
Measurement Protocol

Measurement Object	LTE Band 12_10M_QPSK_1RB_0Offset_EVS NB 13.2kbps_Ch23095_2N
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Project	420424
Report Generation Date	4/6/2024 4:38 AM
Responsible Person	AC01-KS

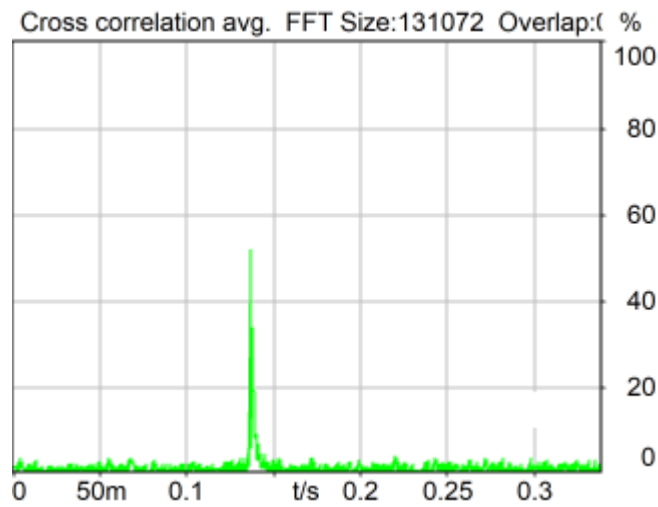
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	137.5	LTE Band 12_10M_QPSK_1RB_0Offset_EV S NB 13.2kbps_Ch23095_2N
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	80.11	LTE Band 12_10M_QPSK_1RB_0Offset_EV S NB 13.2kbps_Ch23095_2N
5.2 RCV Distortion and Noise - 400 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	26.29	LTE Band 12_10M_QPSK_1RB_0Offset_EV S NB 13.2kbps_Ch23095_2N
5.2 RCV Distortion and Noise - 500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	27.08	LTE Band 12_10M_QPSK_1RB_0Offset_EV S NB 13.2kbps_Ch23095_2N
5.2 RCV Distortion and Noise - 630 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	22.85	LTE Band 12_10M_QPSK_1RB_0Offset_EV S NB 13.2kbps_Ch23095_2N
5.2 RCV Distortion and Noise - 800 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	23.12	LTE Band 12_10M_QPSK_1RB_0Offset_EV S NB 13.2kbps_Ch23095_2N
5.2 RCV Distortion and Noise - 1000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	34.65	LTE Band 12_10M_QPSK_1RB_0Offset_EV S NB 13.2kbps_Ch23095_2N
5.2 RCV Distortion and Noise - 1250 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	30.28	LTE Band 12_10M_QPSK_1RB_0Offset_EV S NB 13.2kbps_Ch23095_2N
5.2 RCV Distortion and Noise - 1600 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	36.79	LTE Band 12_10M_QPSK_1RB_0Offset_EV S NB 13.2kbps_Ch23095_2N
5.2 RCV Distortion and Noise - 2000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	33.79	LTE Band 12_10M_QPSK_1RB_0Offset_EV S NB 13.2kbps_Ch23095_2N
5.2 RCV Distortion and Noise - 2500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	33.58	LTE Band 12_10M_QPSK_1RB_0Offset_EV S NB 13.2kbps_Ch23095_2N
5.2 RCV Distortion and Noise - 3150 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	29.51	LTE Band 12_10M_QPSK_1RB_0Offset_EV S NB 13.2kbps_Ch23095_2N
Report - Receive Distortion and Noise (Conversational Gain)	Ok	Minimum SDNR [dB], (occured at 630Hz)	22.85	LTE Band 12_10M_QPSK_1RB_0Offset_EV S NB 13.2kbps_Ch23095_2N
5.3 Frequency Response 2N FF HANB	Ok	Min. dist. to tolerance scheme [dB], 305.9 Hz	3.09	LTE Band 12_10M_QPSK_1RB_0Offset_EV S NB 13.2kbps_Ch23095_2N
5.3 Frequency Response 2N DF HANB	Ok	Min. dist. to tolerance scheme [dB], 3245.6 Hz	2.72	LTE Band 12_10M_QPSK_1RB_0Offset_EV S NB 13.2kbps_Ch23095_2N

Overall Receive Delay NB	5
5.1b Receive Volume Control Performance 2N NB	6
5.2 RCV Distortion and Noise - 400 Hz NB	7
5.2 RCV Distortion and Noise - 500 Hz NB	8
5.2 RCV Distortion and Noise - 630 Hz NB	9
5.2 RCV Distortion and Noise - 800 Hz NB	10
5.2 RCV Distortion and Noise - 1000 Hz NB	11
5.2 RCV Distortion and Noise - 1250 Hz NB	12
5.2 RCV Distortion and Noise - 1600 Hz NB	13
5.2 RCV Distortion and Noise - 2000 Hz NB	14
5.2 RCV Distortion and Noise - 2500 Hz NB	15
5.2 RCV Distortion and Noise - 3150 Hz NB	16
Report - Receive Distortion and Noise (Conversational Gain)	17
5.3 Frequency Response 2N FF HANB	18
5.3 Frequency Response 2N DF HANB	19

Overall Receive Delay NB

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

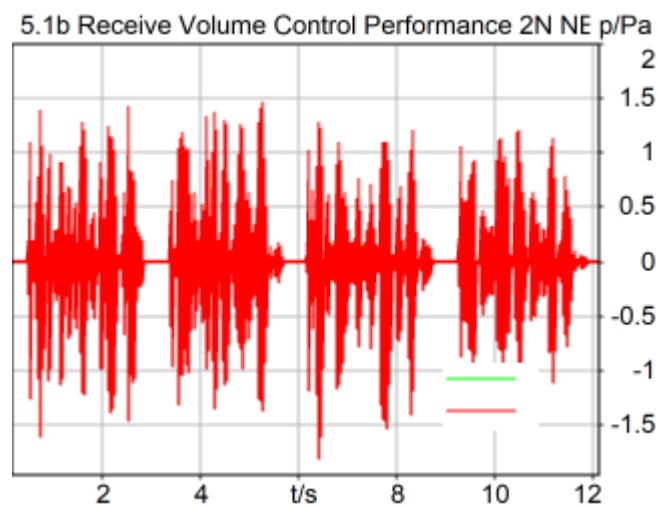


Delay (Cross): 137.5 ms

4/6/2024 4:31 AM ACQUA 5.1.200

5.1b Receive Volume Control Performance 2N NB

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



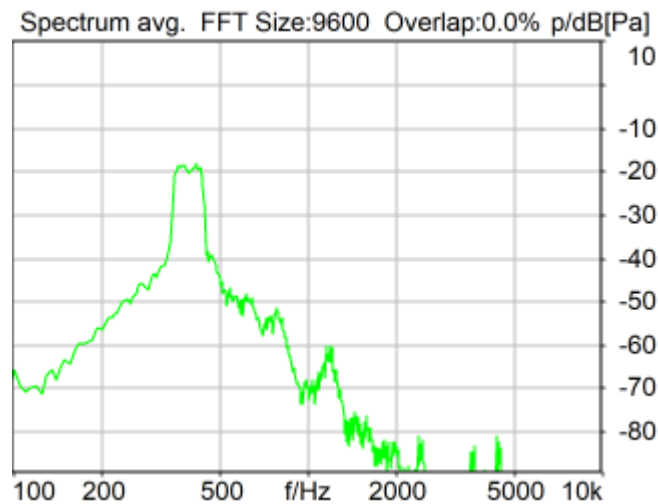
Speech Level RCV: 80.11 dB[SPL], Act.: 83.30% Ok

Ok

4/6/2024 4:32 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 400 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 2N



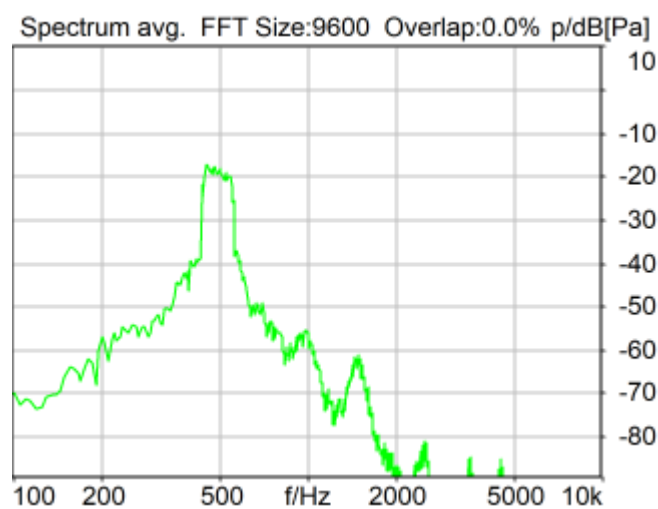
Distortion (Noise) RCV (packed): 26.29 dB (4.85%) Ok

Ok

4/6/2024 4:32 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 500 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 2N



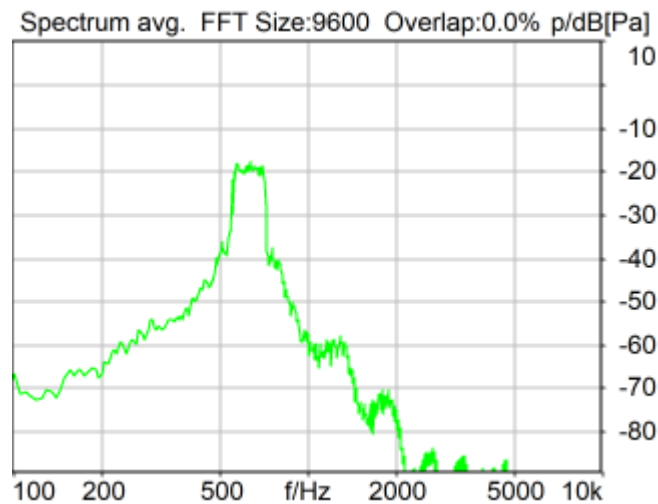
Distortion (Noise) RCV (packed): 27.08 dB (4.43%) Ok

Ok

4/6/2024 4:33 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 630 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 2N



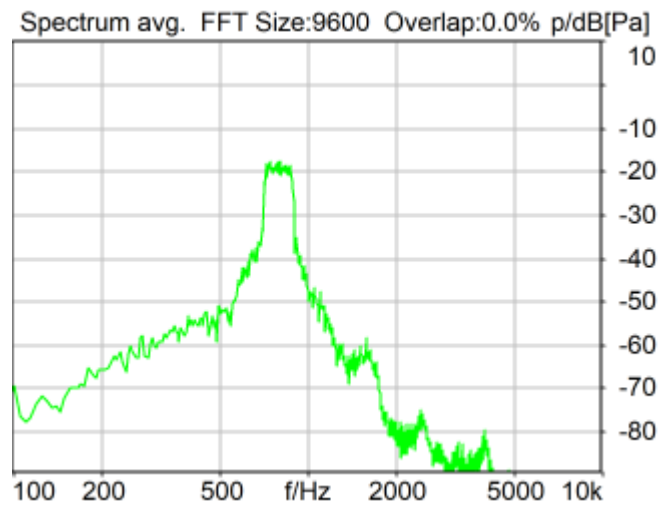
Distortion (Noise) RCV (packed): 22.85 dB (7.20%) Ok

Ok

4/6/2024 4:33 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 800 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 2N



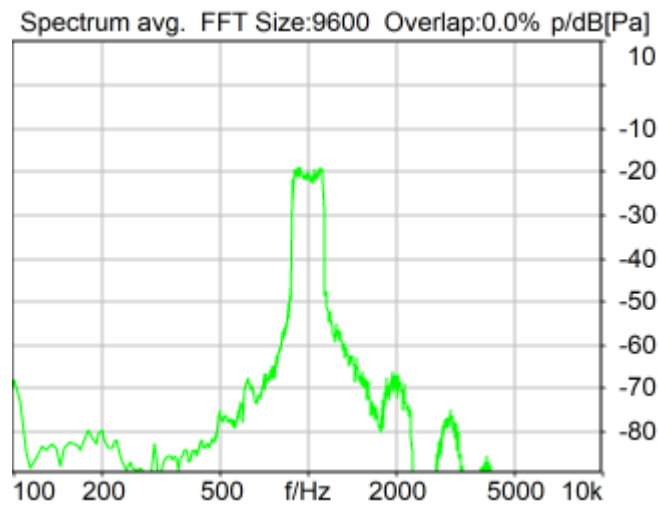
Distortion (Noise) RCV (packed): 23.12 dB (6.98%) Ok

Ok

4/6/2024 4:34 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 1000 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 2N



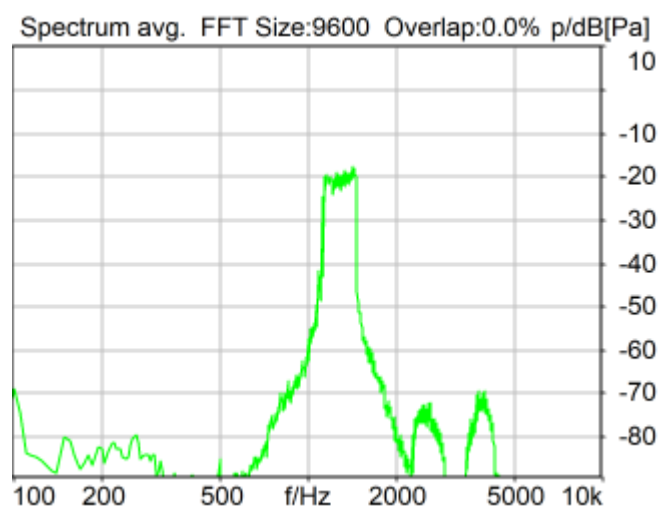
Distortion (Noise) RCV (packed): 34.65 dB (1.85%) Ok

Ok

4/6/2024 4:34 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 1250 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 2N



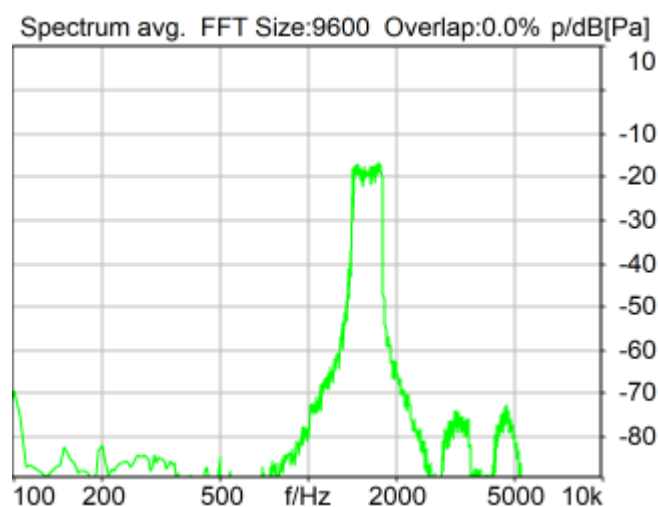
Distortion (Noise) RCV (packed): 30.28 dB (3.06%) Ok

Ok

4/6/2024 4:34 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 1600 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 2N



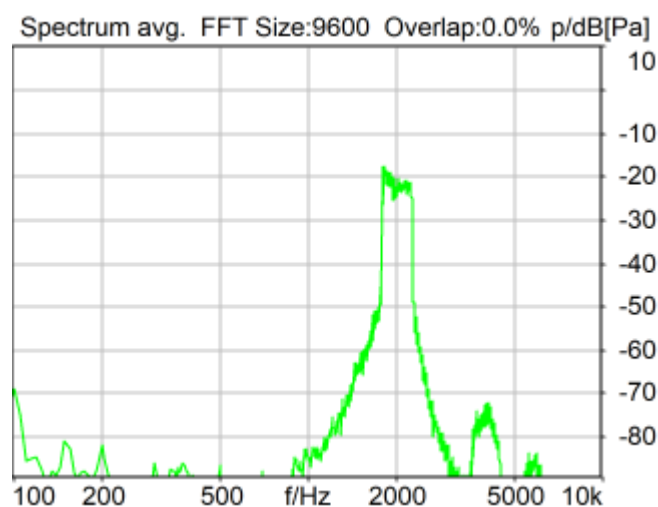
Distortion (Noise) RCV (packed): 36.79 dB (1.45%) Ok

Ok

4/6/2024 4:35 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 2000 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 2N



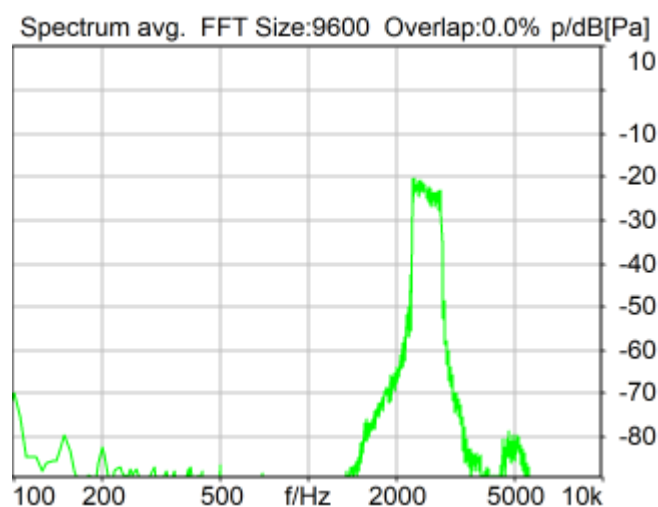
Distortion (Noise) RCV (packed): 33.79 dB (2.04%) Ok

Ok

4/6/2024 4:35 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 2500 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 2N



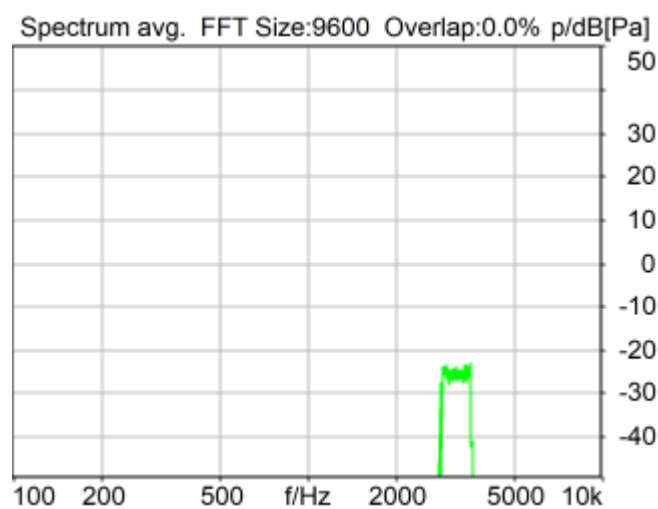
Distortion (Noise) RCV (packed): 33.58 dB (2.09%) Ok

Ok

4/6/2024 4:36 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 3150 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 2N



Distortion (Noise) RCV (packed): 29.51 dB (3.35%) Ok

Ok

4/6/2024 4:36 AM ACQUA 5.1.200

Report - Receive Distortion and Noise (Conversational Gain)

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 2N

Region	Frequency	SDNR
1	400Hz	26.29 dB
2	500Hz	27.08 dB
3	630Hz	22.85 dB
4	800Hz	23.12 dB
5	1000Hz	34.65 dB
6	1250Hz	30.28 dB
7	1600Hz	36.79 dB
8	2000Hz	33.79 dB
9	2500Hz	33.58 dB
10	3150Hz	29.51 dB

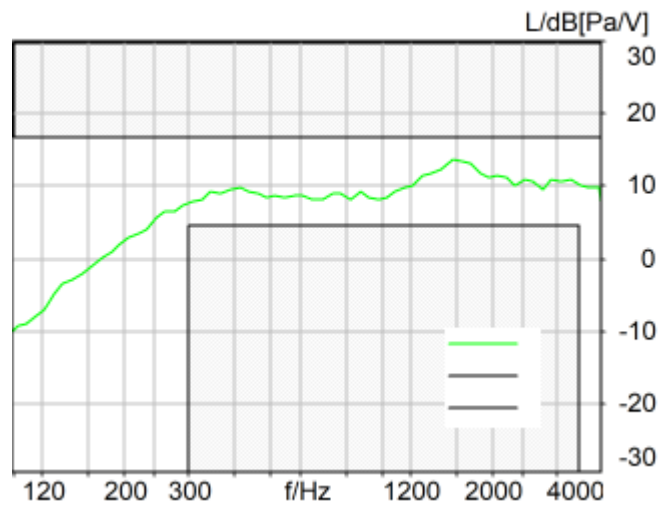
All SDNRs were greater than 20.0 dB, requirement was met.

Smallest SDNR was 22.85dB at 630Hz.

4/6/2024 4:36 AM ACQUA

5.3 Frequency Response 2N FF HANB

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



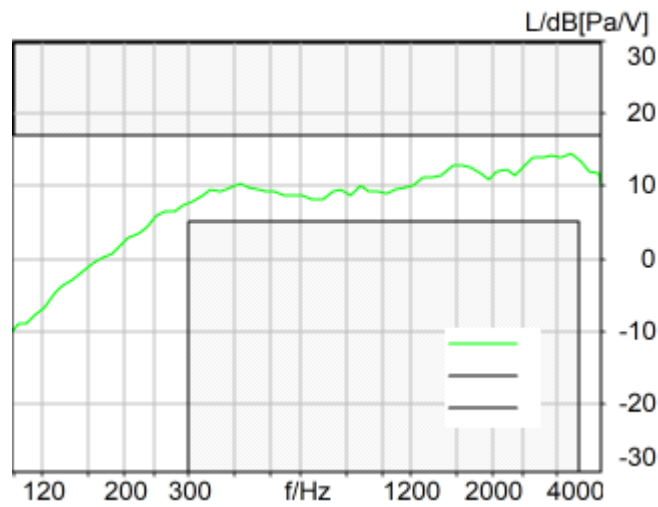
Absolute minimal distance
3.09 dB at 305.9 Hz Ok

Ok

4/6/2024 4:37 AM ACQUA 5.1.200

5.3 Frequency Response 2N DF HANB

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



Absolute minimal distance
2.72 dB at 3245.6 Hz Ok

Ok

4/6/2024 4:37 AM ACQUA 5.1.200

Measurement Protocol

Measurement Object	WLAN2.4GHz_802.11b 1Mbps_EVS WB 13.2kbps_Ch6_8N
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Project	420424
Report Generation Date	4/13/2024 1:25 AM
Responsible Person	AC01-KS

Status Overview

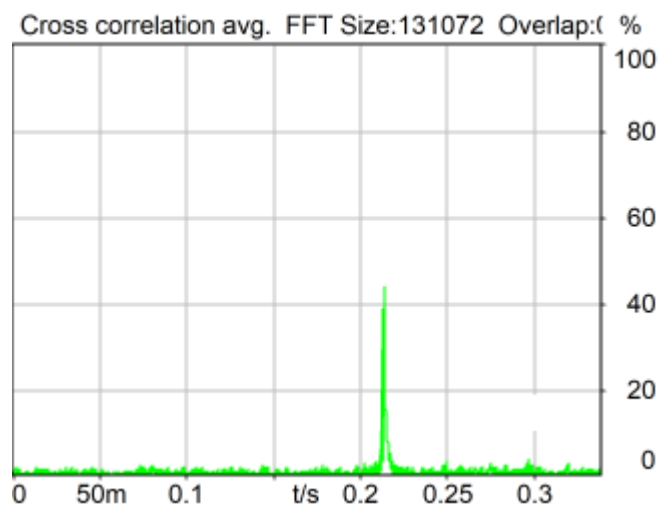
SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	213.8	WLAN2.4GHz_802.11b 1Mbps_EVS WB 13. 2kbps_Ch6_8N
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	84.66	WLAN2.4GHz_802.11b 1Mbps_EVS WB 13. 2kbps_Ch6_8N
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	24.63	WLAN2.4GHz_802.11b 1Mbps_EVS WB 13. 2kbps_Ch6_8N
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	27.32	WLAN2.4GHz_802.11b 1Mbps_EVS WB 13. 2kbps_Ch6_8N
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.04	WLAN2.4GHz_802.11b 1Mbps_EVS WB 13. 2kbps_Ch6_8N
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.12	WLAN2.4GHz_802.11b 1Mbps_EVS WB 13. 2kbps_Ch6_8N
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.33	WLAN2.4GHz_802.11b 1Mbps_EVS WB 13. 2kbps_Ch6_8N
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.10	WLAN2.4GHz_802.11b 1Mbps_EVS WB 13. 2kbps_Ch6_8N
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	29.05	WLAN2.4GHz_802.11b 1Mbps_EVS WB 13. 2kbps_Ch6_8N
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	21.88	WLAN2.4GHz_802.11b 1Mbps_EVS WB 13. 2kbps_Ch6_8N
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.84	WLAN2.4GHz_802.11b 1Mbps_EVS WB 13. 2kbps_Ch6_8N
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.09	WLAN2.4GHz_802.11b 1Mbps_EVS WB 13. 2kbps_Ch6_8N
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	29.77	WLAN2.4GHz_802.11b 1Mbps_EVS WB 13. 2kbps_Ch6_8N
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	30.44	WLAN2.4GHz_802.11b 1Mbps_EVS WB 13. 2kbps_Ch6_8N
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.77	WLAN2.4GHz_802.11b 1Mbps_EVS WB 13. 2kbps_Ch6_8N
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.69	WLAN2.4GHz_802.11b 1Mbps_EVS WB 13. 2kbps_Ch6_8N
Report - Receive Distortion	Ok	Minimum SDNR [dB],	21.88	WLAN2.4GHz_802.11b

and Noise (Conversational Gain)		(occured at 1250Hz)		1Mbps_EVS WB 13. 2kbps_Ch6_8N
5.3 Frequency Response 8N FF	Ok	Min. dist. to tolerance scheme [dB], 4620.1 Hz	1.36	WLAN2.4GHz_802.11b 1Mbps_EVS WB 13. 2kbps_Ch6_8N
5.3 Frequency Response 8N DF	Ok	Min. dist. to tolerance scheme [dB], 4369.4 Hz	1.27	WLAN2.4GHz_802.11b 1Mbps_EVS WB 13. 2kbps_Ch6_8N

Overall Receive Delay WB	6
5.1a Receive Volume Control Performance 8N WB	7
5.2 RCV Distortion and Noise - 250 Hz WB	8
5.2 RCV Distortion and Noise - 315 Hz WB	9
5.2 RCV Distortion and Noise - 400 Hz WB	10
5.2 RCV Distortion and Noise - 500 Hz WB	11
5.2 RCV Distortion and Noise - 630 Hz WB	12
5.2 RCV Distortion and Noise - 800 Hz WB	13
5.2 RCV Distortion and Noise - 1000 Hz WB	14
5.2 RCV Distortion and Noise - 1250 Hz WB	15
5.2 RCV Distortion and Noise - 1600 Hz WB	16
5.2 RCV Distortion and Noise - 2000 Hz WB	17
5.2 RCV Distortion and Noise - 2500 Hz WB	18
5.2 RCV Distortion and Noise - 3150 Hz WB	19
5.2 RCV Distortion and Noise - 4000 Hz WB	20
5.2 RCV Distortion and Noise - 5000 Hz WB	21
Report - Receive Distortion and Noise (Conversational Gain)	22
5.3 Frequency Response 8N FF	23
5.3 Frequency Response 8N DF	24

Overall Receive Delay WB

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

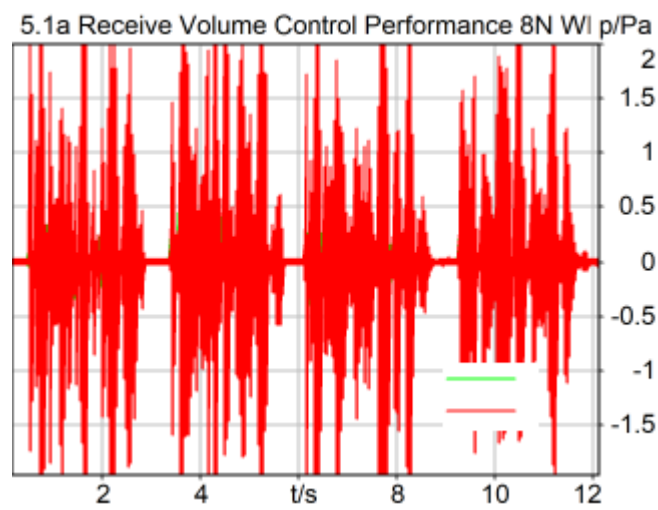


Delay (Cross): 213.8 ms

4/13/2024 1:14 AM ACQUA 5.1.200

5.1a Receive Volume Control Performance 8N WB

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



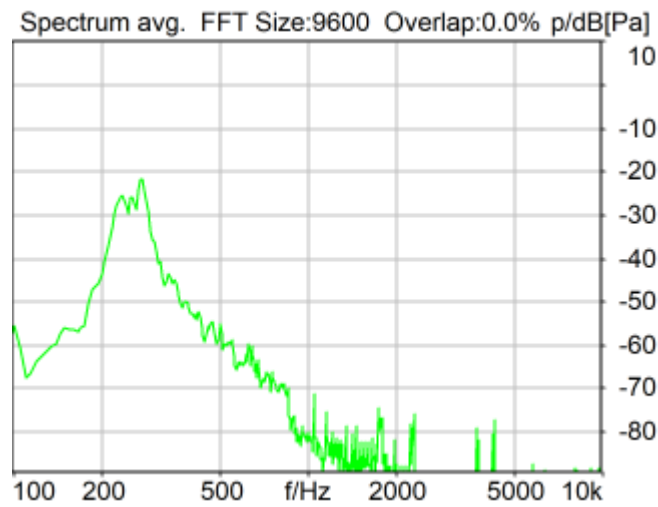
Speech Level RCV: 84.66 dB[SPL], Act.: 85.69% Ok

Ok

4/13/2024 1:14 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 250 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



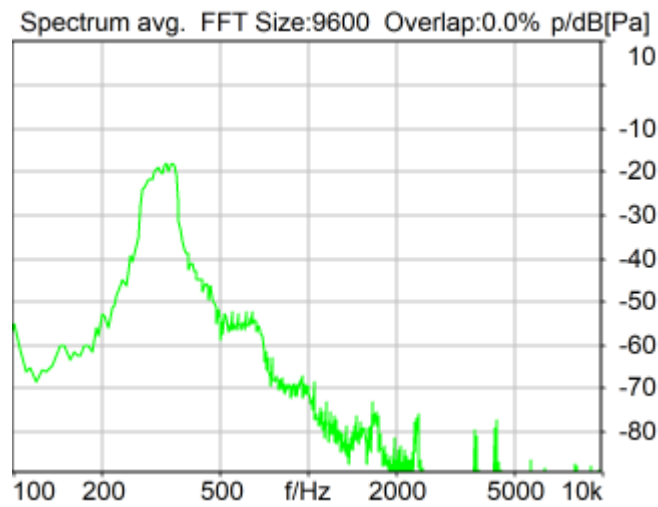
Distortion (Noise) RCV (packed): 24.63 dB (5.87%) Ok

Ok

4/13/2024 1:15 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 315 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



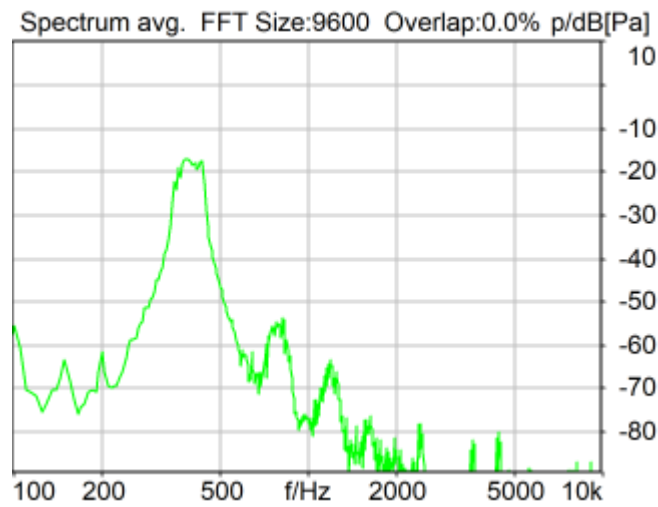
Distortion (Noise) RCV (packed): 27.32 dB (4.30%) Ok

Ok

4/13/2024 1:15 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 400 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



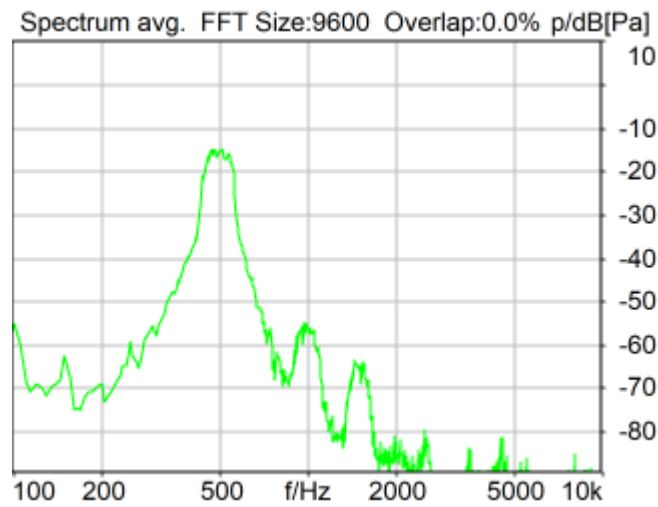
Distortion (Noise) RCV (packed): 31.04 dB (2.81%) Ok

Ok

4/13/2024 1:16 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 500 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



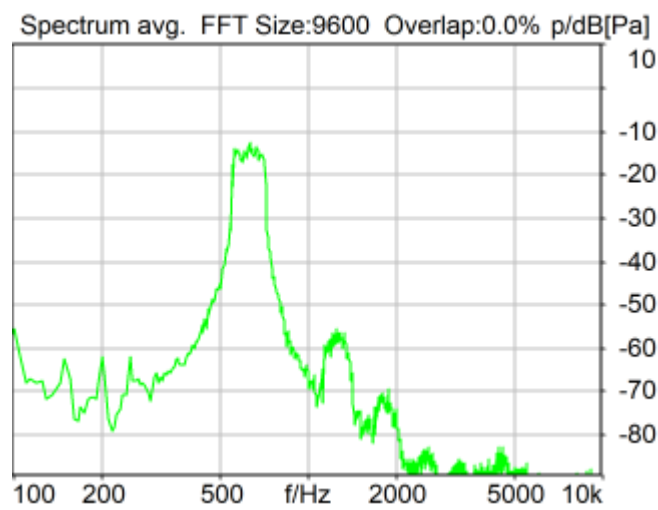
Distortion (Noise) RCV (packed): 28.12 dB (3.92%) Ok

Ok

4/13/2024 1:16 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 630 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



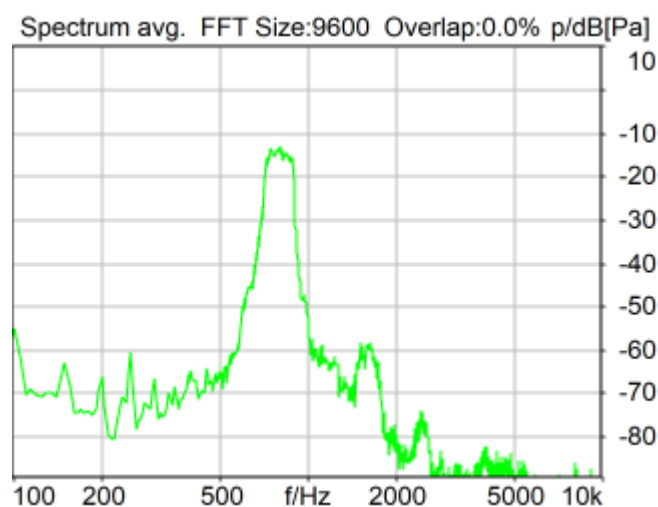
Distortion (Noise) RCV (packed): 32.33 dB (2.42%) Ok

Ok

4/13/2024 1:17 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 800 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



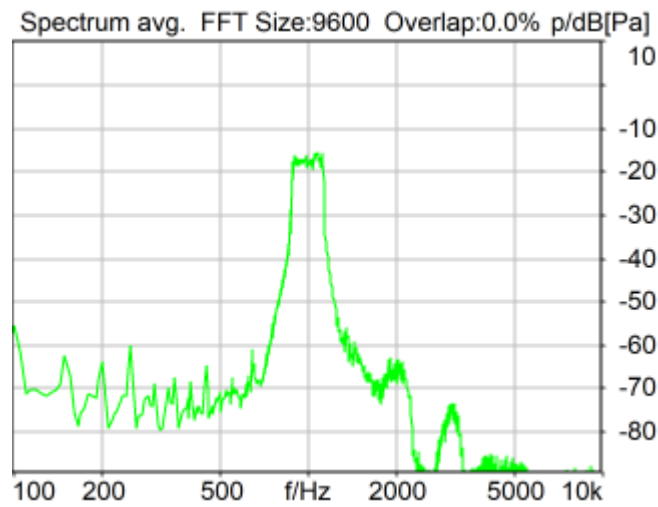
Distortion (Noise) RCV (packed): 32.10 dB (2.48%) Ok

Ok

4/13/2024 1:17 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 1000 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



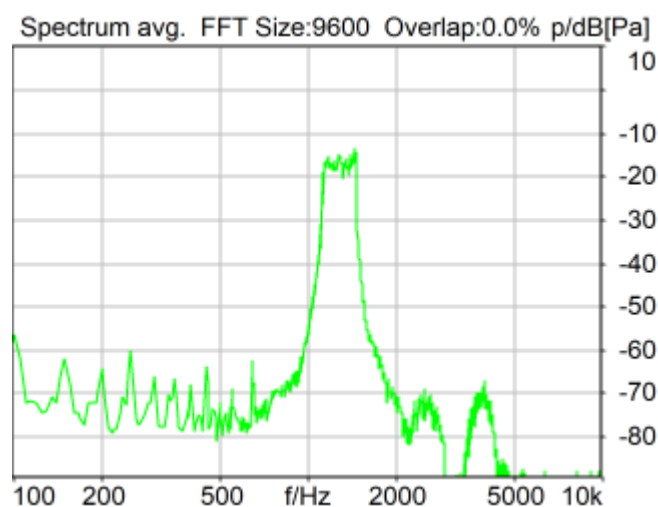
Distortion (Noise) RCV (packed): 29.05 dB (3.53%) Ok

Ok

4/13/2024 1:18 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 1250 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



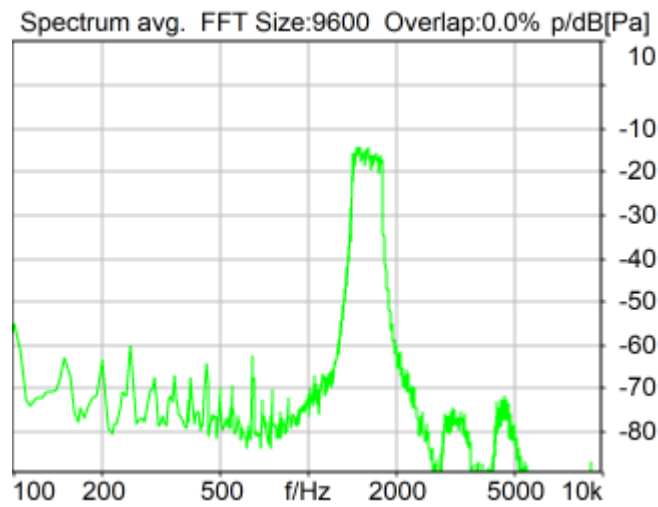
Distortion (Noise) RCV (packed): 21.88 dB (8.06%) Ok

Ok

4/13/2024 1:18 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 1600 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



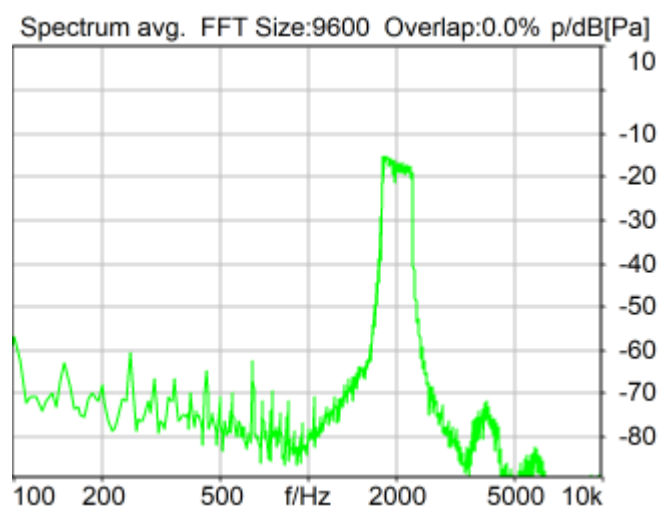
Distortion (Noise) RCV (packed): 31.84 dB (2.56%) Ok

Ok

4/13/2024 1:18 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 2000 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



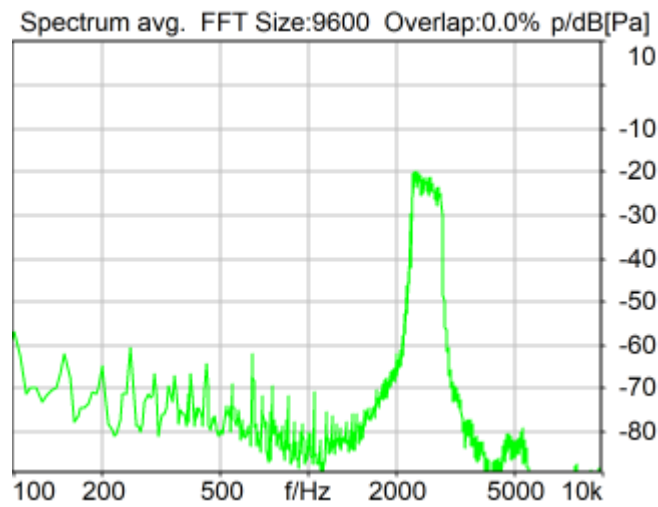
Distortion (Noise) RCV (packed): 32.09 dB (2.49%) Ok

Ok

4/13/2024 1:19 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 2500 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



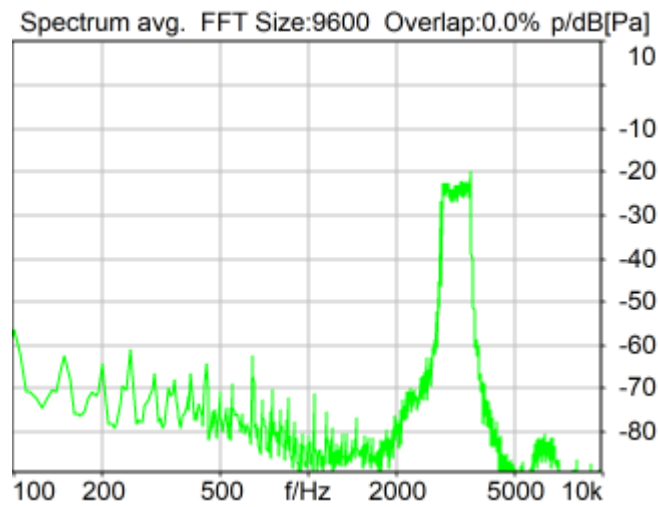
Distortion (Noise) RCV (packed): 29.77 dB (3.25%) Ok

Ok

4/13/2024 1:19 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 3150 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



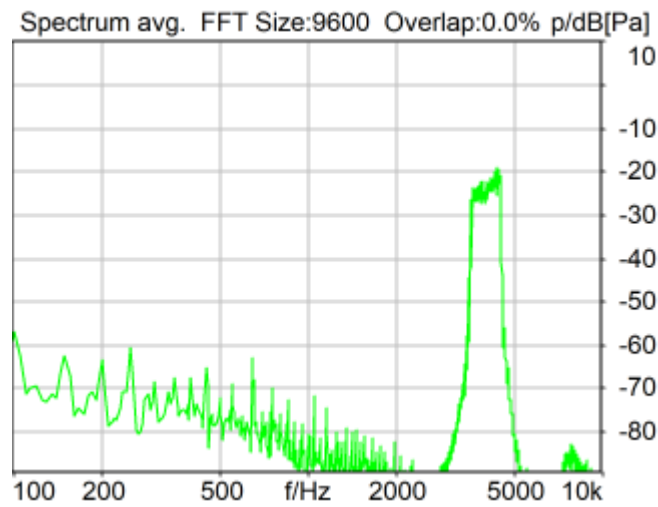
Distortion (Noise) RCV (packed): 30.44 dB (3.01%) Ok

Ok

4/13/2024 1:20 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 4000 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



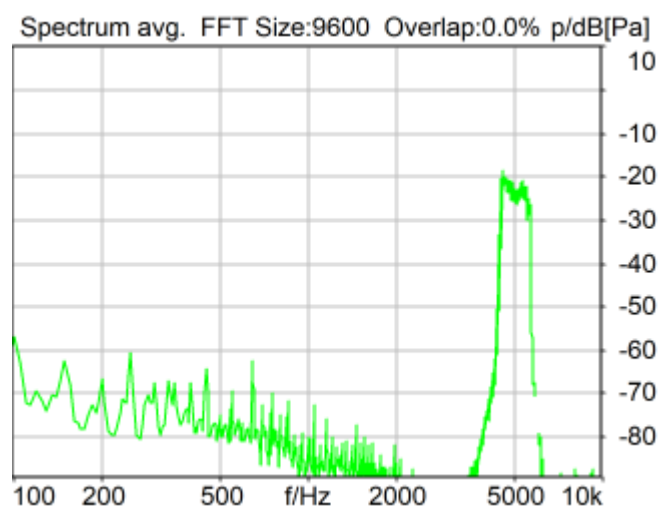
Distortion (Noise) RCV (packed): 32.77 dB (2.30%) Ok

Ok

4/13/2024 1:20 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 5000 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



Distortion (Noise) RCV (packed): 33.69 dB (2.07%) Ok

Ok

4/13/2024 1:21 AM ACQUA 5.1.200

Report - Receive Distortion and Noise (Conversational Gain)

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N

Region	Frequency	SDNR
1	250Hz	24.63 dB
2	315Hz	27.32 dB
3	400Hz	31.04 dB
4	500Hz	28.12 dB
5	630Hz	32.33 dB
6	800Hz	32.10 dB
7	1000Hz	29.05 dB
8	1250Hz	21.88 dB
9	1600Hz	31.84 dB
10	2000Hz	32.09 dB
11	2500Hz	29.77 dB
12	3150Hz	30.44 dB
13	4000Hz	32.77 dB
14	5000Hz	33.69 dB

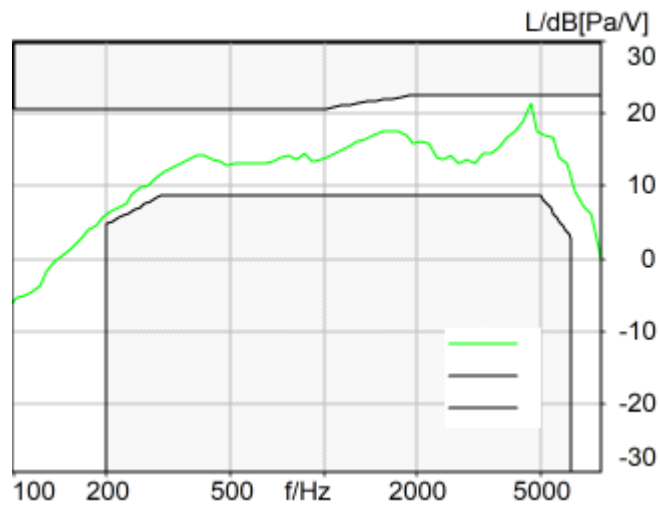
All SDNRs were greater than 20.0 dB, requirement was met.

Smallest SDNR was 21.88dB at 1250Hz.

4/13/2024 1:21 AM ACQUA

5.3 Frequency Response 8N FF

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



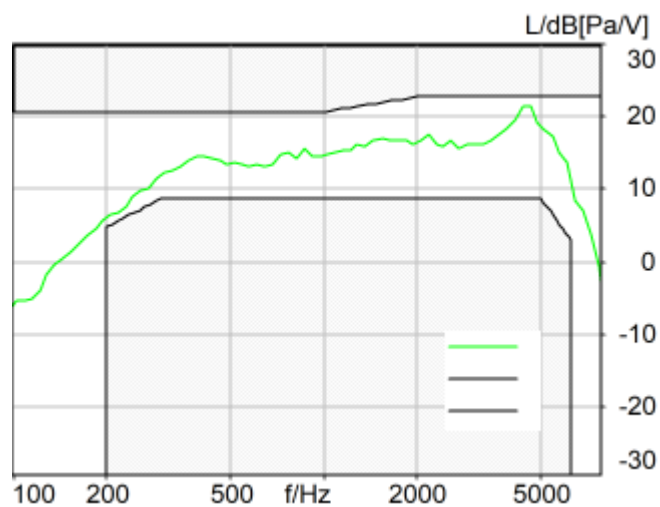
Absolute minimal distance
1.36 dB at 4620.1 Hz Ok

Ok

4/13/2024 1:21 AM ACQUA 5.1.200

5.3 Frequency Response 8N DF

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



Absolute minimal distance
1.27 dB at 4369.4 Hz Ok

Ok

4/13/2024 1:22 AM ACQUA 5.1.200

Measurement Protocol

Measurement Object	WLAN5GHz_802.11a 6Mbps_EVS NB 13.2kbps_Ch40_2N
--------------------	--

Project	420424
Report Generation Date	4/12/2024 10:56 PM
Responsible Person	AC01-KS

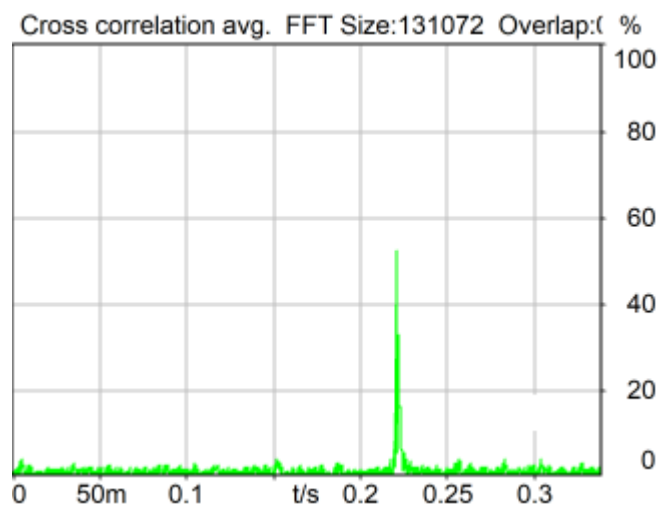
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	221.6	WLAN5GHz_802.11a 6Mbps_EVS NB 13. 2kbps_Ch40_2N
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	80.36	WLAN5GHz_802.11a 6Mbps_EVS NB 13. 2kbps_Ch40_2N
5.2 RCV Distortion and Noise - 400 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	28.16	WLAN5GHz_802.11a 6Mbps_EVS NB 13. 2kbps_Ch40_2N
5.2 RCV Distortion and Noise - 500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	26.96	WLAN5GHz_802.11a 6Mbps_EVS NB 13. 2kbps_Ch40_2N
5.2 RCV Distortion and Noise - 630 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	22.18	WLAN5GHz_802.11a 6Mbps_EVS NB 13. 2kbps_Ch40_2N
5.2 RCV Distortion and Noise - 800 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	21.84	WLAN5GHz_802.11a 6Mbps_EVS NB 13. 2kbps_Ch40_2N
5.2 RCV Distortion and Noise - 1000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	32.08	WLAN5GHz_802.11a 6Mbps_EVS NB 13. 2kbps_Ch40_2N
5.2 RCV Distortion and Noise - 1250 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	20.67	WLAN5GHz_802.11a 6Mbps_EVS NB 13. 2kbps_Ch40_2N
5.2 RCV Distortion and Noise - 1600 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	34.00	WLAN5GHz_802.11a 6Mbps_EVS NB 13. 2kbps_Ch40_2N
5.2 RCV Distortion and Noise - 2000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	29.34	WLAN5GHz_802.11a 6Mbps_EVS NB 13. 2kbps_Ch40_2N
5.2 RCV Distortion and Noise - 2500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	32.04	WLAN5GHz_802.11a 6Mbps_EVS NB 13. 2kbps_Ch40_2N
5.2 RCV Distortion and Noise - 3150 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	28.84	WLAN5GHz_802.11a 6Mbps_EVS NB 13. 2kbps_Ch40_2N
Report - Receive Distortion and Noise (Conversational Gain)	Ok	Minimum SDNR [dB], (occured at 1250Hz)	20.67	WLAN5GHz_802.11a 6Mbps_EVS NB 13. 2kbps_Ch40_2N
5.3 Frequency Response 2N FF HANB	Ok	Min. dist. to tolerance scheme [dB], 305.9 Hz	2.52	WLAN5GHz_802.11a 6Mbps_EVS NB 13. 2kbps_Ch40_2N
5.3 Frequency Response 2N DF HANB	Ok	Min. dist. to tolerance scheme [dB], 2571.8 Hz	1.90	WLAN5GHz_802.11a 6Mbps_EVS NB 13. 2kbps_Ch40_2N

Overall Receive Delay NB	5
5.1b Receive Volume Control Performance 2N NB	6
5.2 RCV Distortion and Noise - 400 Hz NB	7
5.2 RCV Distortion and Noise - 500 Hz NB	8
5.2 RCV Distortion and Noise - 630 Hz NB	9
5.2 RCV Distortion and Noise - 800 Hz NB	10
5.2 RCV Distortion and Noise - 1000 Hz NB	11
5.2 RCV Distortion and Noise - 1250 Hz NB	12
5.2 RCV Distortion and Noise - 1600 Hz NB	13
5.2 RCV Distortion and Noise - 2000 Hz NB	14
5.2 RCV Distortion and Noise - 2500 Hz NB	15
5.2 RCV Distortion and Noise - 3150 Hz NB	16
Report - Receive Distortion and Noise (Conversational Gain)	17
5.3 Frequency Response 2N FF HANB	18
5.3 Frequency Response 2N DF HANB	19

Overall Receive Delay NB

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

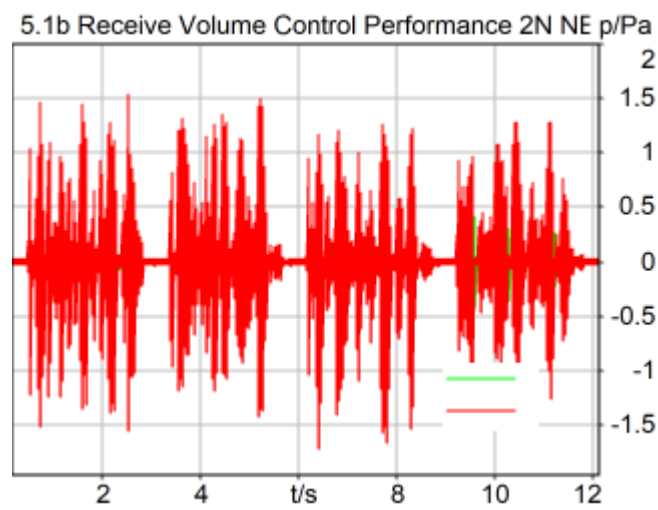


Delay (Cross): 221.6 ms

4/12/2024 10:50 PM ACQUA 5.1.200

5.1b Receive Volume Control Performance 2N NB

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



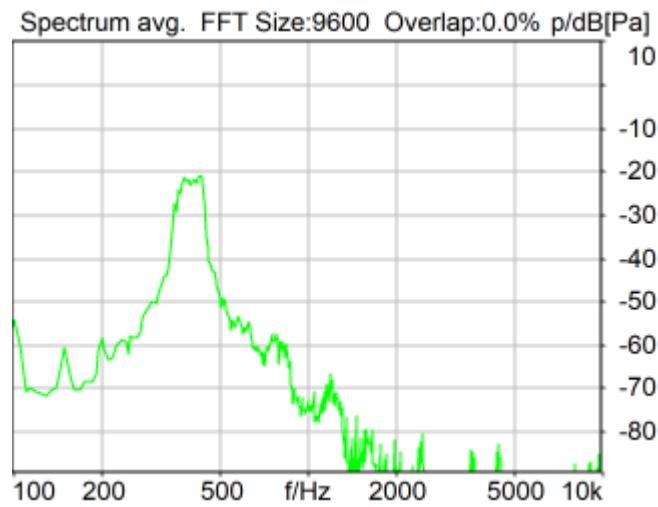
Speech Level RCV: 80.36 dB[SPL], Act.: 81.61% Ok

Ok

4/12/2024 10:51 PM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 400 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 2N



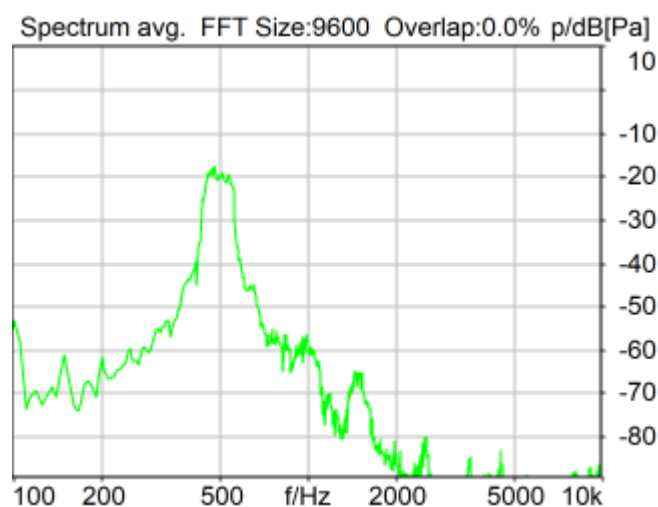
Distortion (Noise) RCV (packed): 28.16 dB (3.91%) Ok

Ok

4/12/2024 10:51 PM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 500 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 2N



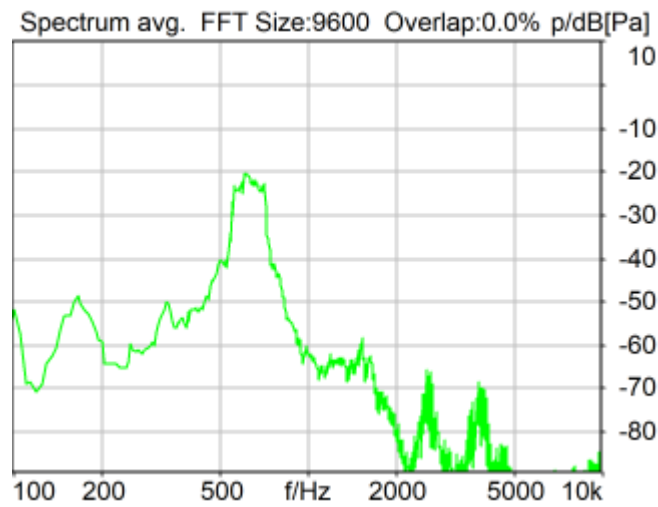
Distortion (Noise) RCV (packed): 26.96 dB (4.49%) Ok

Ok

4/12/2024 10:51 PM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 630 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 2N



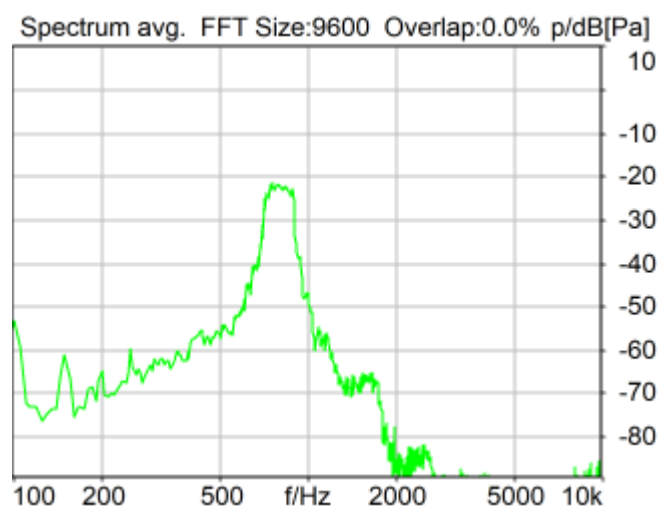
Distortion (Noise) RCV (packed): 22.18 dB (7.78%) Ok

Ok

4/12/2024 10:52 PM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 800 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 2N



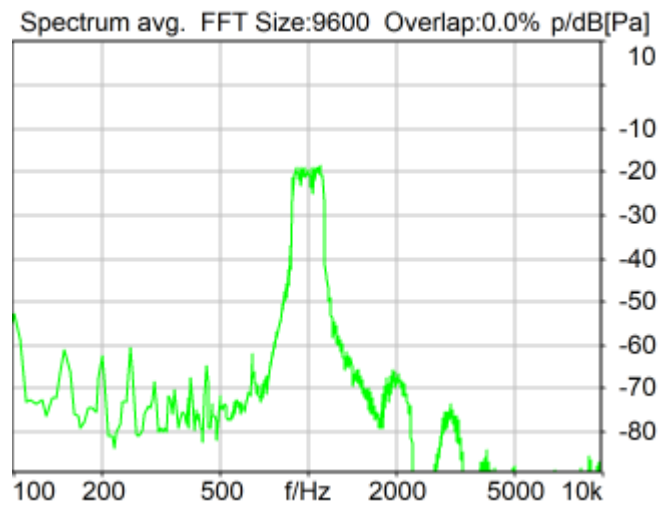
Distortion (Noise) RCV (packed): 21.84 dB (8.09%) Ok

Ok

4/12/2024 10:52 PM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 1000 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 2N



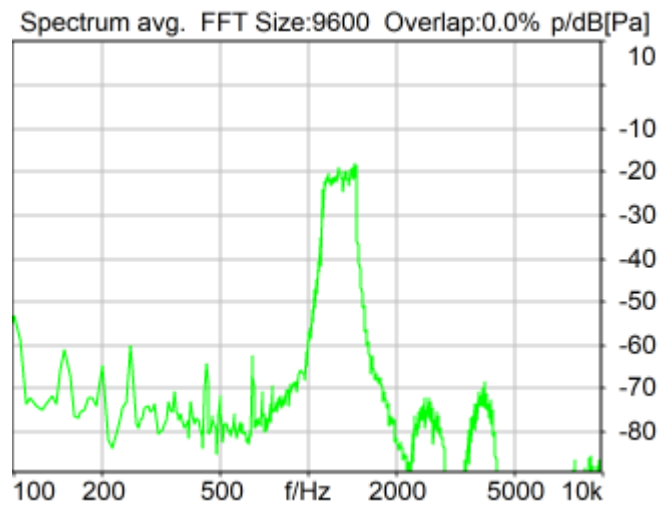
Distortion (Noise) RCV (packed): 32.08 dB (2.49%) Ok

Ok

4/12/2024 10:53 PM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 1250 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 2N



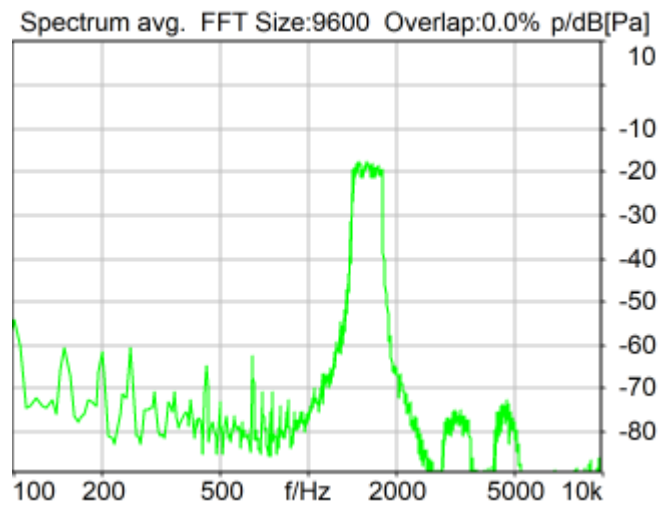
Distortion (Noise) RCV (packed): 20.67 dB (9.26%) Ok

Ok

4/12/2024 10:53 PM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 1600 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 2N



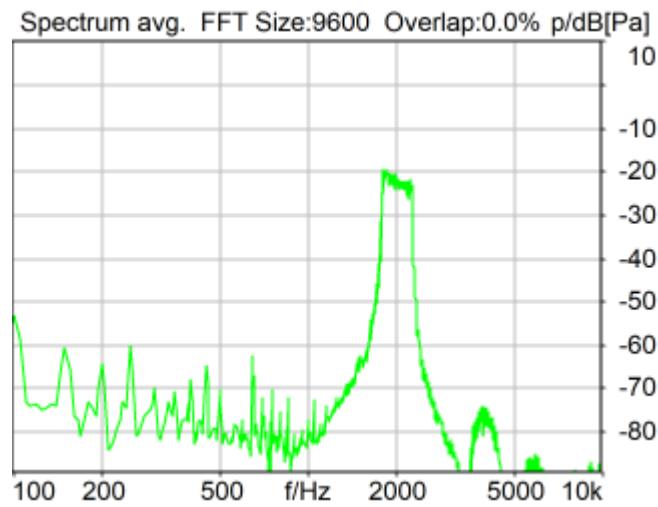
Distortion (Noise) RCV (packed): 34.00 dB (2.00%) Ok

Ok

4/12/2024 10:54 PM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 2000 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 2N



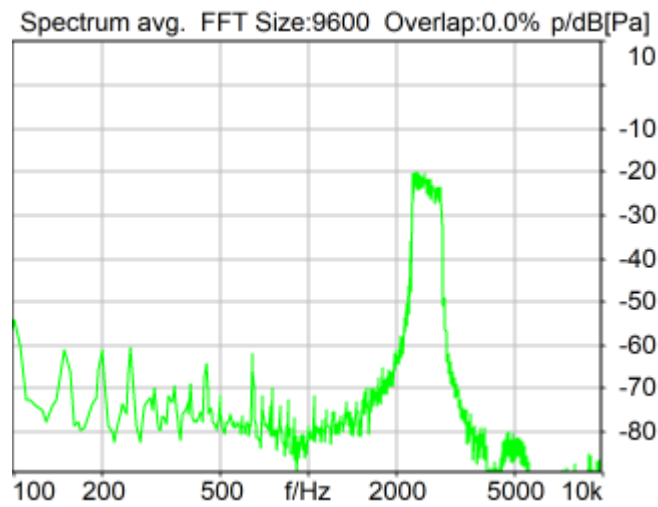
Distortion (Noise) RCV (packed): 29.34 dB (3.41%) Ok

Ok

4/12/2024 10:54 PM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 2500 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 2N



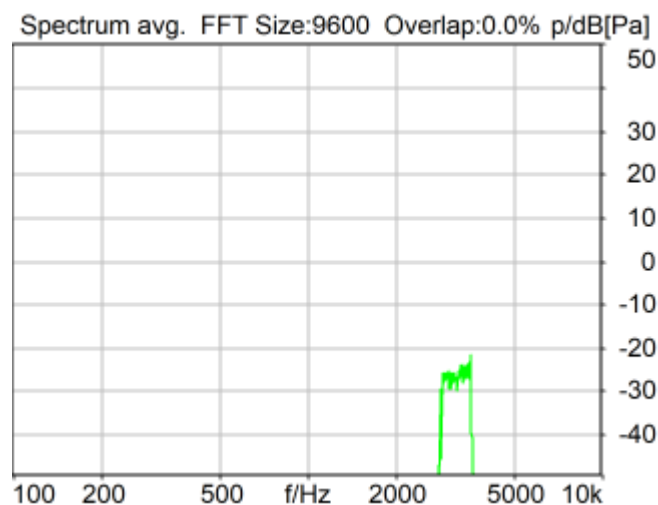
Distortion (Noise) RCV (packed): 32.04 dB (2.50%) Ok

Ok

4/12/2024 10:55 PM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 3150 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 2N



Distortion (Noise) RCV (packed): 28.84 dB (3.62%) Ok

Ok

4/12/2024 10:55 PM ACQUA 5.1.200

Report - Receive Distortion and Noise (Conversational Gain)

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 2N

Region	Frequency	SDNR
1	400Hz	28.16 dB
2	500Hz	26.96 dB
3	630Hz	22.18 dB
4	800Hz	21.84 dB
5	1000Hz	32.08 dB
6	1250Hz	20.67 dB
7	1600Hz	34.00 dB
8	2000Hz	29.34 dB
9	2500Hz	32.04 dB
10	3150Hz	28.84 dB

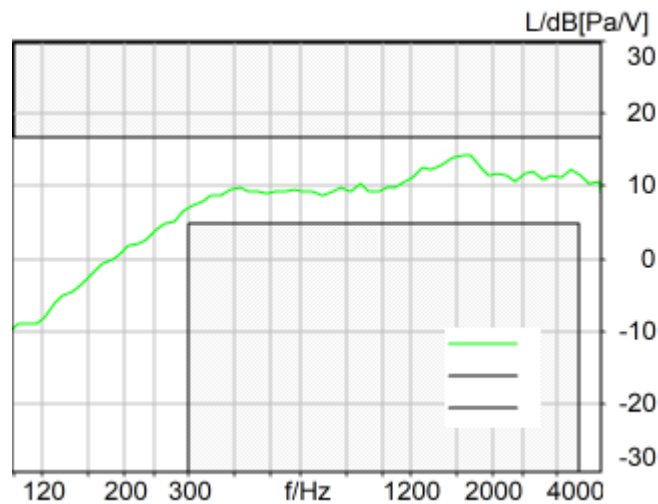
All SDNRs were greater than 20.0 dB, requirement was met.

Smallest SDNR was 20.67dB at 1250Hz.

4/12/2024 10:55 PM ACQUA

5.3 Frequency Response 2N FF HANB

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



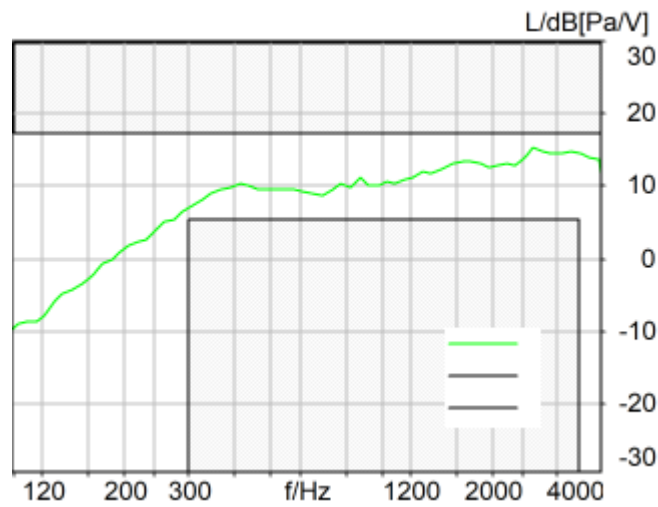
Absolute minimal distance
2.52 dB at 305.9 Hz Ok

Ok

4/12/2024 10:55 PM ACQUA 5.1.200

5.3 Frequency Response 2N DF HANB

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



Absolute minimal distance
1.90 dB at 2571.8 Hz Ok

Ok

4/12/2024 10:56 PM ACQUA 5.1.200

Measurement Protocol

Measurement Object	GSM850_GSM Voice_AMR WB 6.60kbps_Ch189_2N
--------------------	---

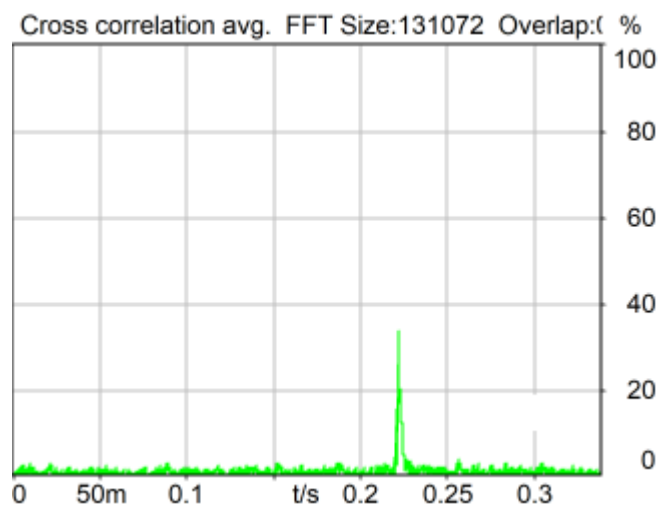
Project	420424
Report Generation Date	4/6/2024 6:01 AM
Responsible Person	AC01-KS

Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	222.3	GSM850_GSM Voice_AMR WB 6. 60kbps_Ch189_2N
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	79.81	GSM850_GSM Voice_AMR WB 6. 60kbps_Ch189_2N

Overall Receive Delay WB

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

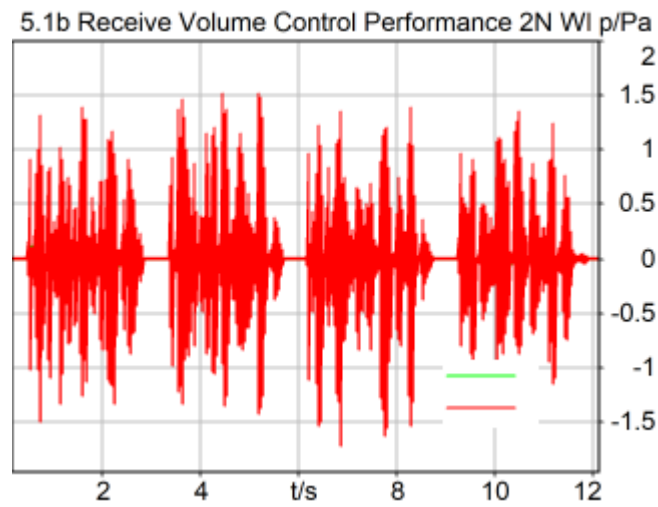


Delay (Cross): 222.3 ms

4/6/2024 6:00 AM ACQUA 5.1.200

5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 79.81 dB[SPL], Act.: 84.88% Ok

Ok

4/6/2024 6:01 AM ACQUA 5.1.200

Measurement Protocol

Measurement Object	WCDMA II_Voice_AMR WB 6.60kbps_Ch9400_2N
--------------------	--

Project	420424
Report Generation Date	4/6/2024 7:46 AM
Responsible Person	AC01-KS

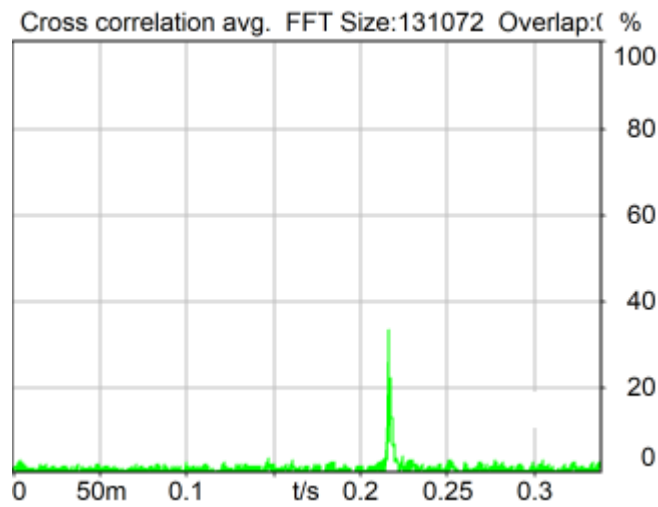
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	216.7	WCDMA II_Voice_AMR WB 6. 60kbps_Ch9400_2N
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	79.94	WCDMA II_Voice_AMR WB 6. 60kbps_Ch9400_2N

Overall Receive Delay WB	5
5.1b Receive Volume Control Performance 2N WB	6

Overall Receive Delay WB

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

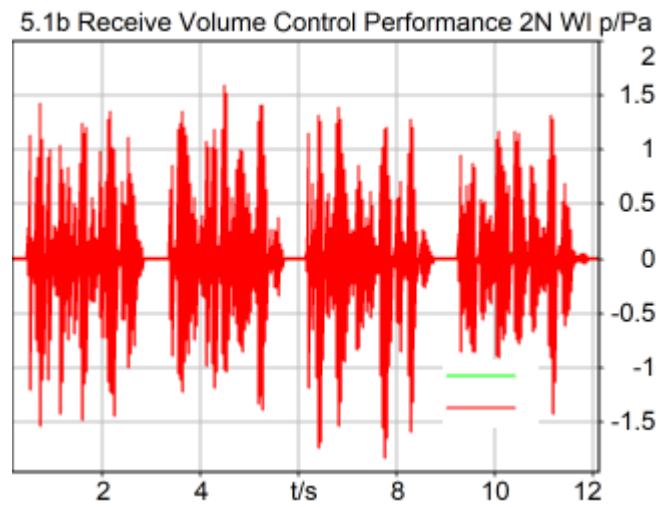


Delay (Cross): 216.7 ms

4/6/2024 7:45 AM ACQUA 5.1.200

5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 79.94 dB[SPL], Act.: 84.63% Ok

Ok

4/6/2024 7:46 AM ACQUA 5.1.200

Measurement Protocol

Measurement Object	LTE Band 13_10M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch23230_2N
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Project	420424
Report Generation Date	4/6/2024 4:18 AM
Responsible Person	AC01-KS

Status Overview

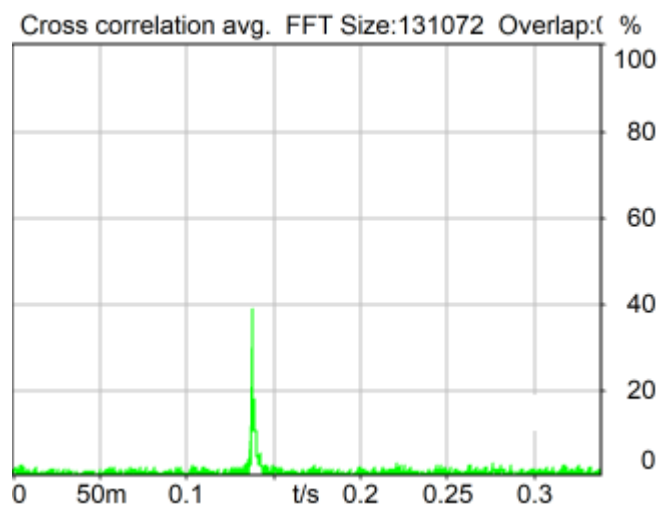
SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	138.0	LTE Band 13_10M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch23230_2N
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	79.78	LTE Band 13_10M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch23230_2N
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	27.18	LTE Band 13_10M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch23230_2N
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	29.53	LTE Band 13_10M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch23230_2N
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	30.63	LTE Band 13_10M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch23230_2N
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.63	LTE Band 13_10M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch23230_2N
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.83	LTE Band 13_10M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch23230_2N
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.21	LTE Band 13_10M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch23230_2N
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	36.73	LTE Band 13_10M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch23230_2N
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.14	LTE Band 13_10M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch23230_2N
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.15	LTE Band 13_10M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch23230_2N
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	37.55	LTE Band 13_10M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch23230_2N
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	34.90	LTE Band 13_10M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch23230_2N
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.04	LTE Band 13_10M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch23230_2N
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.85	LTE Band 13_10M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch23230_2N
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.97	LTE Band 13_10M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch23230_2N
Report - Receive Distortion	Ok	Minimum SDNR [dB]	27.18	LTE Band

and Noise (Conversational Gain)		, (occured at 250Hz)		13_10M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch23230_2N
5.3 Frequency Response 2N FF	Ok	Min. dist. to tolerance scheme [dB], 205.7 Hz	2.36	LTE Band 13_10M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch23230_2N
5.3 Frequency Response 2N DF	Ok	Min. dist. to tolerance scheme [dB], 4620.1 Hz	1.34	LTE Band 13_10M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch23230_2N

Overall Receive Delay WB	6
5.1b Receive Volume Control Performance 2N WB	7
5.2 RCV Distortion and Noise - 250 Hz WB	8
5.2 RCV Distortion and Noise - 315 Hz WB	9
5.2 RCV Distortion and Noise - 400 Hz WB	10
5.2 RCV Distortion and Noise - 500 Hz WB	11
5.2 RCV Distortion and Noise - 630 Hz WB	12
5.2 RCV Distortion and Noise - 800 Hz WB	13
5.2 RCV Distortion and Noise - 1000 Hz WB	14
5.2 RCV Distortion and Noise - 1250 Hz WB	15
5.2 RCV Distortion and Noise - 1600 Hz WB	16
5.2 RCV Distortion and Noise - 2000 Hz WB	17
5.2 RCV Distortion and Noise - 2500 Hz WB	18
5.2 RCV Distortion and Noise - 3150 Hz WB	19
5.2 RCV Distortion and Noise - 4000 Hz WB	20
5.2 RCV Distortion and Noise - 5000 Hz WB	21
Report - Receive Distortion and Noise (Conversational Gain)	22
5.3 Frequency Response 2N FF	23
5.3 Frequency Response 2N DF	24

Overall Receive Delay WB

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

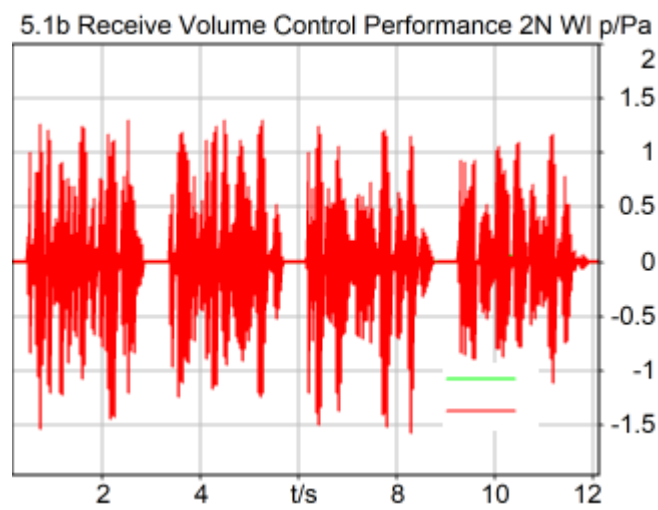


Delay (Cross): 138.0 ms

4/6/2024 4:10 AM ACQUA 5.1.200

5.1b Receive Volume Control Performance 2N WB

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



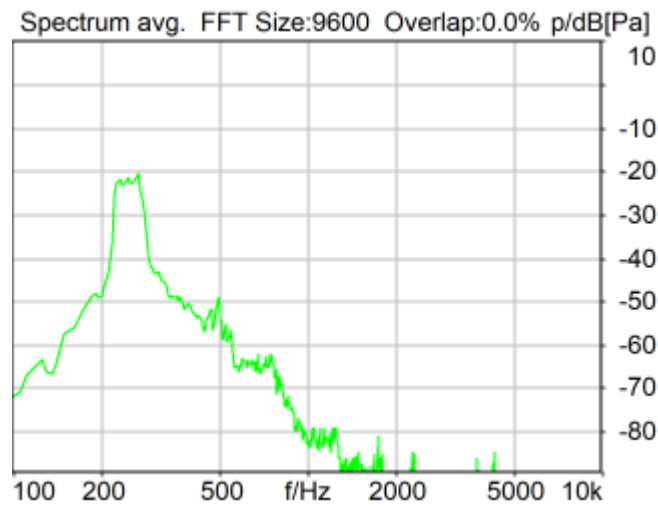
Speech Level RCV: 79.78 dB[SPL], Act.: 85.33% Ok

Ok

4/6/2024 4:10 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 250 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



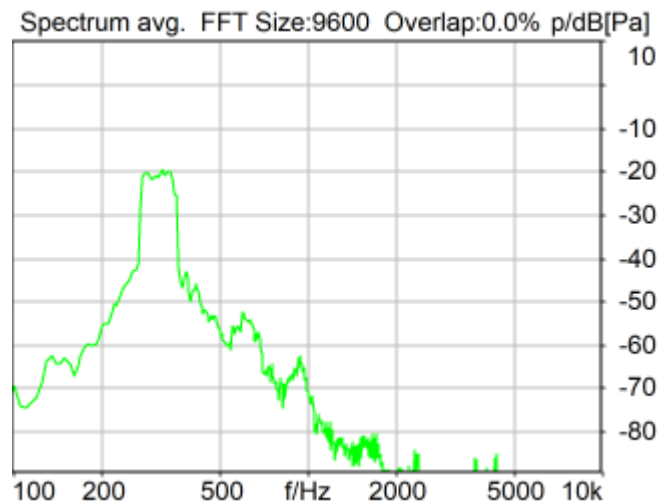
Distortion (Noise) RCV (packed): 27.18 dB (4.38%) Ok

Ok

4/6/2024 4:11 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 315 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



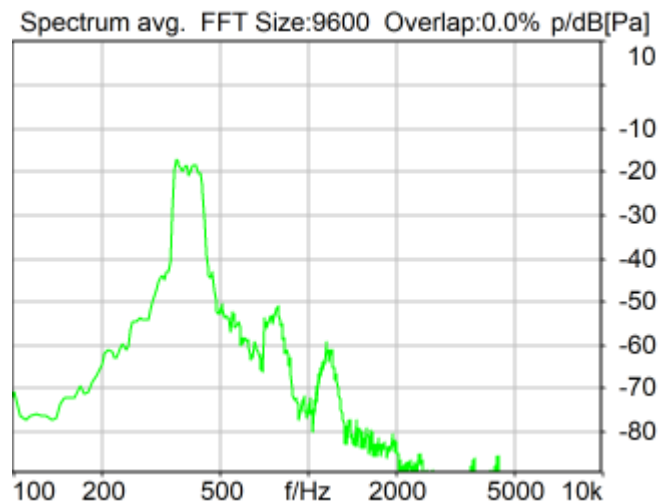
Distortion (Noise) RCV (packed): 29.53 dB (3.34%) Ok

Ok

4/6/2024 4:11 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 400 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



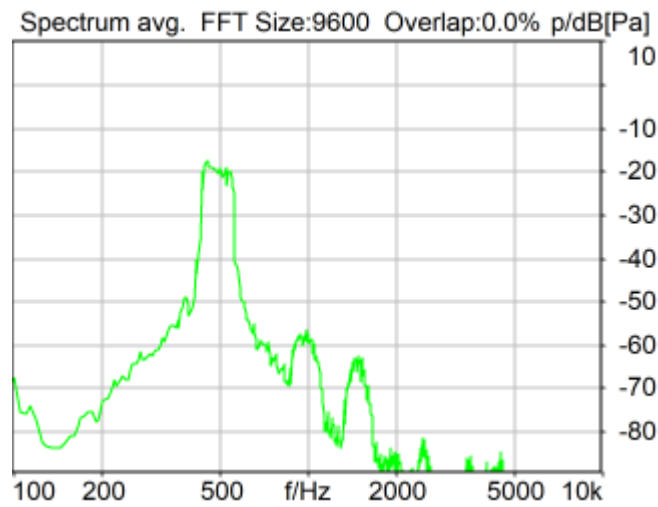
Distortion (Noise) RCV (packed): 30.63 dB (2.94%) Ok

Ok

4/6/2024 4:11 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 500 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



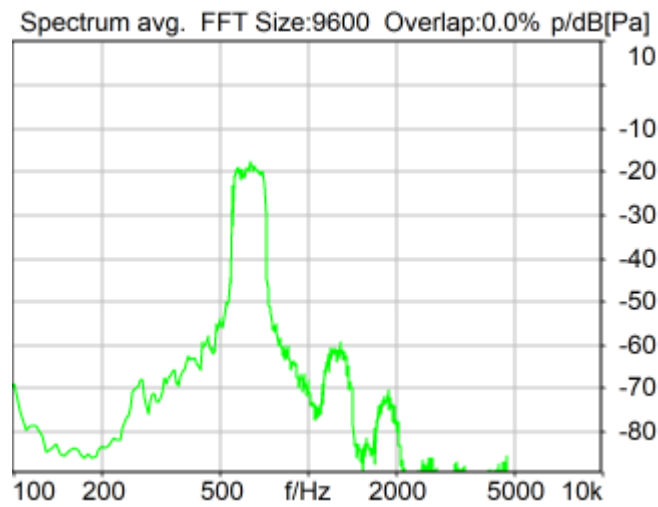
Distortion (Noise) RCV (packed): 32.63 dB (2.34%) Ok

Ok

4/6/2024 4:12 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 630 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



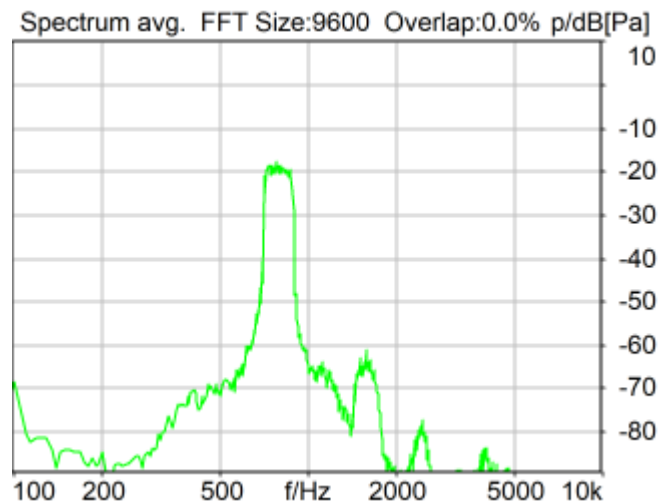
Distortion (Noise) RCV (packed): 35.83 dB (1.62%) Ok

Ok

4/6/2024 4:12 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 800 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



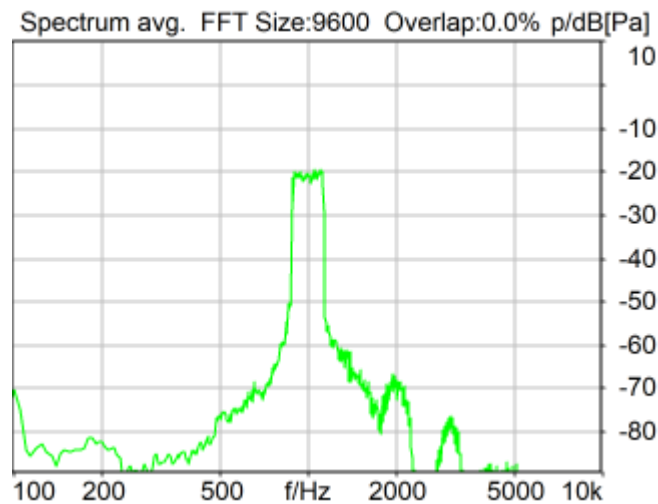
Distortion (Noise) RCV (packed): 38.21 dB (1.23%) Ok

Ok

4/6/2024 4:13 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 1000 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



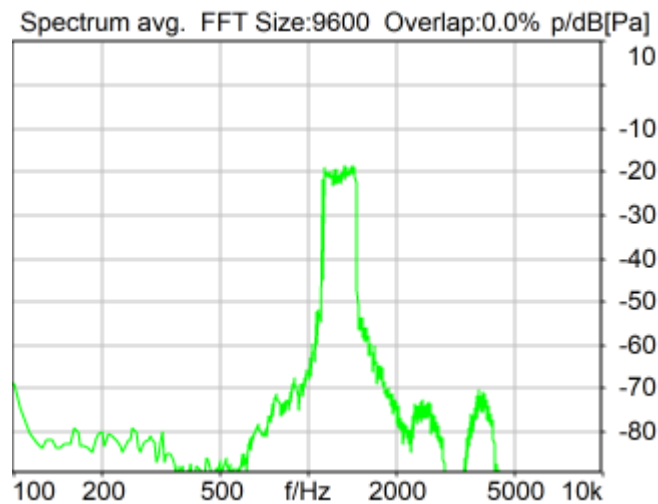
Distortion (Noise) RCV (packed): 36.73 dB (1.46%) Ok

Ok

4/6/2024 4:13 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 1250 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



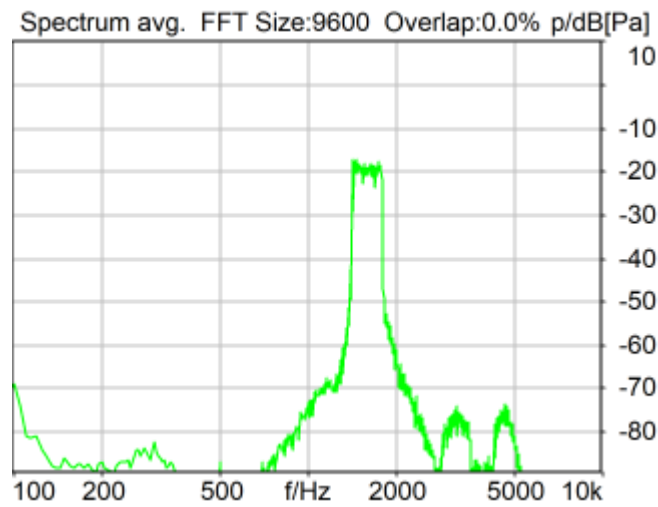
Distortion (Noise) RCV (packed): 31.14 dB (2.77%) Ok

Ok

4/6/2024 4:14 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 1600 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



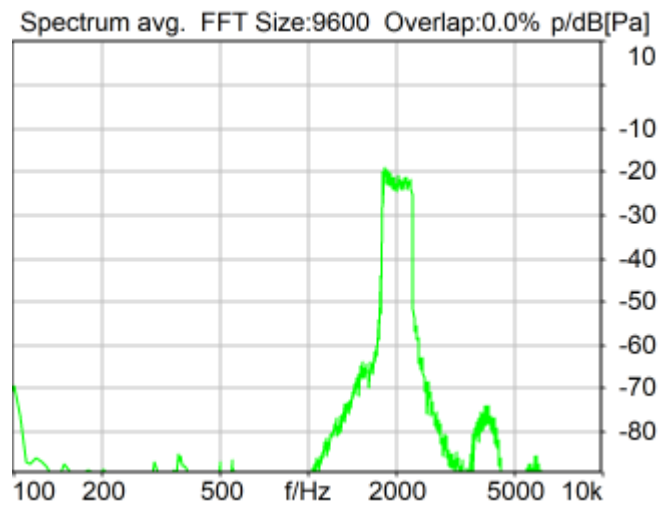
Distortion (Noise) RCV (packed): 38.15 dB (1.24%) Ok

Ok

4/6/2024 4:14 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 2000 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



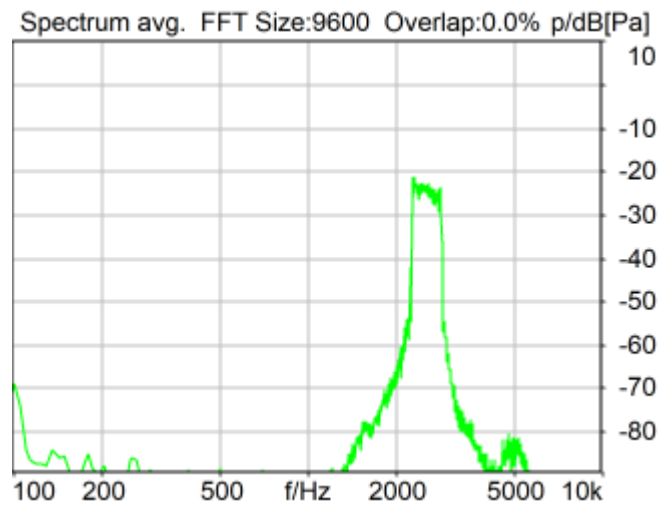
Distortion (Noise) RCV (packed): 37.55 dB (1.33%) Ok

Ok

4/6/2024 4:15 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 2500 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



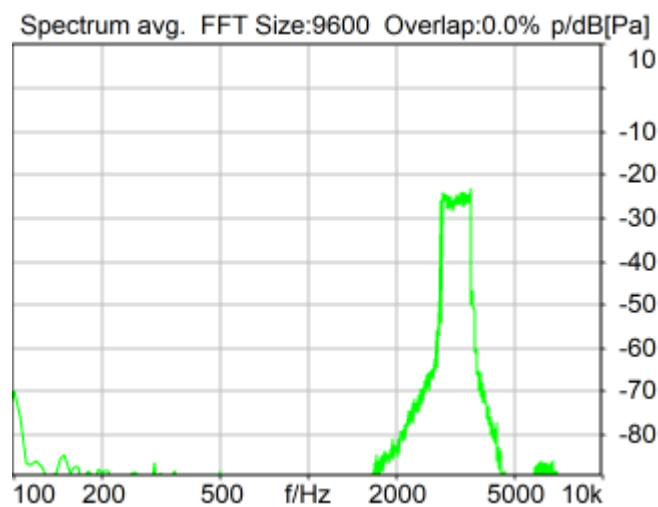
Distortion (Noise) RCV (packed): 34.90 dB (1.80%) Ok

Ok

4/6/2024 4:15 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 3150 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



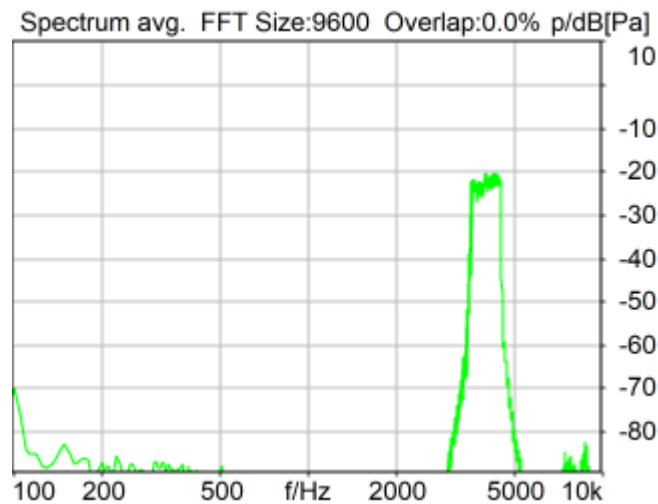
Distortion (Noise) RCV (packed): 32.04 dB (2.50%) Ok

Ok

4/6/2024 4:15 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 4000 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



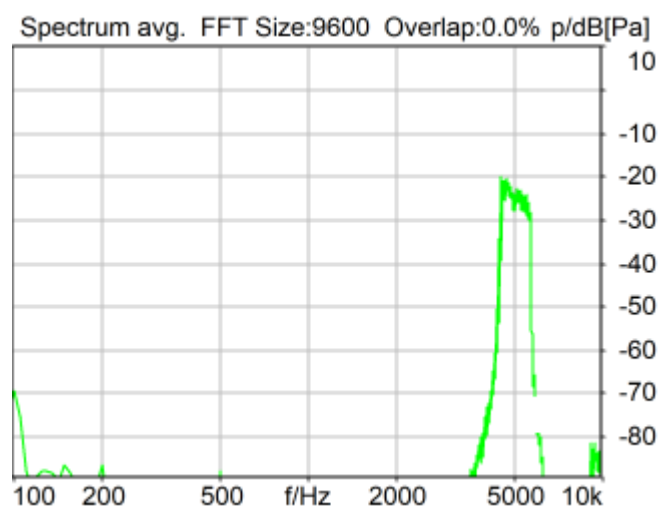
Distortion (Noise) RCV (packed): 31.85 dB (2.56%) Ok

Ok

4/6/2024 4:16 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 5000 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



Distortion (Noise) RCV (packed): 33.97 dB (2.00%) Ok

Ok

4/6/2024 4:16 AM ACQUA 5.1.200

Report - Receive Distortion and Noise (Conversational Gain)

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N

Region	Frequency	SDNR
1	250Hz	27.18 dB
2	315Hz	29.53 dB
3	400Hz	30.63 dB
4	500Hz	32.63 dB
5	630Hz	35.83 dB
6	800Hz	38.21 dB
7	1000Hz	36.73 dB
8	1250Hz	31.14 dB
9	1600Hz	38.15 dB
10	2000Hz	37.55 dB
11	2500Hz	34.90 dB
12	3150Hz	32.04 dB
13	4000Hz	31.85 dB
14	5000Hz	33.97 dB

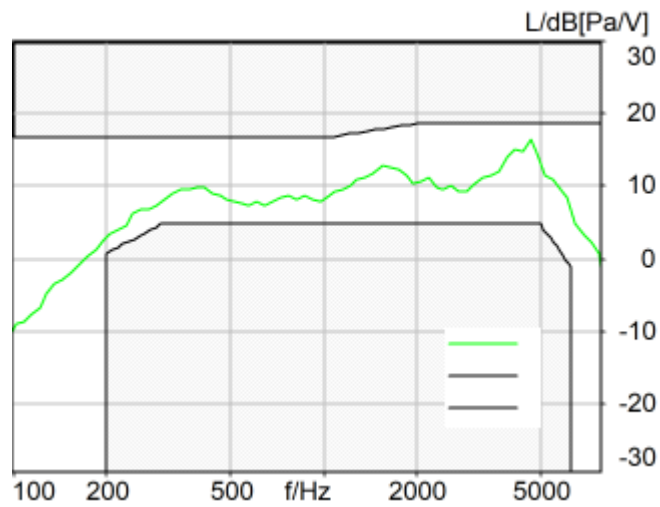
All SDNRs were greater than 20.0 dB, requirement was met.

Smallest SDNR was 27.18dB at 250Hz.

4/6/2024 4:16 AM ACQUA

5.3 Frequency Response 2N FF

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



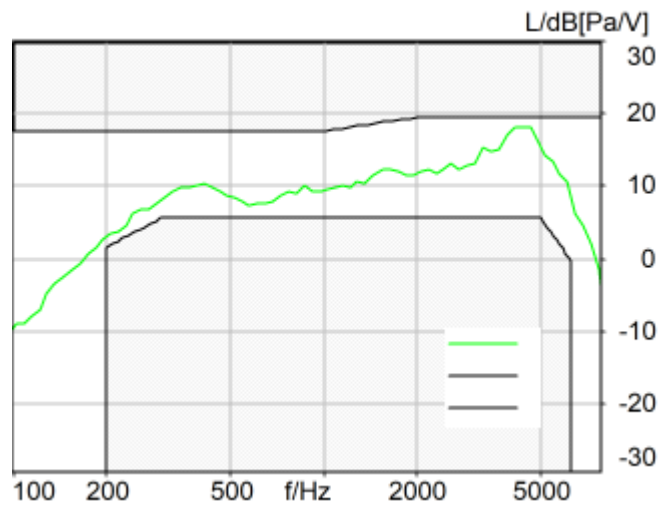
Absolute minimal distance
2.36 dB at 205.7 Hz Ok

Ok

4/6/2024 4:17 AM ACQUA 5.1.200

5.3 Frequency Response 2N DF

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



Absolute minimal distance
1.34 dB at 4620.1 Hz Ok

Ok

4/6/2024 4:17 AM ACQUA 5.1.200

Measurement Protocol

Measurement Object	LTE Band 41_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch40620_8N
--------------------	---

Project	420424
Report Generation Date	4/6/2024 12:30 AM
Responsible Person	AC01-KS

Status Overview

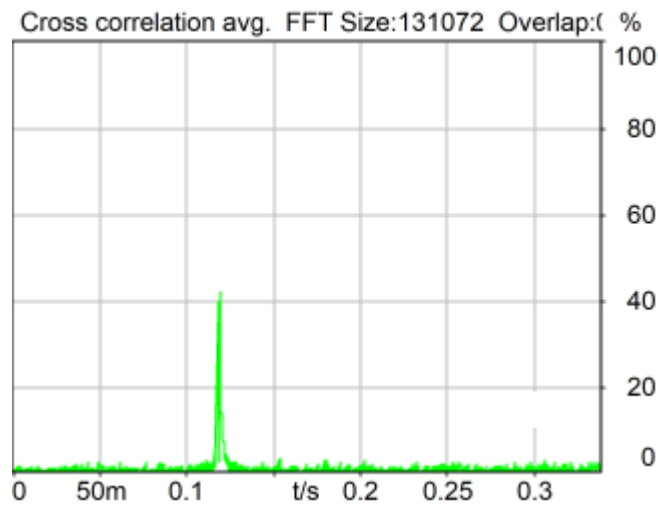
SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	118.8	LTE Band 41_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch40620_8N
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	84.45	LTE Band 41_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch40620_8N
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	25.89	LTE Band 41_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch40620_8N
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	27.10	LTE Band 41_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch40620_8N
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.82	LTE Band 41_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch40620_8N
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.91	LTE Band 41_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch40620_8N
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	36.37	LTE Band 41_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch40620_8N
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	37.53	LTE Band 41_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch40620_8N
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.10	LTE Band 41_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch40620_8N
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.39	LTE Band 41_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch40620_8N
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	37.94	LTE Band 41_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch40620_8N
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.56	LTE Band 41_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch40620_8N
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	34.54	LTE Band 41_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch40620_8N
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.28	LTE Band 41_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch40620_8N
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.77	LTE Band 41_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch40620_8N
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.50	LTE Band 41_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch40620_8N
Report - Receive Distortion	Ok	Minimum SDNR [dB]	25.89	LTE Band

and Noise (Conversational Gain)		, (occured at 250Hz)		41_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch40620_8N
5.3 Frequency Response 8N FF	Ok	Min. dist. to tolerance scheme [dB], 4369.4 Hz	2.26	LTE Band 41_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch40620_8N
5.3 Frequency Response 8N DF	Ok	Min. dist. to tolerance scheme [dB], 4369.4 Hz	1.55	LTE Band 41_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch40620_8N

Overall Receive Delay WB	6
5.1a Receive Volume Control Performance 8N WB	7
5.2 RCV Distortion and Noise - 250 Hz WB	8
5.2 RCV Distortion and Noise - 315 Hz WB	9
5.2 RCV Distortion and Noise - 400 Hz WB	10
5.2 RCV Distortion and Noise - 500 Hz WB	11
5.2 RCV Distortion and Noise - 630 Hz WB	12
5.2 RCV Distortion and Noise - 800 Hz WB	13
5.2 RCV Distortion and Noise - 1000 Hz WB	14
5.2 RCV Distortion and Noise - 1250 Hz WB	15
5.2 RCV Distortion and Noise - 1600 Hz WB	16
5.2 RCV Distortion and Noise - 2000 Hz WB	17
5.2 RCV Distortion and Noise - 2500 Hz WB	18
5.2 RCV Distortion and Noise - 3150 Hz WB	19
5.2 RCV Distortion and Noise - 4000 Hz WB	20
5.2 RCV Distortion and Noise - 5000 Hz WB	21
Report - Receive Distortion and Noise (Conversational Gain)	22
5.3 Frequency Response 8N FF	23
5.3 Frequency Response 8N DF	24

Overall Receive Delay WB

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

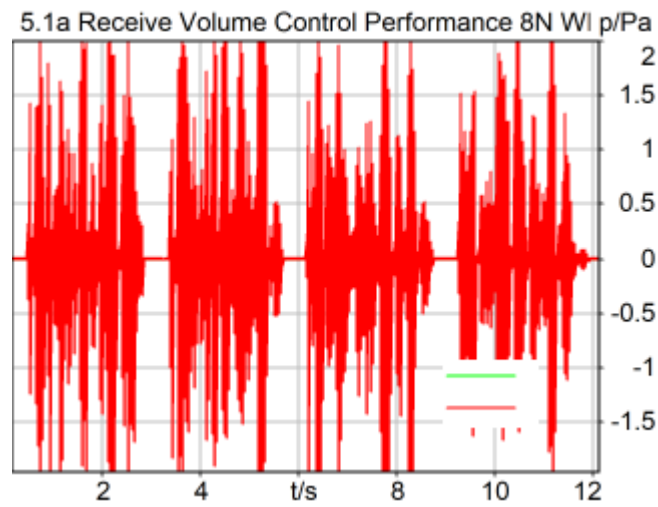


Delay (Cross): 118.8 ms

4/6/2024 12:22 AM ACQUA 5.1.200

5.1a Receive Volume Control Performance 8N WB

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



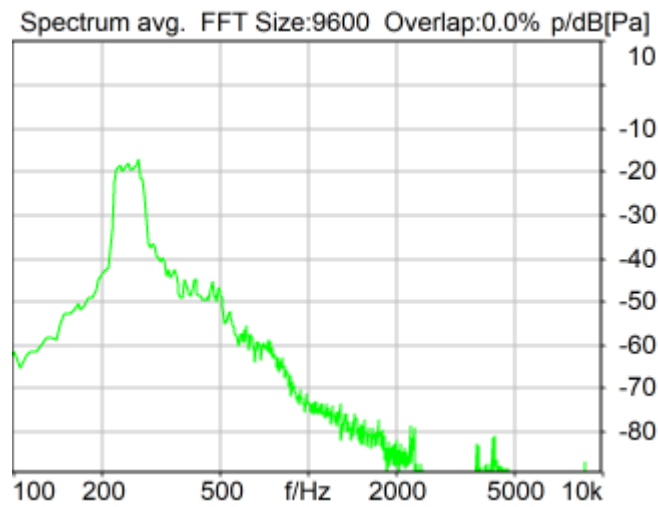
Speech Level RCV: 84.45 dB[SPL], Act.: 85.51% Ok

Ok

4/6/2024 12:23 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 250 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



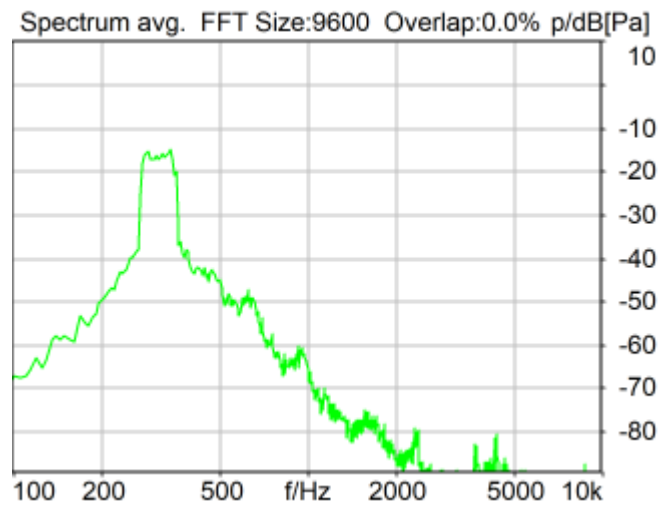
Distortion (Noise) RCV (packed): 25.89 dB (5.08%) Ok

Ok

4/6/2024 12:23 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 315 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



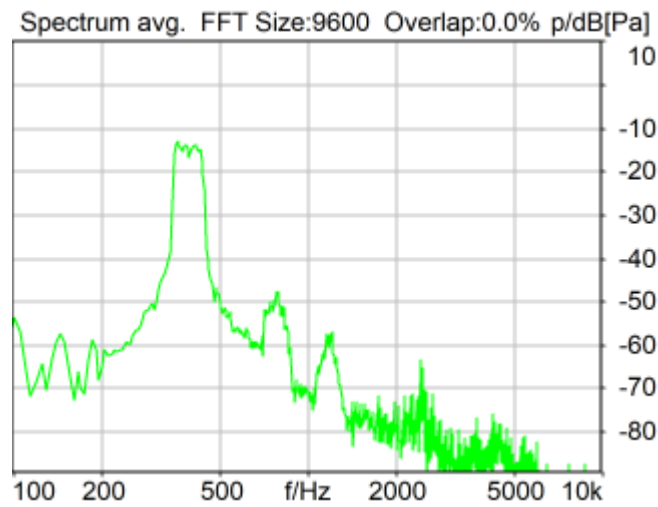
Distortion (Noise) RCV (packed): 27.10 dB (4.41%) Ok

Ok

4/6/2024 12:23 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 400 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



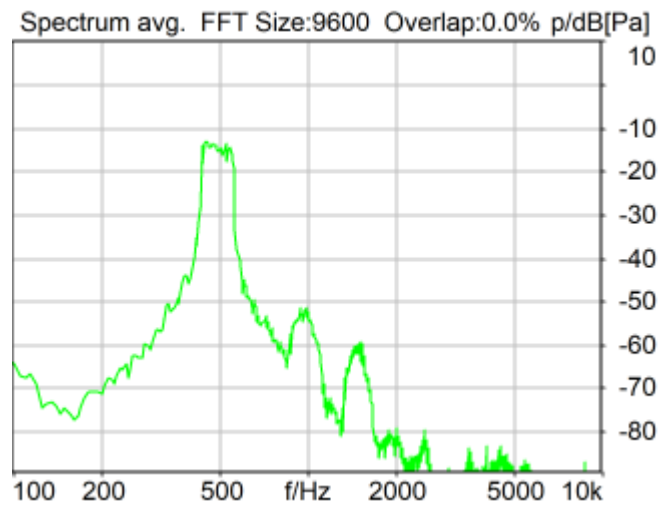
Distortion (Noise) RCV (packed): 32.82 dB (2.29%) Ok

Ok

4/6/2024 12:24 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 500 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



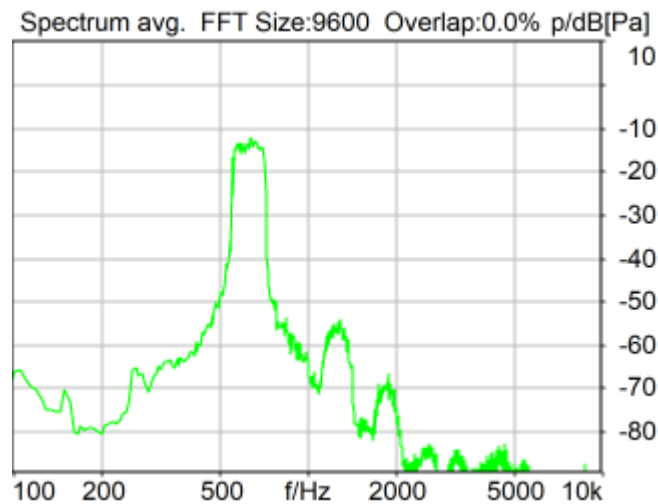
Distortion (Noise) RCV (packed): 32.91 dB (2.26%) Ok

Ok

4/6/2024 12:24 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 630 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



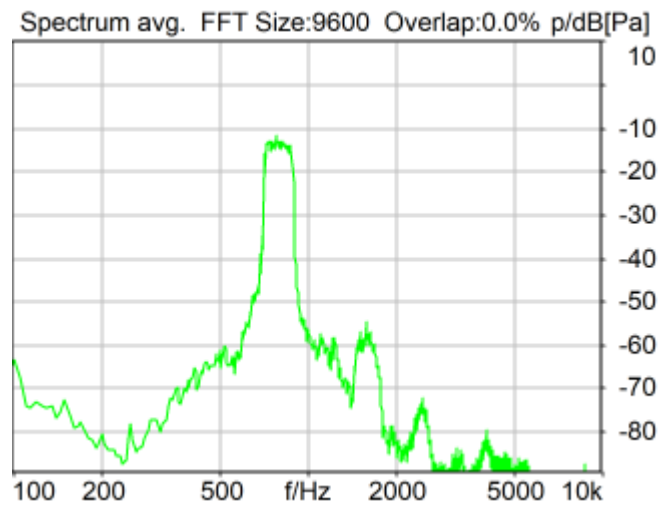
Distortion (Noise) RCV (packed): 36.37 dB (1.52%) Ok

Ok

4/6/2024 12:25 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 800 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



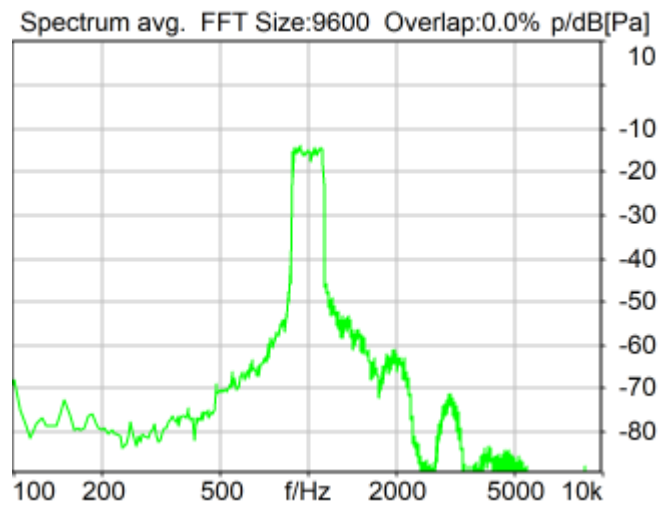
Distortion (Noise) RCV (packed): 37.53 dB (1.33%) Ok

Ok

4/6/2024 12:25 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 1000 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



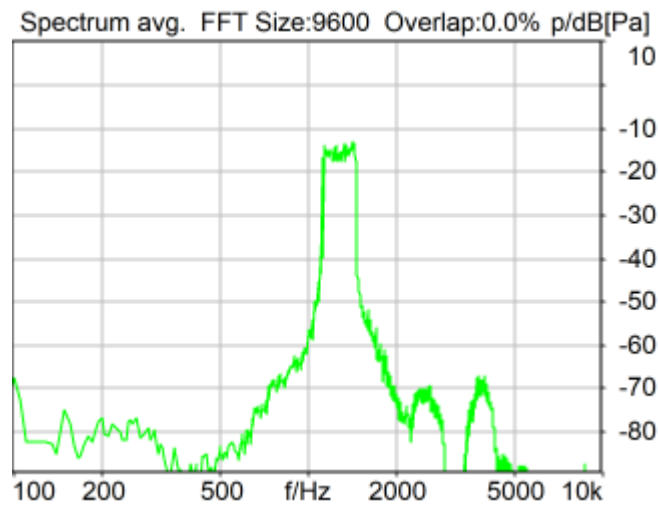
Distortion (Noise) RCV (packed): 35.10 dB (1.76%) Ok

Ok

4/6/2024 12:26 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 1250 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



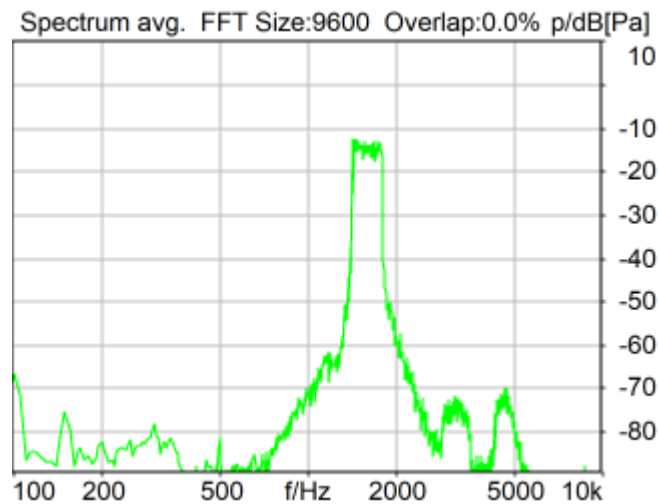
Distortion (Noise) RCV (packed): 31.39 dB (2.70%) Ok

Ok

4/6/2024 12:26 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 1600 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



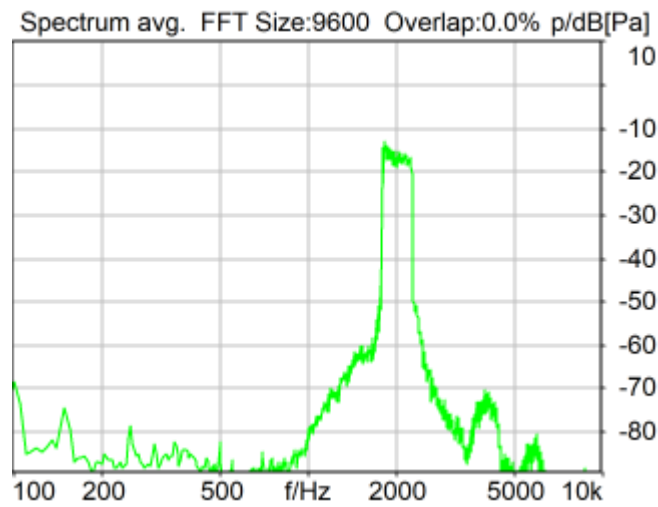
Distortion (Noise) RCV (packed): 37.94 dB (1.27%) Ok

Ok

4/6/2024 12:27 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 2000 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



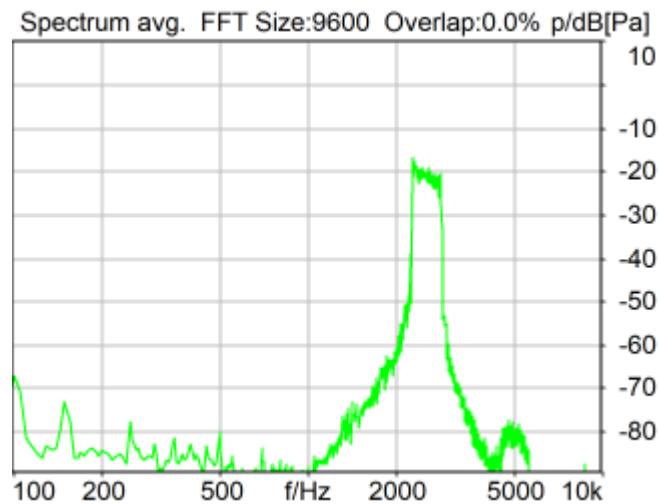
Distortion (Noise) RCV (packed): 38.56 dB (1.18%) Ok

Ok

4/6/2024 12:27 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 2500 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



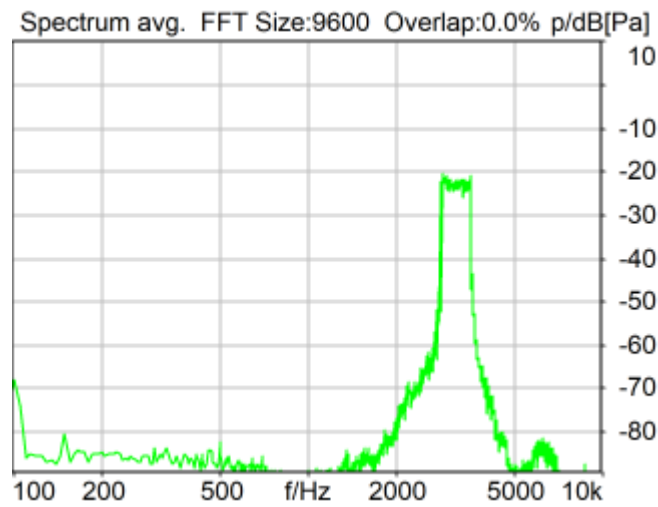
Distortion (Noise) RCV (packed): 34.54 dB (1.87%) Ok

Ok

4/6/2024 12:27 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 3150 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



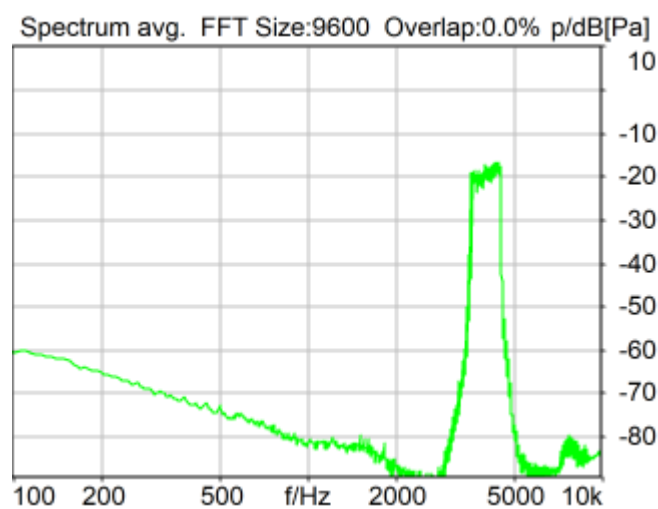
Distortion (Noise) RCV (packed): 33.28 dB (2.17%) Ok

Ok

4/6/2024 12:28 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 4000 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



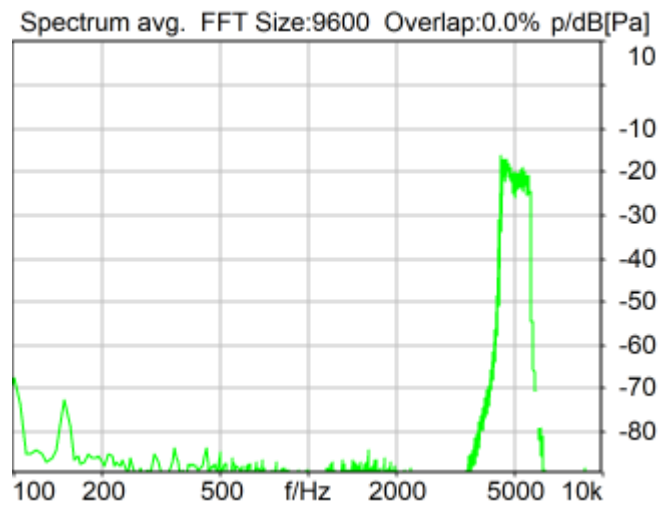
Distortion (Noise) RCV (packed): 32.77 dB (2.30%) Ok

Ok

4/6/2024 12:28 AM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 5000 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N



Distortion (Noise) RCV (packed): 33.50 dB (2.11%) Ok

Ok

4/6/2024 12:29 AM ACQUA 5.1.200

Report - Receive Distortion and Noise (Conversational Gain)

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 8N

Region	Frequency	SDNR
1	250Hz	25.89 dB
2	315Hz	27.10 dB
3	400Hz	32.82 dB
4	500Hz	32.91 dB
5	630Hz	36.37 dB
6	800Hz	37.53 dB
7	1000Hz	35.10 dB
8	1250Hz	31.39 dB
9	1600Hz	37.94 dB
10	2000Hz	38.56 dB
11	2500Hz	34.54 dB
12	3150Hz	33.28 dB
13	4000Hz	32.77 dB
14	5000Hz	33.50 dB

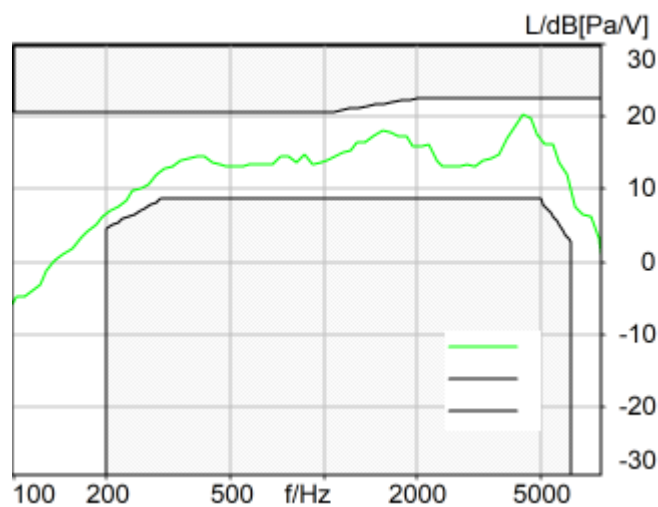
All SDNRs were greater than 20.0 dB, requirement was met.

Smallest SDNR was 25.89dB at 250Hz.

4/6/2024 12:29 AM ACQUA

5.3 Frequency Response 8N FF

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



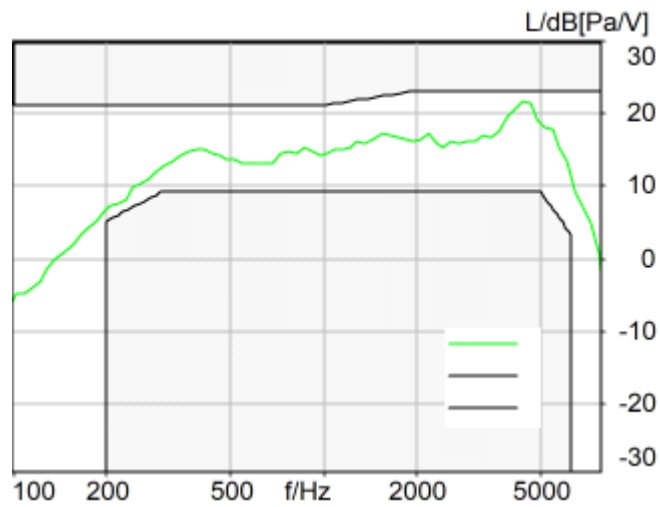
Absolute minimal distance
2.26 dB at 4369.4 Hz Ok

Ok

4/6/2024 12:29 AM ACQUA 5.1.200

5.3 Frequency Response 8N DF

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



Absolute minimal distance
1.55 dB at 4369.4 Hz Ok

Ok

4/6/2024 12:29 AM ACQUA 5.1.200

Measurement Protocol

Measurement Object	WLAN5GHz_802.11a 6Mbps_EVS WB 13.2kbps_Ch60_2N
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Project	420424
Report Generation Date	4/15/2024 10:59 PM
Responsible Person	AC01-KS

Status Overview

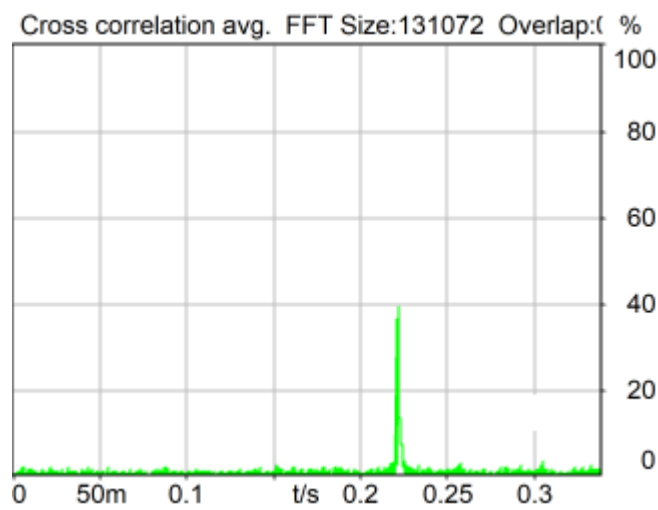
SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	222.1	WLAN5GHz_802.11a 6Mbps_EVS WB 13. 2kbps_Ch60_2N
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	79.92	WLAN5GHz_802.11a 6Mbps_EVS WB 13. 2kbps_Ch60_2N
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	27.03	WLAN5GHz_802.11a 6Mbps_EVS WB 13. 2kbps_Ch60_2N
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	27.95	WLAN5GHz_802.11a 6Mbps_EVS WB 13. 2kbps_Ch60_2N
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.70	WLAN5GHz_802.11a 6Mbps_EVS WB 13. 2kbps_Ch60_2N
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	29.34	WLAN5GHz_802.11a 6Mbps_EVS WB 13. 2kbps_Ch60_2N
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	29.56	WLAN5GHz_802.11a 6Mbps_EVS WB 13. 2kbps_Ch60_2N
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.55	WLAN5GHz_802.11a 6Mbps_EVS WB 13. 2kbps_Ch60_2N
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	25.64	WLAN5GHz_802.11a 6Mbps_EVS WB 13. 2kbps_Ch60_2N
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	21.63	WLAN5GHz_802.11a 6Mbps_EVS WB 13. 2kbps_Ch60_2N
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.75	WLAN5GHz_802.11a 6Mbps_EVS WB 13. 2kbps_Ch60_2N
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	30.95	WLAN5GHz_802.11a 6Mbps_EVS WB 13. 2kbps_Ch60_2N
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.91	WLAN5GHz_802.11a 6Mbps_EVS WB 13. 2kbps_Ch60_2N
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	30.79	WLAN5GHz_802.11a 6Mbps_EVS WB 13. 2kbps_Ch60_2N
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.84	WLAN5GHz_802.11a 6Mbps_EVS WB 13. 2kbps_Ch60_2N
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	34.27	WLAN5GHz_802.11a 6Mbps_EVS WB 13. 2kbps_Ch60_2N
Report - Receive Distortion	Ok	Minimum SDNR [dB],	21.63	WLAN5GHz_802.11a

and Noise (Conversational Gain)		(occured at 1250Hz)		6Mbps_EVS WB 13. 2kbps_Ch60_2N
5.3 Frequency Response 2N FF	Ok	Min. dist. to tolerance scheme [dB], 4369.4 Hz	1.43	WLAN5GHz_802.11a 6Mbps_EVS WB 13. 2kbps_Ch60_2N
5.3 Frequency Response 2N DF	Not Ok	Min. dist. to tolerance scheme [dB], 4369.4 Hz	-0.51	WLAN5GHz_802.11a 6Mbps_EVS WB 13. 2kbps_Ch60_2N

Overall Receive Delay WB	6
5.1b Receive Volume Control Performance 2N WB	7
5.2 RCV Distortion and Noise - 250 Hz WB	8
5.2 RCV Distortion and Noise - 315 Hz WB	9
5.2 RCV Distortion and Noise - 400 Hz WB	10
5.2 RCV Distortion and Noise - 500 Hz WB	11
5.2 RCV Distortion and Noise - 630 Hz WB	12
5.2 RCV Distortion and Noise - 800 Hz WB	13
5.2 RCV Distortion and Noise - 1000 Hz WB	14
5.2 RCV Distortion and Noise - 1250 Hz WB	15
5.2 RCV Distortion and Noise - 1600 Hz WB	16
5.2 RCV Distortion and Noise - 2000 Hz WB	17
5.2 RCV Distortion and Noise - 2500 Hz WB	18
5.2 RCV Distortion and Noise - 3150 Hz WB	19
5.2 RCV Distortion and Noise - 4000 Hz WB	20
5.2 RCV Distortion and Noise - 5000 Hz WB	21
Report - Receive Distortion and Noise (Conversational Gain)	22
5.3 Frequency Response 2N FF	23
5.3 Frequency Response 2N DF	24

Overall Receive Delay WB

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

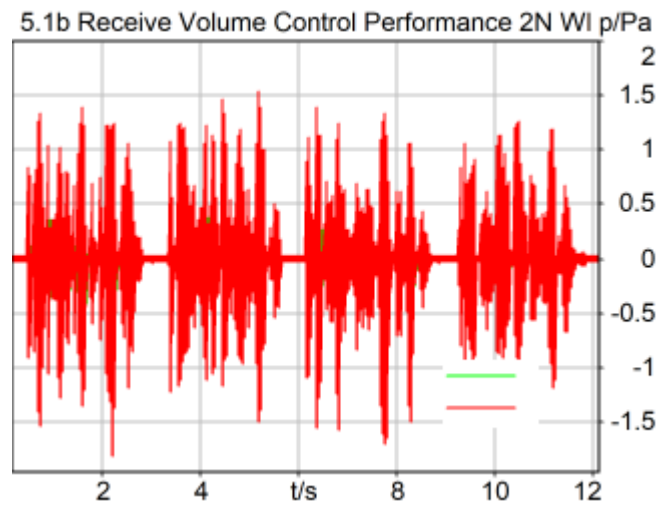


Delay (Cross): 222.1 ms

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5.1b Receive Volume Control Performance 2N WB

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



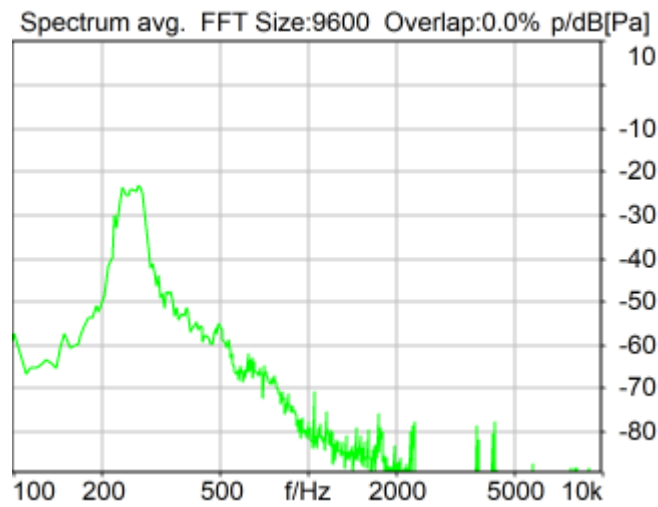
Speech Level RCV: 79.92 dB[SPL], Act.: 85.30% Ok

Ok

4/15/2024 10:52 PM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 250 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



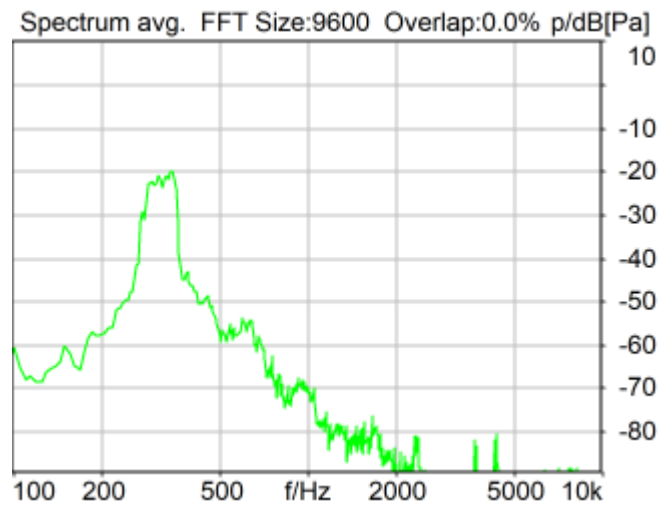
Distortion (Noise) RCV (packed): 27.03 dB (4.45%) Ok

Ok

4/15/2024 10:53 PM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 315 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



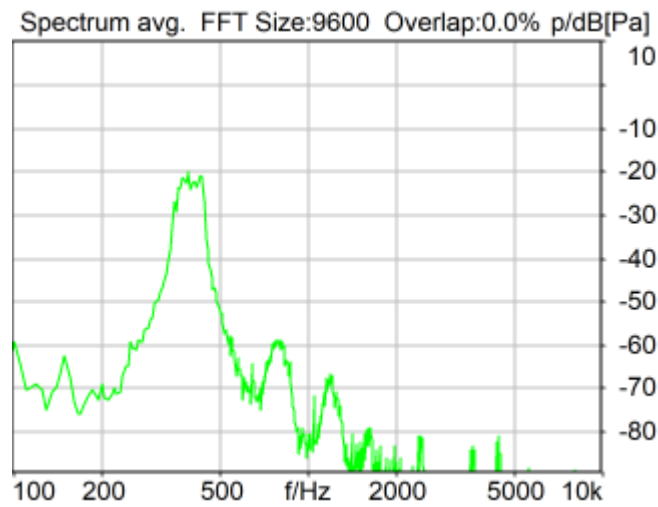
Distortion (Noise) RCV (packed): 27.95 dB (4.01%) Ok

Ok

4/15/2024 10:53 PM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 400 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



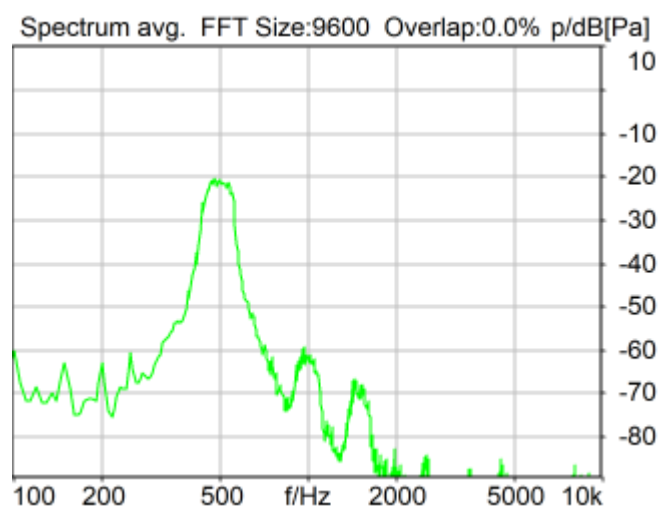
Distortion (Noise) RCV (packed): 31.70 dB (2.60%) Ok

Ok

4/15/2024 10:53 PM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 500 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



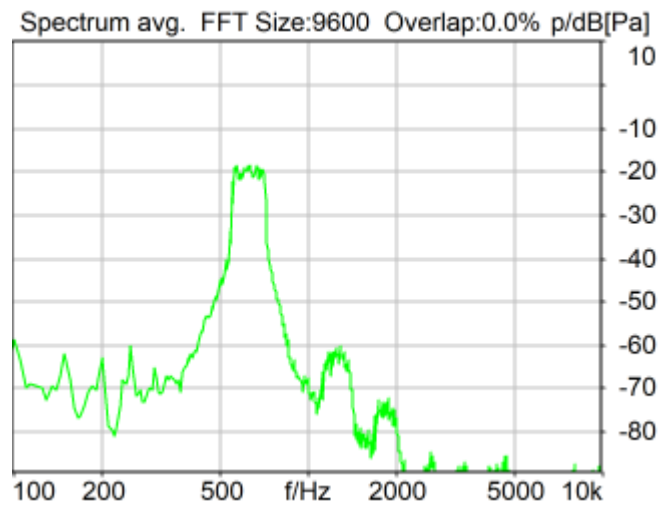
Distortion (Noise) RCV (packed): 29.34 dB (3.41%) Ok

Ok

4/15/2024 10:54 PM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 630 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



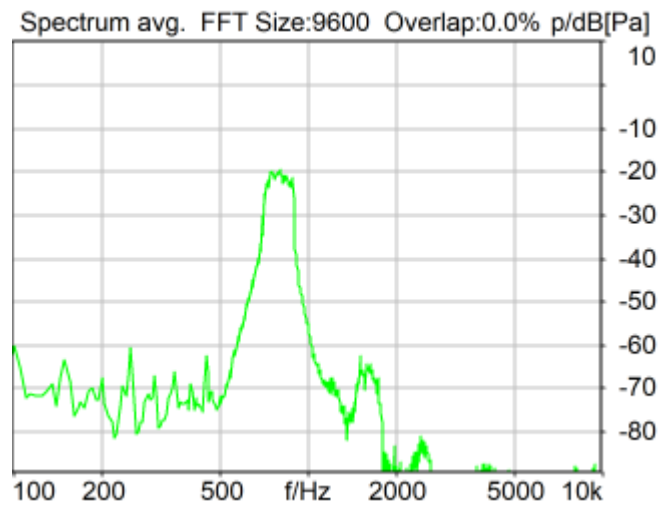
Distortion (Noise) RCV (packed): 29.56 dB (3.33%) Ok

Ok

4/15/2024 10:54 PM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 800 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



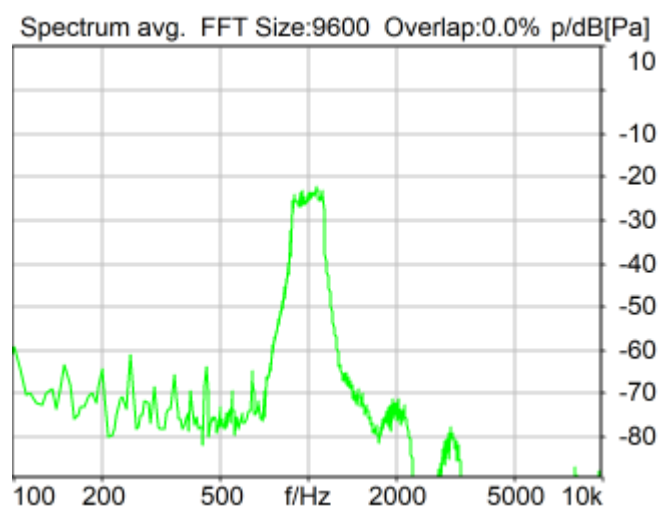
Distortion (Noise) RCV (packed): 28.55 dB (3.74%) Ok

Ok

4/15/2024 10:55 PM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 1000 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



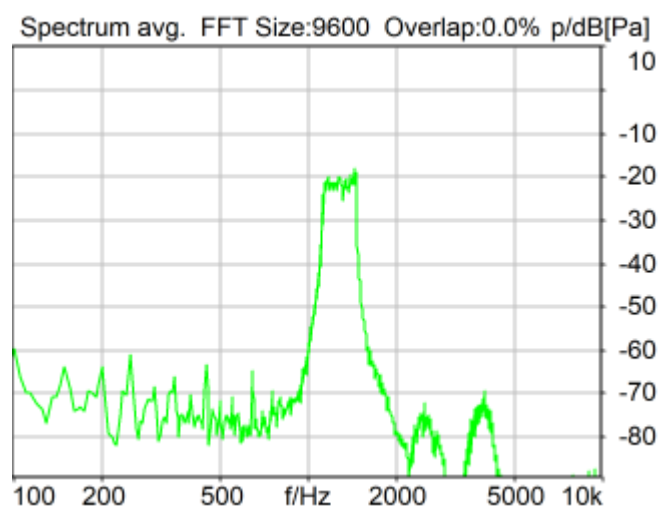
Distortion (Noise) RCV (packed): 25.64 dB (5.23%) Ok

Ok

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5.2 RCV Distortion and Noise - 1250 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



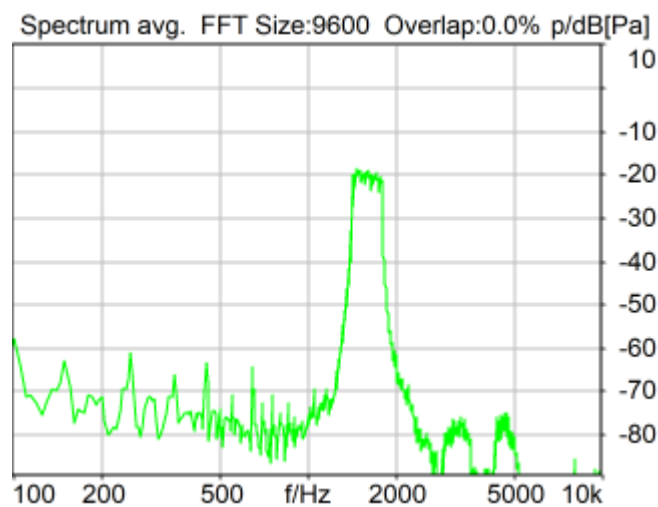
Distortion (Noise) RCV (packed): 21.63 dB (8.29%) Ok

Ok

4/15/2024 10:56 PM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 1600 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



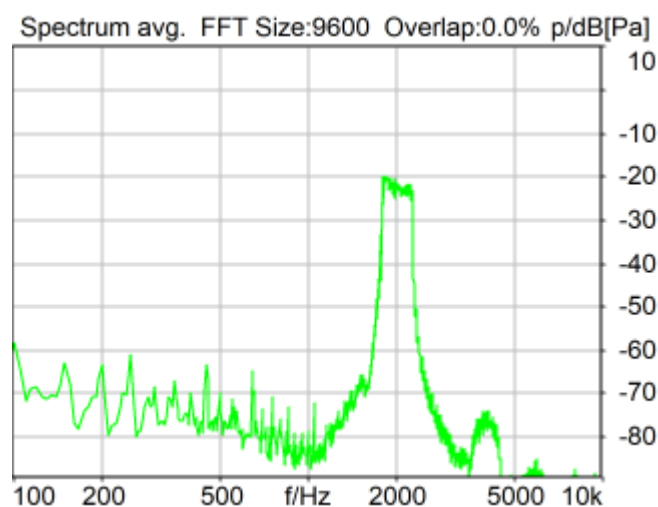
Distortion (Noise) RCV (packed): 31.75 dB (2.59%) Ok

Ok

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5.2 RCV Distortion and Noise - 2000 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



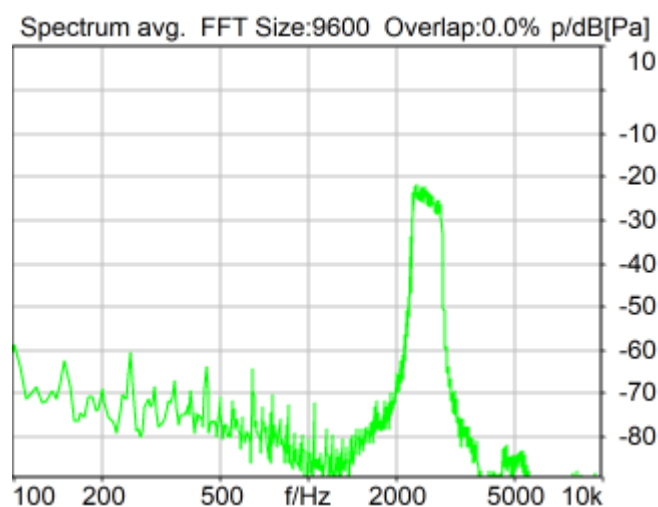
Distortion (Noise) RCV (packed): 30.95 dB (2.83%) Ok

Ok

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5.2 RCV Distortion and Noise - 2500 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



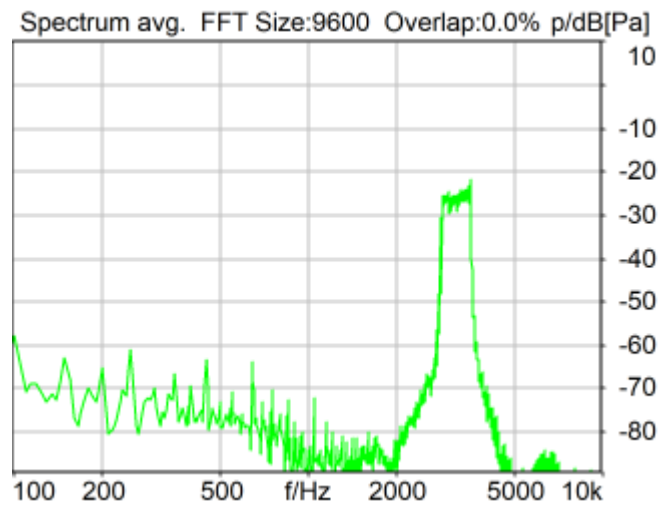
Distortion (Noise) RCV (packed): 31.91 dB (2.54%) Ok

Ok

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5.2 RCV Distortion and Noise - 3150 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



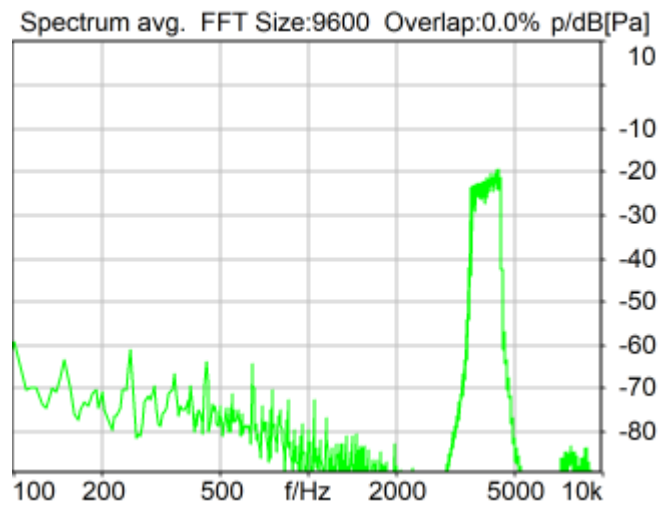
Distortion (Noise) RCV (packed): 30.79 dB (2.89%) Ok

Ok

4/15/2024 10:57 PM ACQUA 5.1.200

5.2 RCV Distortion and Noise - 4000 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



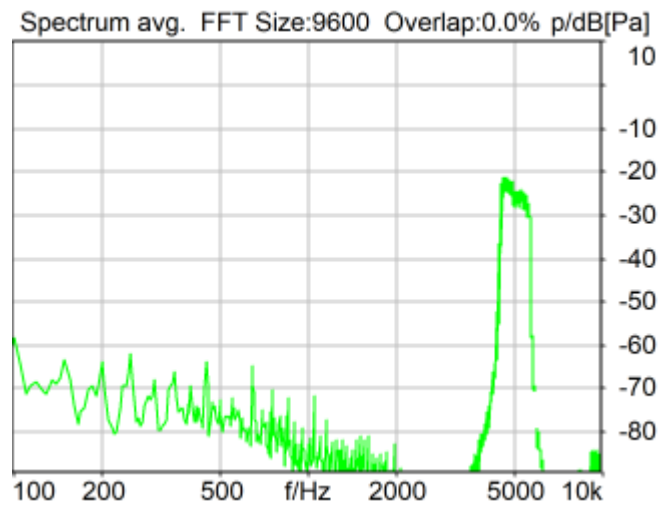
Distortion (Noise) RCV (packed): 31.84 dB (2.56%) Ok

Ok

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5.2 RCV Distortion and Noise - 5000 Hz WB

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N



Distortion (Noise) RCV (packed): 34.27 dB (1.93%) Ok

Ok

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Report - Receive Distortion and Noise (Conversational Gain)

TIA-5050 (2018-01) \ Measurements \ Wideband \ 5.2 Receive Distortion and Noise 2N

Region	Frequency	SDNR
1	250Hz	27.03 dB
2	315Hz	27.95 dB
3	400Hz	31.70 dB
4	500Hz	29.34 dB
5	630Hz	29.56 dB
6	800Hz	28.55 dB
7	1000Hz	25.64 dB
8	1250Hz	21.63 dB
9	1600Hz	31.75 dB
10	2000Hz	30.95 dB
11	2500Hz	31.91 dB
12	3150Hz	30.79 dB
13	4000Hz	31.84 dB
14	5000Hz	34.27 dB

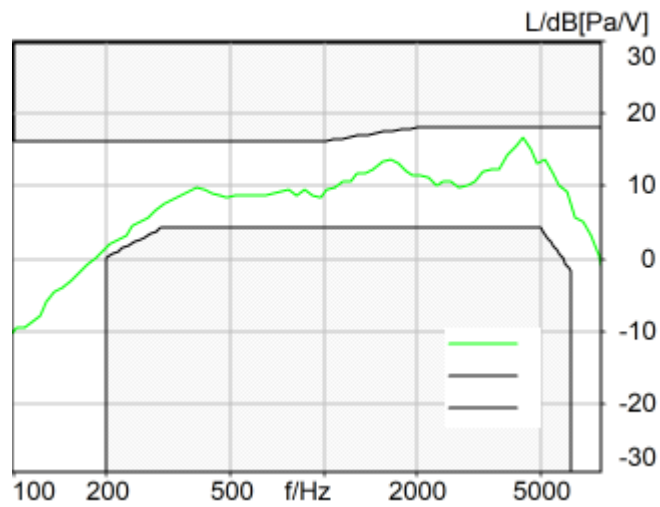
All SDNRs were greater than 20.0 dB, requirement was met.

Smallest SDNR was 21.63dB at 1250Hz.

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5.3 Frequency Response 2N FF

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



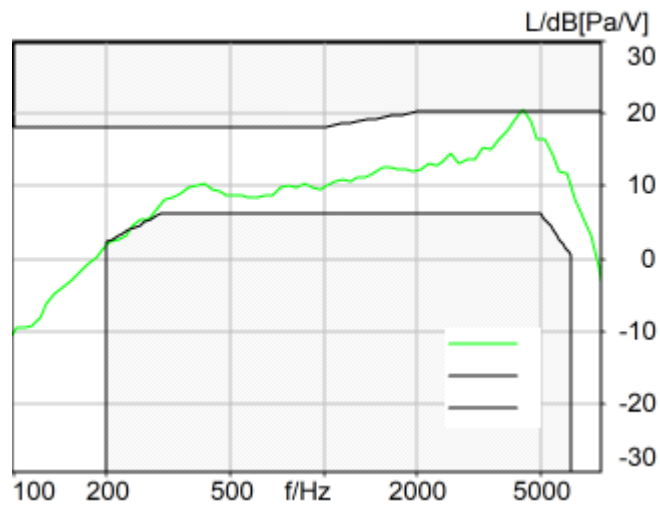
Absolute minimal distance
1.43 dB at 4369.4 Hz Ok

Ok

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5.3 Frequency Response 2N DF

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



Absolute minimal distance
-0.51 dB at 4369.4 Hz Not Ok

Not Ok

4/15/2024 10:59 PM ACQUA 5.1.200