
Measurement Protocol

Measurement Object	LTE Band 71_20M_QPSK_1RB_0Offset_EVS NB 24.4kbps_Ch133297_2N
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Project	5O1021
Report Generation Date	25/10/29 11:56
Responsible Person	AC01-KS

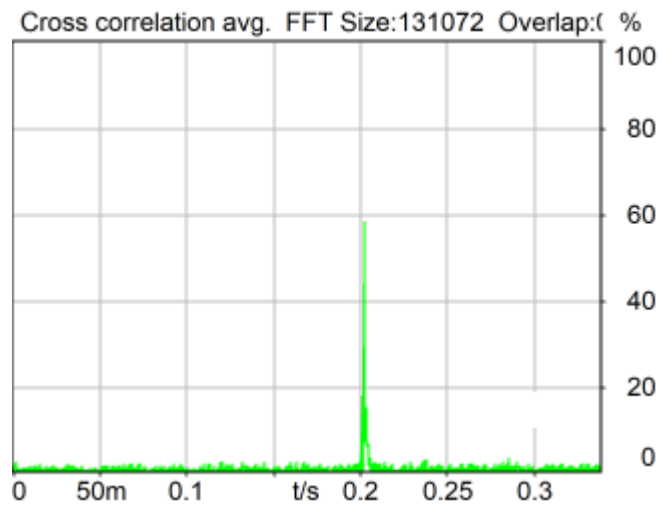
Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	202.1	LTE Band 71_20M_QPSK_1RB_0Offset_EV S NB 24.4kbps_Ch133297_2N
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	84.61	LTE Band 71_20M_QPSK_1RB_0Offset_EV S NB 24.4kbps_Ch133297_2N
5.2 RCV Distortion and Noise - 400 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	25.60	LTE Band 71_20M_QPSK_1RB_0Offset_EV S NB 24.4kbps_Ch133297_2N
5.2 RCV Distortion and Noise - 500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	25.77	LTE Band 71_20M_QPSK_1RB_0Offset_EV S NB 24.4kbps_Ch133297_2N
5.2 RCV Distortion and Noise - 630 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	33.54	LTE Band 71_20M_QPSK_1RB_0Offset_EV S NB 24.4kbps_Ch133297_2N
5.2 RCV Distortion and Noise - 800 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	32.62	LTE Band 71_20M_QPSK_1RB_0Offset_EV S NB 24.4kbps_Ch133297_2N
5.2 RCV Distortion and Noise - 1000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	32.53	LTE Band 71_20M_QPSK_1RB_0Offset_EV S NB 24.4kbps_Ch133297_2N
5.2 RCV Distortion and Noise - 1250 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	21.10	LTE Band 71_20M_QPSK_1RB_0Offset_EV S NB 24.4kbps_Ch133297_2N
5.2 RCV Distortion and Noise - 1600 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	32.10	LTE Band 71_20M_QPSK_1RB_0Offset_EV S NB 24.4kbps_Ch133297_2N
5.2 RCV Distortion and Noise - 2000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	29.54	LTE Band 71_20M_QPSK_1RB_0Offset_EV S NB 24.4kbps_Ch133297_2N
5.2 RCV Distortion and Noise - 2500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	33.48	LTE Band 71_20M_QPSK_1RB_0Offset_EV S NB 24.4kbps_Ch133297_2N
5.2 RCV Distortion and Noise - 3150 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	33.20	LTE Band 71_20M_QPSK_1RB_0Offset_EV S NB 24.4kbps_Ch133297_2N
Report - Receive Distortion and Noise (Conversational Gain)	Ok	Minimum SDNR [dB], (occured at 1250Hz)	21.10	LTE Band 71_20M_QPSK_1RB_0Offset_EV S NB 24.4kbps_Ch133297_2N
5.3 Frequency Response 2N FF HANB	Ok	Min. dist. to tolerance scheme [dB], 1547.5 Hz	0.51	LTE Band 71_20M_QPSK_1RB_0Offset_EV S NB 24.4kbps_Ch133297_2N
5.3 Frequency Response 2N DF HANB	Ok	Min. dist. to tolerance scheme [dB], 1447.5 Hz	0.95	LTE Band 71_20M_QPSK_1RB_0Offset_EV S NB 24.4kbps_Ch133297_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

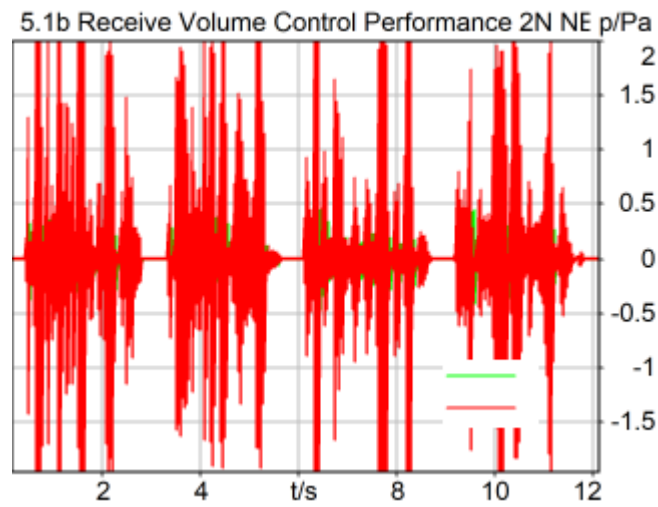


Delay (Cross): 202.1 ms

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5.1b Receive Volume Control Performance 2N NB

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



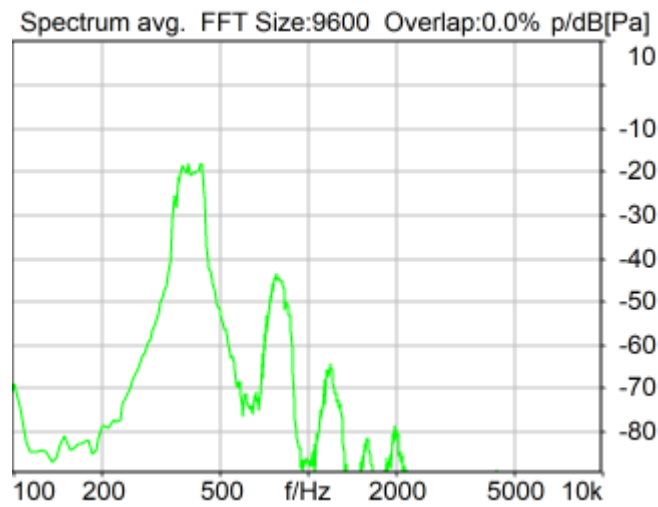
Speech Level RCV: 84.61 dB[SPL], Act.: 81.80% Ok

Ok

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5.2 RCV Distortion and Noise - 400 Hz NB

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



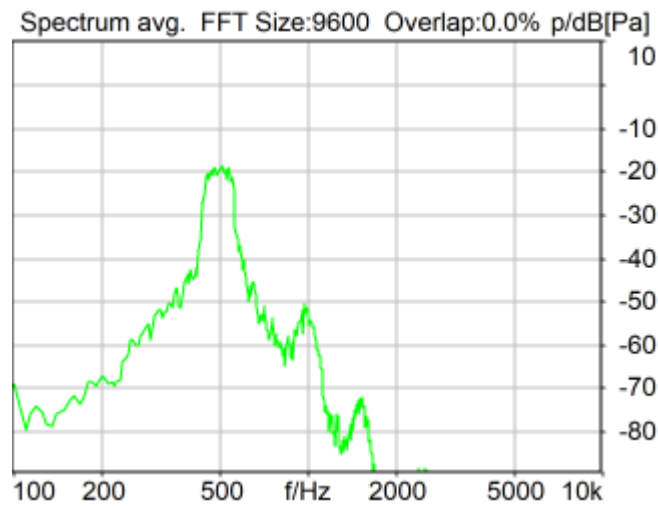
Distortion (Noise) RCV (packed): 25.60 dB (5.25%) Ok

Ok

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5.2 RCV Distortion and Noise - 500 Hz NB

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



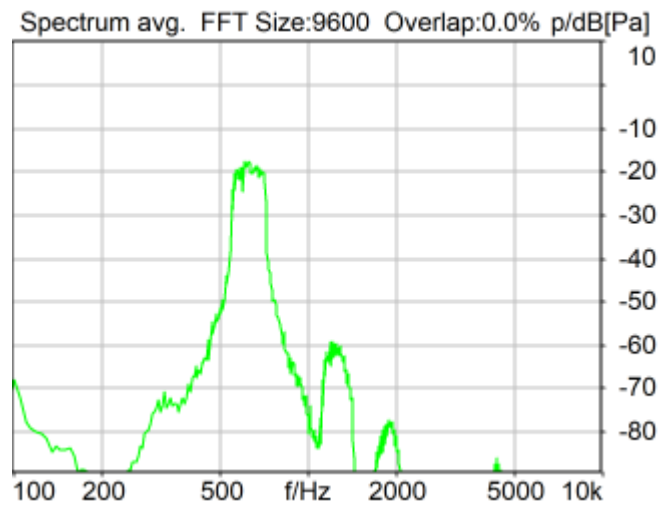
Distortion (Noise) RCV (packed): 25.77 dB (5.15%) Ok

Ok

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5.2 RCV Distortion and Noise - 630 Hz NB

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



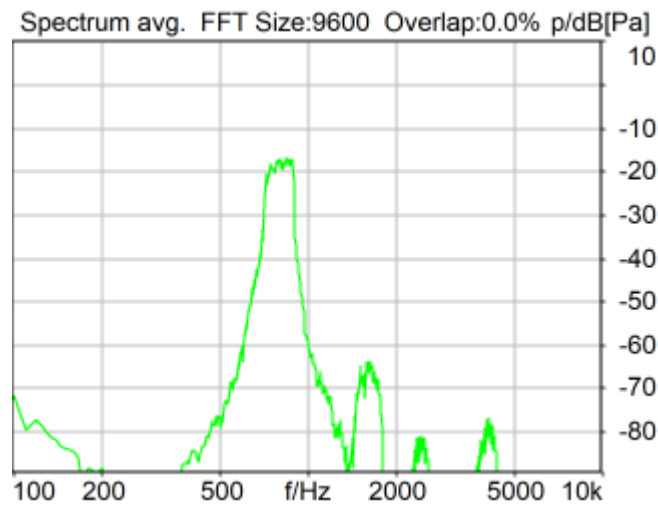
Distortion (Noise) RCV (packed): 33.54 dB (2.10%) Ok

Ok

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5.2 RCV Distortion and Noise - 800 Hz NB

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



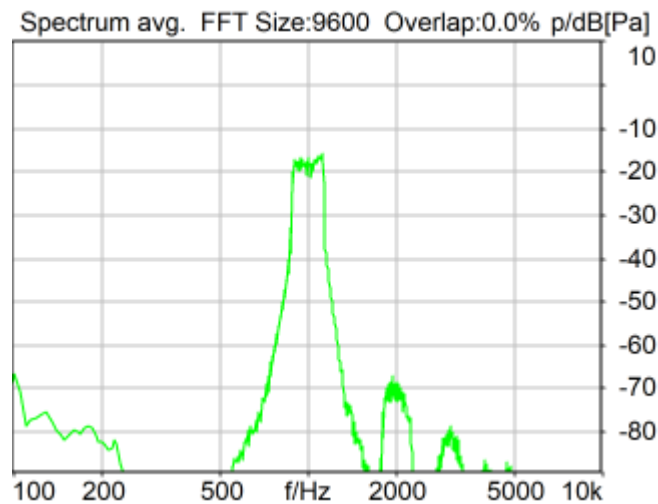
Distortion (Noise) RCV (packed): 32.62 dB (2.34%) Ok

Ok

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5.2 RCV Distortion and Noise - 1000 Hz NB

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



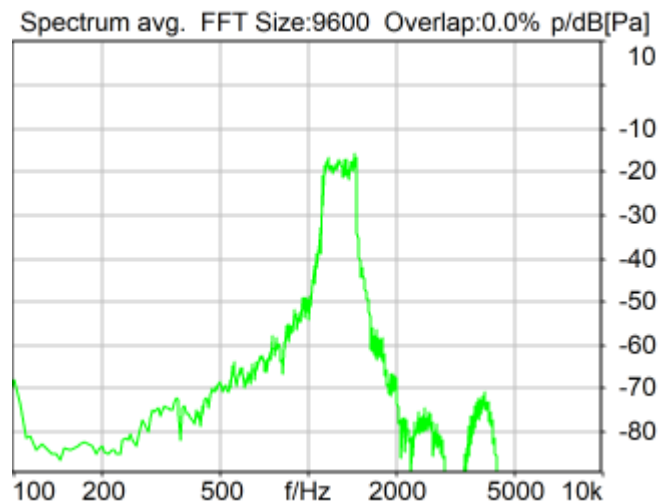
Distortion (Noise) RCV (packed): 32.53 dB (2.36%) Ok

Ok

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5.2 RCV Distortion and Noise - 1250 Hz NB

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



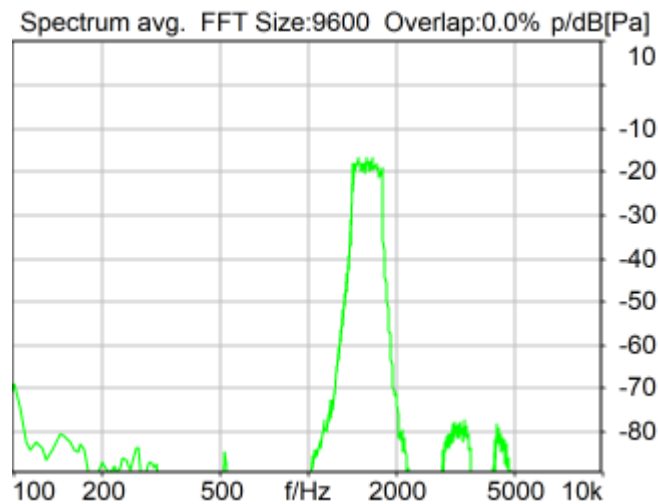
Distortion (Noise) RCV (packed): 21.10 dB (8.81%) Ok

Ok

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5.2 RCV Distortion and Noise - 1600 Hz NB

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



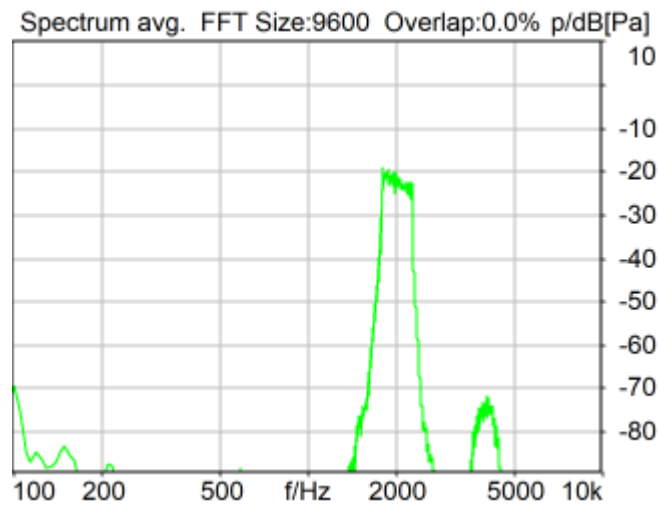
Distortion (Noise) RCV (packed): 32.10 dB (2.48%) Ok

Ok

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5.2 RCV Distortion and Noise - 2000 Hz NB

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



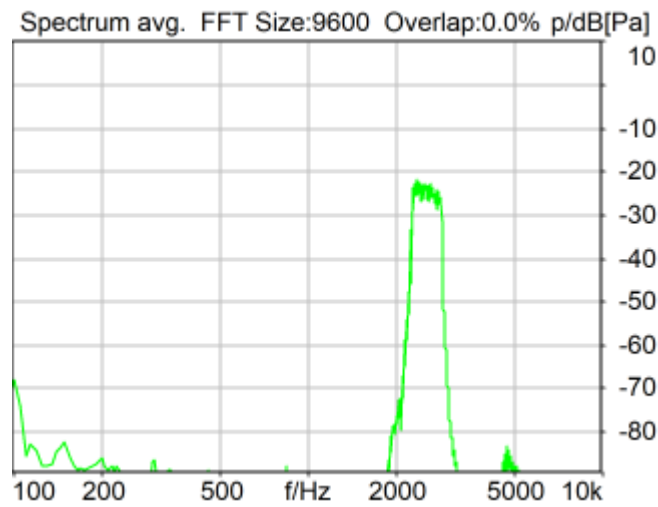
Distortion (Noise) RCV (packed): 29.54 dB (3.33%) Ok

Ok

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5.2 RCV Distortion and Noise - 2500 Hz NB

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



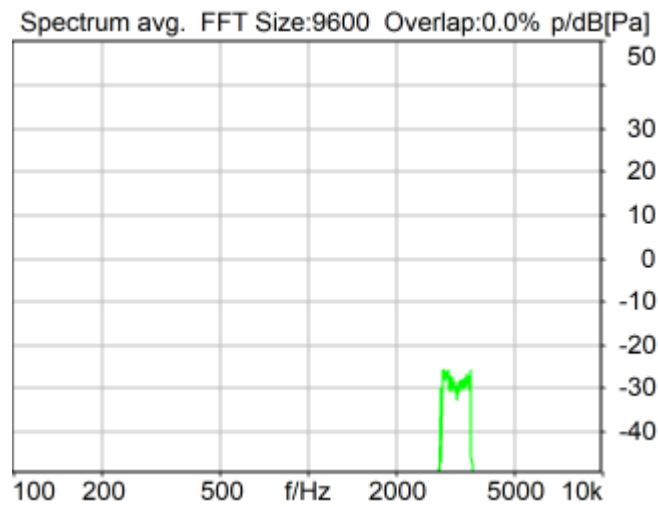
Distortion (Noise) RCV (packed): 33.48 dB (2.12%) Ok

Ok

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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): 33.20 dB (2.19%) Ok

Ok

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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	25.60 dB
2	500Hz	25.77 dB
3	630Hz	33.54 dB
4	800Hz	32.62 dB
5	1000Hz	32.53 dB
6	1250Hz	21.10 dB
7	1600Hz	32.10 dB
8	2000Hz	29.54 dB
9	2500Hz	33.48 dB
10	3150Hz	33.20 dB

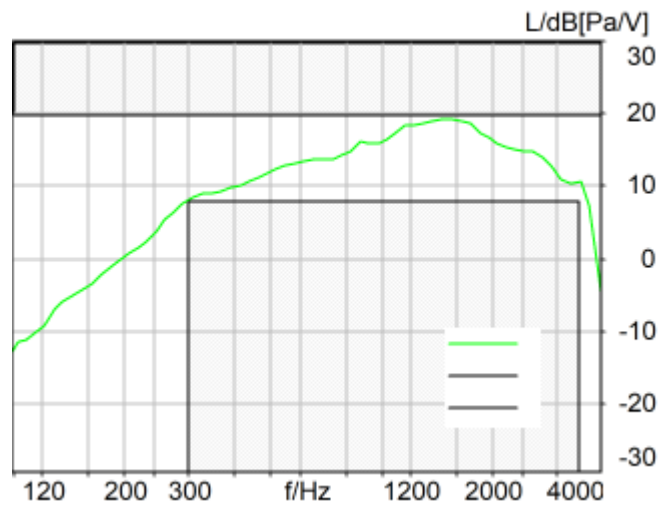
All SDNRs were greater than 20.0 dB, requirement was met.

Smallest SDNR was 21.10dB at 1250Hz.

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5.3 Frequency Response 2N FF HANB

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



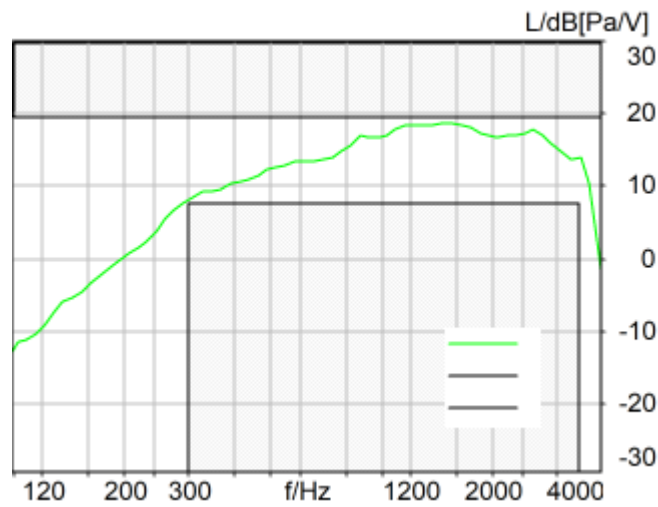
Absolute minimal distance
0.51 dB at 1547.5 Hz Ok

Ok

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5.3 Frequency Response 2N DF HANB

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



Absolute minimal distance
0.95 dB at 1447.5 Hz Ok

Ok

25/10/29 11:55 ACQUA 5.1.200

Measurement Protocol

Measurement Object	WLAN2.4GHz_802.11b 1Mbps_EVS WB 24.4kbps_Ch6_8N
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Project	5O1021
Report Generation Date	25/10/30 9:59
Responsible Person	AC01-KS

Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	226.2	WLAN2.4GHz_802.11b 1Mbps_EVS WB 24. 4kbps_Ch6_8N
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	87.10	WLAN2.4GHz_802.11b 1Mbps_EVS WB 24. 4kbps_Ch6_8N
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	27.59	WLAN2.4GHz_802.11b 1Mbps_EVS WB 24. 4kbps_Ch6_8N
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	25.66	WLAN2.4GHz_802.11b 1Mbps_EVS WB 24. 4kbps_Ch6_8N
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	25.76	WLAN2.4GHz_802.11b 1Mbps_EVS WB 24. 4kbps_Ch6_8N
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	29.74	WLAN2.4GHz_802.11b 1Mbps_EVS WB 24. 4kbps_Ch6_8N
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.47	WLAN2.4GHz_802.11b 1Mbps_EVS WB 24. 4kbps_Ch6_8N
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.90	WLAN2.4GHz_802.11b 1Mbps_EVS WB 24. 4kbps_Ch6_8N
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	26.89	WLAN2.4GHz_802.11b 1Mbps_EVS WB 24. 4kbps_Ch6_8N
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	21.53	WLAN2.4GHz_802.11b 1Mbps_EVS WB 24. 4kbps_Ch6_8N
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	27.16	WLAN2.4GHz_802.11b 1Mbps_EVS WB 24. 4kbps_Ch6_8N
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	23.12	WLAN2.4GHz_802.11b 1Mbps_EVS WB 24. 4kbps_Ch6_8N
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	24.90	WLAN2.4GHz_802.11b 1Mbps_EVS WB 24. 4kbps_Ch6_8N
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.07	WLAN2.4GHz_802.11b 1Mbps_EVS WB 24. 4kbps_Ch6_8N
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	34.40	WLAN2.4GHz_802.11b 1Mbps_EVS WB 24. 4kbps_Ch6_8N
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.57	WLAN2.4GHz_802.11b 1Mbps_EVS WB 24. 4kbps_Ch6_8N
Report - Receive Distortion	Ok	Minimum SDNR [dB],	21.53	WLAN2.4GHz_802.11b

ACQUA Report
4kbps_Ch6_8N

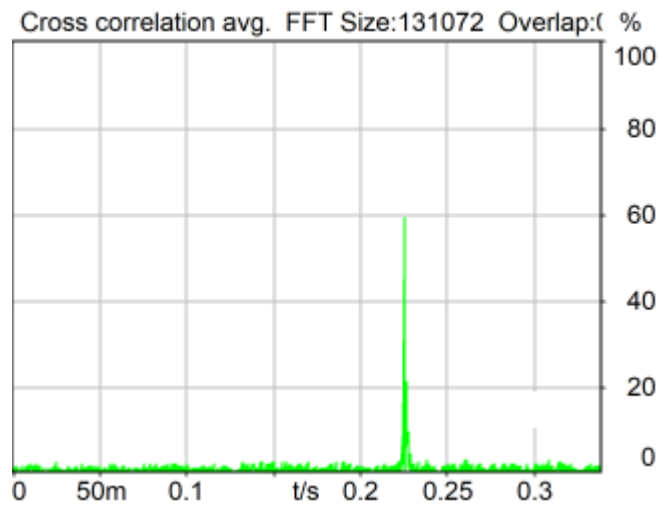
Title: WLAN2.4GHz_802.11b 1Mbps_EVS WB 24.

and Noise (Conversational Gain)		(occured at 1250Hz)		1Mbps_EVS WB 24. 4kbps_Ch6_8N
5.3 Frequency Response 8N FF	Ok	Min. dist. to tolerance scheme [dB], 1285.9 Hz	0.03	WLAN2.4GHz_802.11b 1Mbps_EVS WB 24. 4kbps_Ch6_8N
5.3 Frequency Response 8N DF	Ok	Min. dist. to tolerance scheme [dB], 1088.7 Hz	0.27	WLAN2.4GHz_802.11b 1Mbps_EVS WB 24. 4kbps_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

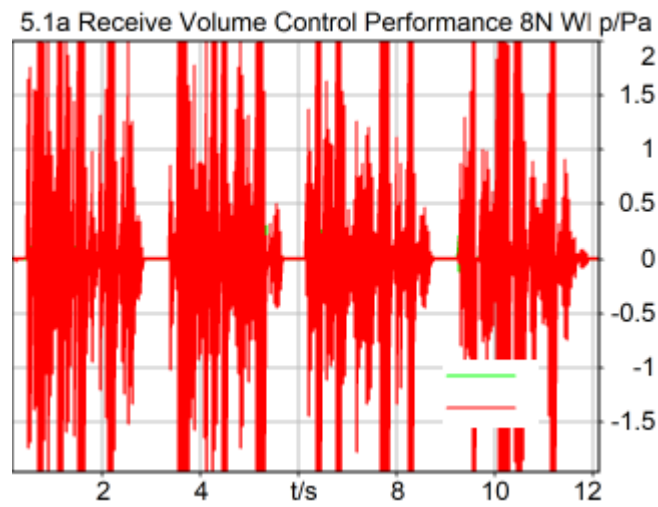


Delay (Cross): 226.2 ms

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5.1a Receive Volume Control Performance 8N WB

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



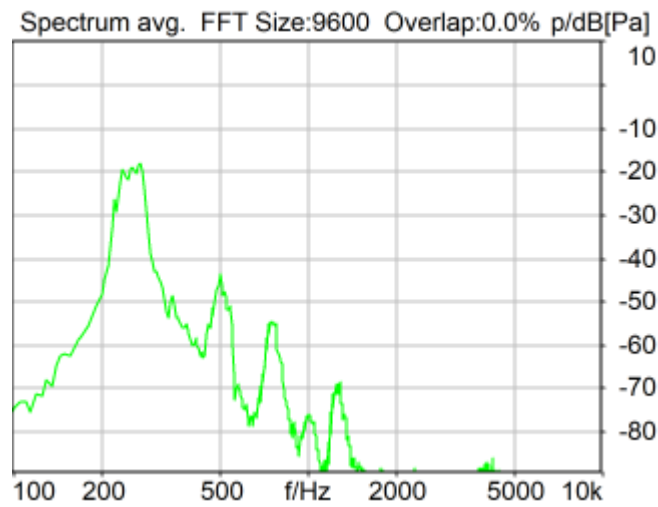
Speech Level RCV: 87.10 dB[SPL], Act.: 84.11% Ok

Ok

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5.2 RCV Distortion and Noise - 250 Hz WB

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



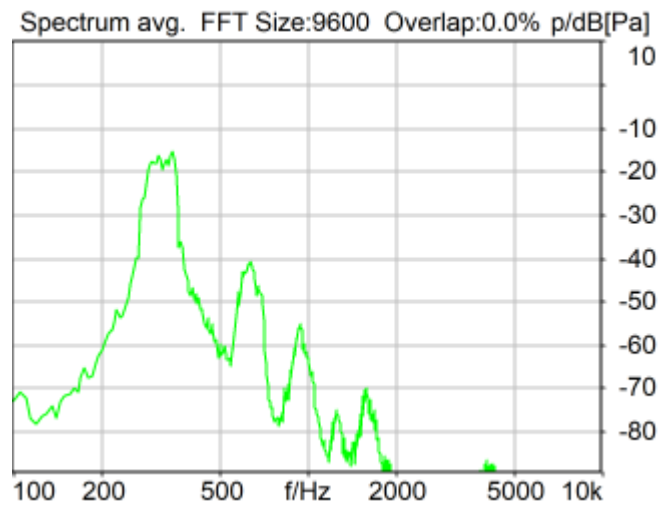
Distortion (Noise) RCV (packed): 27.59 dB (4.17%) Ok

Ok

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5.2 RCV Distortion and Noise - 315 Hz WB

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



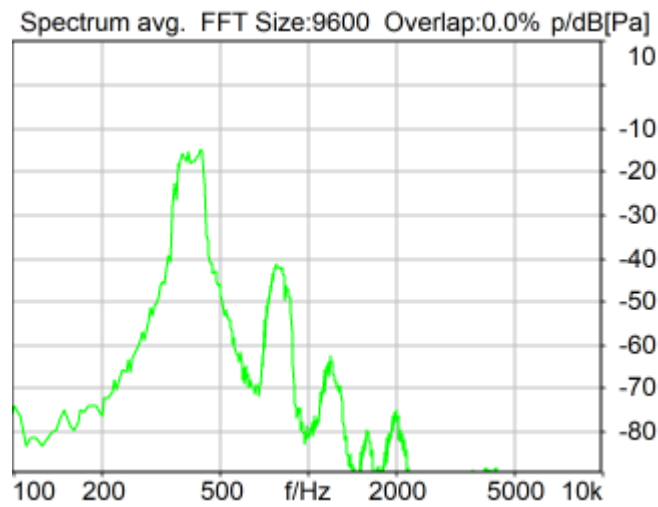
Distortion (Noise) RCV (packed): 25.66 dB (5.21%) Ok

Ok

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5.2 RCV Distortion and Noise - 400 Hz WB

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



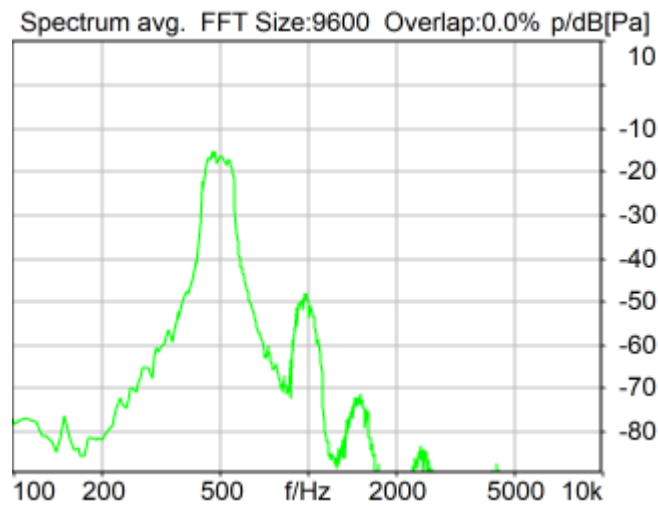
Distortion (Noise) RCV (packed): 25.76 dB (5.15%) Ok

Ok

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5.2 RCV Distortion and Noise - 500 Hz WB

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



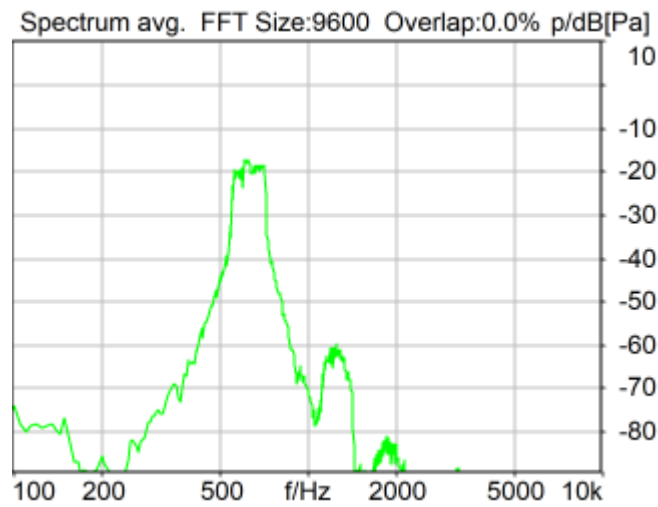
Distortion (Noise) RCV (packed): 29.74 dB (3.26%) Ok

Ok

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5.2 RCV Distortion and Noise - 630 Hz WB

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



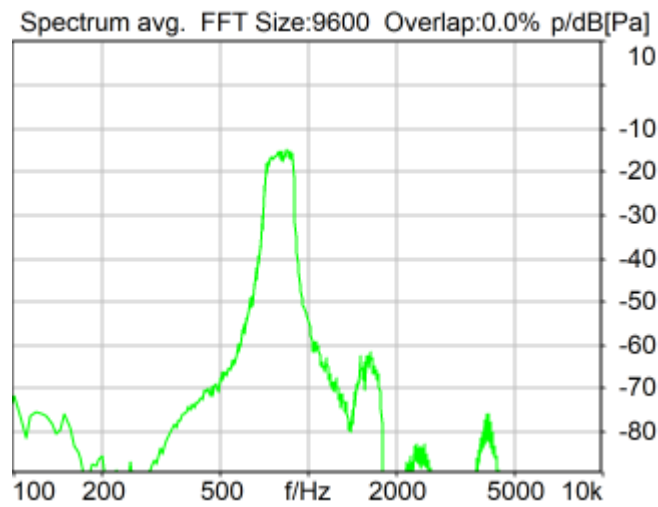
Distortion (Noise) RCV (packed): 28.47 dB (3.77%) Ok

Ok

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5.2 RCV Distortion and Noise - 800 Hz WB

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



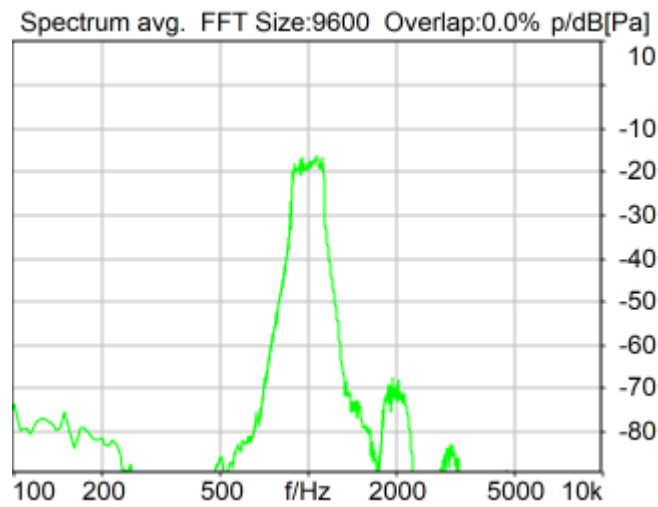
Distortion (Noise) RCV (packed): 33.90 dB (2.02%) Ok

Ok

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5.2 RCV Distortion and Noise - 1000 Hz WB

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



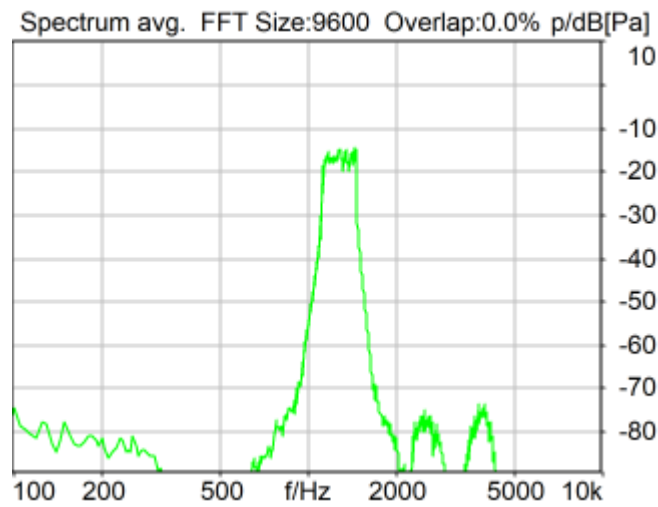
Distortion (Noise) RCV (packed): 26.89 dB (4.52%) Ok

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 8N



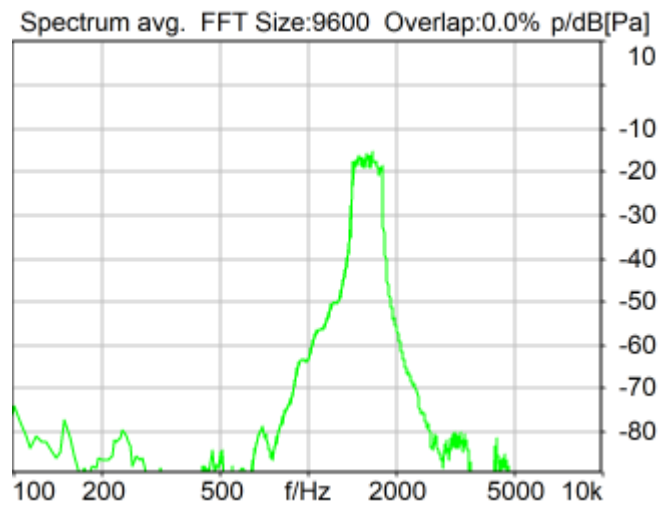
Distortion (Noise) RCV (packed): 21.53 dB (8.38%) Ok

Ok

25/10/30 9:54 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



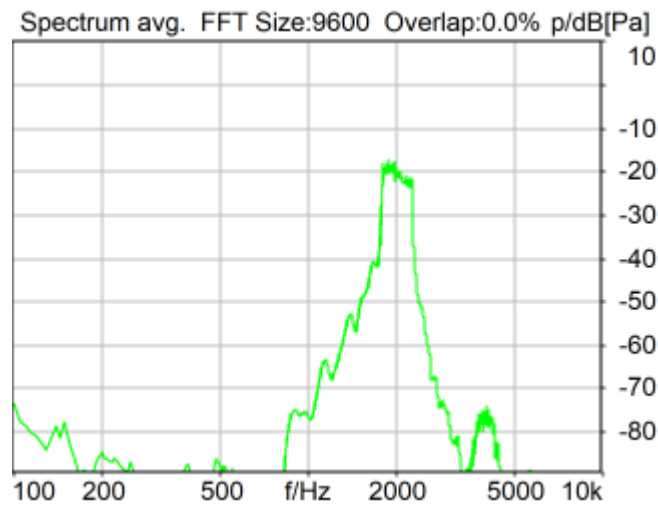
Distortion (Noise) RCV (packed): 27.16 dB (4.38%) Ok

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 8N



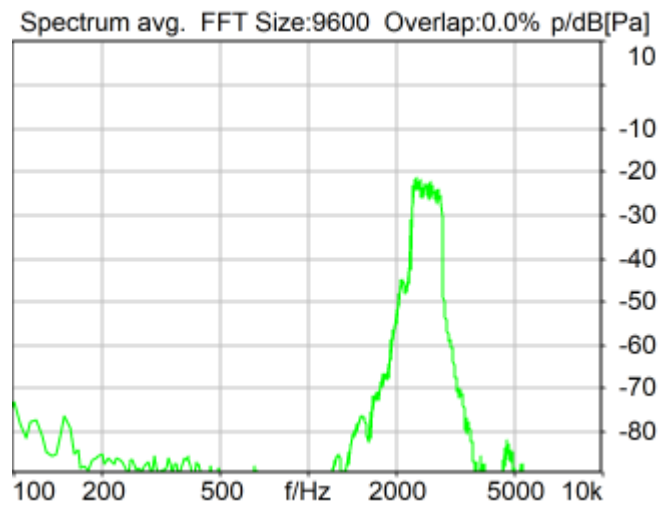
Distortion (Noise) RCV (packed): 23.12 dB (6.98%) Ok

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 8N



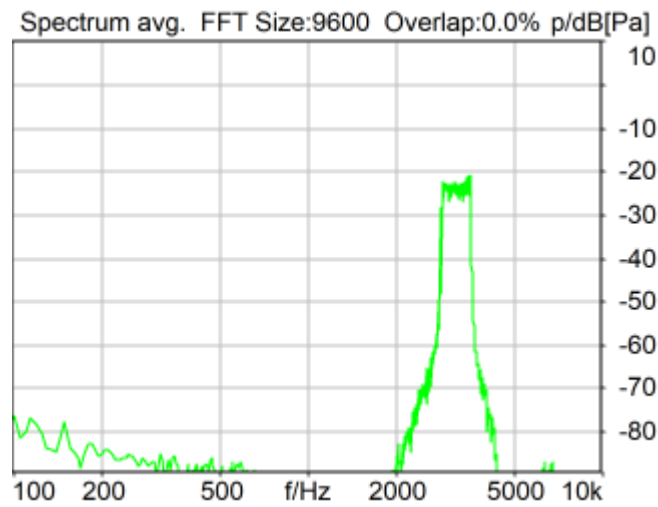
Distortion (Noise) RCV (packed): 24.90 dB (5.69%) Ok

Ok

25/10/30 9:56 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



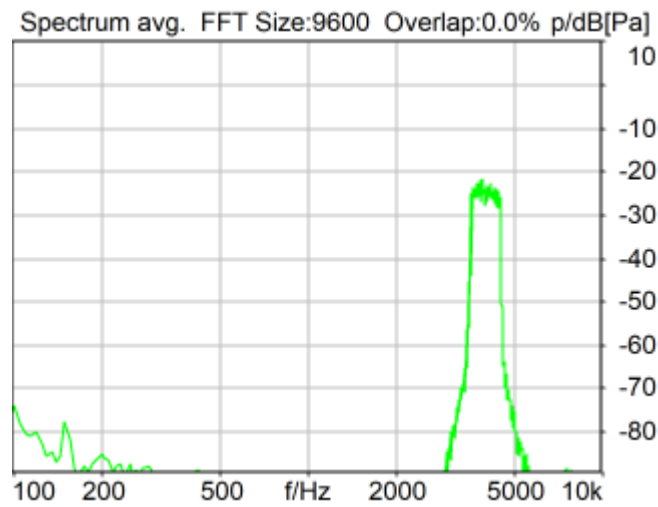
Distortion (Noise) RCV (packed): 35.07 dB (1.76%) Ok

Ok

25/10/30 9:56 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



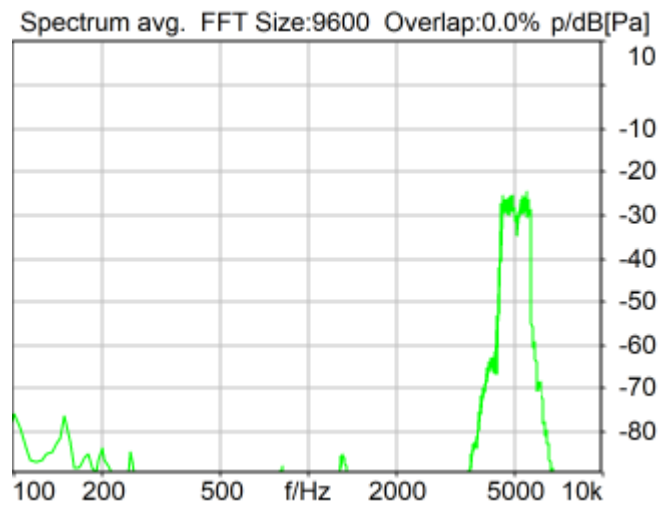
Distortion (Noise) RCV (packed): 34.40 dB (1.90%) Ok

Ok

25/10/30 9:56 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): 31.57 dB (2.64%) Ok

Ok

25/10/30 9:57 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	27.59 dB
2	315Hz	25.66 dB
3	400Hz	25.76 dB
4	500Hz	29.74 dB
5	630Hz	28.47 dB
6	800Hz	33.90 dB
7	1000Hz	26.89 dB
8	1250Hz	21.53 dB
9	1600Hz	27.16 dB
10	2000Hz	23.12 dB
11	2500Hz	24.90 dB
12	3150Hz	35.07 dB
13	4000Hz	34.40 dB
14	5000Hz	31.57 dB

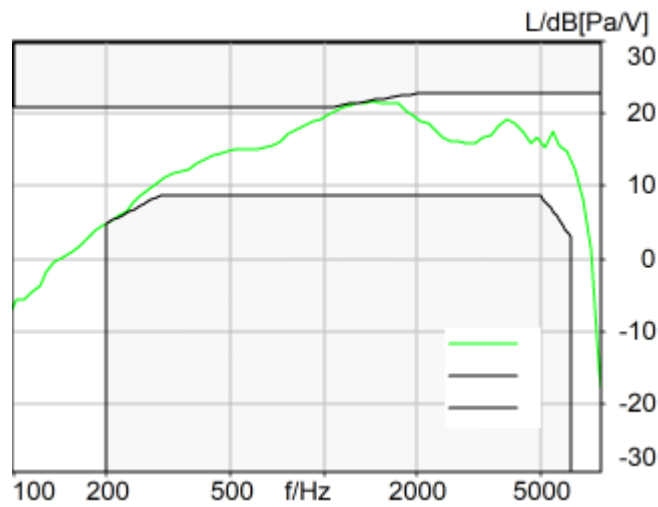
All SDNRs were greater than 20.0 dB, requirement was met.

Smallest SDNR was 21.53dB at 1250Hz.

25/10/30 9:57 ACQUA

5.3 Frequency Response 8N FF

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



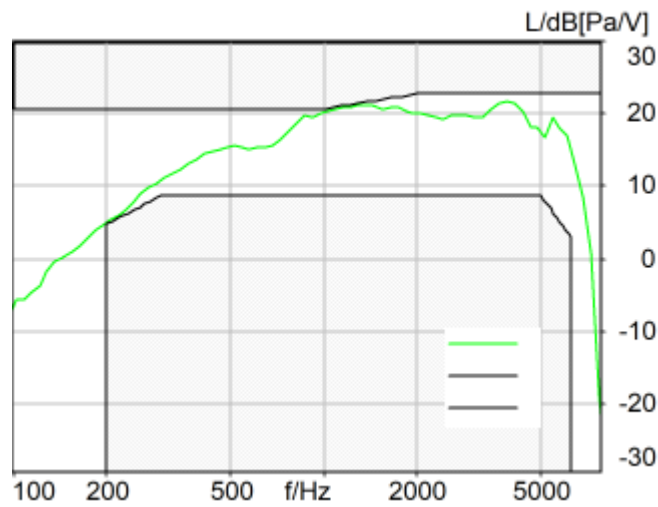
Absolute minimal distance
0.03 dB at 1285.9 Hz Ok

Ok

25/10/30 9:58 ACQUA 5.1.200

5.3 Frequency Response 8N DF

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



Absolute minimal distance
0.27 dB at 1088.7 Hz Ok

Ok

25/10/30 9:58 ACQUA 5.1.200

Measurement Protocol

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

Project	5O1021
Report Generation Date	25/10/29 18:06
Responsible Person	AC01-KS

Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	214.3	GSM850_GSM Voice_AMR WB 6. 60kbps_Ch189_2N
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	82.62	GSM850_GSM Voice_AMR WB 6. 60kbps_Ch189_2N

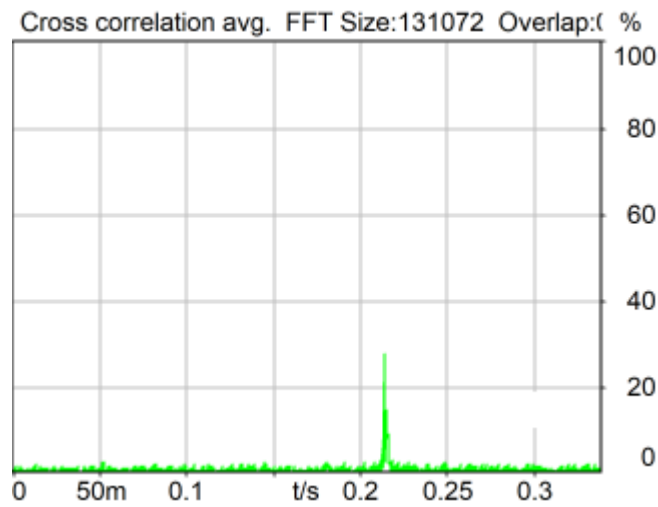
ACQUA Report
60kbps_Ch189_2N

Title: GSM850_GSM Voice_AMR WB 6.

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

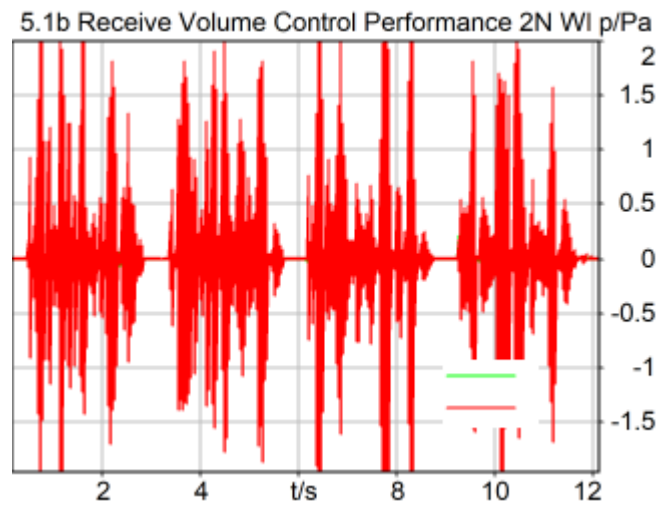


Delay (Cross): 214.3 ms

25/10/29 18:05 ACQUA 5.1.200

5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 82.62 dB[SPL], Act.: 79.79% Ok

Ok

25/10/29 18:05 ACQUA 5.1.200

Measurement Protocol

Measurement Object	WCDMA IV_Voice_AMR WB 6.60kbps_Ch1413_2N
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Project	5O1021
Report Generation Date	25/10/29 20:02
Responsible Person	AC01-KS

Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	196.6	WCDMA IV_Voice_AMR WB 6. 60kbps_Ch1413_2N
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	82.33	WCDMA IV_Voice_AMR WB 6. 60kbps_Ch1413_2N

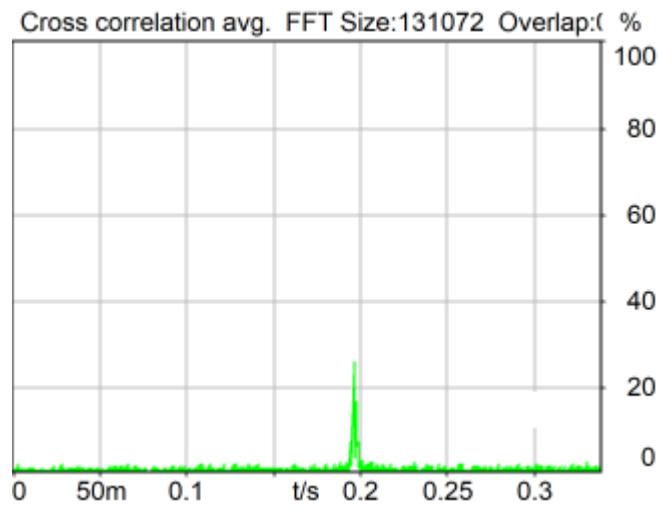
ACQUA Report
60kbps_Ch1413_2N

Title: WCDMA IV_Voice_AMR WB 6.

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

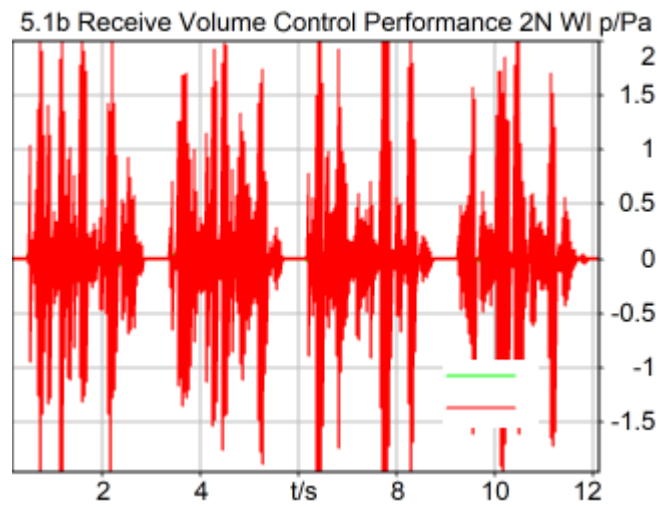


Delay (Cross): 196.6 ms

25/10/29 20:02 ACQUA 5.1.200

5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 82.33 dB[SPL], Act.: 81.23% Ok

Ok

25/10/29 20:02 ACQUA 5.1.200

ACQUA Report
WB 5.9kbps_Ch21100_2N

Title: 05_LTE Band 7_20M_QPSK_1RB_0Offset_EVS

Measurement Protocol

Measurement Object	LTE Band 7_20M_QPSK_1RB_0Offset_EVS WB 5.9kbps_Ch21100_2N
--------------------	---

Project	5O1021
Report Generation Date	25/10/31 21:18
Responsible Person	AC01-KS

Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	162.9	LTE Band 7_20M_QPSK_1RB_0Offset_EVS WB 5.9kbps_Ch21100_2N
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	82.19	LTE Band 7_20M_QPSK_1RB_0Offset_EVS WB 5.9kbps_Ch21100_2N

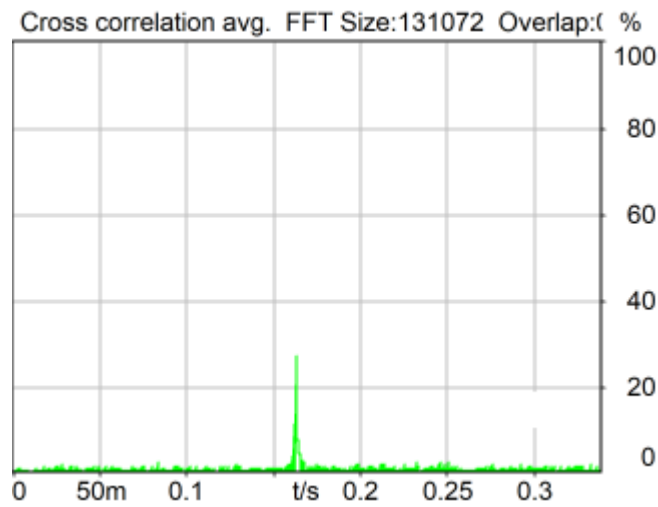
ACQUA Report
WB 5.9kbps_Ch21100_2N

Title: LTE Band 7_20M_QPSK_1RB_0Offset_EVS

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

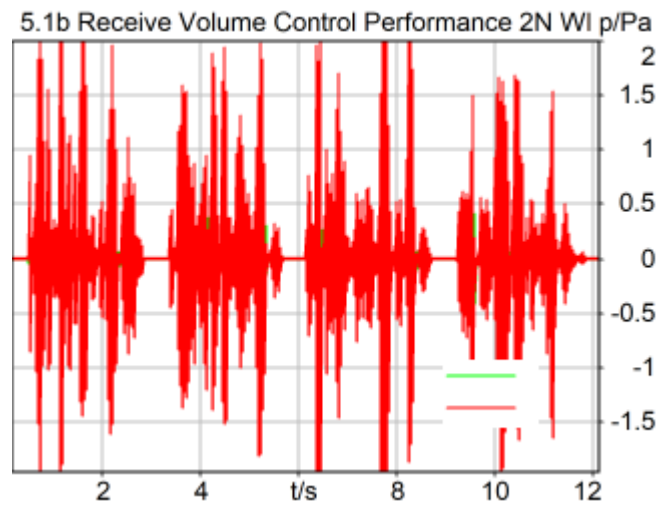


Delay (Cross): 162.9 ms

25/10/31 21:17 ACQUA 5.1.200

5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 82.19 dB[SPL], Act.: 82.41% Ok

Ok

25/10/31 21:18 ACQUA 5.1.200

Measurement Protocol

Measurement Object	LTE Band 13_10M_QPSK_1RB_0Offset_EVS WB 5.9kbps_Ch23230_8N
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Project	5O1021
Report Generation Date	25/10/31 22:47
Responsible Person	AC01-KS

Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	144.0	LTE Band 13_10M_QPSK_1RB_0Offset_EVS WB 5.9kbps_Ch23230_8N
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	86.23	LTE Band 13_10M_QPSK_1RB_0Offset_EVS WB 5.9kbps_Ch23230_8N

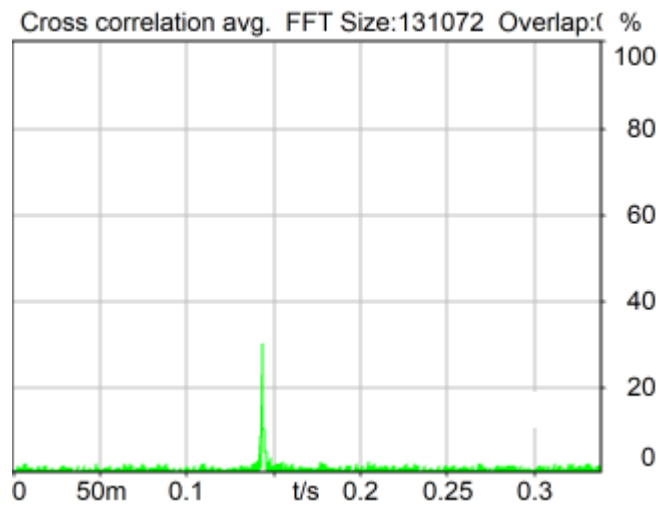
ACQUA Report
13_10M_QPSK_1RB_0Offset_EVS WB 5.9kbps_Ch23230_8N

Title: LTE Band

Overall Receive Delay WB	5
5.1a Receive Volume Control Performance 8N WB	6

Overall Receive Delay WB

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

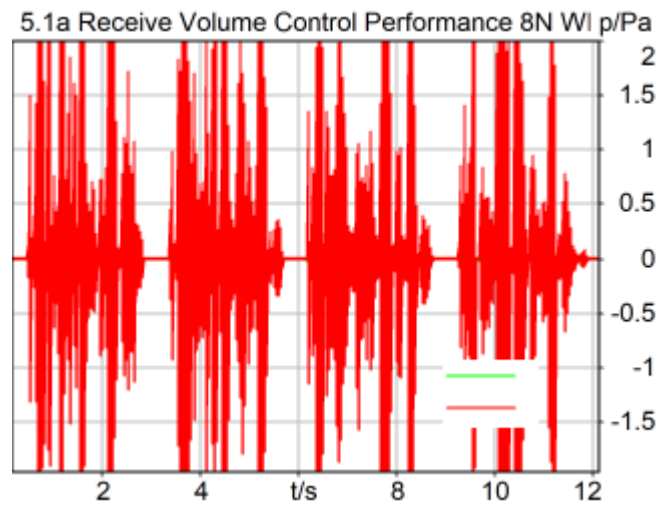


Delay (Cross): 144.0 ms

25/10/31 22:45 ACQUA 5.1.200

5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 86.23 dB[SPL], Act.: 83.25% Ok

Ok

25/10/31 22:45 ACQUA 5.1.200

Measurement Protocol

Measurement Object	WLAN5GHz_802.11a 6Mbps_EVS WB 5.9kbps_Ch157_2N
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Project	5O1021
Report Generation Date	25/10/31 16:44
Responsible Person	AC01-KS

Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	188.2	WLAN5GHz_802.11a 6Mbps_EVS WB 5.9kbps_Ch157_2N
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	82.15	WLAN5GHz_802.11a 6Mbps_EVS WB 5.9kbps_Ch157_2N

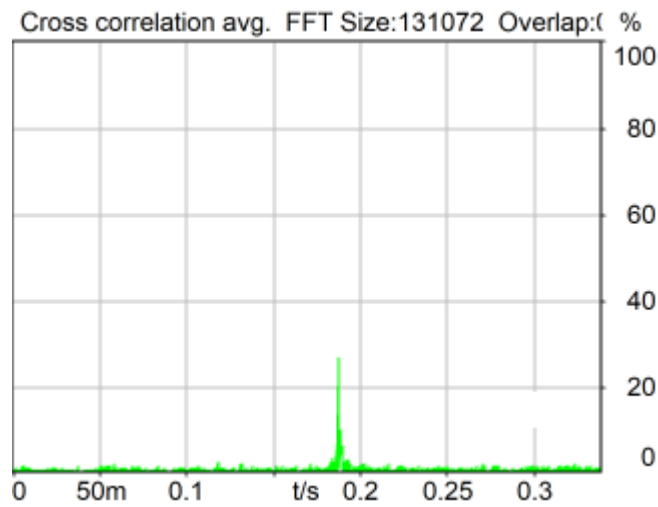
ACQUA Report
9kbps_Ch157_2N

Title: WLAN5GHz_802.11a 6Mbps_EVS WB 5.

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

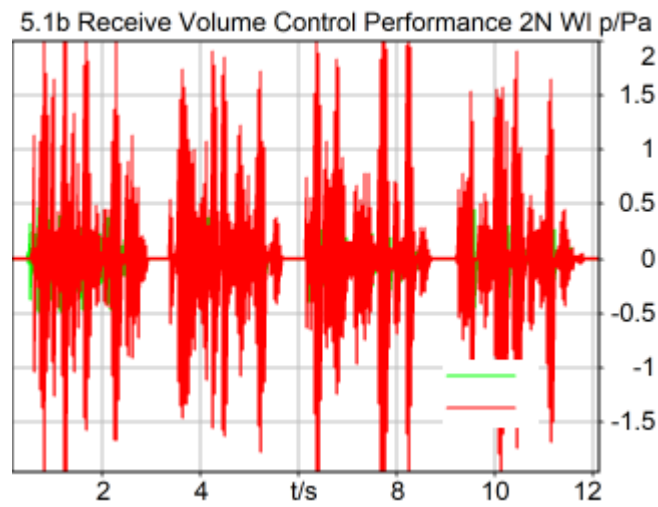


Delay (Cross): 188.2 ms

25/10/31 16:43 ACQUA 5.1.200

5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 82.15 dB[SPL], Act.: 83.68% Ok

Ok

25/10/31 16:43 ACQUA 5.1.200