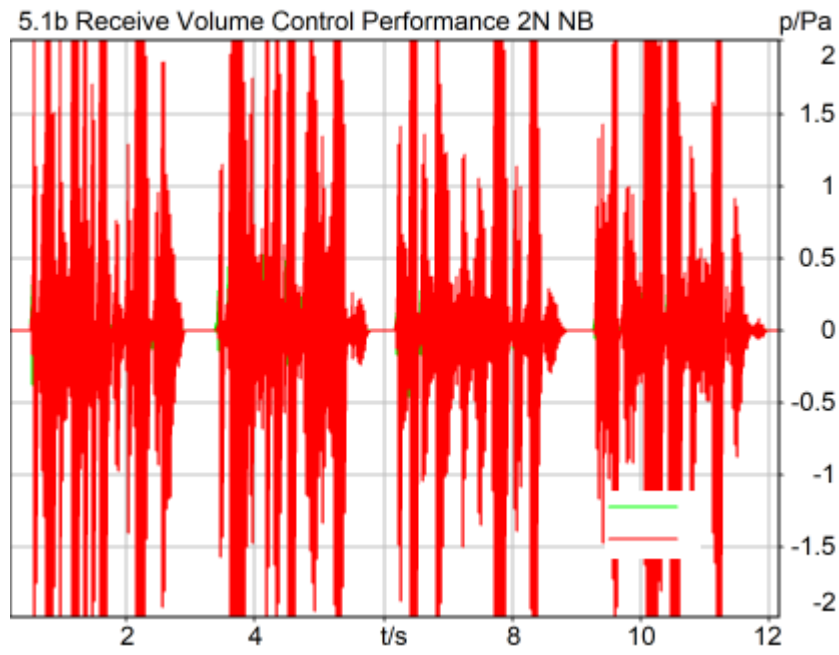
Channel	Speech level	Activity	Corrected speech level	
RCV	93.50 dB[SPL]	80.36%	23.50 dB[SPL]	Ok

Ok

2024/5/9 10:23 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	88.26 dB[SPL]	80.51%	18.26 dB[SPL]	Ok

Ok

2024/5/9 10:27 ACQUA 6.0.200

Measurement Protocol

Measurement Object	WIFI 5.8G_802.11a 6M_AMR WB 6.6kbps_CH157
Description	HMD_TA_1600#Tomcat

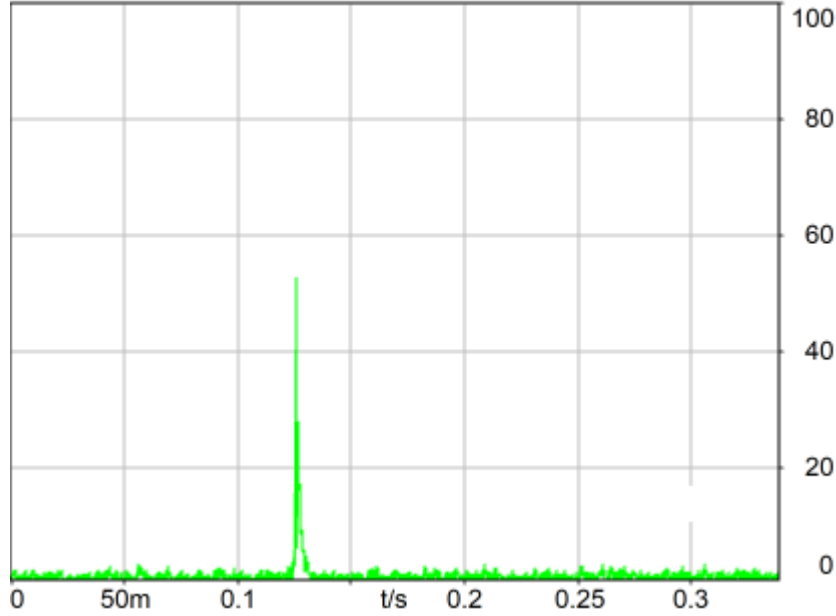
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:16
Responsible Person	audio

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 %



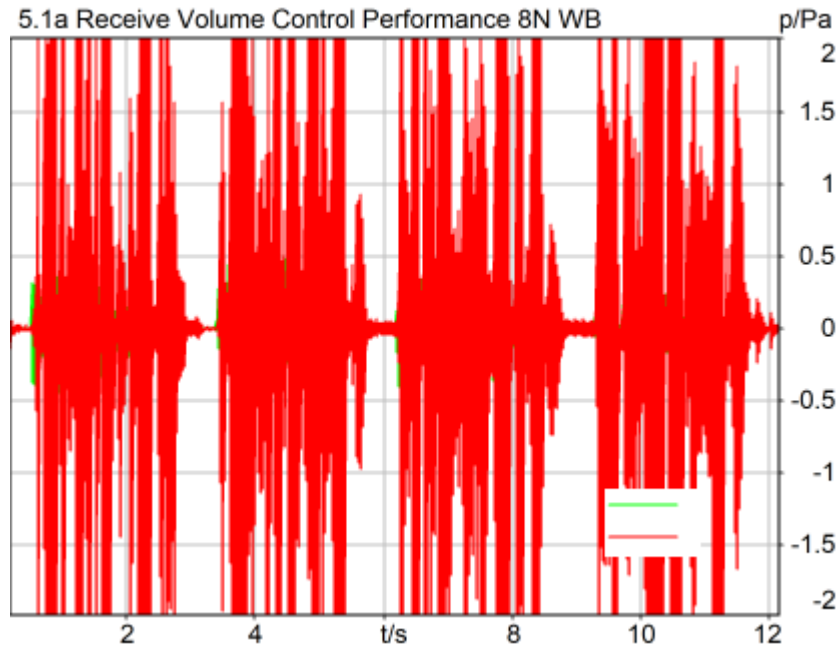
Channel	Delay
RCV*Source	126.3 ms

2024/5/9 10:04 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

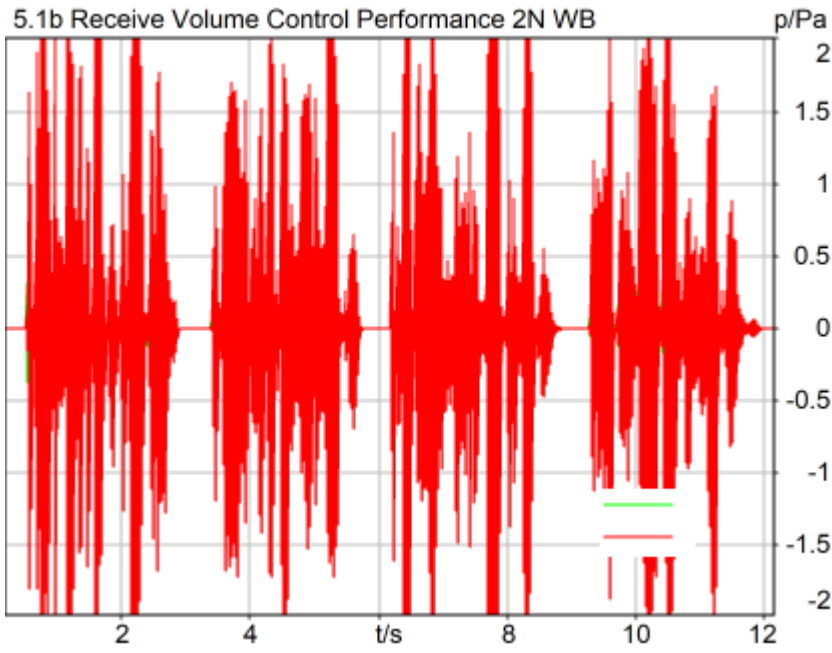
Channel	Speech level	Activity	Corrected speech level	
RCV	90.78 dB[SPL]	84.82%	20.78 dB[SPL]	Ok

Ok

2024/5/9 10:20 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	85.84 dB[SPL]	84.49%	15.84 dB[SPL]	Ok

Ok

2024/5/9 10:05 ACQUA 6.0.200

Measurement Protocol

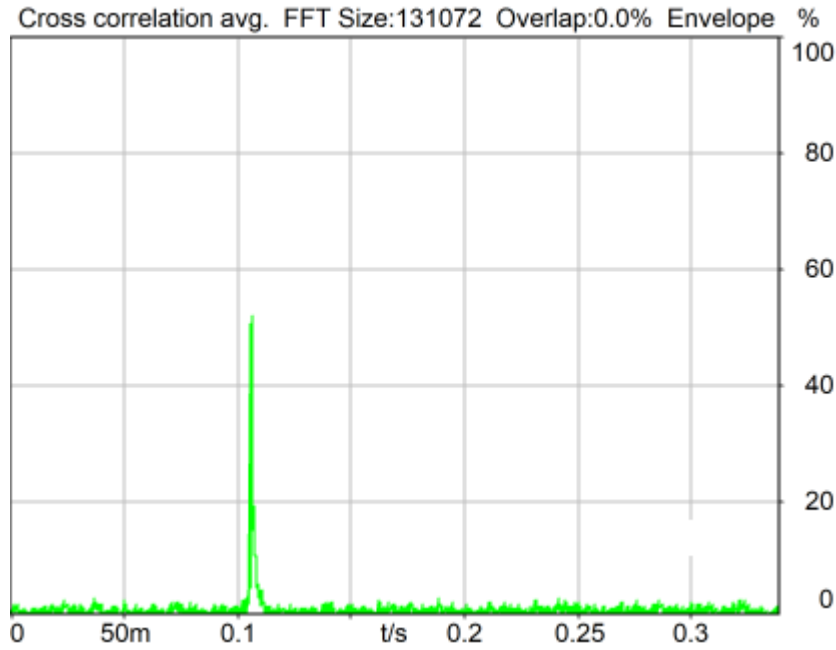
Measurement Object	WIFI 5.8G_802.11a 6M_AMR WB 23.85kbps_CH157
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:17
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

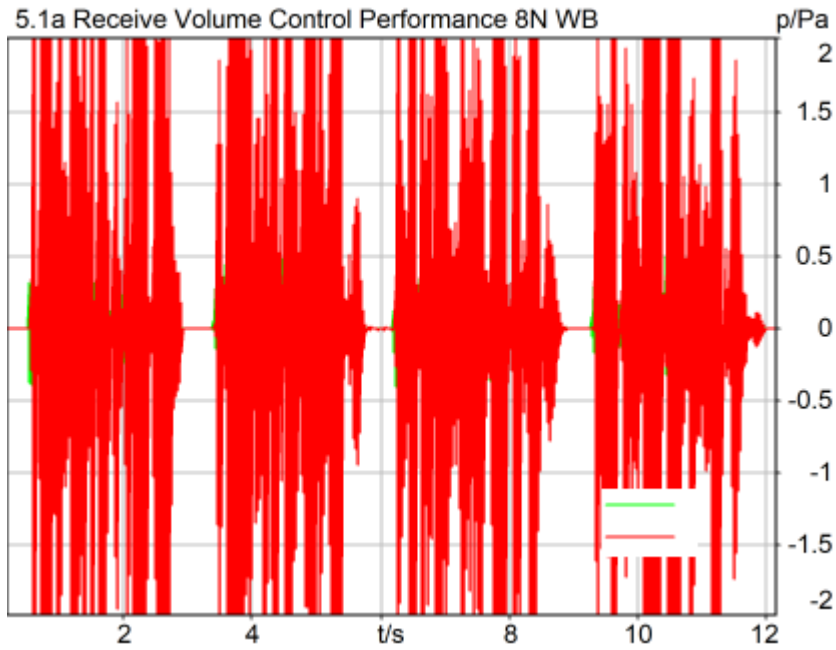


Channel	Delay
RCV*Source	106.4 ms

2024/5/9 10:05 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

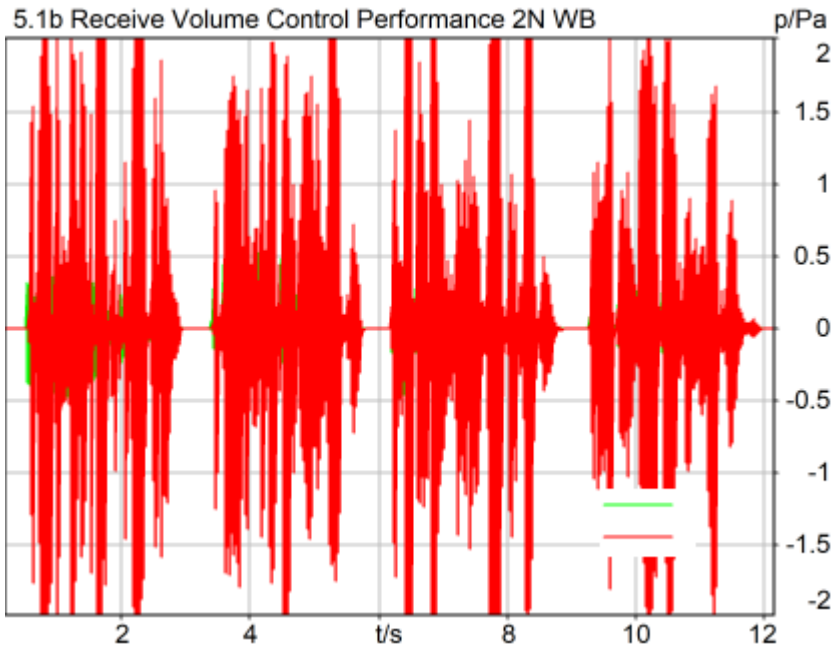
Channel	Speech level	Activity	Corrected speech level	
RCV	91.63 dB[SPL]	84.22%	21.63 dB[SPL]	Ok

Ok

2024/5/9 10:20 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	85.74 dB[SPL]	84.37%	15.74 dB[SPL]	Ok

Ok

2024/5/9 10:05 ACQUA 6.0.200

Measurement Protocol

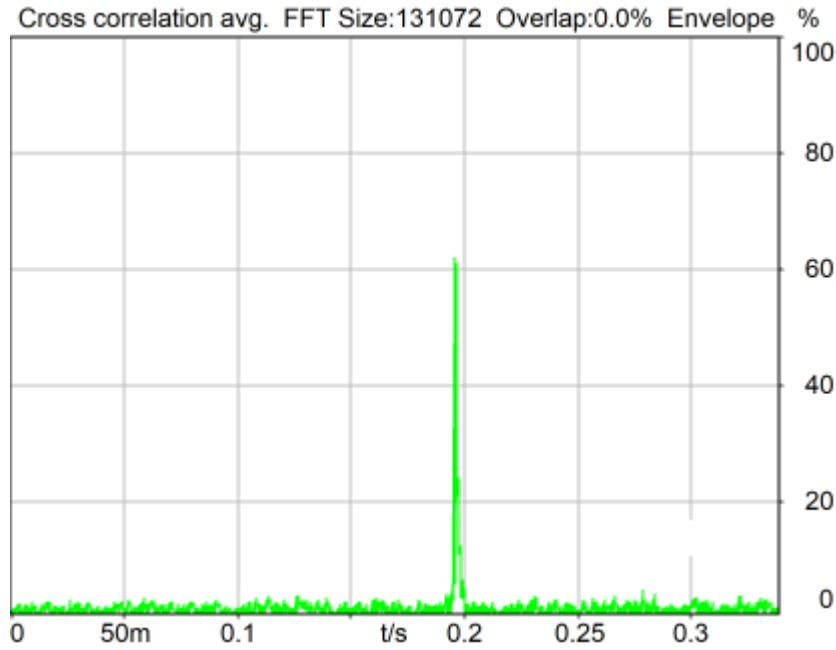
Measurement Object	WIFI 5.8G_802.11a 6M_EVS NB 5.9kbps_CH157
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:17
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



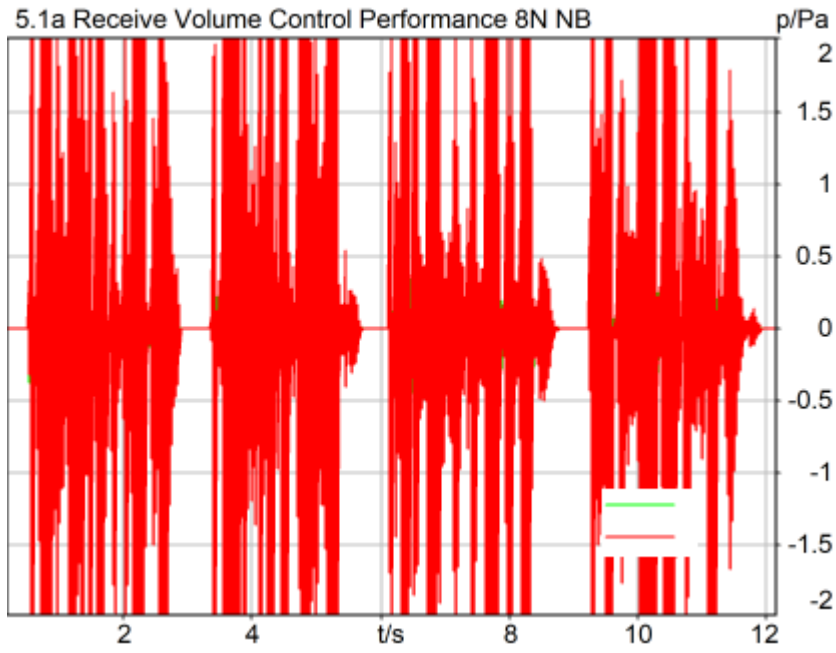
Channel	Delay
RCV*Source	196.2 ms

2024/5/9 10:22 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

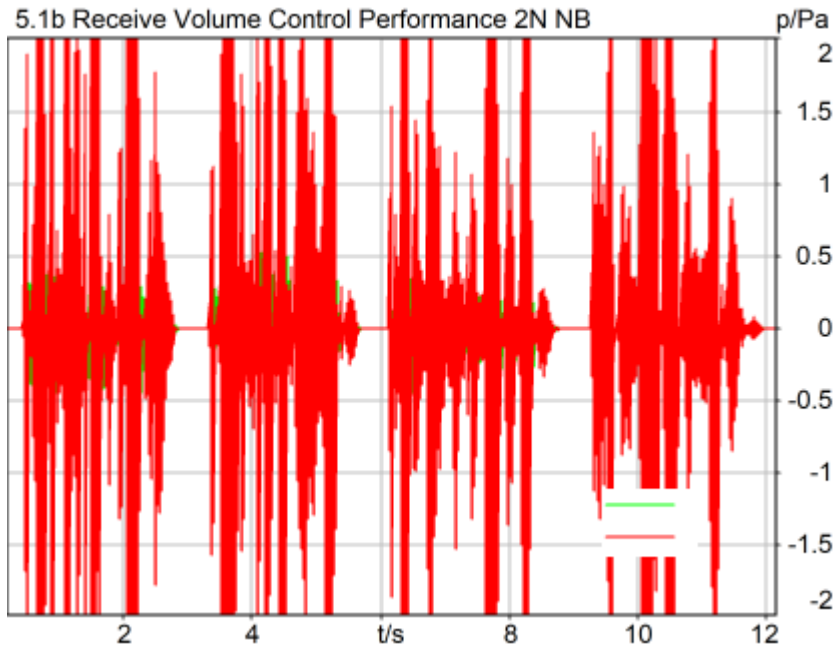
Channel	Speech level	Activity	Corrected speech level	
RCV	93.64 dB[SPL]	80.48%	23.64 dB[SPL]	Ok

Ok

2024/5/9 10:23 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	88.13 dB[SPL]	80.64%	18.13 dB[SPL]	Ok

Ok

2024/5/9 10:27 ACQUA 6.0.200

Measurement Protocol

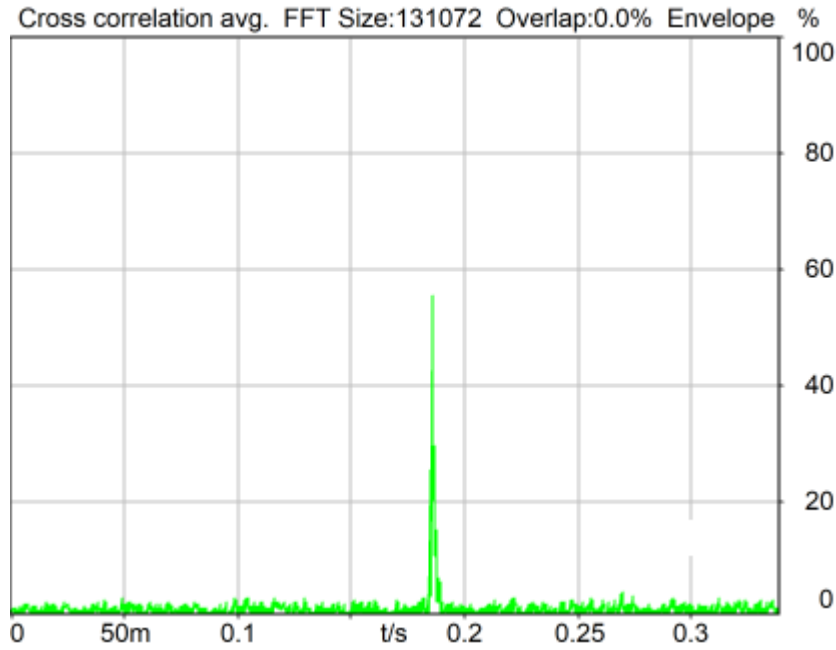
Measurement Object	WIFI 5.8G_802.11a 6M_EVS NB 24.4kbps_CH157
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 15:55
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



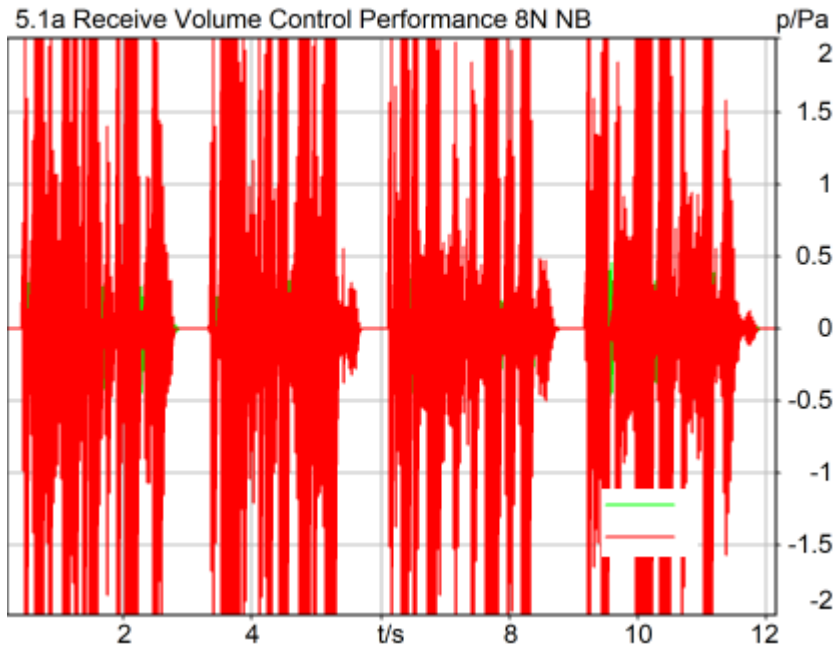
Channel	Delay
RCV*Source	186.4 ms

2024/5/8 16:46 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

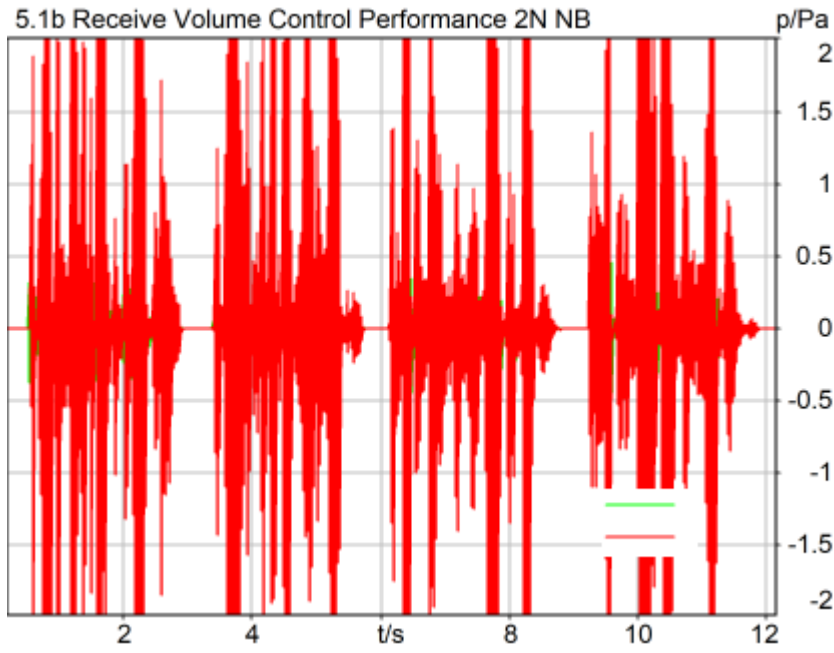
Channel	Speech level	Activity	Corrected speech level	
RCV	93.14 dB[SPL]	80.73%	23.14 dB[SPL]	Ok

Ok

2024/5/8 16:53 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	87.80 dB[SPL]	80.40%	17.80 dB[SPL]	Ok

Ok

2024/5/8 16:48 ACQUA 6.0.200

Measurement Protocol

Measurement Object	WIFI 5.8G_802.11a 6M_EVS WB 9.6kbps_CH157
Description	HMD_TA_1600#Tomcat

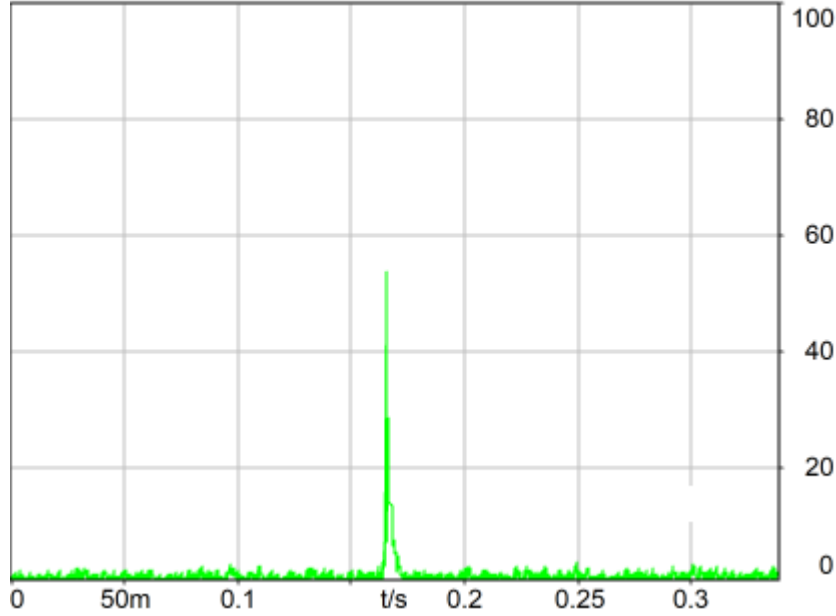
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:18
Responsible Person	audio

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 %



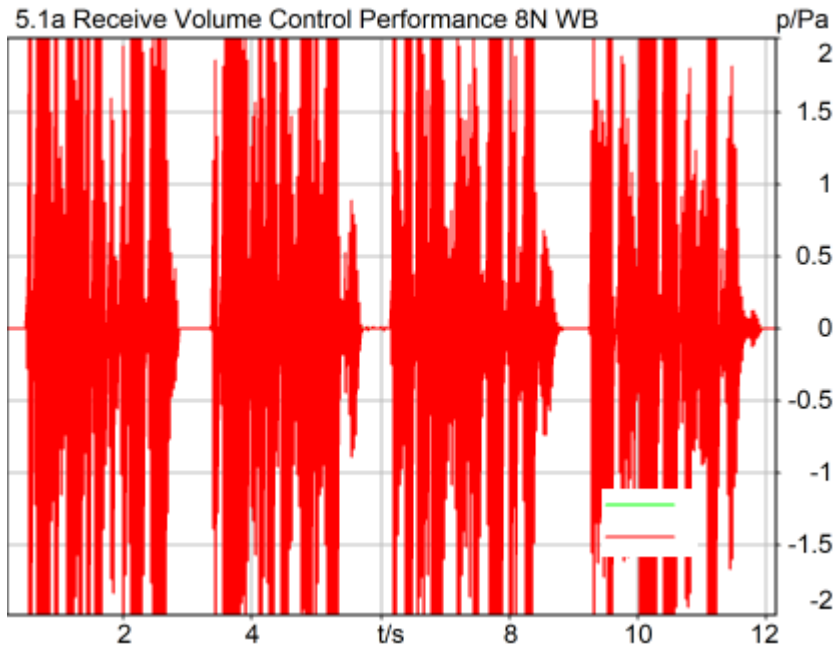
Channel	Delay
RCV*Source	166.4 ms

2024/5/9 10:06 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

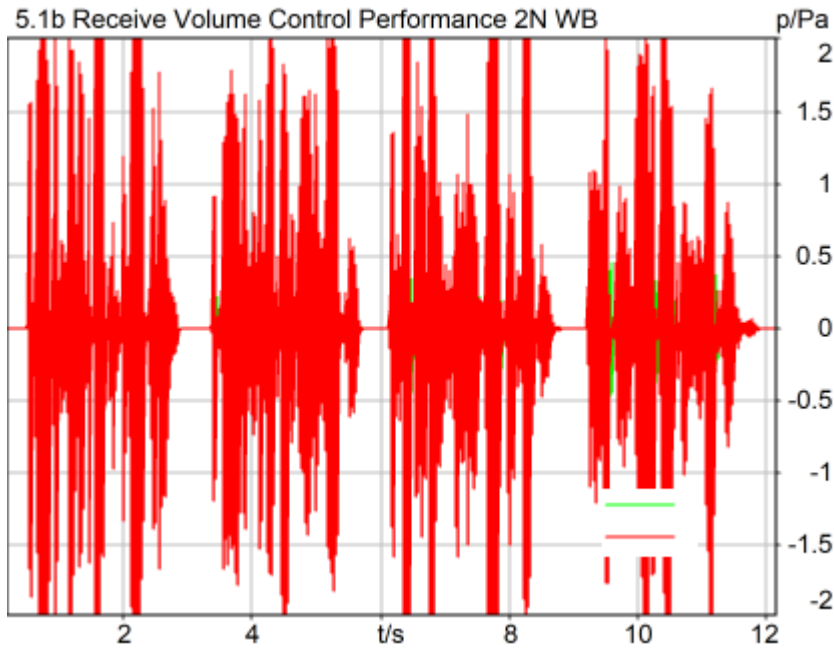
Channel	Speech level	Activity	Corrected speech level	
RCV	91.79 dB[SPL]	84.51%	21.79 dB[SPL]	Ok

Ok

2024/5/9 10:20 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	85.67 dB[SPL]	84.29%	15.67 dB[SPL]	Ok

Ok

2024/5/9 10:06 ACQUA 6.0.200

Measurement Protocol

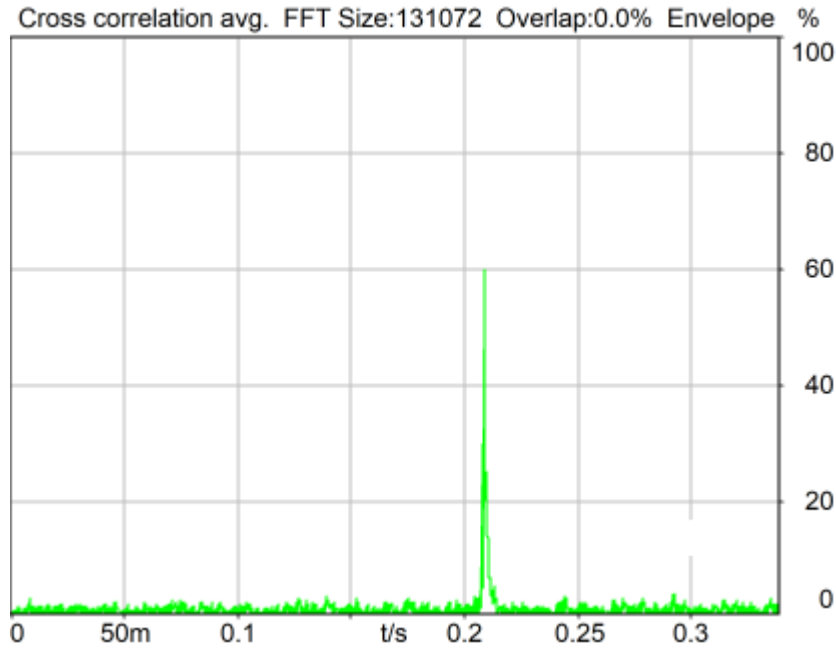
Measurement Object	WIFI 5.8G_802.11a 6M_EVS WB 24.4kbps_CH157
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 15:54
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

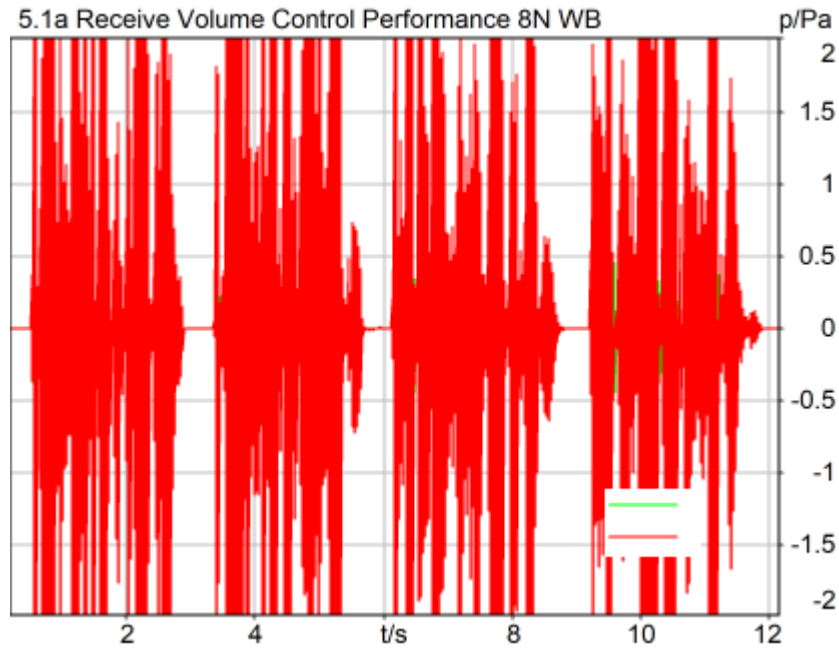


Channel	Delay
RCV*Source	209.2 ms

2024/5/8 17:01 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

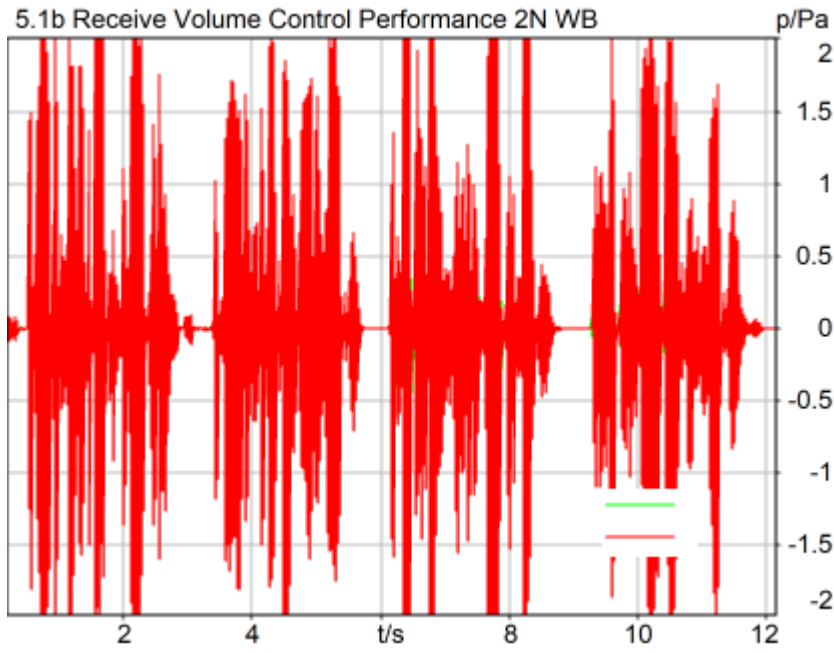
Channel	Speech level	Activity	Corrected speech level	
RCV	91.07 dB[SPL]	84.09%	21.07 dB[SPL]	Ok

Ok

2024/5/8 17:01 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	85.65 dB[SPL]	84.45%	15.65 dB[SPL]	Ok

Ok

2024/5/8 17:21 ACQUA 6.0.200

Measurement Protocol

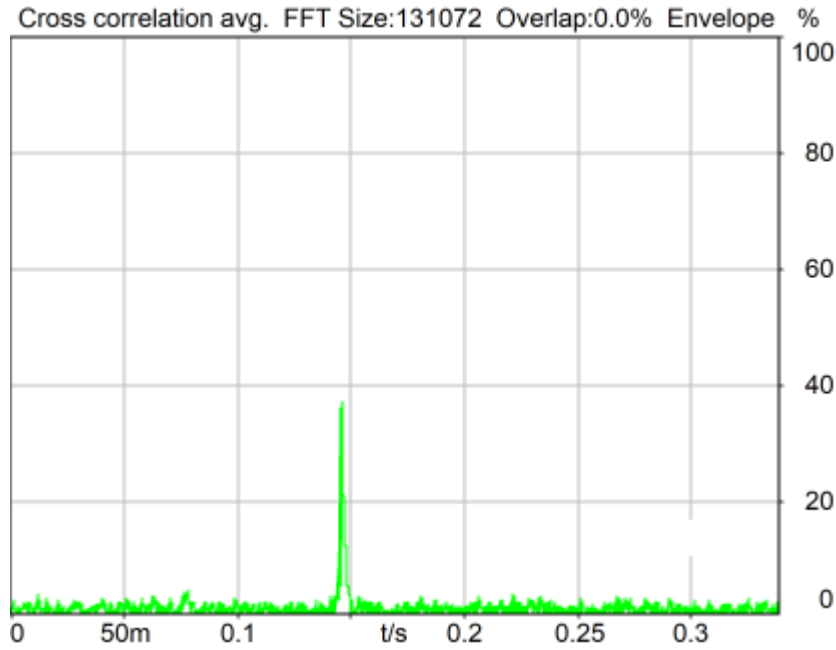
Measurement Object	WIFI 6G_802.11ax-HE20_AMR NB 4.75kbps_CH5
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:19
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

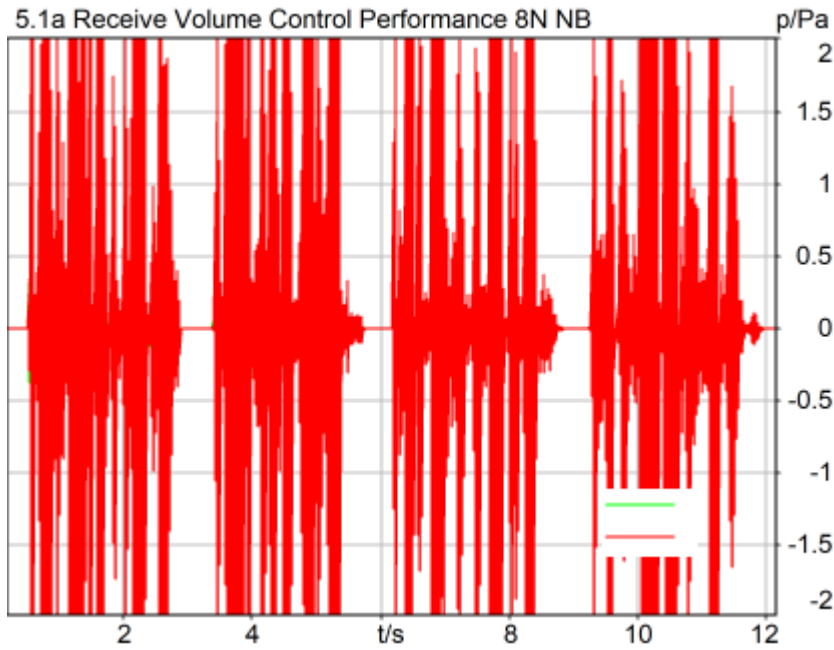


Channel	Delay
RCV*Source	145.8 ms

2024/5/21 14:15 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

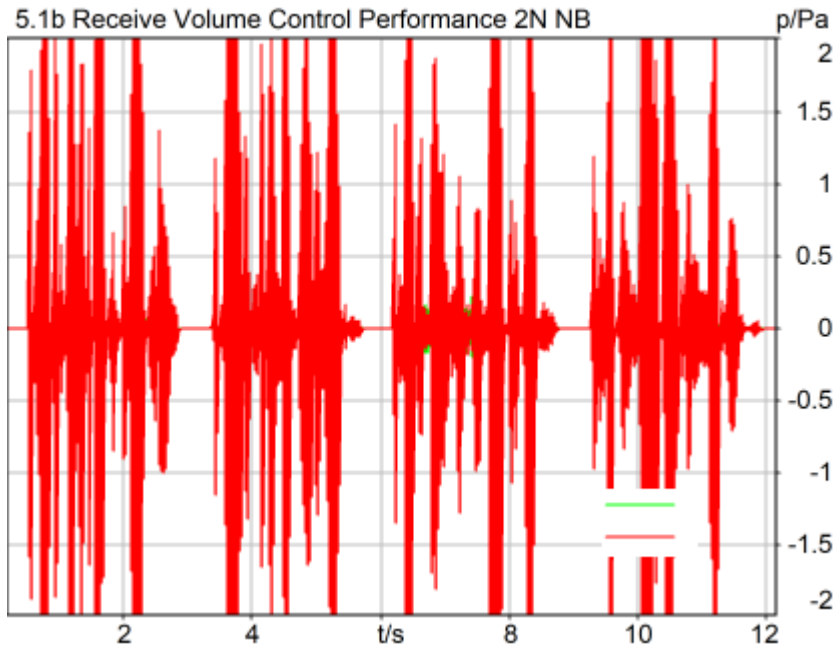
Channel	Speech level	Activity	Corrected speech level	
RCV	93.09 dB[SPL]	80.52%	23.09 dB[SPL]	Ok

Ok

2024/5/21 14:15 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	86.85 dB[SPL]	80.34%	16.85 dB[SPL]	Ok

Ok

2024/5/21 14:17 ACQUA 6.0.200

Measurement Protocol

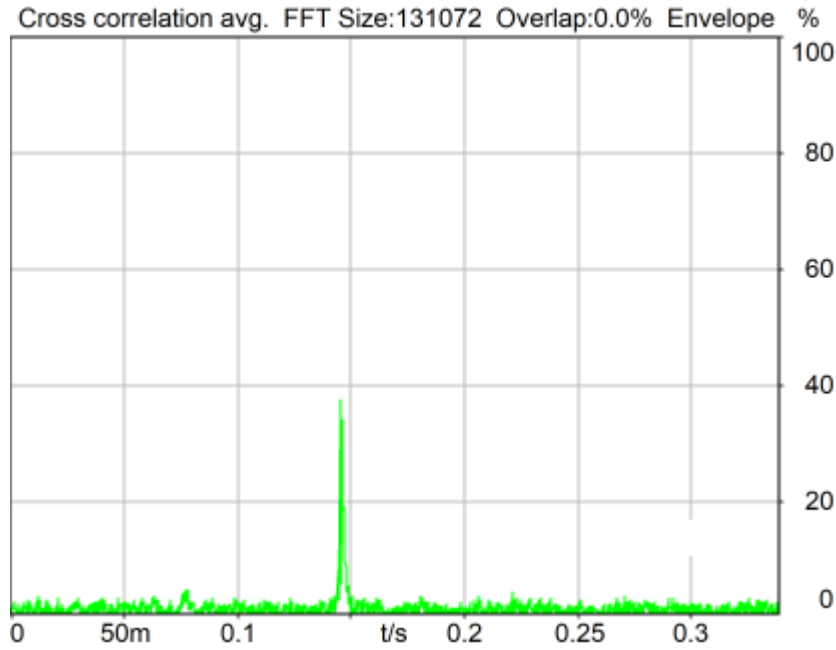
Measurement Object	WIFI 6G_802.11ax-HE20_AMR NB 12.2kbps_CH5
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:20
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



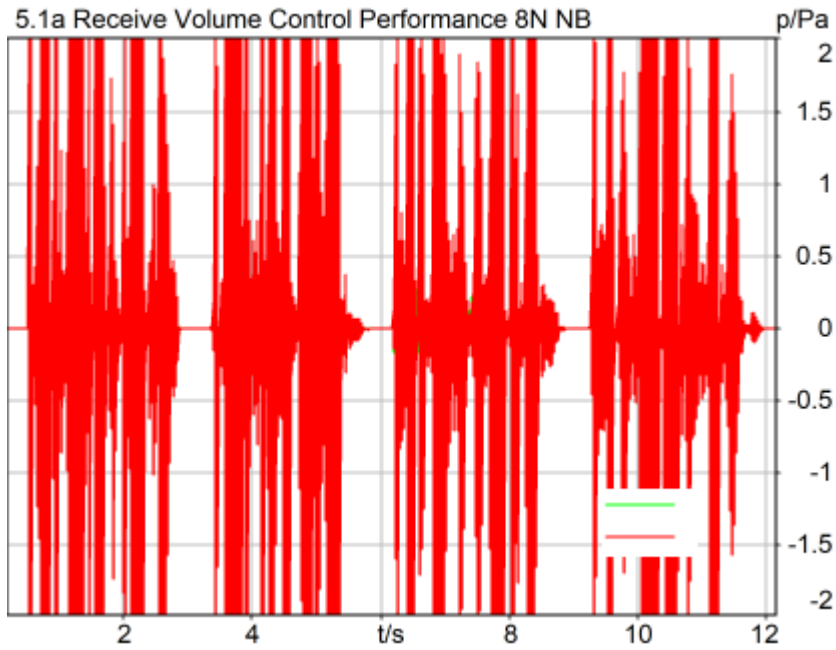
Channel	Delay
RCV*Source	145.7 ms

2024/5/21 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

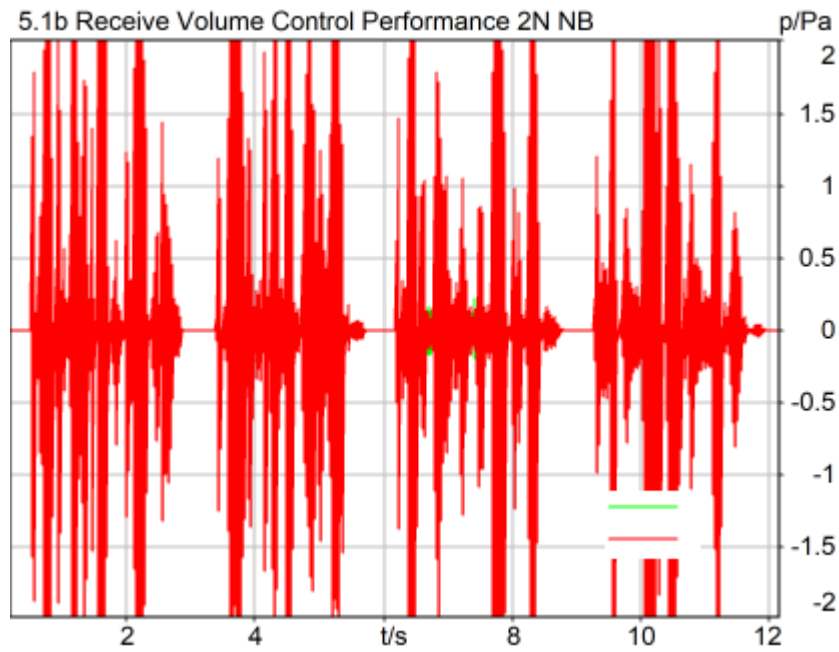
Channel	Speech level	Activity	Corrected speech level	
RCV	93.28 dB[SPL]	80.46%	23.28 dB[SPL]	Ok

Ok

2024/5/21 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	86.90 dB[SPL]	80.16%	16.90 dB[SPL]	Ok

Ok

2024/5/21 14:17 ACQUA 6.0.200

Measurement Protocol

Measurement Object	WIFI 6G_802.11ax-HE20_AMR WB 6.6kbps_CH5
Description	HMD_TA_1600#Tomcat

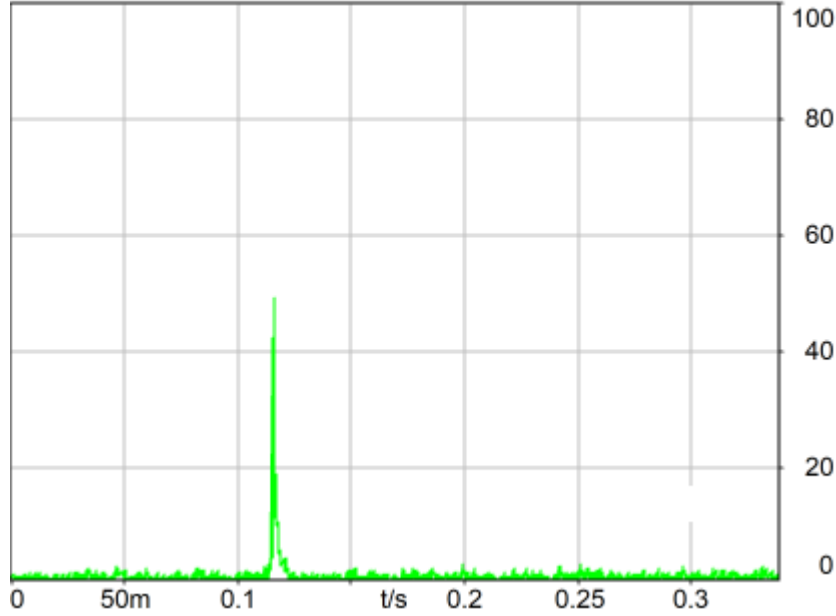
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:20
Responsible Person	audio

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 %



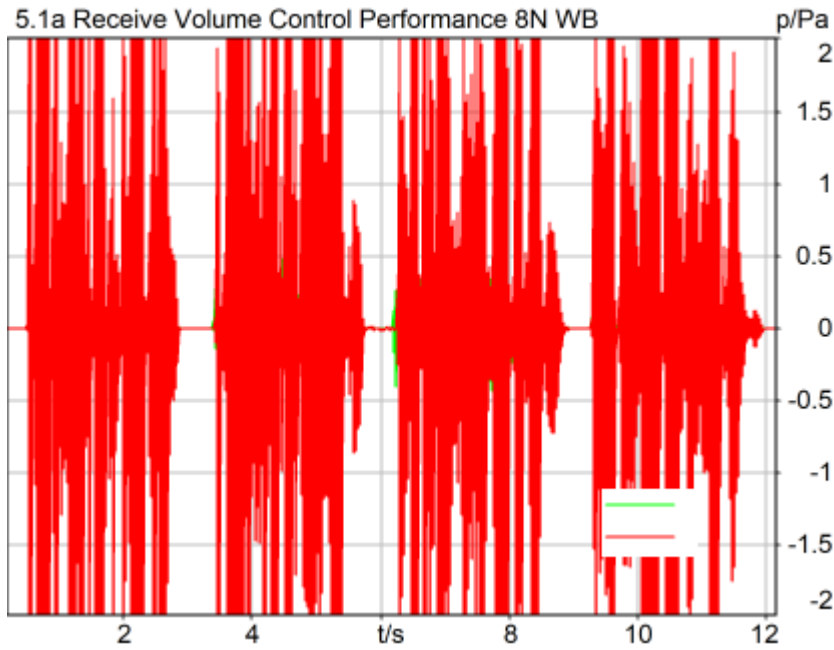
Channel	Delay
RCV*Source	116.5 ms

2024/5/21 14:07 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

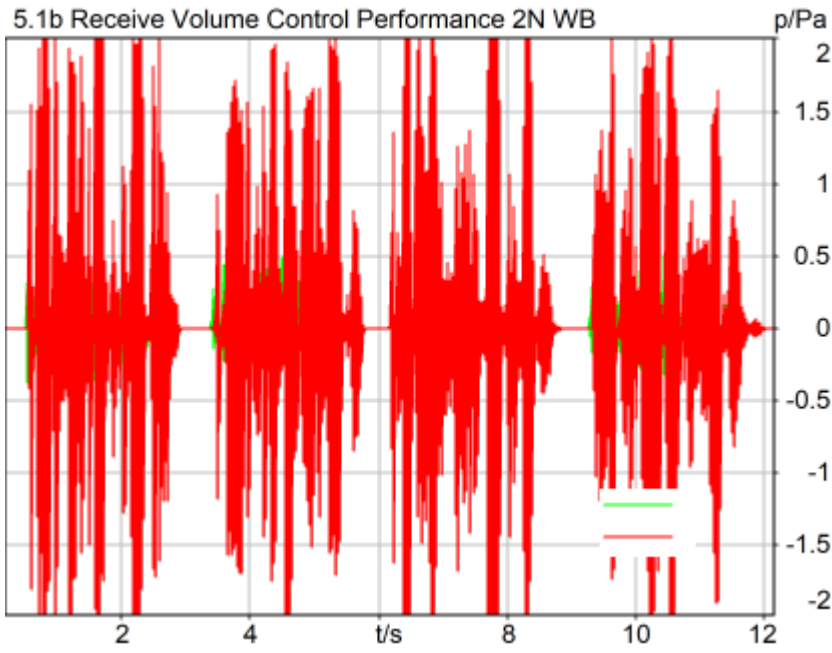
Channel	Speech level	Activity	Corrected speech level	
RCV	91.92 dB[SPL]	84.61%	21.92 dB[SPL]	Ok

Ok

2024/5/21 14:09 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	85.42 dB[SPL]	84.59%	15.42 dB[SPL]	Ok

Ok

2024/5/21 14:08 ACQUA 6.0.200

Measurement Protocol

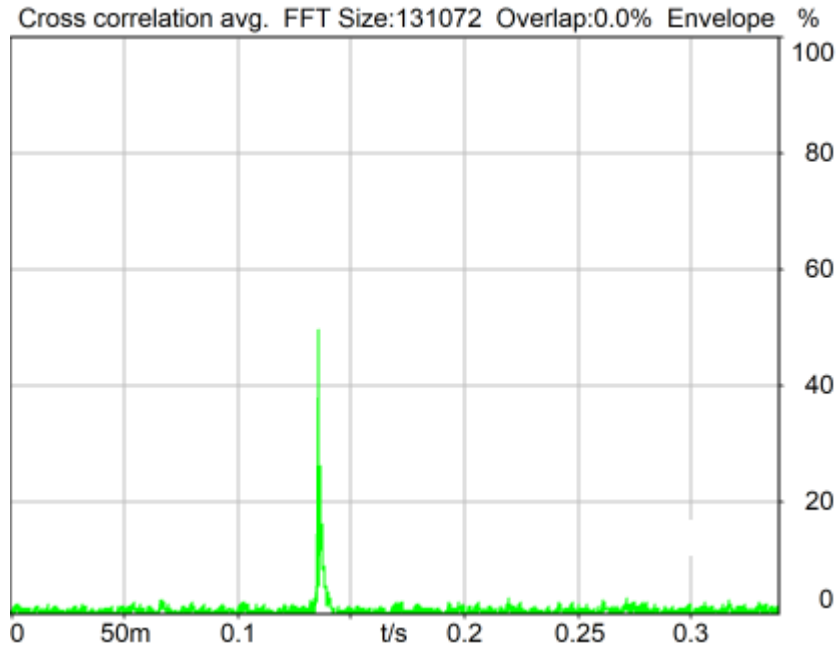
Measurement Object	WIFI 6G_802.11ax-HE20_AMR WB 23.85kbps_CH5
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:21
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



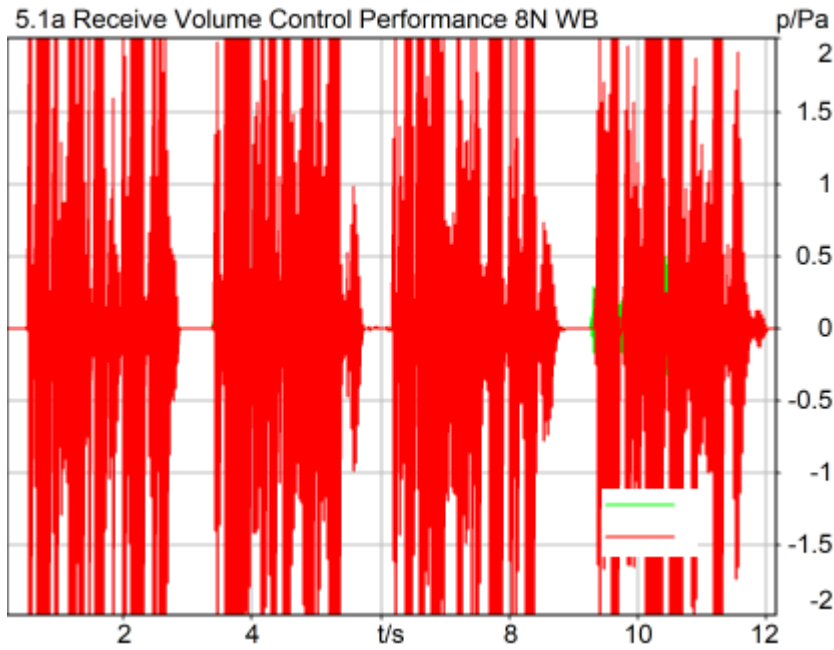
Channel	Delay
RCV*Source	136.4 ms

2024/5/21 14:07 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

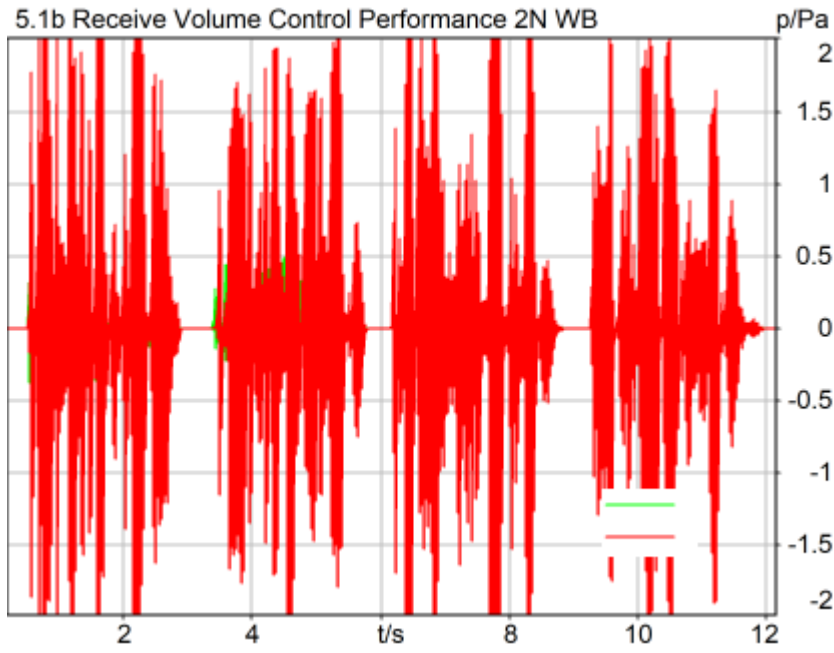
Channel	Speech level	Activity	Corrected speech level	
RCV	91.87 dB[SPL]	84.59%	21.87 dB[SPL]	Ok

Ok

2024/5/21 14:09 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	85.54 dB[SPL]	84.44%	15.54 dB[SPL]	Ok

Ok

2024/5/21 14:07 ACQUA 6.0.200

Measurement Protocol

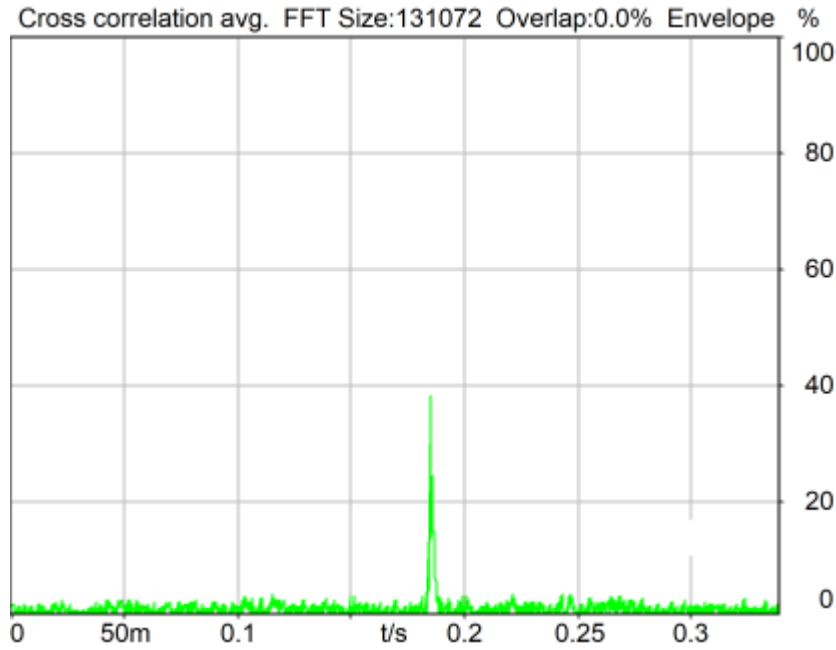
Measurement Object	WIFI 6G_802.11ax-HE20_EVS NB 5.9kbps_CH5
Description	HMD_TA_1600#Tomcat

Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:21
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

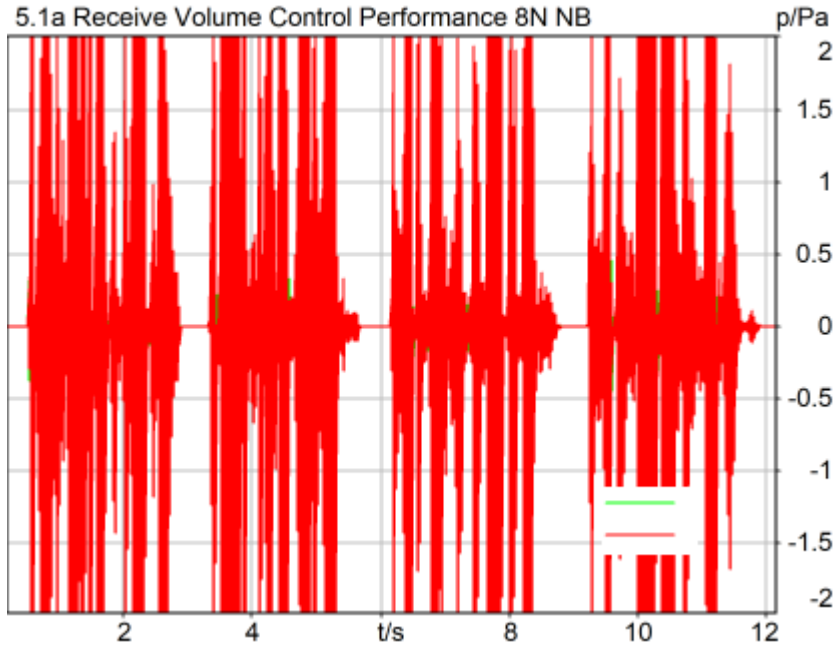


Channel	Delay
RCV*Source	185.6 ms

2024/5/21 14:13 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

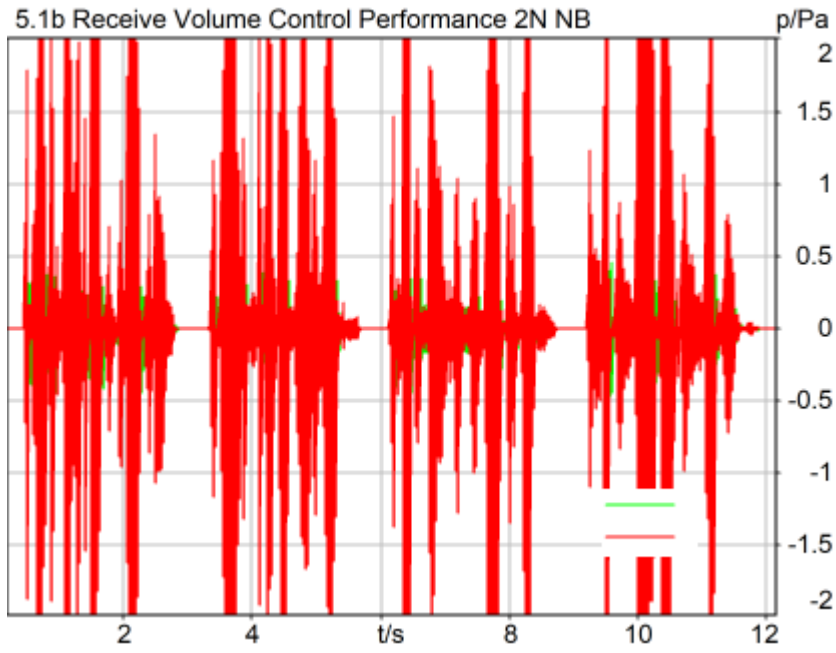
Channel	Speech level	Activity	Corrected speech level	
RCV	93.00 dB[SPL]	80.47%	23.00 dB[SPL]	Ok

Ok

2024/5/21 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	87.00 dB[SPL]	80.40%	17.00 dB[SPL]	Ok

Ok

2024/5/21 14:18 ACQUA 6.0.200

Measurement Protocol

Measurement Object	WIFI 6G_802.11ax-HE20_EVS WB 9.6kbps_CH5
Description	HMD_TA_1600#Tomcat

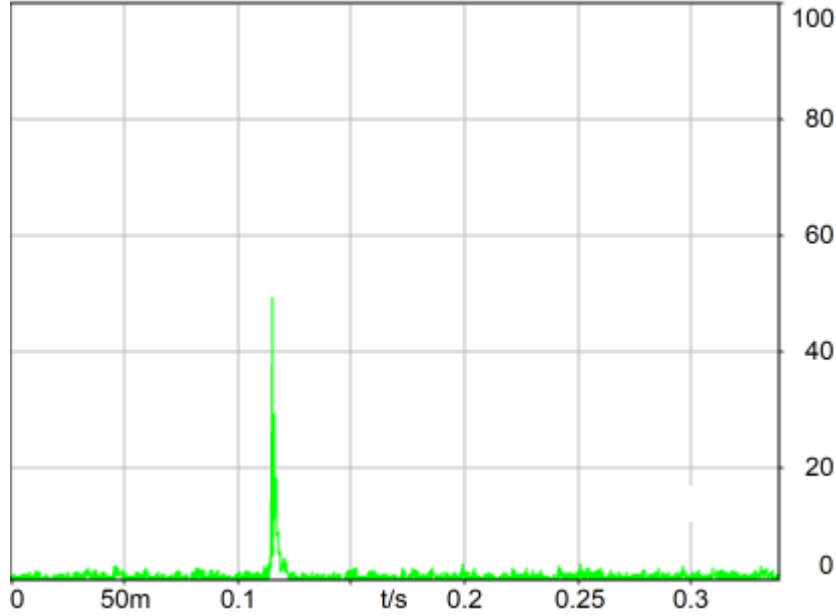
Project	TIA-5050 (2018-01)
Report Generation Date	2024/5/23 9:22
Responsible Person	audio

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 %



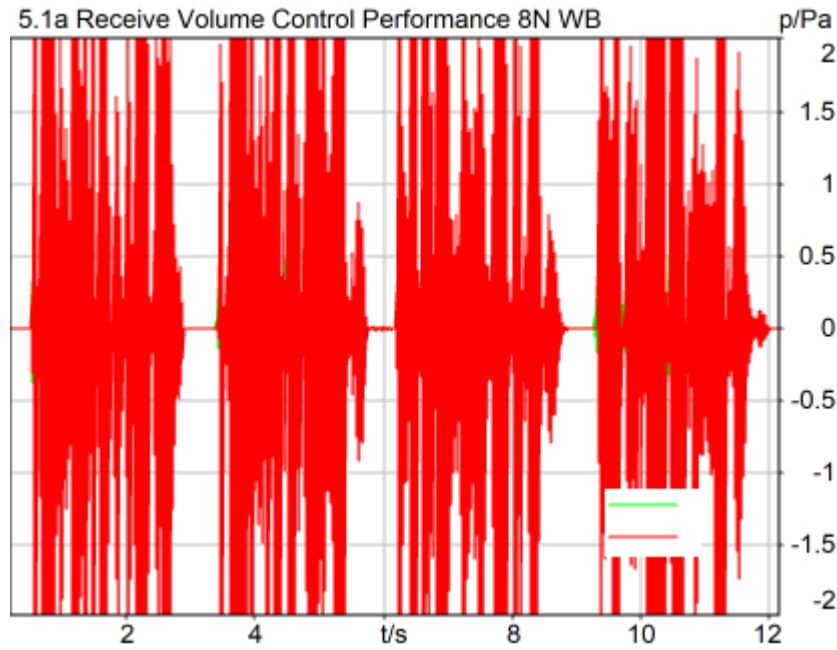
Channel	Delay
RCV*Source	116.3 ms

2024/5/21 14:06 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

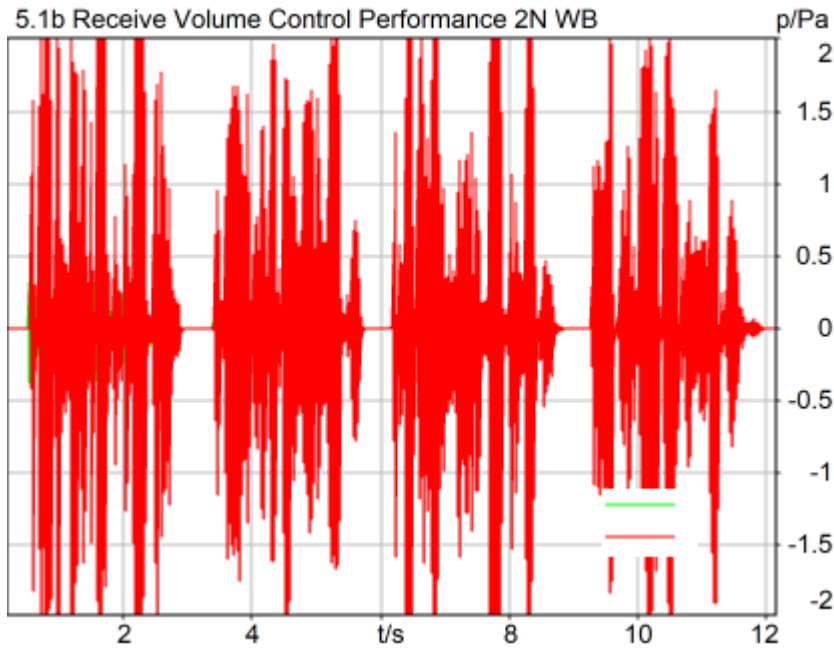
Channel	Speech level	Activity	Corrected speech level	
RCV	91.89 dB[SPL]	84.53%	21.89 dB[SPL]	Ok

Ok

2024/5/21 14:10 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	85.58 dB[SPL]	84.37%	15.58 dB[SPL]	Ok

Ok

2024/5/21 14:06 ACQUA 6.0.200