

ACQUA Report
NB 9.6kbps_Ch18900_2N

Title: 01_LTE Band 2_20M_QPSK_1RB_0Offset_EVS

Measurement Protocol

Measurement Object	LTE Band 2_20M_QPSK_1RB_0Offset_EVS NB 9.6kbps_Ch18900_2N
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Project	5N2009
Report Generation Date	25/12/01 14:59
Responsible Person	AC01-KS

Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	110.1	LTE Band 2_20M_QPSK_1RB_0Offset_EV S NB 9.6kbps_Ch18900_2N
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	82.26	LTE Band 2_20M_QPSK_1RB_0Offset_EV S NB 9.6kbps_Ch18900_2N
5.2 RCV Distortion and Noise - 400 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	35.69	LTE Band 2_20M_QPSK_1RB_0Offset_EV S NB 9.6kbps_Ch18900_2N
5.2 RCV Distortion and Noise - 500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	26.35	LTE Band 2_20M_QPSK_1RB_0Offset_EV S NB 9.6kbps_Ch18900_2N
5.2 RCV Distortion and Noise - 630 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	28.56	LTE Band 2_20M_QPSK_1RB_0Offset_EV S NB 9.6kbps_Ch18900_2N
5.2 RCV Distortion and Noise - 800 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	27.45	LTE Band 2_20M_QPSK_1RB_0Offset_EV S NB 9.6kbps_Ch18900_2N
5.2 RCV Distortion and Noise - 1000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	26.72	LTE Band 2_20M_QPSK_1RB_0Offset_EV S NB 9.6kbps_Ch18900_2N
5.2 RCV Distortion and Noise - 1250 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	21.52	LTE Band 2_20M_QPSK_1RB_0Offset_EV S NB 9.6kbps_Ch18900_2N
5.2 RCV Distortion and Noise - 1600 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	27.71	LTE Band 2_20M_QPSK_1RB_0Offset_EV S NB 9.6kbps_Ch18900_2N
5.2 RCV Distortion and Noise - 2000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	28.23	LTE Band 2_20M_QPSK_1RB_0Offset_EV S NB 9.6kbps_Ch18900_2N
5.2 RCV Distortion and Noise - 2500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	29.36	LTE Band 2_20M_QPSK_1RB_0Offset_EV S NB 9.6kbps_Ch18900_2N
5.2 RCV Distortion and Noise - 3150 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	28.82	LTE Band 2_20M_QPSK_1RB_0Offset_EV S NB 9.6kbps_Ch18900_2N
Report - Receive Distortion and Noise (Conversational Gain)	Ok	Minimum SDNR [dB], (occured at 1250Hz)	21.52	LTE Band 2_20M_QPSK_1RB_0Offset_EV S NB 9.6kbps_Ch18900_2N
5.3 Frequency Response 2N FF HANB	Ok	Min. dist. to tolerance scheme [dB], 1547.5 Hz	1.21	LTE Band 2_20M_QPSK_1RB_0Offset_EV S NB 9.6kbps_Ch18900_2N
5.3 Frequency Response 2N DF HANB	Ok	Min. dist. to tolerance scheme [dB], 1360.9 Hz	1.60	LTE Band 2_20M_QPSK_1RB_0Offset_EV S NB 9.6kbps_Ch18900_2N

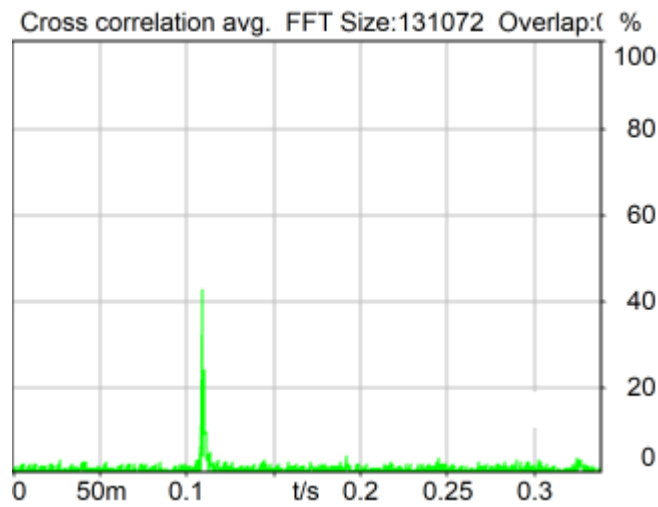
ACQUA Report
NB 9.6kbps_Ch18900_2N

Title: LTE Band 2_20M_QPSK_1RB_0Offset_EVS

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

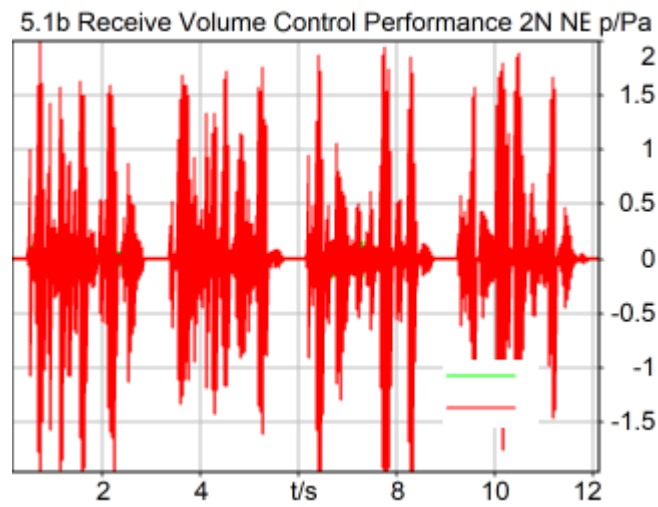


Delay (Cross): 110.1 ms

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5.1b Receive Volume Control Performance 2N NB

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



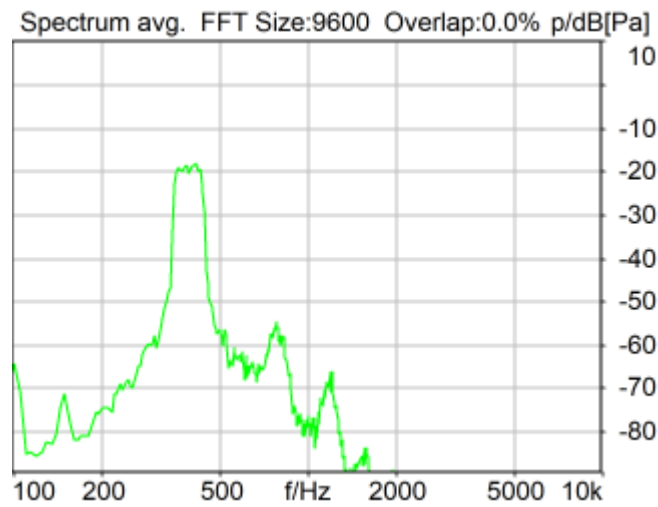
Speech Level RCV: 82.26 dB[SPL], Act.: 80.17% Ok

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



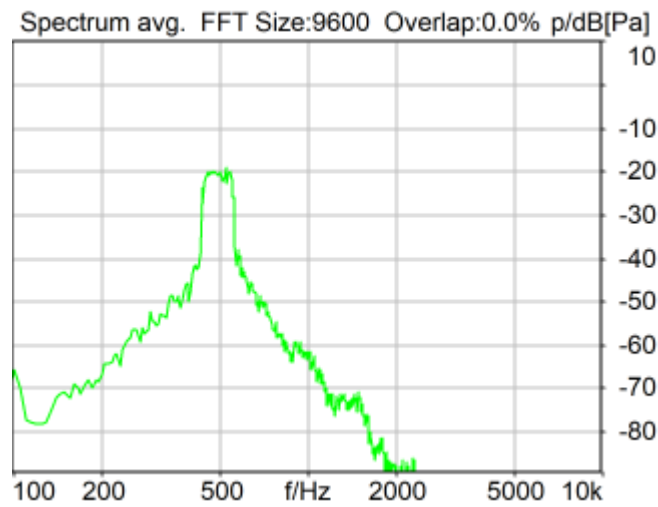
Distortion (Noise) RCV (packed): 35.69 dB (1.64%) Ok

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



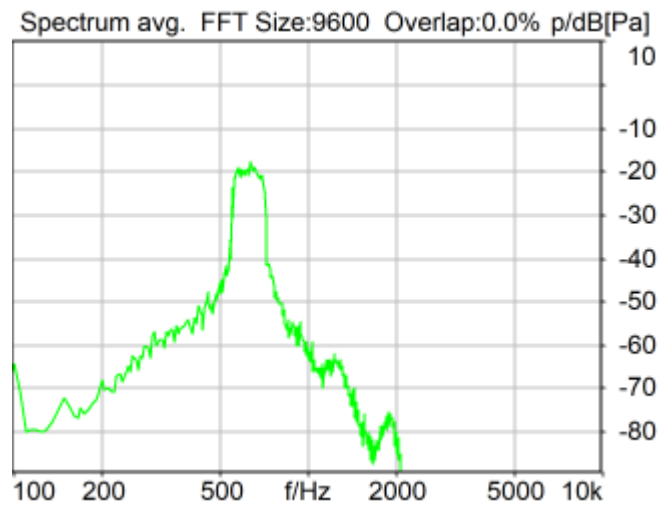
Distortion (Noise) RCV (packed): 26.35 dB (4.81%) Ok

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



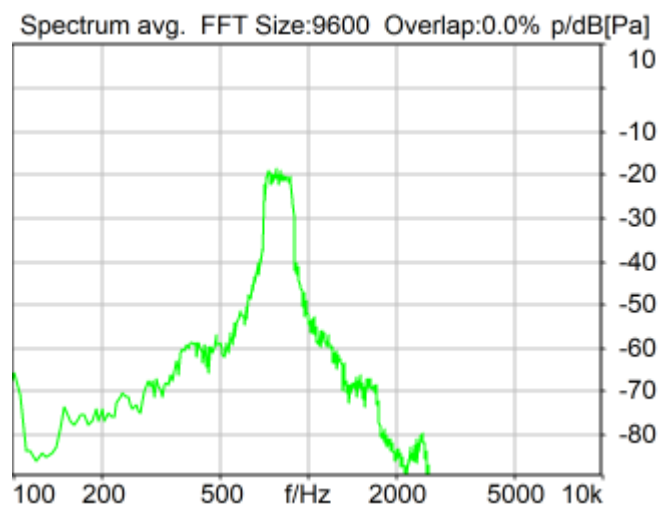
Distortion (Noise) RCV (packed): 28.56 dB (3.73%) Ok

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



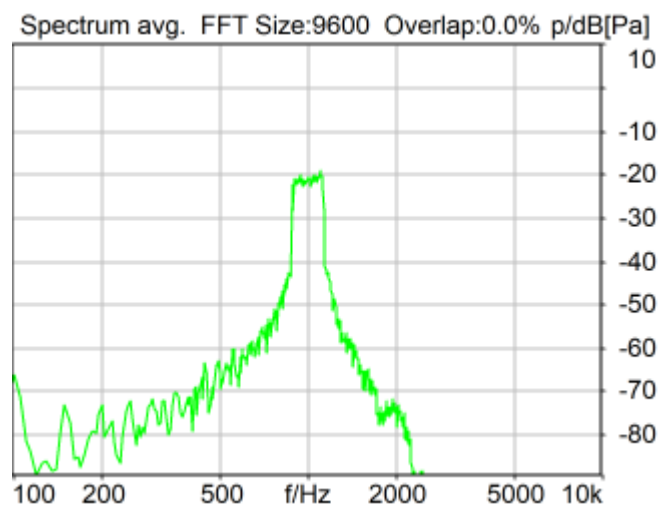
Distortion (Noise) RCV (packed): 27.45 dB (4.24%) Ok

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



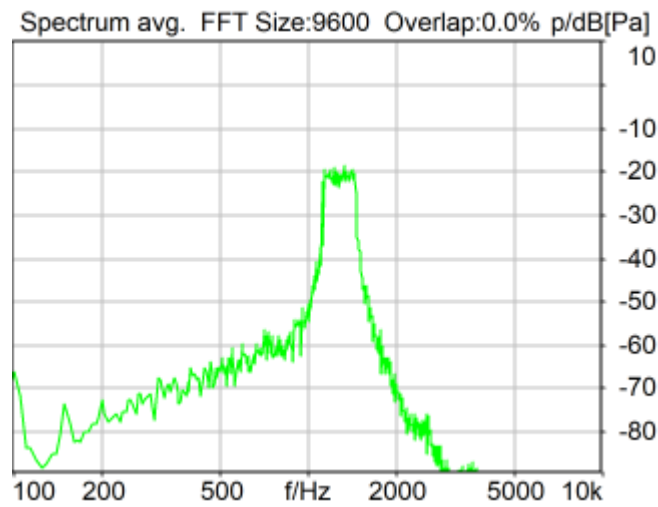
Distortion (Noise) RCV (packed): 26.72 dB (4.61%) Ok

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



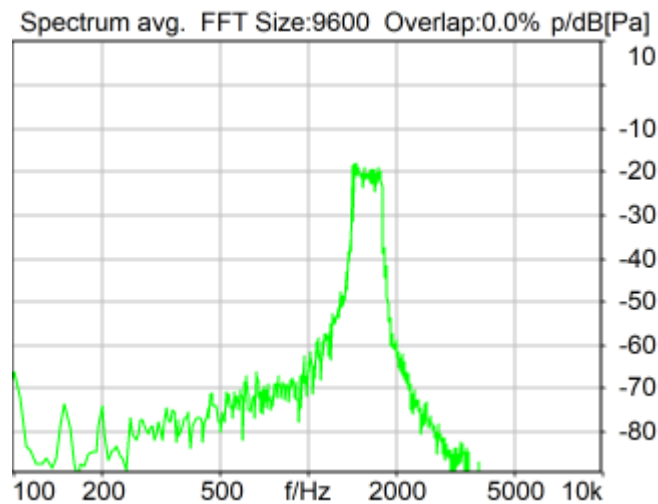
Distortion (Noise) RCV (packed): 21.52 dB (8.39%) Ok

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



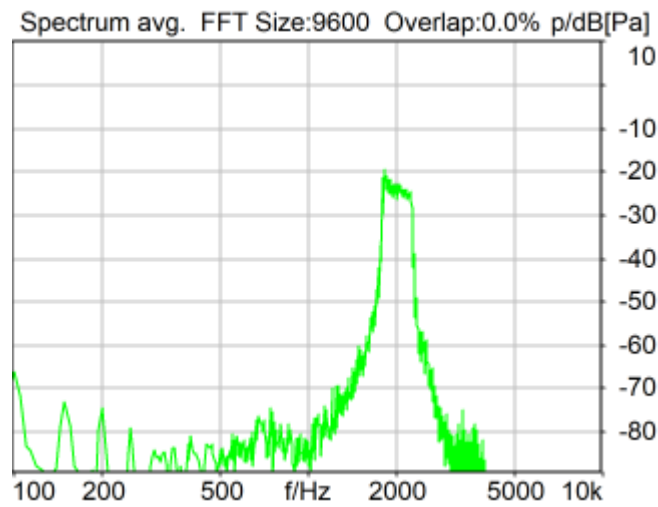
Distortion (Noise) RCV (packed): 27.71 dB (4.12%) Ok

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



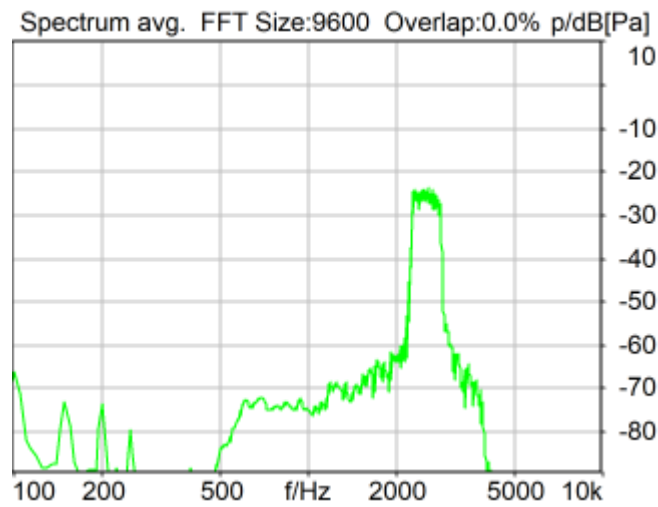
Distortion (Noise) RCV (packed): 28.23 dB (3.88%) Ok

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



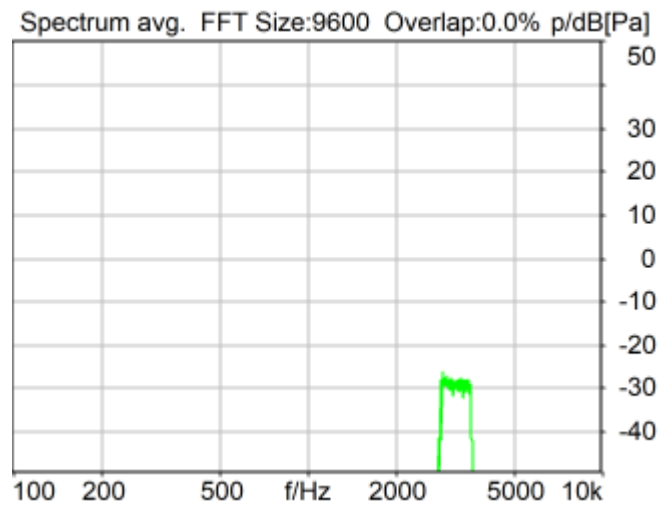
Distortion (Noise) RCV (packed): 29.36 dB (3.40%) Ok

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): 28.82 dB (3.62%) 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	35.69 dB
2	500Hz	26.35 dB
3	630Hz	28.56 dB
4	800Hz	27.45 dB
5	1000Hz	26.72 dB
6	1250Hz	21.52 dB
7	1600Hz	27.71 dB
8	2000Hz	28.23 dB
9	2500Hz	29.36 dB
10	3150Hz	28.82 dB

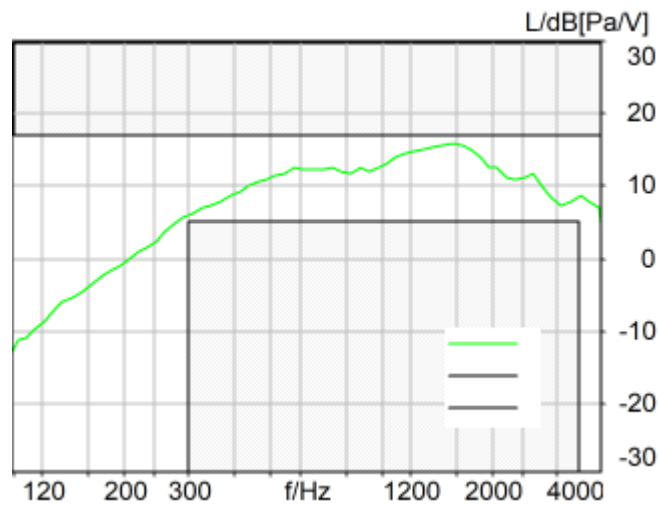
All SDNRs were greater than 20.0 dB, requirement was met.

Smallest SDNR was 21.52dB at 1250Hz.

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5.3 Frequency Response 2N FF HANB

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



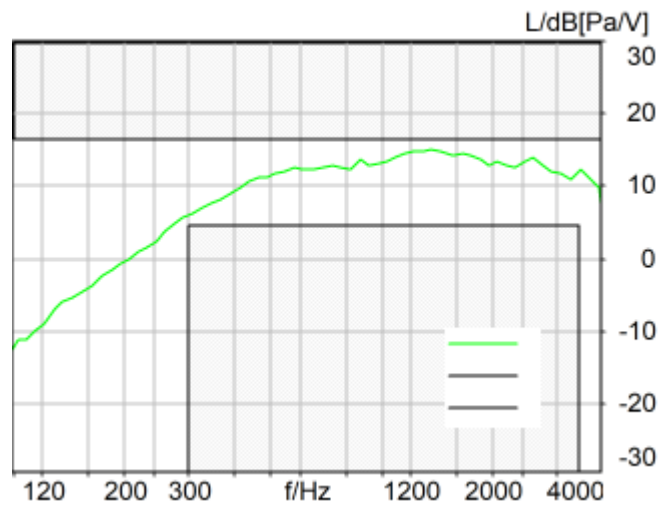
Absolute minimal distance
1.21 dB at 1547.5 Hz Ok

Ok

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5.3 Frequency Response 2N DF HANB

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



Absolute minimal distance
1.60 dB at 1360.9 Hz Ok

Ok

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ACQUA Report
WB 13.2kbps_Ch18900_8N

Title: 02_LTE Band 2_20M_QPSK_1RB_0Offset_EVS

Measurement Protocol

Measurement Object	LTE Band 2_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch18900_8N
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Project	5N2009
Report Generation Date	25/12/01 16:23
Responsible Person	AC01-KS

Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	111.5	LTE Band 2_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch18900_8N
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	87.15	LTE Band 2_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch18900_8N
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	29.24	LTE Band 2_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch18900_8N
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	21.15	LTE Band 2_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch18900_8N
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	36.38	LTE Band 2_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch18900_8N
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.18	LTE Band 2_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch18900_8N
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.02	LTE Band 2_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch18900_8N
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.80	LTE Band 2_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch18900_8N
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	37.92	LTE Band 2_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch18900_8N
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.64	LTE Band 2_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch18900_8N
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	39.98	LTE Band 2_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch18900_8N
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.13	LTE Band 2_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch18900_8N
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	34.28	LTE Band 2_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch18900_8N
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.16	LTE Band 2_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch18900_8N
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	26.98	LTE Band 2_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch18900_8N
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	34.82	LTE Band 2_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch18900_8N
Report - Receive Distortion	Ok	Minimum SDNR [dB],	21.15	LTE Band

ACQUA Report
WB 13.2kbps_Ch18900_8N

Title: LTE Band 2_20M_QPSK_1RB_0Offset_EVS

and Noise (Conversational Gain)		(occured at 315Hz)		2_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch18900_8N
5.3 Frequency Response 8N FF	Ok	Min. dist. to tolerance scheme [dB], 1547.5 Hz	0.88	LTE Band 2_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch18900_8N
5.3 Frequency Response 8N DF	Ok	Min. dist. to tolerance scheme [dB], 1547.5 Hz	1.39	LTE Band 2_20M_QPSK_1RB_0Offset_EVS WB 13.2kbps_Ch18900_8N

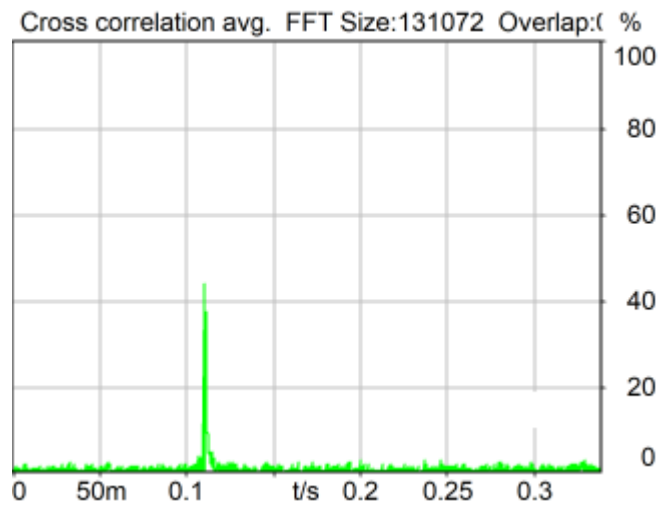
ACQUA Report
WB 13.2kbps_Ch18900_8N

Title: LTE Band 2_20M_QPSK_1RB_0Offset_EVS

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

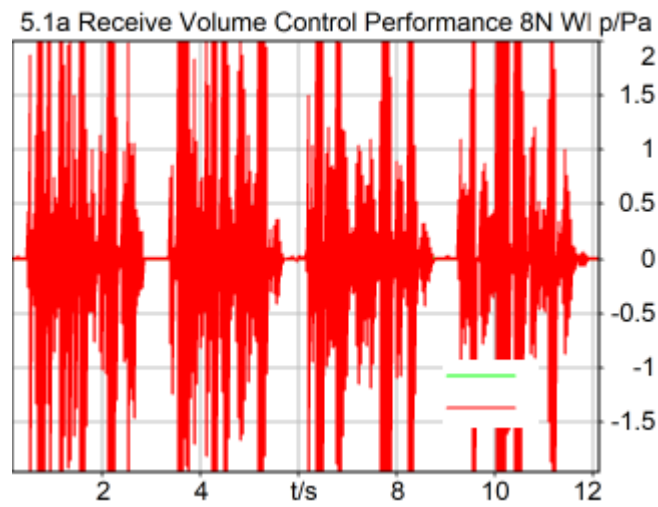


Delay (Cross): 111.5 ms

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5.1a Receive Volume Control Performance 8N WB

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



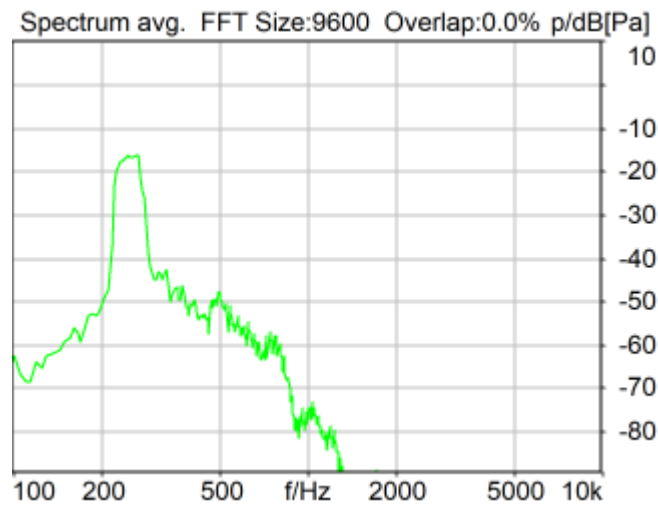
Speech Level RCV: 87.15 dB[SPL], Act.: 82.16% Ok

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



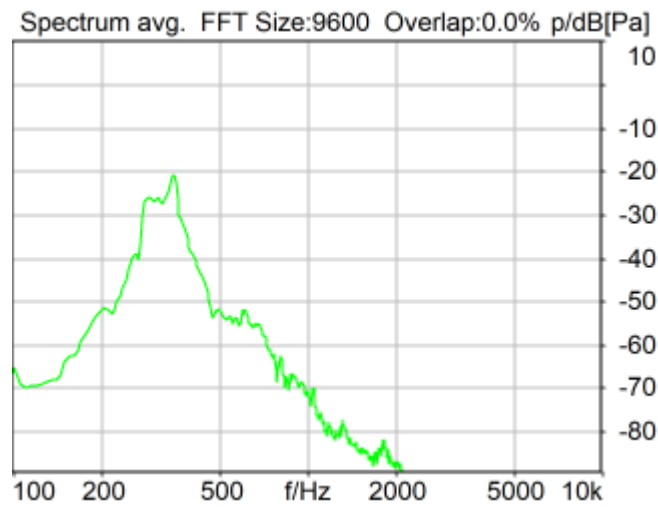
Distortion (Noise) RCV (packed): 29.24 dB (3.45%) Ok

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



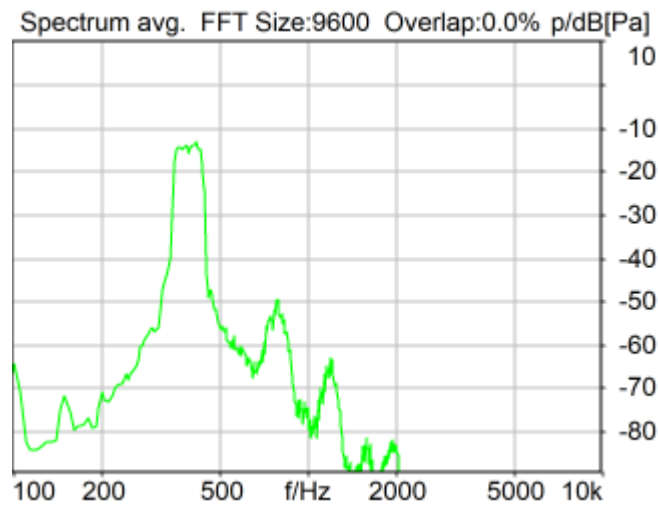
Distortion (Noise) RCV (packed): 21.15 dB (8.76%) Ok

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



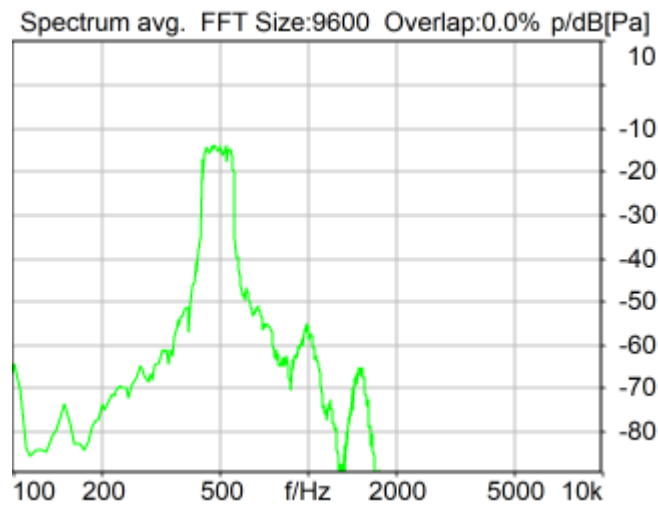
Distortion (Noise) RCV (packed): 36.38 dB (1.52%) Ok

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



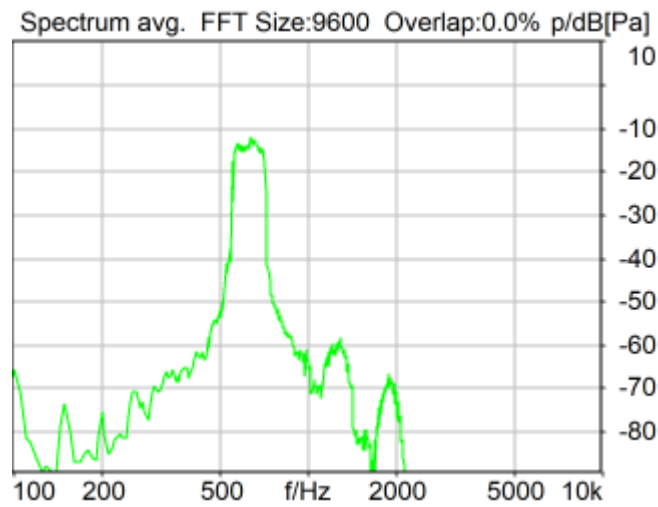
Distortion (Noise) RCV (packed): 35.18 dB (1.74%) Ok

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



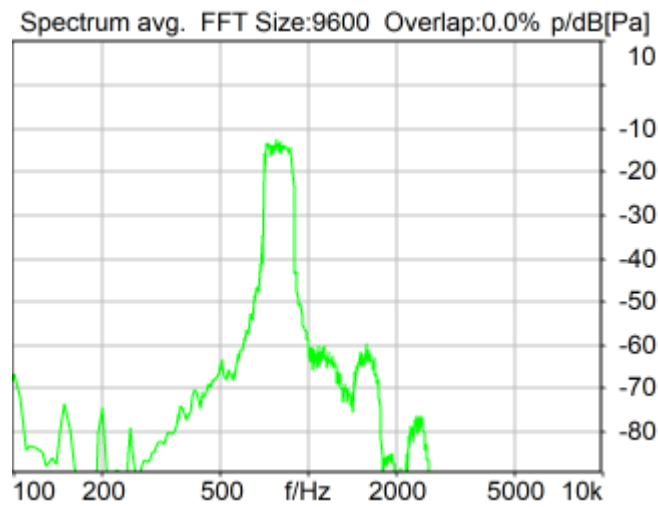
Distortion (Noise) RCV (packed): 38.02 dB (1.26%) Ok

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



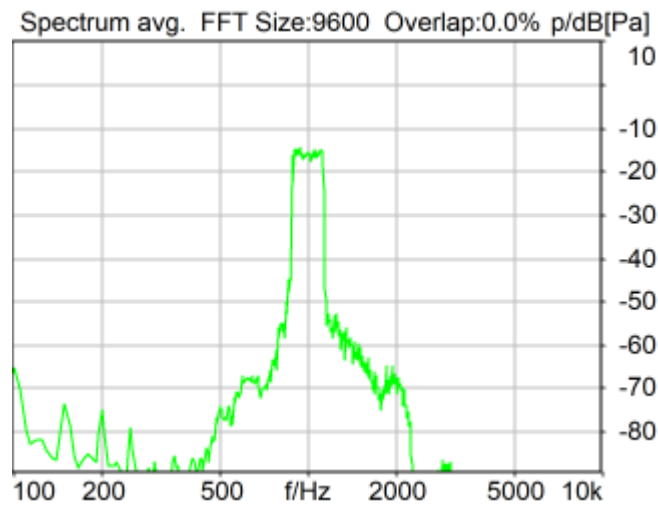
Distortion (Noise) RCV (packed): 38.80 dB (1.15%) Ok

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



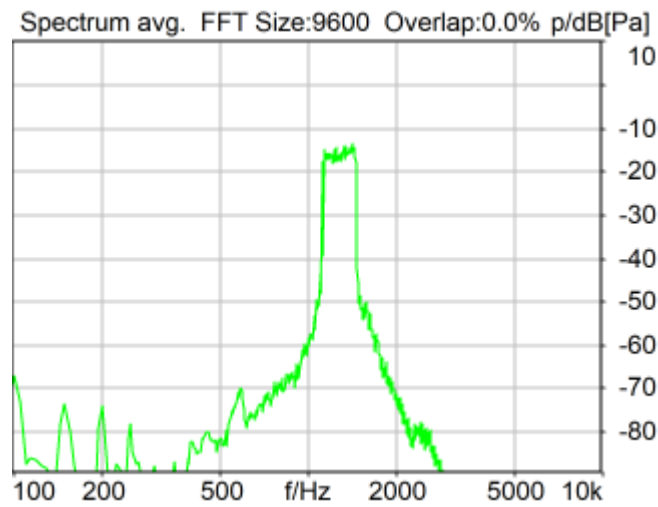
Distortion (Noise) RCV (packed): 37.92 dB (1.27%) Ok

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



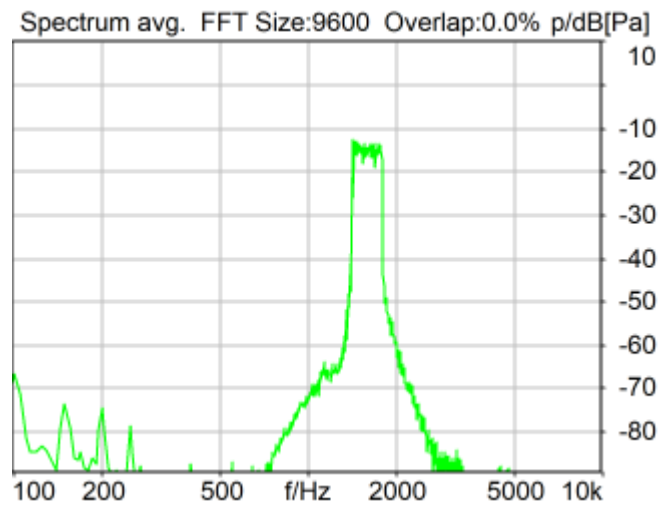
Distortion (Noise) RCV (packed): 31.64 dB (2.62%) Ok

Ok

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5.2 RCV Distortion and Noise - 1600 Hz WB

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



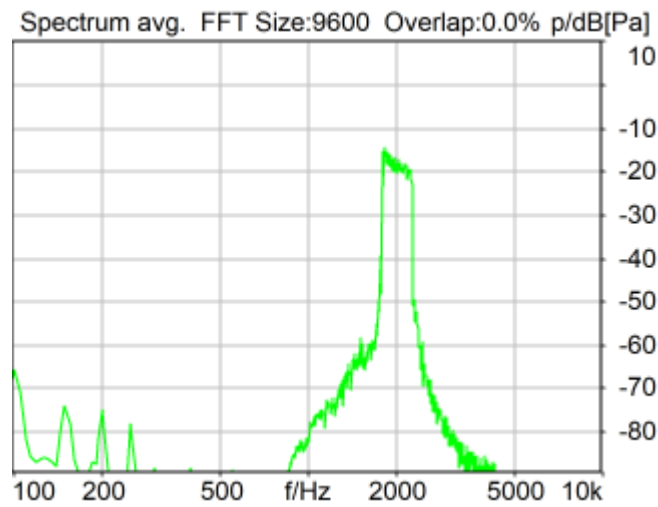
Distortion (Noise) RCV (packed): 39.98 dB (1.00%) Ok

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



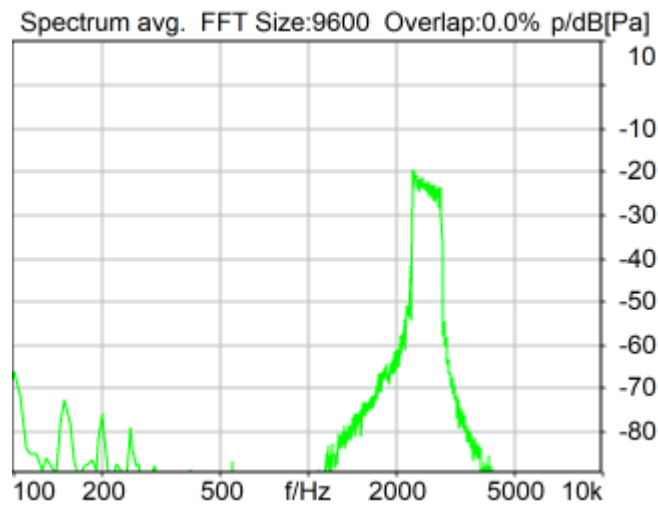
Distortion (Noise) RCV (packed): 38.13 dB (1.24%) Ok

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



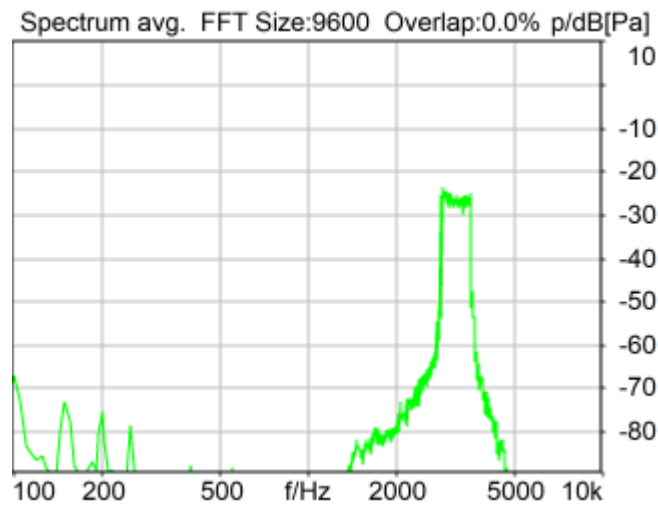
Distortion (Noise) RCV (packed): 34.28 dB (1.93%) Ok

Ok

25/12/01 16:21 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



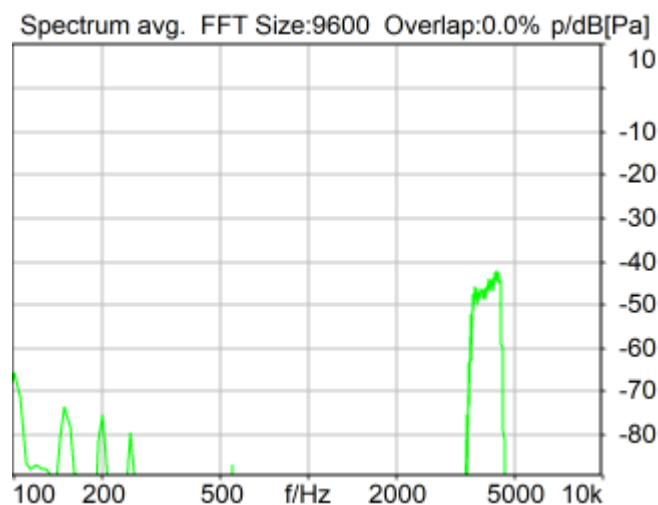
Distortion (Noise) RCV (packed): 32.16 dB (2.46%) Ok

Ok

25/12/01 16:21 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



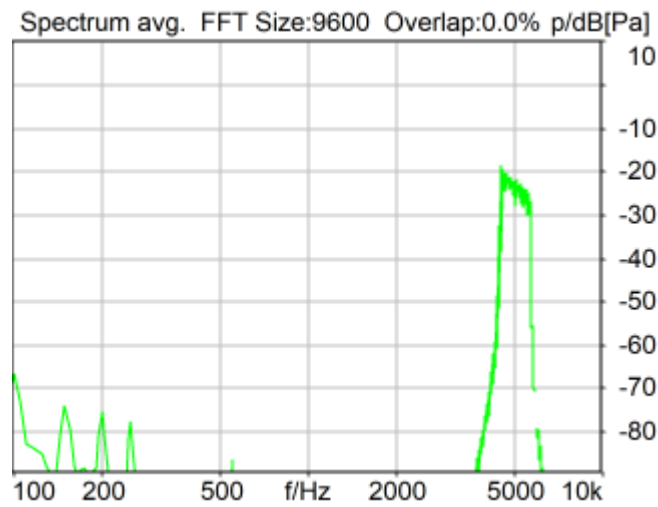
Distortion (Noise) RCV (packed): 26.98 dB (4.48%) Ok

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 8N



Distortion (Noise) RCV (packed): 34.82 dB (1.81%) 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 8N

Region	Frequency	SDNR
1	250Hz	29.24 dB
2	315Hz	21.15 dB
3	400Hz	36.38 dB
4	500Hz	35.18 dB
5	630Hz	38.02 dB
6	800Hz	38.80 dB
7	1000Hz	37.92 dB
8	1250Hz	31.64 dB
9	1600Hz	39.98 dB
10	2000Hz	38.13 dB
11	2500Hz	34.28 dB
12	3150Hz	32.16 dB
13	4000Hz	26.98 dB
14	5000Hz	34.82 dB

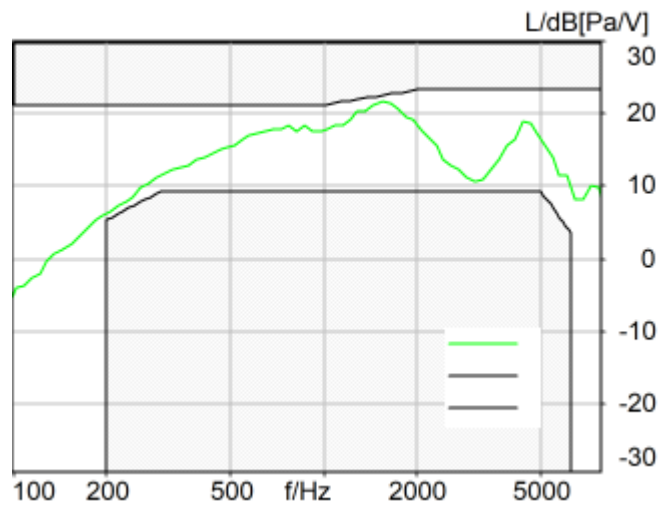
All SDNRs were greater than 20.0 dB, requirement was met.

Smallest SDNR was 21.15dB at 315Hz.

25/12/01 16:22 ACQUA

5.3 Frequency Response 8N FF

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



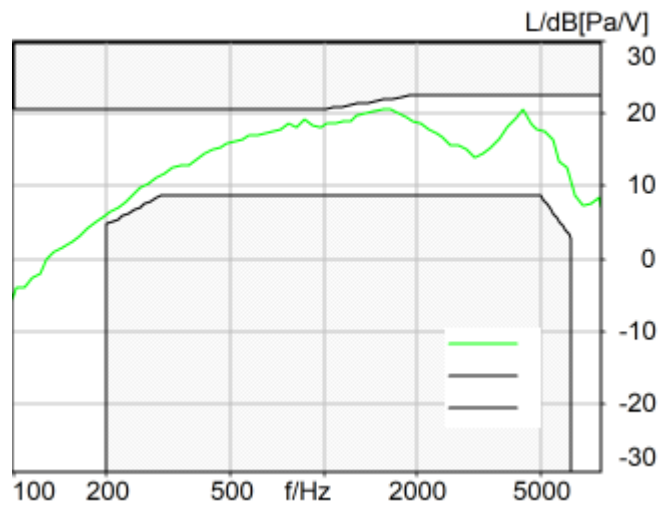
Absolute minimal distance
0.88 dB at 1547.5 Hz Ok

Ok

25/12/01 16:23 ACQUA 5.1.200

5.3 Frequency Response 8N DF

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



Absolute minimal distance
1.39 dB at 1547.5 Hz Ok

Ok

25/12/01 16:23 ACQUA 5.1.200

Measurement Protocol

Measurement Object	WCDMA IV_Voice_AMR NB 4.75kbps_Ch1413_2N
--------------------	--

Project	5N2009
Report Generation Date	25/12/05 18:58
Responsible Person	AC01-KS

Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	179.5	WCDMA IV_Voice_AMR NB 4. 75kbps_Ch1413_2N
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	81.93	WCDMA IV_Voice_AMR NB 4. 75kbps_Ch1413_2N

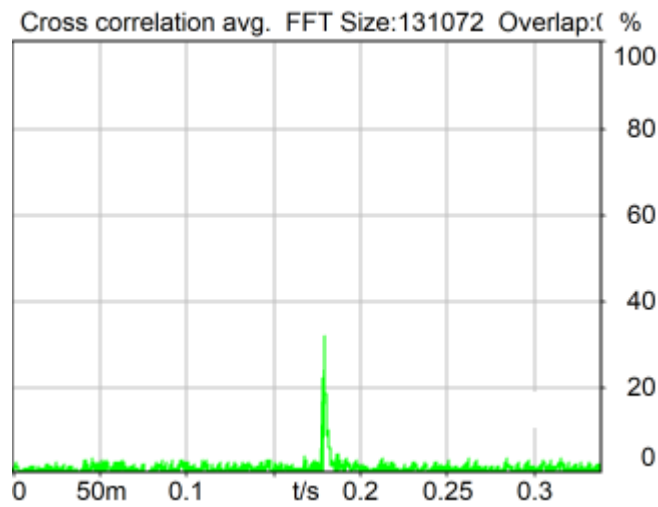
ACQUA Report
75kbps_Ch1413_2N

Title: WCDMA IV_Voice_AMR NB 4.

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

Overall Receive Delay NB

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

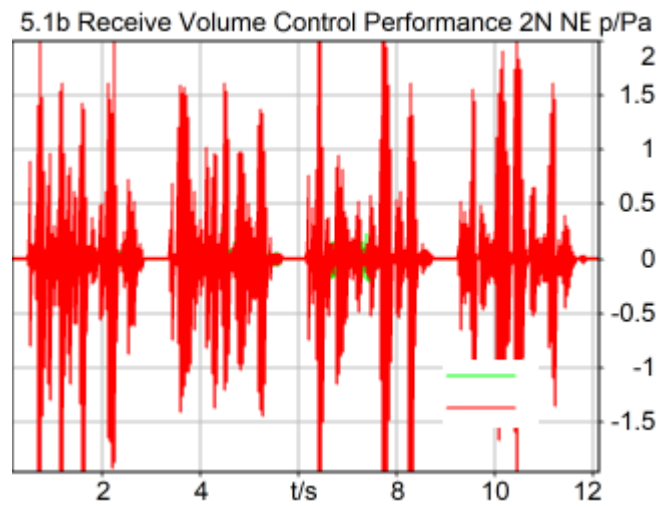


Delay (Cross): 179.5 ms

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5.1b Receive Volume Control Performance 2N NB

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



Speech Level RCV: 81.93 dB[SPL], Act.: 79.89% Ok

Ok

25/12/05 18:58 ACQUA 5.1.200

Measurement Protocol

Measurement Object	LTE Band 7_20M_QPSK_1RB_0Offset_AMR NB 4.75kbps_Ch21100_8N
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Project	5N2009
Report Generation Date	25/12/05 9:47
Responsible Person	AC01-KS

Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	141.5	LTE Band 7_20M_QPSK_1RB_0Offset_AMR NB 4.75kbps_Ch21100_8N
5.1a Receive Volume Control Performance 8N NB	Ok	Speech Level [dB[SPL]]	86.89	LTE Band 7_20M_QPSK_1RB_0Offset_AMR NB 4.75kbps_Ch21100_8N

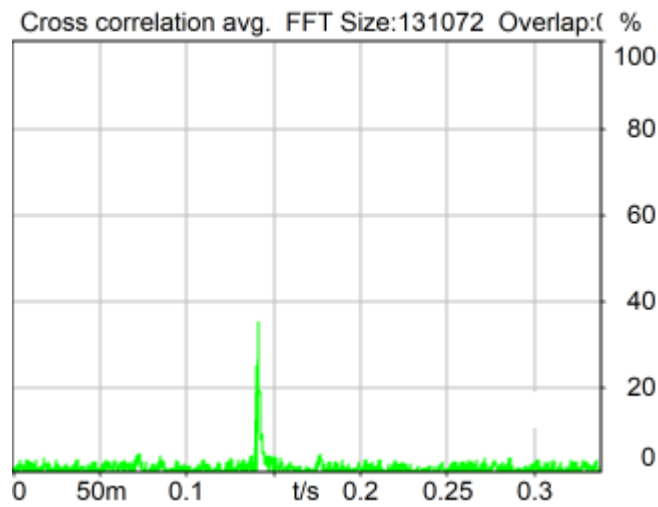
ACQUA Report
7_20M_QPSK_1RB_0Offset_AMR NB 4.75kbps_Ch21100_8N

Title: LTE Band

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

Overall Receive Delay NB

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

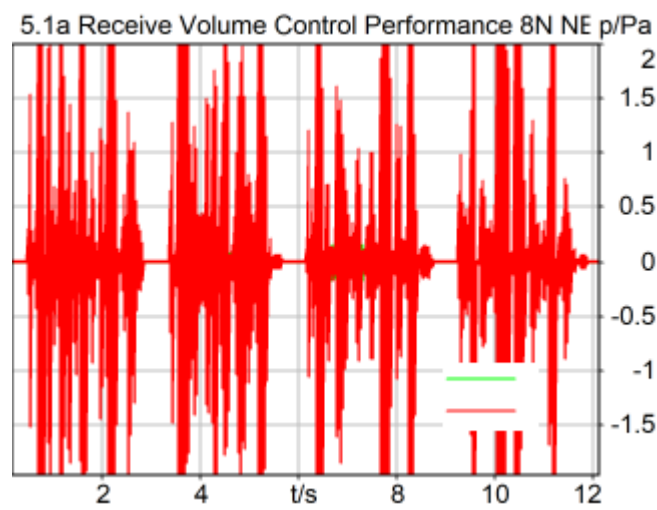


Delay (Cross): 141.5 ms

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5.1a Receive Volume Control Performance 8N NB

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



Speech Level RCV: 86.89 dB[SPL], Act.: 80.10% Ok

Ok

25/12/05 9:47 ACQUA 5.1.200

Measurement Protocol

Measurement Object	LTE Band 66_20M_QPSK_1RB_0Offset_AMR NB 4.75kbps_Ch132322_2N
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Project	5N2009
Report Generation Date	25/12/04 16:55
Responsible Person	AC01-KS

Status Overview

SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay NB	Done	Delay (Cross) [ms]	277.6	LTE Band 66_20M_QPSK_1RB_0Offset_AMR NB 4.75kbps_Ch132322_2N
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	81.72	LTE Band 66_20M_QPSK_1RB_0Offset_AMR NB 4.75kbps_Ch132322_2N

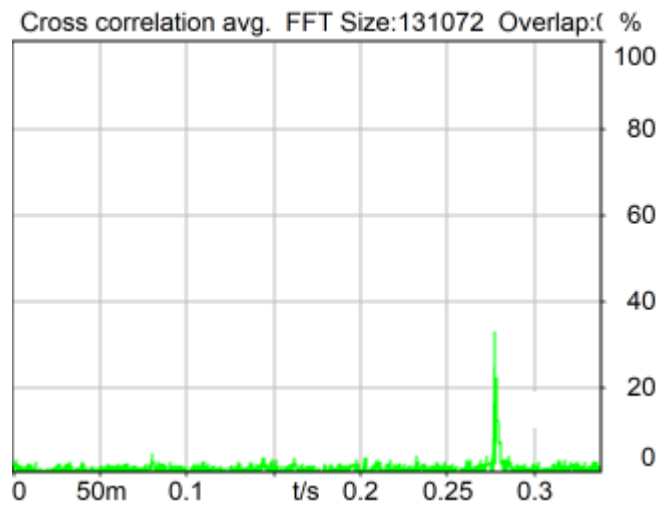
ACQUA Report
66_20M_QPSK_1RB_0Offset_AMR NB 4.75kbps_Ch132322_2N

Title: LTE Band

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

Overall Receive Delay NB

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

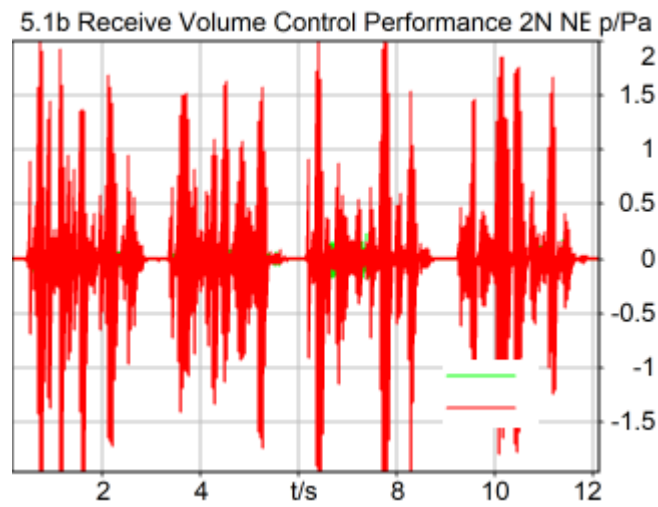


Delay (Cross): 277.6 ms

25/12/04 16:54 ACQUA 5.1.200

5.1b Receive Volume Control Performance 2N NB

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



Speech Level RCV: 81.72 dB[SPL], Act.: 79.81% Ok

Ok

25/12/04 16:55 ACQUA 5.1.200