



Appendix A. Volume Control Evaluation Results

<Evaluation results for KDB 285076 D05 2.a>



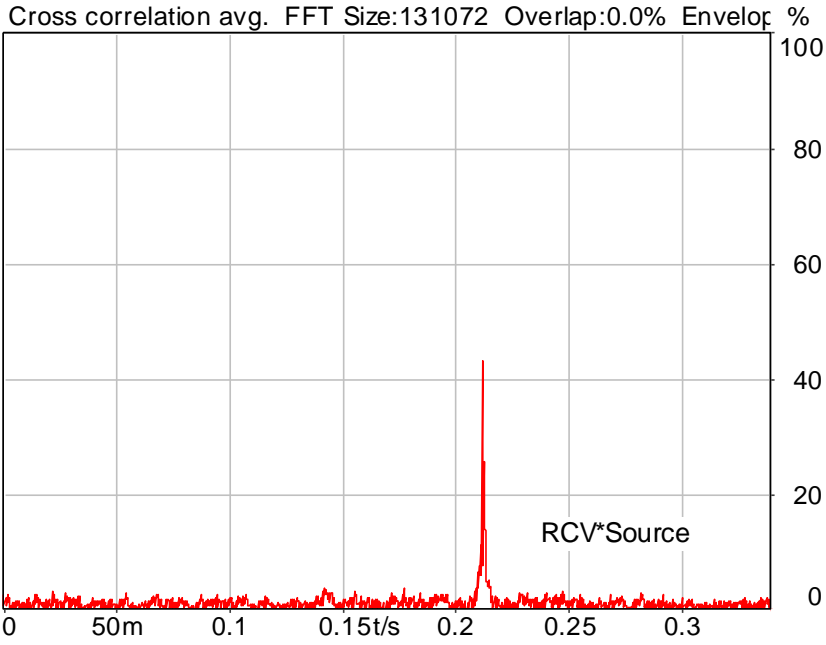
#1 LTE B66 EVS WB 24.4Kbps

SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	212.2
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	88.28
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.90
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	24.75
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	25.33
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	26.52
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	30.86
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.76
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.02
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	36.72
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	30.84
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	40.30
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.92
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.69
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.20
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	42.51
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	39.56
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	24.73
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	25.52
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	26.71
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	30.82
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.74
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.69
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	37.22
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.17
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	40.58
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	40.42
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.86
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.98
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.16
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	40.72
5.3 Frequency Response 8N DF	Ok	Min. dist. to tolerance scheme [dB], 1747.8 Hz	3.55
5.3 Frequency Response 2N DF	Ok	Min. dist. to tolerance scheme [dB], 5143.7 Hz	2.72



Overall Receive Delay WB

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



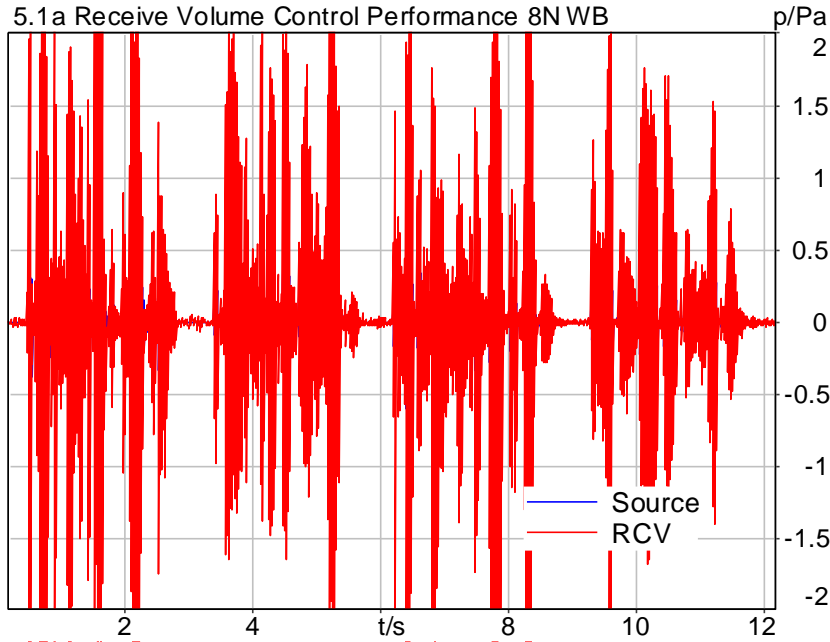
Delay (Cross): 212.2 ms

2024/2/9 下午 12:24 ACQUA 5.1.200



5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 88.28 dB[SPL], Act.: 39.00% Ok

Ok

2024/2/9 下午 12:41 ACQUA 5.1.200

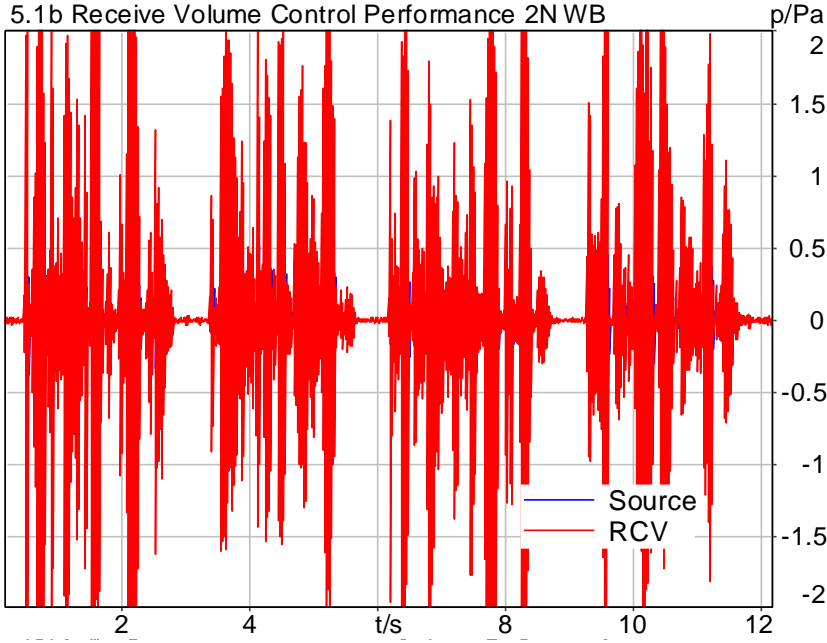
Limits

	lower
Run 1	88.00 dB20uPa



5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 87.90 dB[SPL], Act.: 46.78% Ok

Ok

2024/2/9 下午 12:45 ACQUA 5.1.200

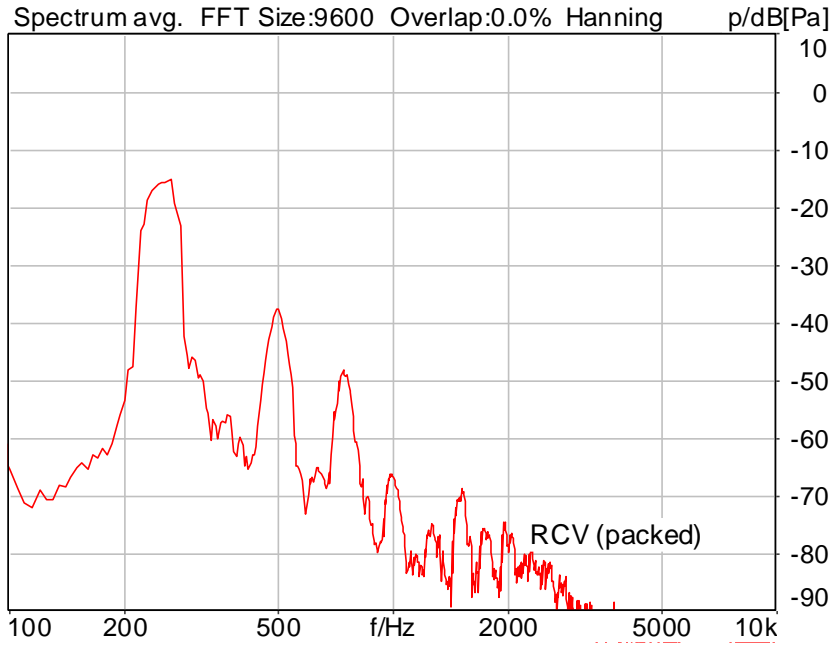
Limits

	lower
Run 1	76.00 dB20uPa



5.2 RCV Distortion and Noise - 250 Hz WB

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



Distortion (Noise) RCV (packed): 24.75 dB (5.79%) Ok

Ok

2024/2/9 下午 12:25 ACQUA 5.1.200

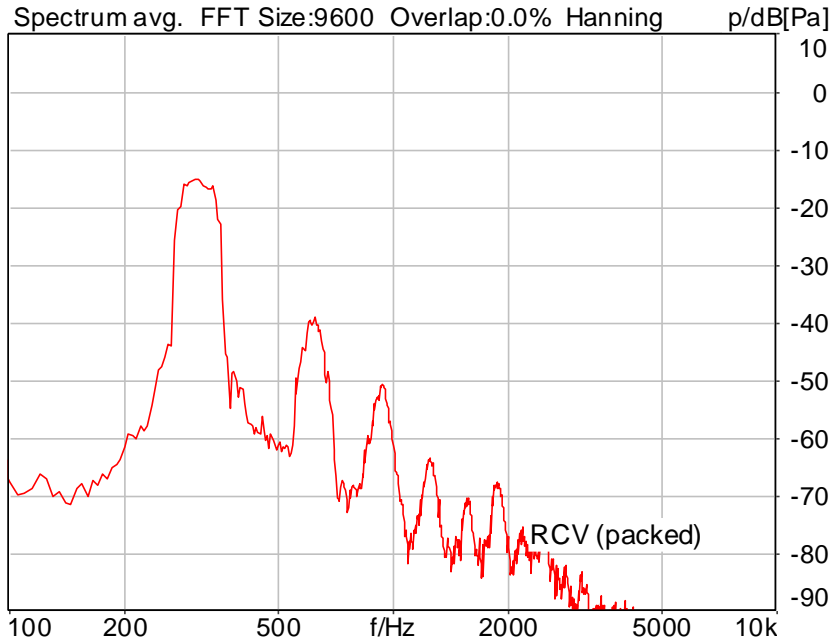
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 315 Hz WB

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



Distortion (Noise) RCV (packed): 25.33 dB (5.41%) Ok

Ok

2024/2/9 下午 12:25 ACQUA 5.1.200

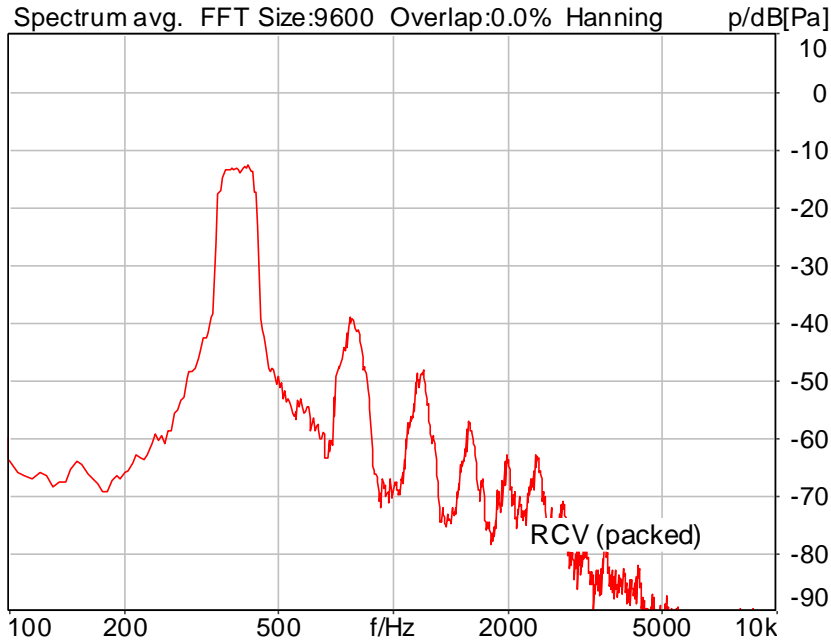
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 400 Hz WB

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



Distortion (Noise) RCV (packed): 26.52 dB (4.72%) Ok

Ok

2024/2/9 下午 12:26 ACQUA 5.1.200

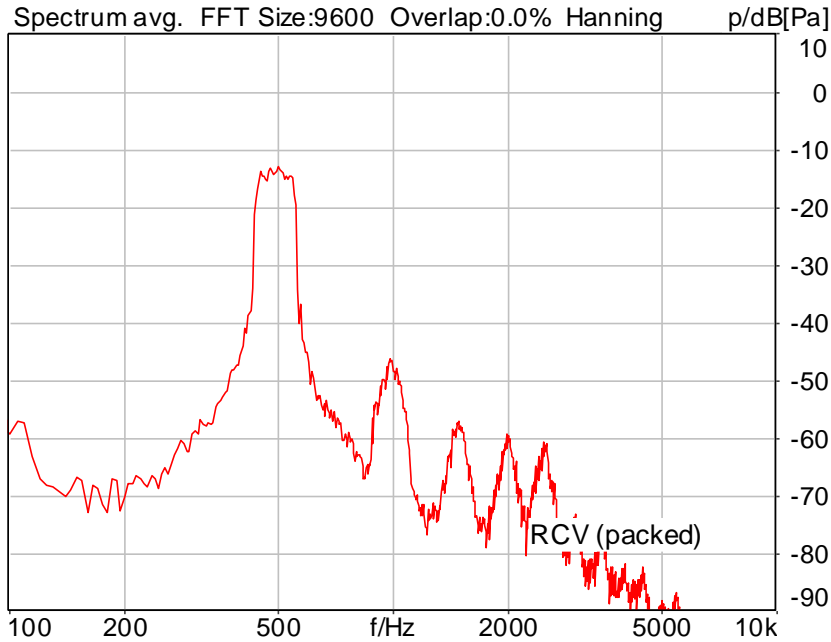
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 500 Hz WB

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



Distortion (Noise) RCV (packed): 30.86 dB (2.87%) Ok

Ok

2024/2/9 下午 12:26 ACQUA 5.1.200

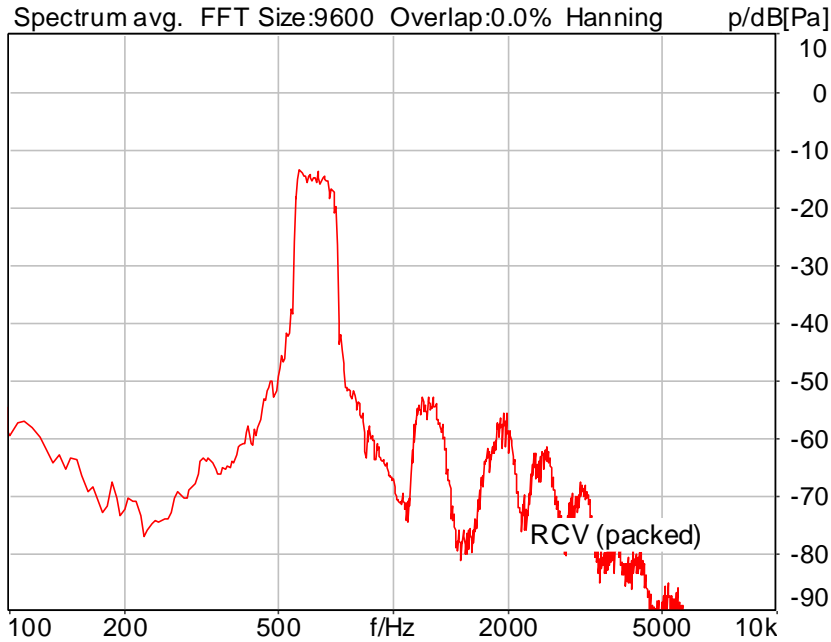
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 630 Hz WB

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



Distortion (Noise) RCV (packed): 32.76 dB (2.30%) Ok

Ok

2024/2/9 下午 12:27 ACQUA 5.1.200

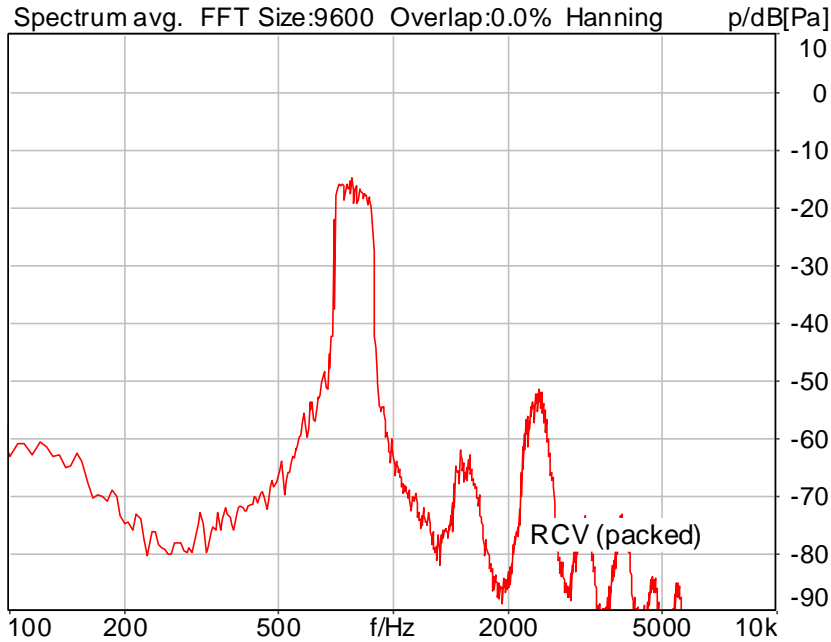
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 800 Hz WB

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



Distortion (Noise) RCV (packed): 32.02 dB (2.50%) Ok

Ok

2024/2/9 下午 12:27 ACQUA 5.1.200

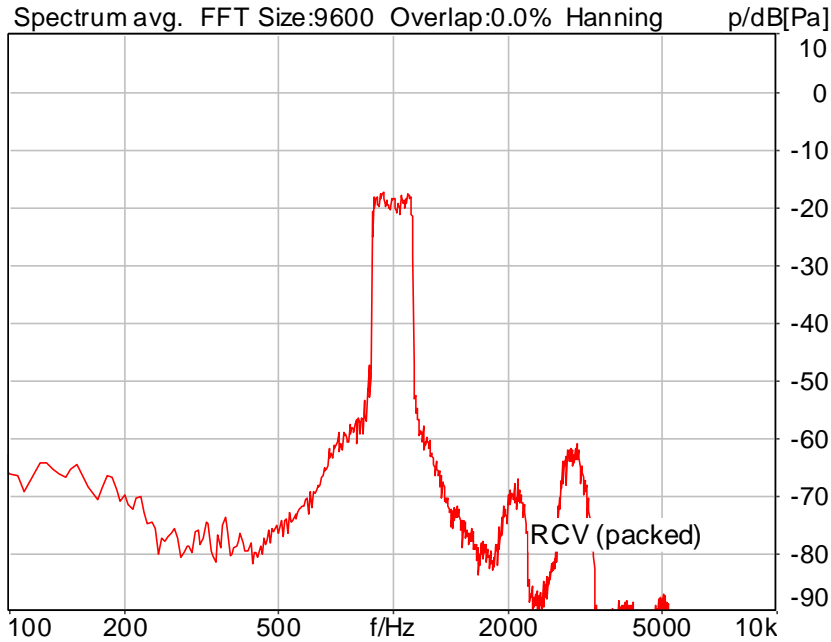
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 1000 Hz WB

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



Distortion (Noise) RCV (packed): 36.72 dB (1.46%) Ok

Ok

2024/2/9 下午 12:28 ACQUA 5.1.200

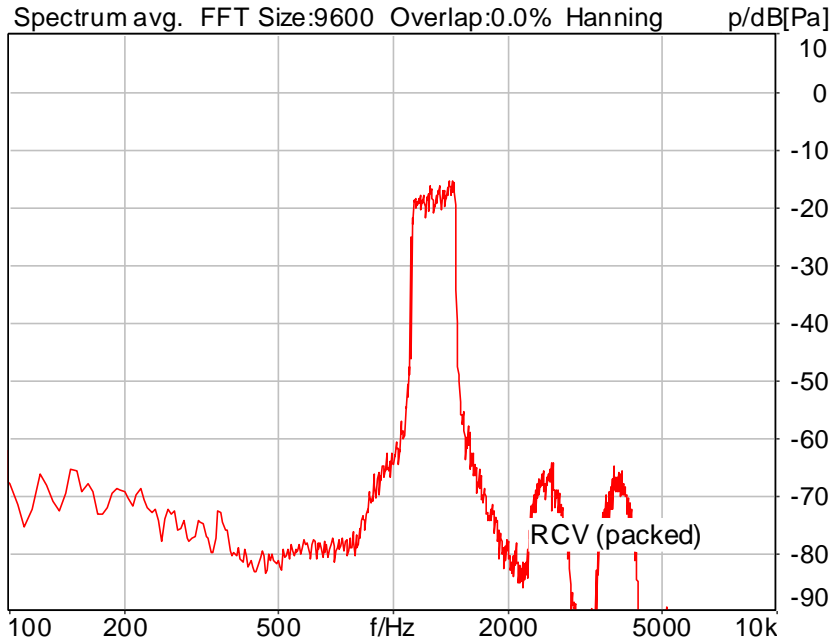
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 1250 Hz WB

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



Distortion (Noise) RCV (packed): 30.84 dB (2.87%) Ok

Ok

2024/2/9 下午 12:28 ACQUA 5.1.200

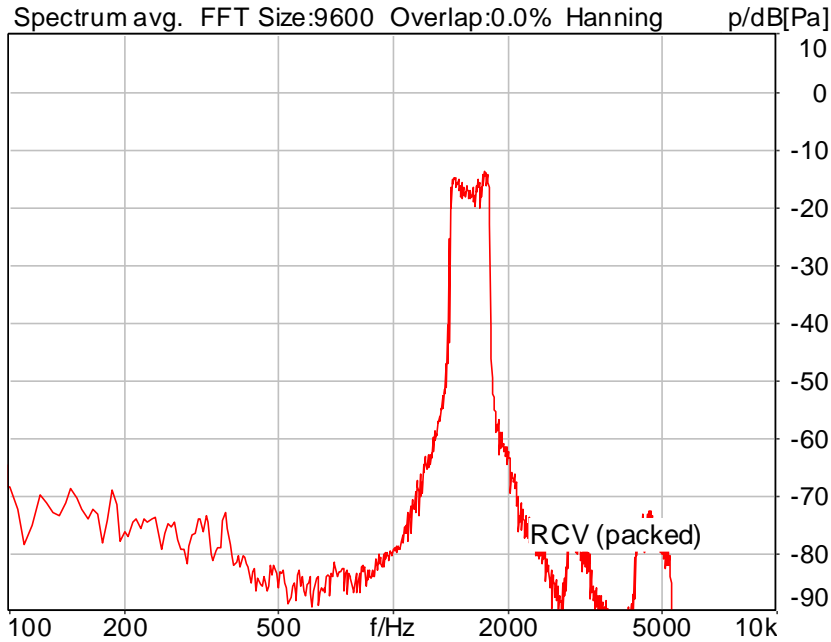
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 1600 Hz WB

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



Distortion (Noise) RCV (packed): 40.30 dB (0.97%) Ok

Ok

2024/2/9 下午 12:29 ACQUA 5.1.200

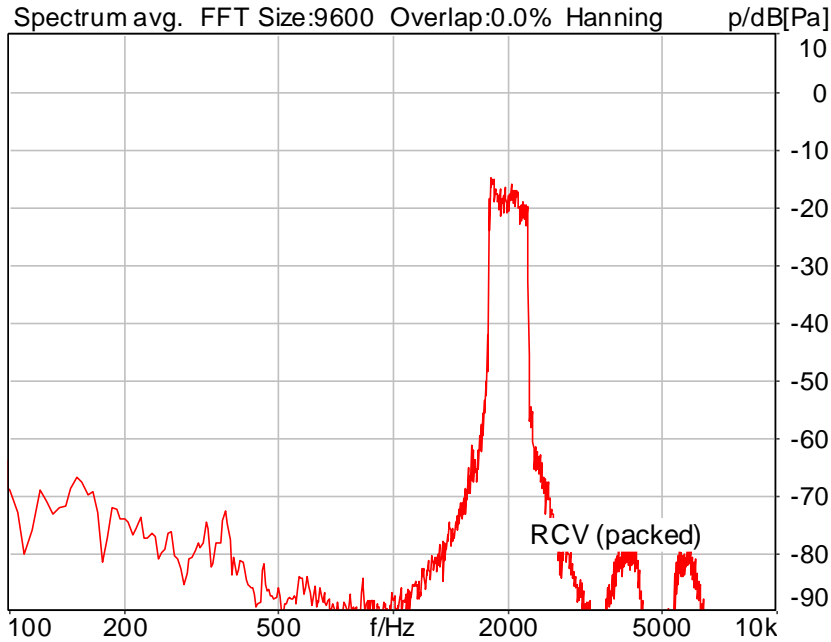
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 2000 Hz WB

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



Distortion (Noise) RCV (packed): 41.92 dB (0.80%) Ok

Ok

2024/2/9 下午 12:29 ACQUA 5.1.200

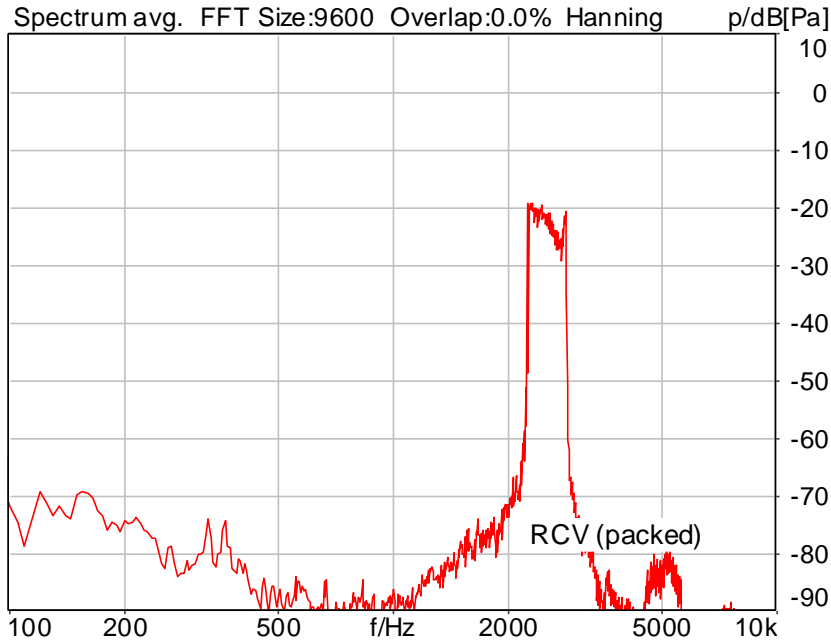
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 2500 Hz WB

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



Distortion (Noise) RCV (packed): 44.69 dB (0.58%) Ok

Ok

2024/2/9 下午 12:30 ACQUA 5.1.200

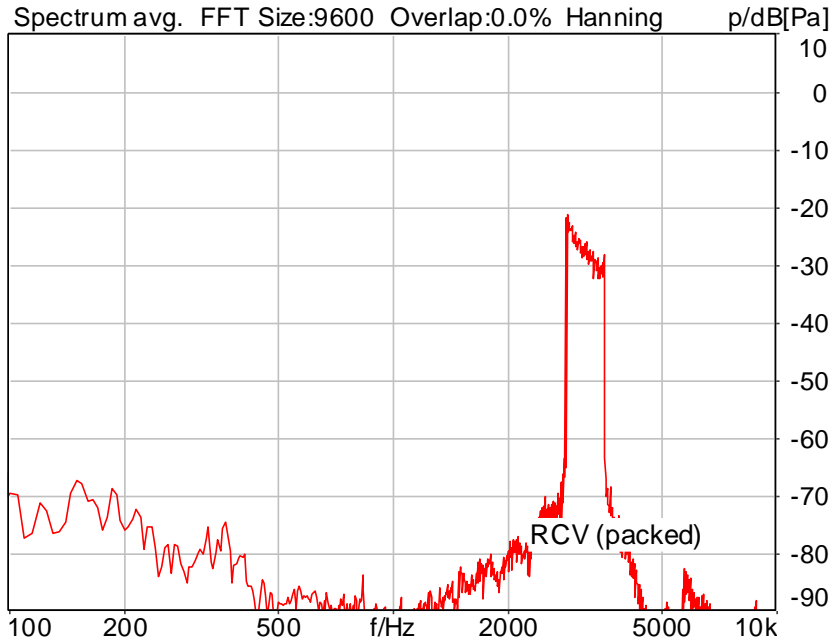
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 3150 Hz WB

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



Distortion (Noise) RCV (packed): 43.20 dB (0.69%) Ok

Ok

2024/2/9 下午 12:30 ACQUA 5.1.200

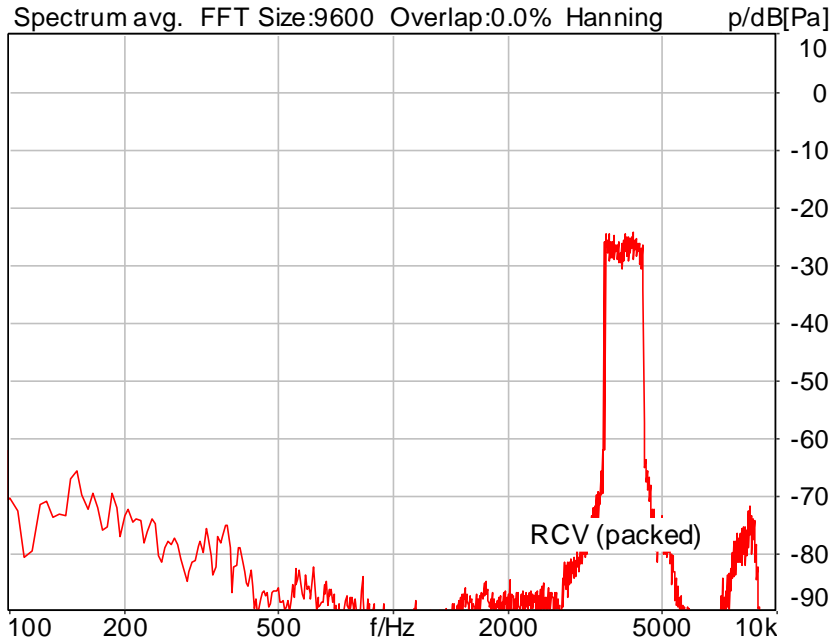
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 4000 Hz WB

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



Distortion (Noise) RCV (packed): 42.51 dB (0.75%) Ok

Ok

2024/2/9 下午 12:30 ACQUA 5.1.200

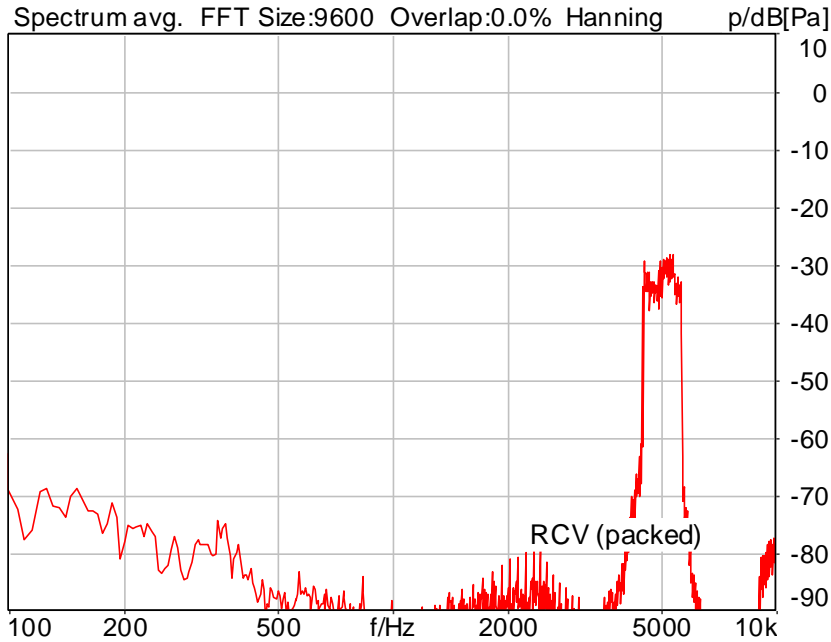
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 5000 Hz WB

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



Distortion (Noise) RCV (packed): 39.56 dB (1.05%) Ok

Ok

2024/2/9 下午 12:31 ACQUA 5.1.200

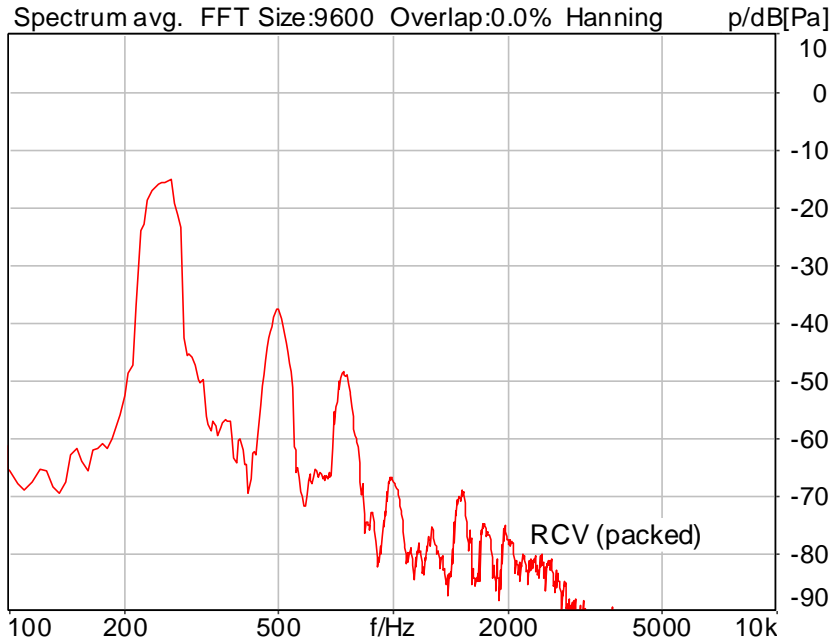
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 250 Hz WB

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



Distortion (Noise) RCV (packed): 24.73 dB (5.80%) Ok

Ok

2024/2/9 下午 12:31 ACQUA 5.1.200

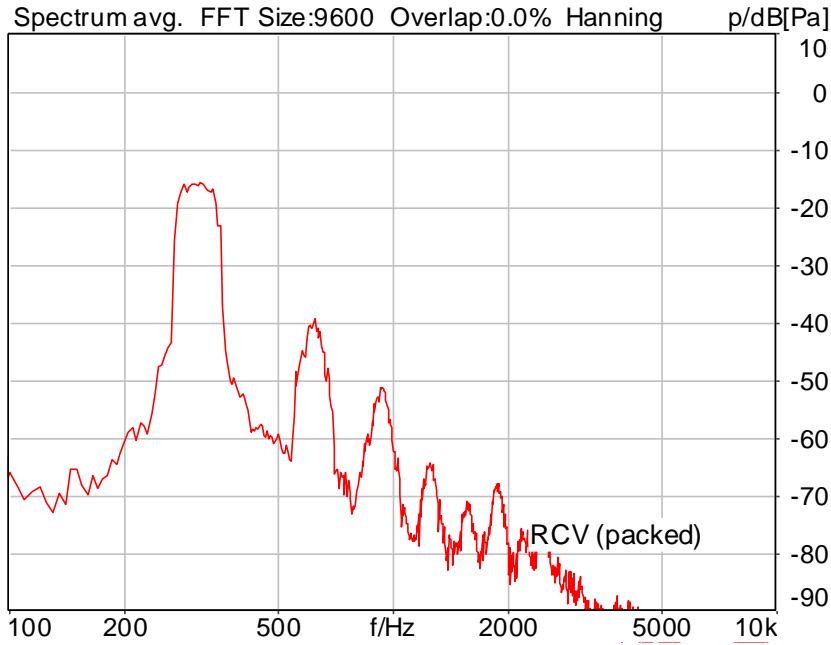
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 315 Hz WB

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



Distortion (Noise) RCV (packed): 25.52 dB (5.30%) Ok

Ok

2024/2/9 下午 12:32 ACQUA 5.1.200

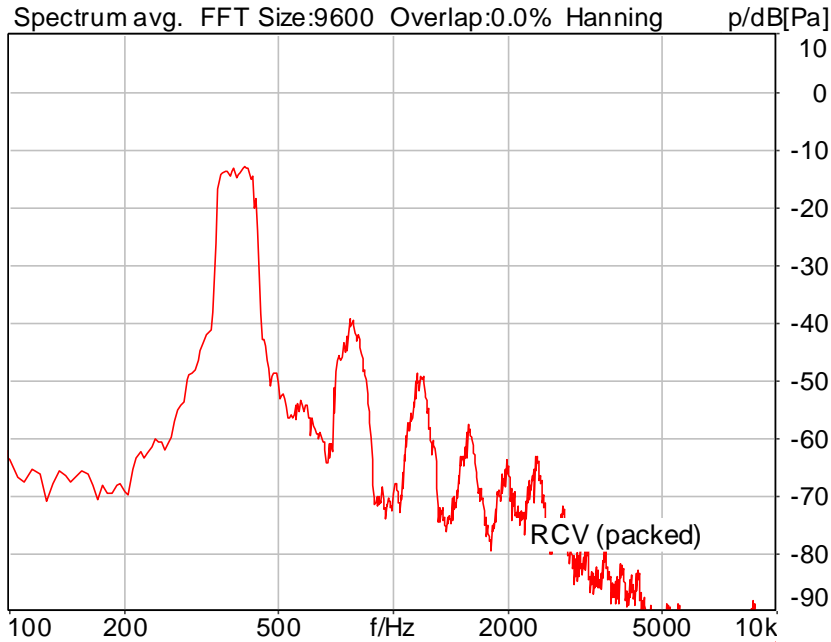
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 400 Hz WB

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



Distortion (Noise) RCV (packed): 26.71 dB (4.62%) Ok

Ok

2024/2/9 下午 12:32 ACQUA 5.1.200

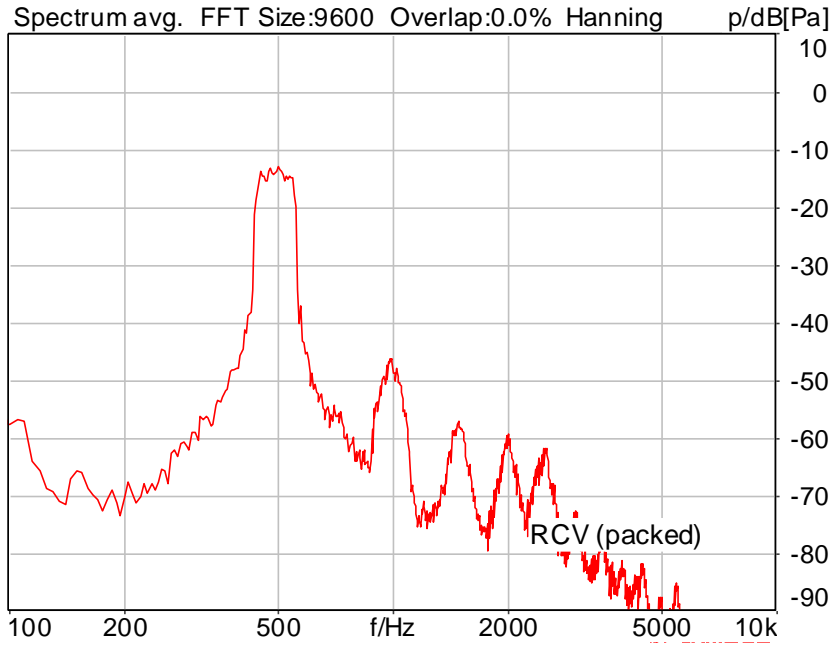
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 500 Hz WB

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



Distortion (Noise) RCV (packed): 30.82 dB (2.88%) Ok

Ok

2024/2/9 下午 12:33 ACQUA 5.1.200

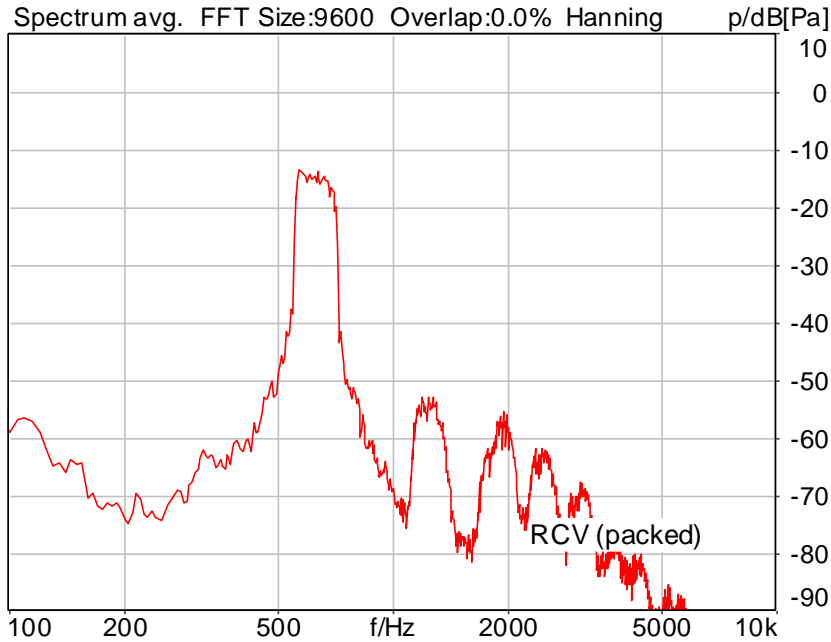
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 630 Hz WB

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



Distortion (Noise) RCV (packed): 32.74 dB (2.31%) Ok

Ok

2024/2/9 下午 12:33 ACQUA 5.1.200

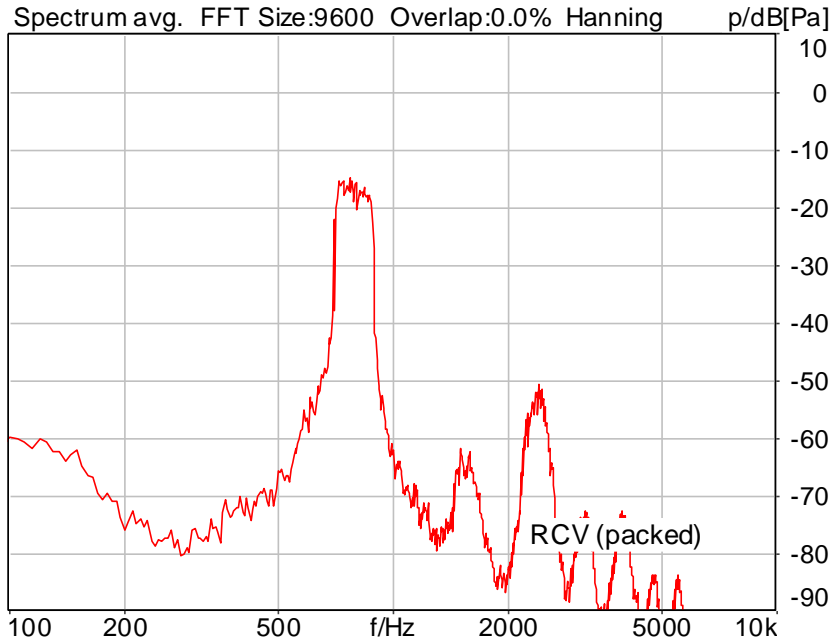
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 800 Hz WB

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



Distortion (Noise) RCV (packed): 31.69 dB (2.60%) Ok

Ok

2024/2/9 下午 12:34 ACQUA 5.1.200

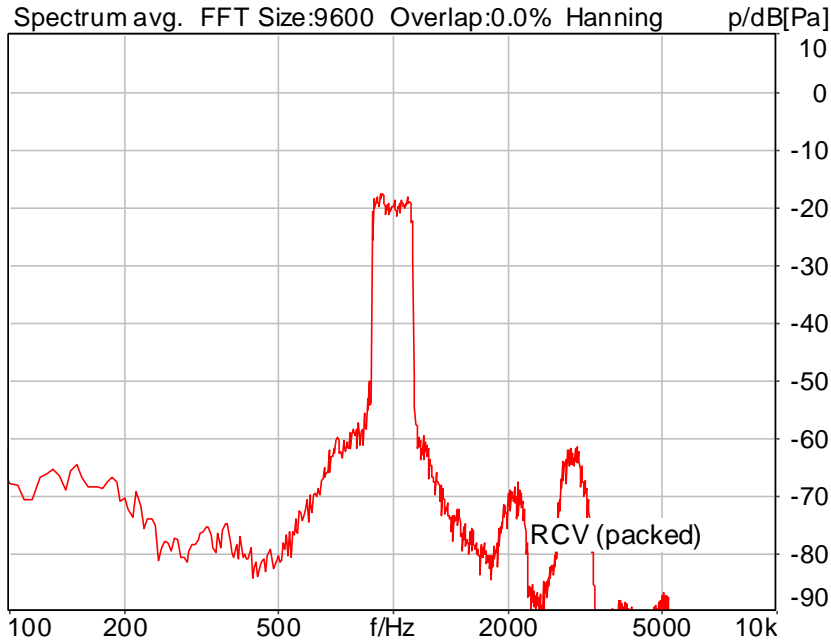
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 1000 Hz WB

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



Distortion (Noise) RCV (packed): 37.22 dB (1.38%) Ok

Ok

2024/2/9 下午 12:34 ACQUA 5.1.200

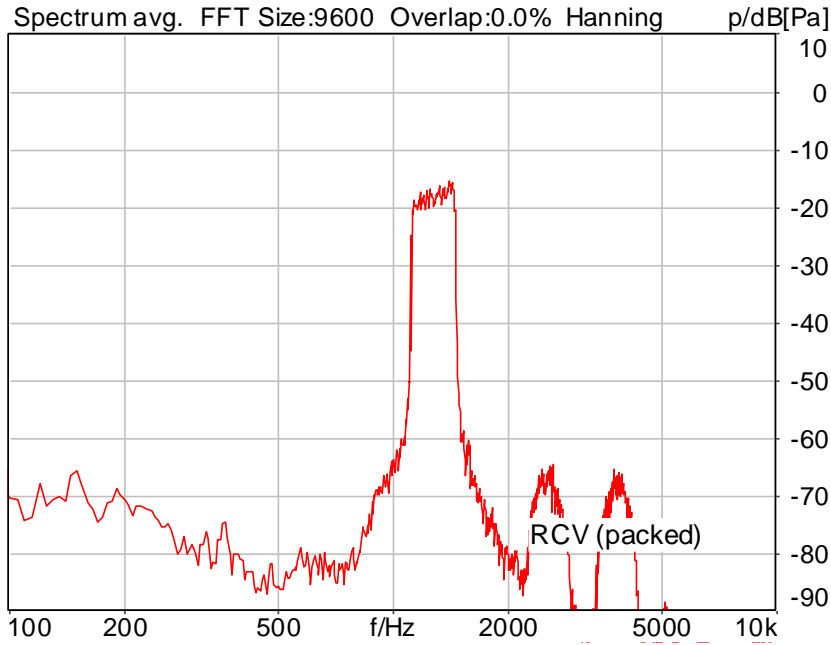
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 1250 Hz WB

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



Distortion (Noise) RCV (packed): 33.17 dB (2.20%) Ok

Ok

2024/2/9 下午 12:35 ACQUA 5.1.200

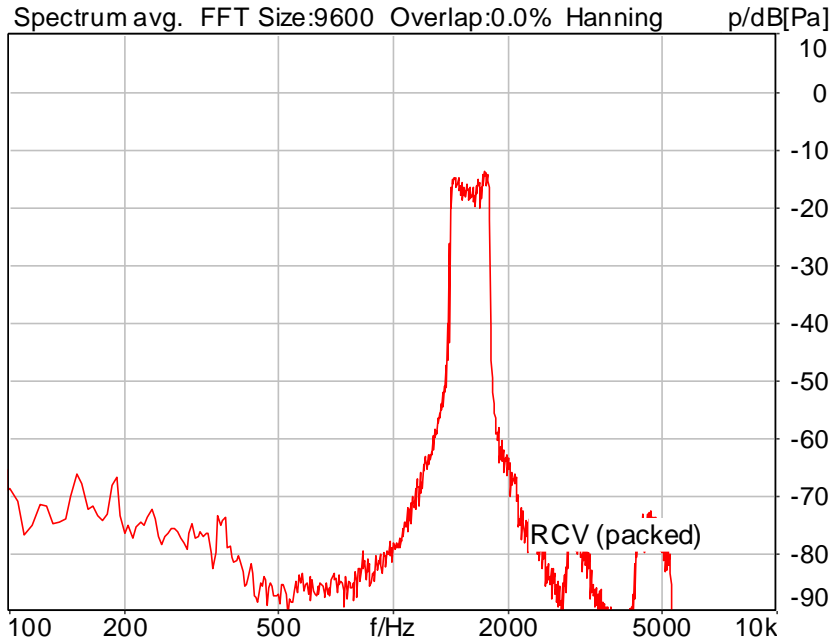
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 1600 Hz WB

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



Distortion (Noise) RCV (packed): 40.58 dB (0.94%) Ok

Ok

2024/2/9 下午 12:35 ACQUA 5.1.200

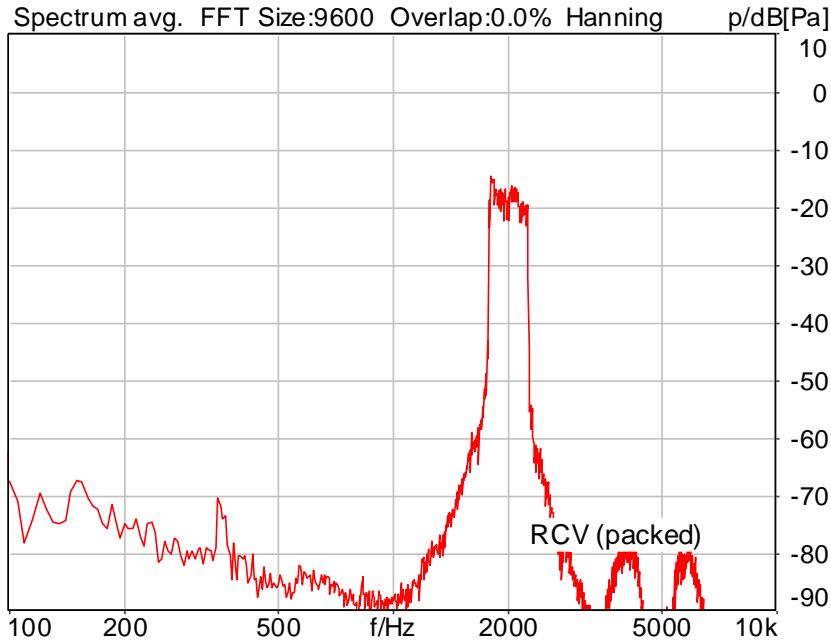
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 2000 Hz WB

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



Distortion (Noise) RCV (packed): 40.42 dB (0.95%) Ok

Ok

2024/2/9 下午 12:36 ACQUA 5.1.200

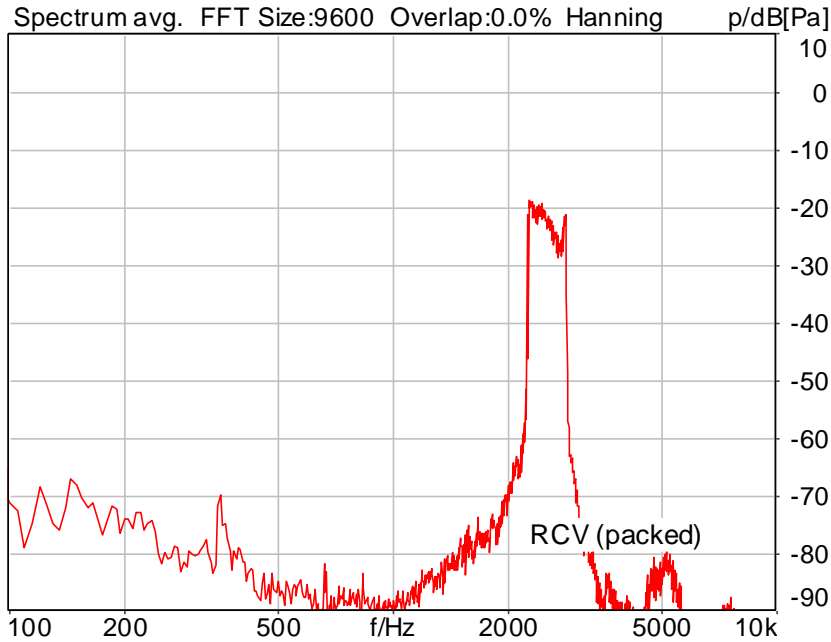
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 2500 Hz WB

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



Distortion (Noise) RCV (packed): 41.86 dB (0.81%) Ok

Ok

2024/2/9 下午 12:36 ACQUA 5.1.200

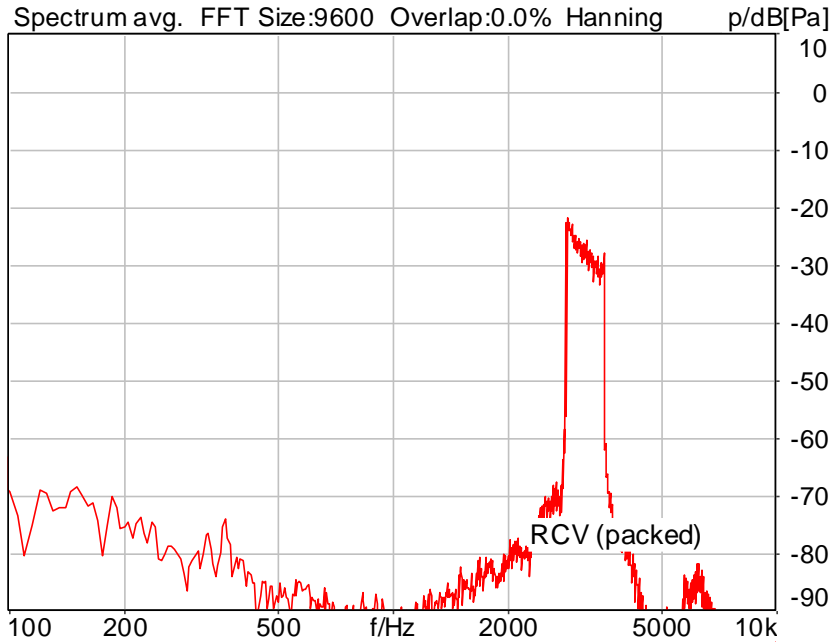
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 3150 Hz WB

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



Distortion (Noise) RCV (packed): 41.98 dB (0.80%) Ok

Ok

2024/2/9 下午 12:37 ACQUA 5.1.200

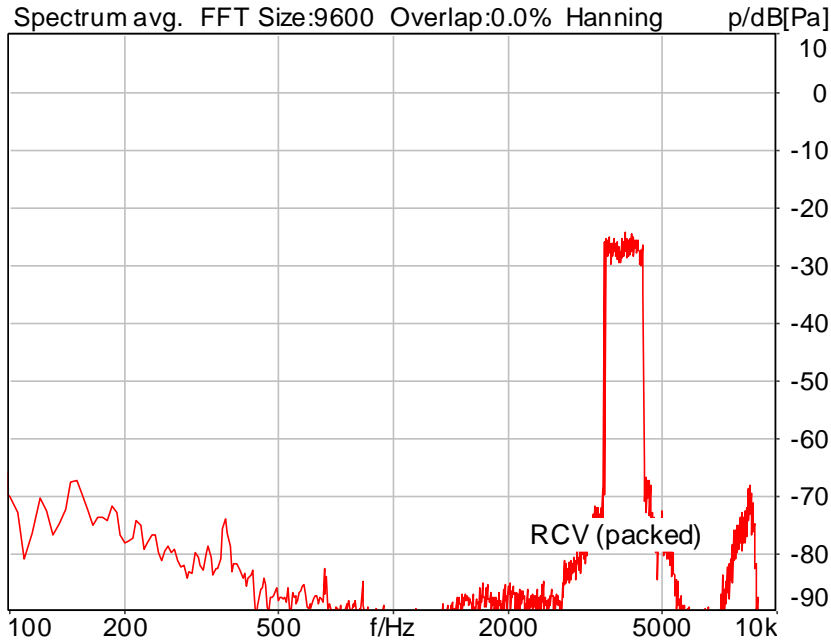
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 4000 Hz WB

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



Distortion (Noise) RCV (packed): 44.16 dB (0.62%) Ok

Ok

2024/2/9 下午 12:37 ACQUA 5.1.200

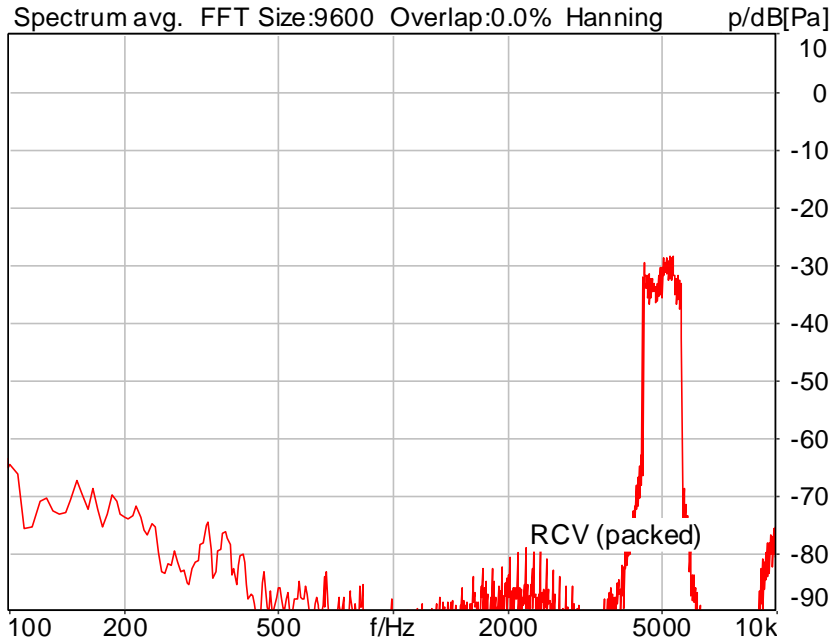
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 5000 Hz WB

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



Distortion (Noise) RCV (packed): 40.72 dB (0.92%) Ok

Ok

2024/2/9 下午 12:38 ACQUA 5.1.200

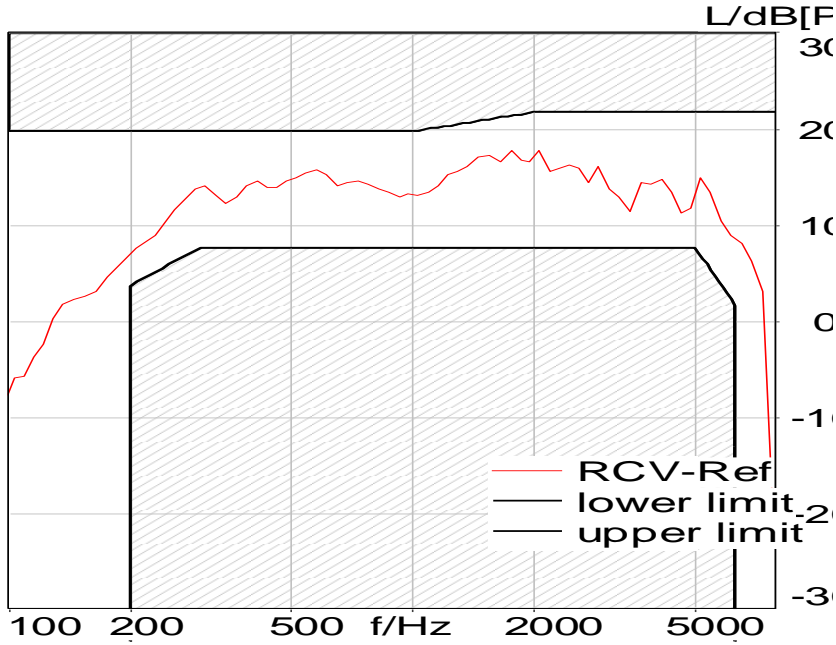
Limits

	lower
Run 1	20.00 dB



5.3 Frequency Response 8N DF

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



Absolute minimal distance

3.55 dB at 1747.8 Hz Ok

Ok

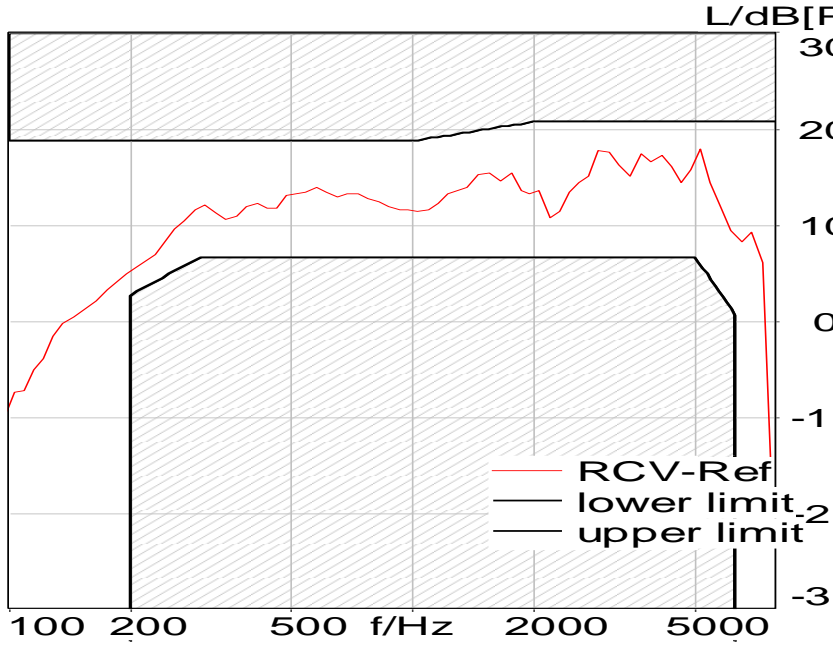
2024/2/9 下午 12:38 ACQUA 5.1.200

Limits

	lower
Run 1	Fit into tolerance

5.3 Frequency Response 2N DF

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



Absolute minimal distance

2.72 dB at 5143.7 Hz Ok

Ok

2024/2/9 下午 12:44 ACQUA 5.1.200

Limits

	lower
Run 1	Fit into tolerance



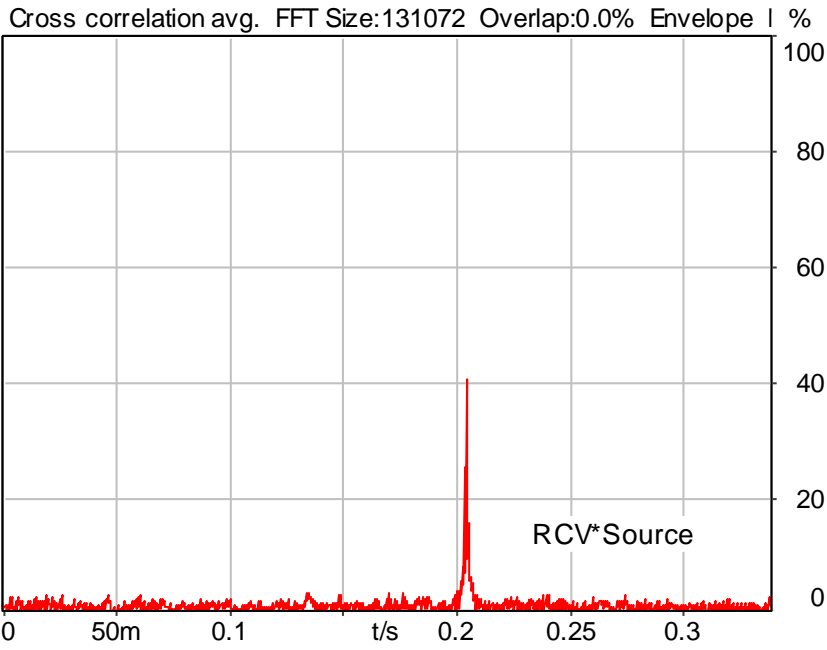
#2 NR n14 EVS NB 24.4Kbps

SMD	Status	Single Value Description	Single Value
Overall Receive Delay NB	Done	Delay (Cross) [ms]	204.7
5.1a Receive Volume Control Performance 8N NB	Ok	Speech Level [dB[SPL]]	88.23
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	91.19
5.2 RCV Distortion and Noise - 400 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	28.69
5.2 RCV Distortion and Noise - 500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	32.26
5.2 RCV Distortion and Noise - 630 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	33.72
5.2 RCV Distortion and Noise - 800 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	30.64
5.2 RCV Distortion and Noise - 1000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	36.39
5.2 RCV Distortion and Noise - 1250 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	31.59
5.2 RCV Distortion and Noise - 1600 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	41.18
5.2 RCV Distortion and Noise - 2000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	43.67
5.2 RCV Distortion and Noise - 2500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	43.46
5.2 RCV Distortion and Noise - 3150 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	42.29
5.2 RCV Distortion and Noise - 400 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	30.04
5.2 RCV Distortion and Noise - 500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	33.96
5.2 RCV Distortion and Noise - 630 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	37.11
5.2 RCV Distortion and Noise - 800 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	38.08
5.2 RCV Distortion and Noise - 1000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	38.89
5.2 RCV Distortion and Noise - 1250 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	22.38
5.2 RCV Distortion and Noise - 1600 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	39.90
5.2 RCV Distortion and Noise - 2000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	42.62
5.2 RCV Distortion and Noise - 2500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	42.36
5.2 RCV Distortion and Noise - 3150 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	42.39
5.3 Frequency Response 8N DF HANB	Ok	Min. dist. to tolerance scheme [dB], 2057.5 Hz	2.07
5.3 Frequency Response 2N DF HANB	Ok	Min. dist. to tolerance scheme [dB], 2883.7 Hz	1.20



Overall Receive Delay NB

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



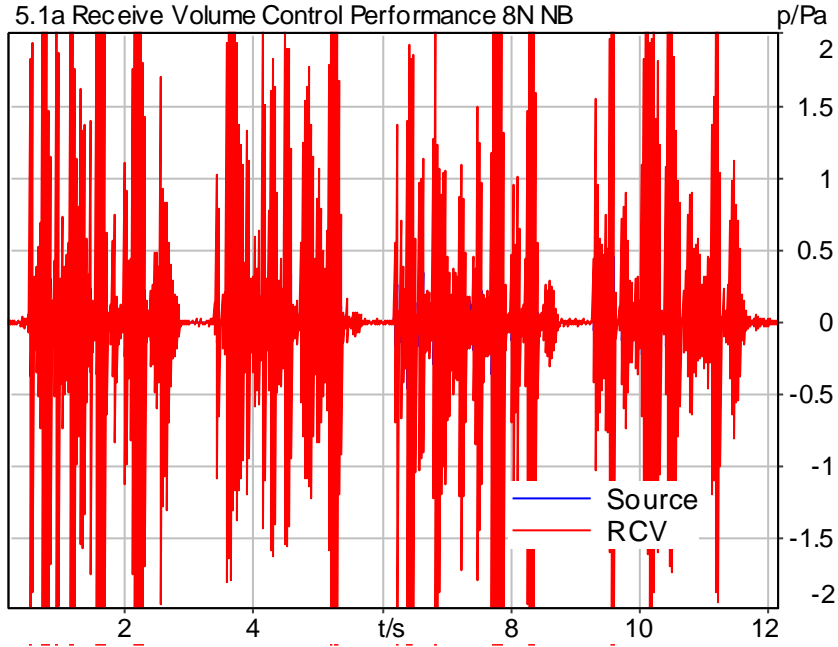
Delay (Cross): 204.7 ms

2024/2/19 下午 09:35 ACQUA 5.1.200



5.1a Receive Volume Control Performance 8N NB

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



Speech Level RCV: 88.23 dB[SPL], Act.: 47.31% Ok

Ok

2024/2/19 下午 09:41 ACQUA 5.1.200

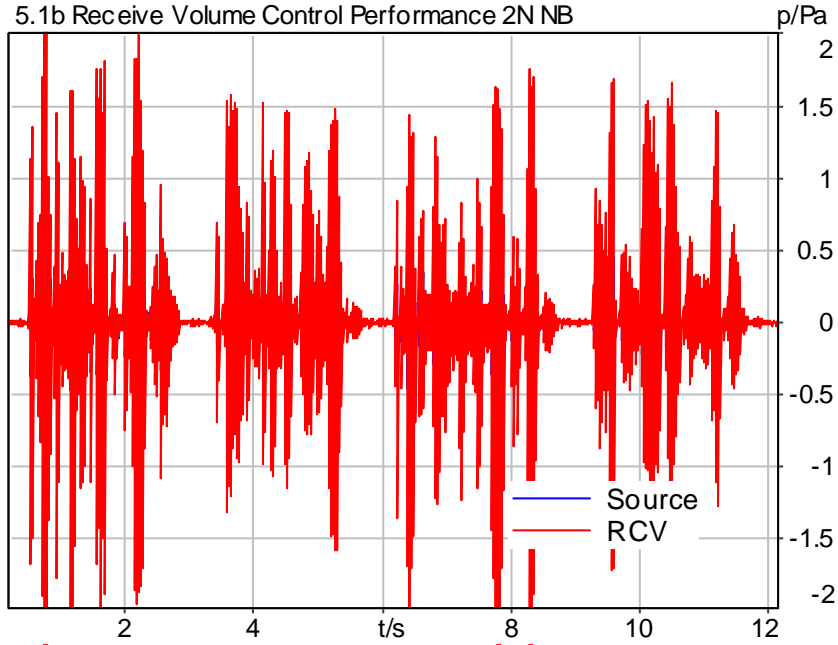
Limits

	lower
Run 1	88.00 dB20uPa



5.1b Receive Volume Control Performance 2N NB

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



Speech Level RCV: 91.19 dB[SPL], Act.: 10.62% Ok

Ok

2024/2/19 下午 09:49 ACQUA 5.1.200

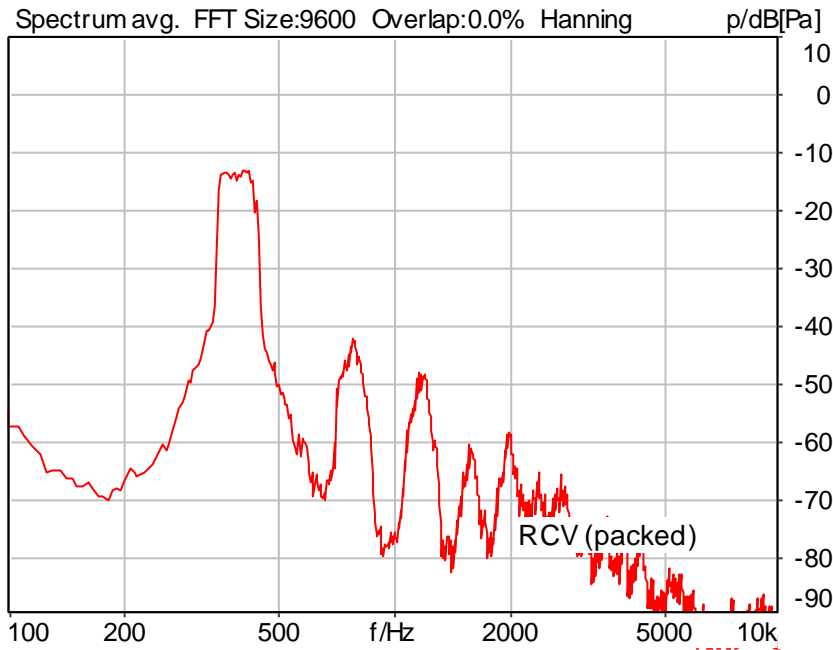
Limits

	lower
Run 1	76.00 dB20uPa



5.2 RCV Distortion and Noise - 400 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 8N change frequency range



Distortion (Noise) RCV (packed): 28.69 dB (3.68%) Ok

Ok

2024/2/19 下午 09:36 ACQUA 5.1.200

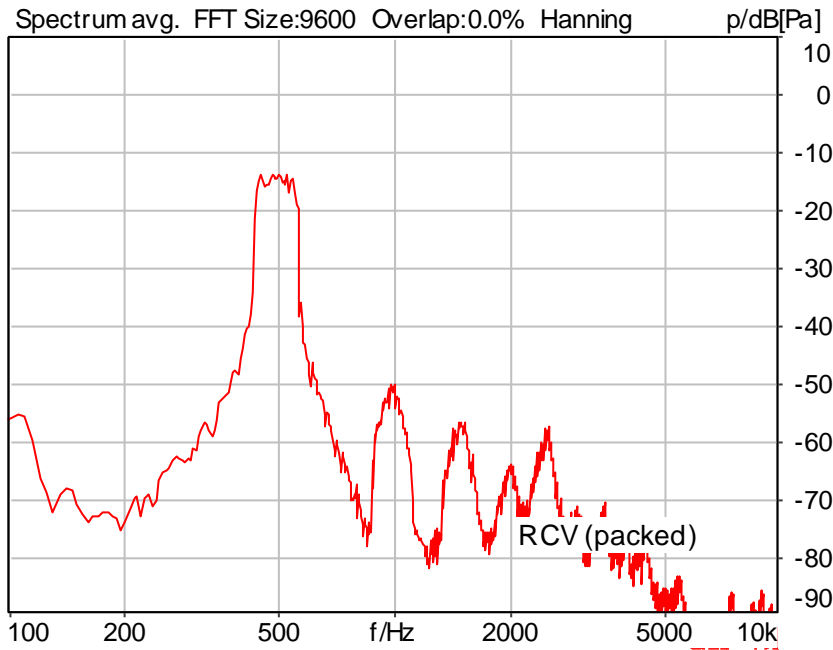
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 500 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 8N change frequency range



Distortion (Noise) RCV (packed): 32.26 dB (2.44%) Ok

Ok

2024/2/19 下午 09:36 ACQUA 5.1.200

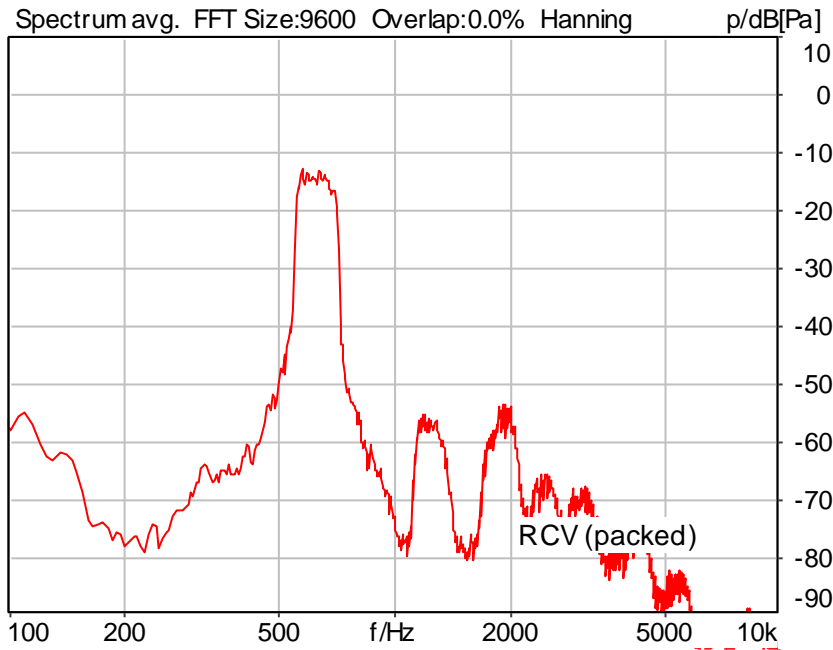
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 630 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 8N change frequency range



Distortion (Noise) RCV (packed): 33.72 dB (2.06%) Ok

Ok

2024/2/19 下午 09:36 ACQUA 5.1.200

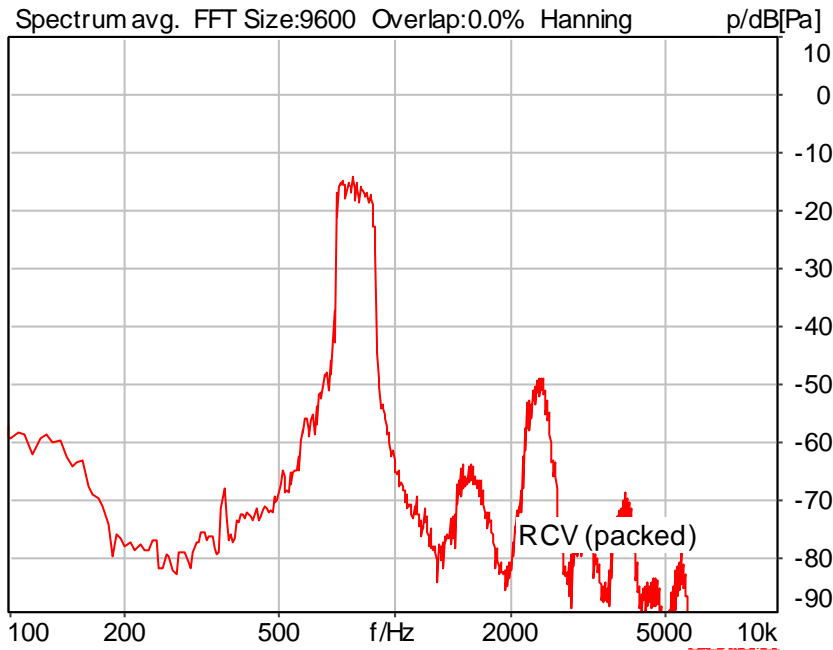
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 800 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 8N change frequency range



Distortion (Noise) RCV (packed): 30.64 dB (2.94%) Ok

Ok

2024/2/19 下午 09:37 ACQUA 5.1.200

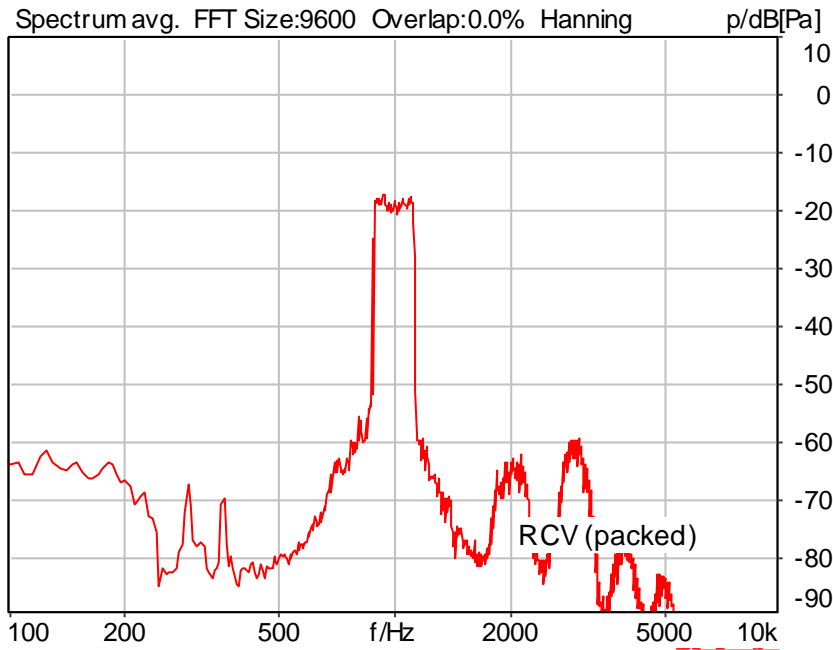
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 1000 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 8N change frequency range



Distortion (Noise) RCV (packed): 36.39 dB (1.52%) Ok

Ok

2024/2/19 下午 09:37 ACQUA 5.1.200

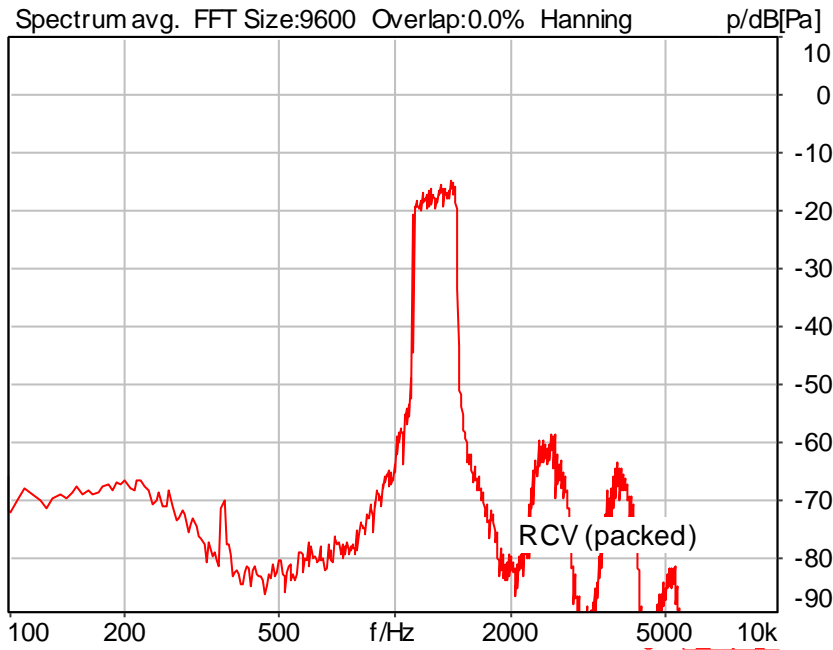
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 1250 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 8N change frequency range



Distortion (Noise) RCV (packed): 31.59 dB (2.63%) Ok

Ok

2024/2/19 下午 09:38 ACQUA 5.1.200

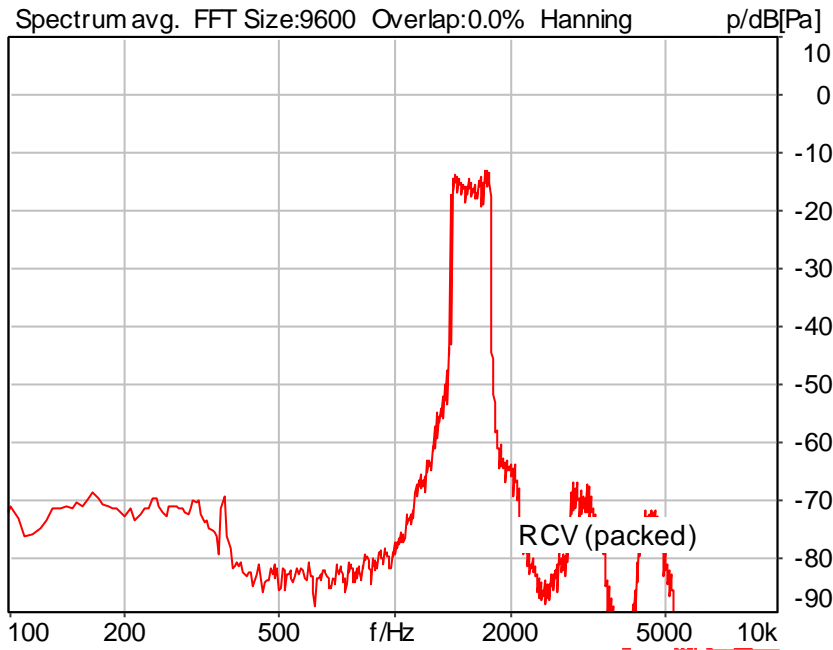
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 1600 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 8N change frequency range



Distortion (Noise) RCV (packed): 41.18 dB (0.87%) Ok

Ok

2024/2/19 下午 09:38 ACQUA 5.1.200

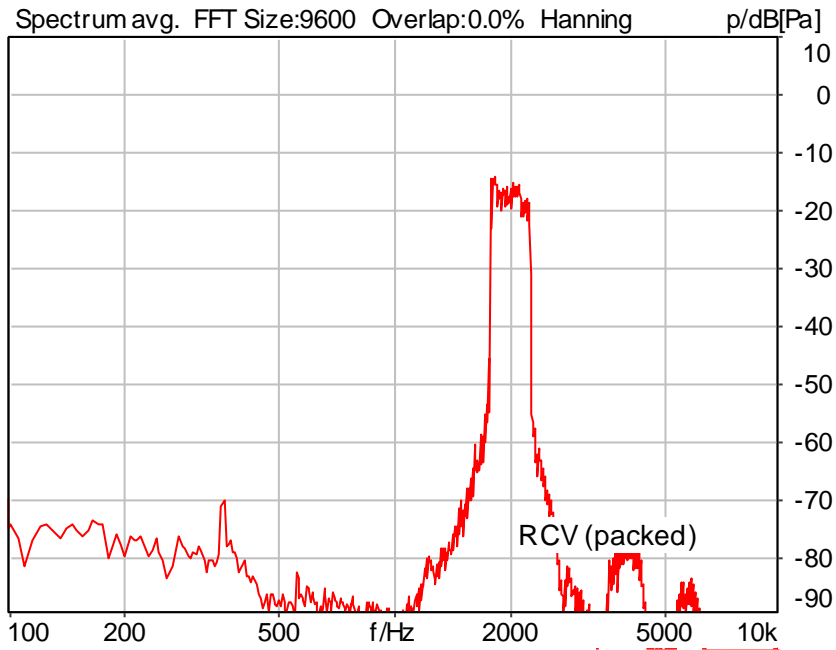
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 2000 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 8N change frequency range



Distortion (Noise) RCV (packed): 43.67 dB (0.66%) Ok

Ok

2024/2/19 下午 09:39 ACQUA 5.1.200

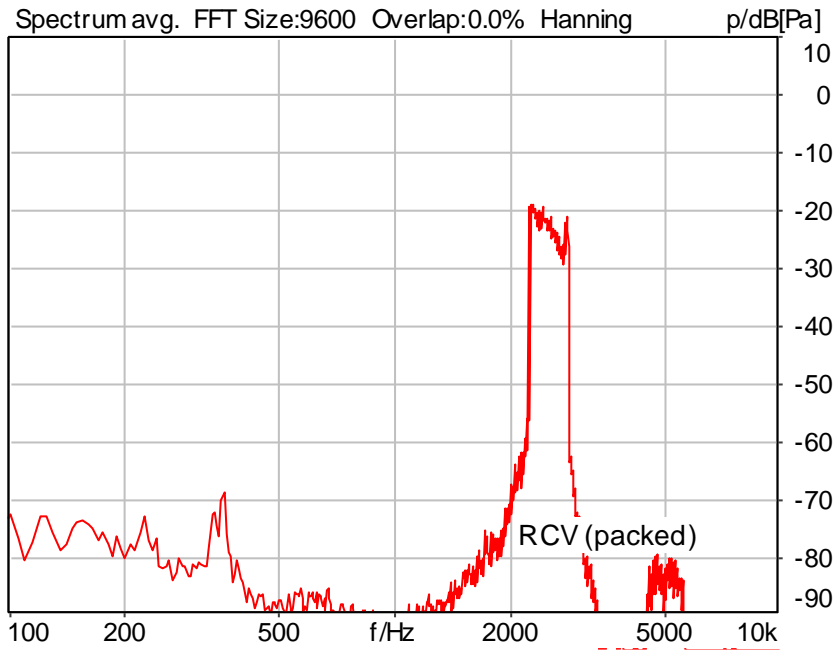
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 2500 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 8N change frequency range



Distortion (Noise) RCV (packed): 43.46 dB (0.67%) Ok

Ok

2024/2/19 下午 09:39 ACQUA 5.1.200

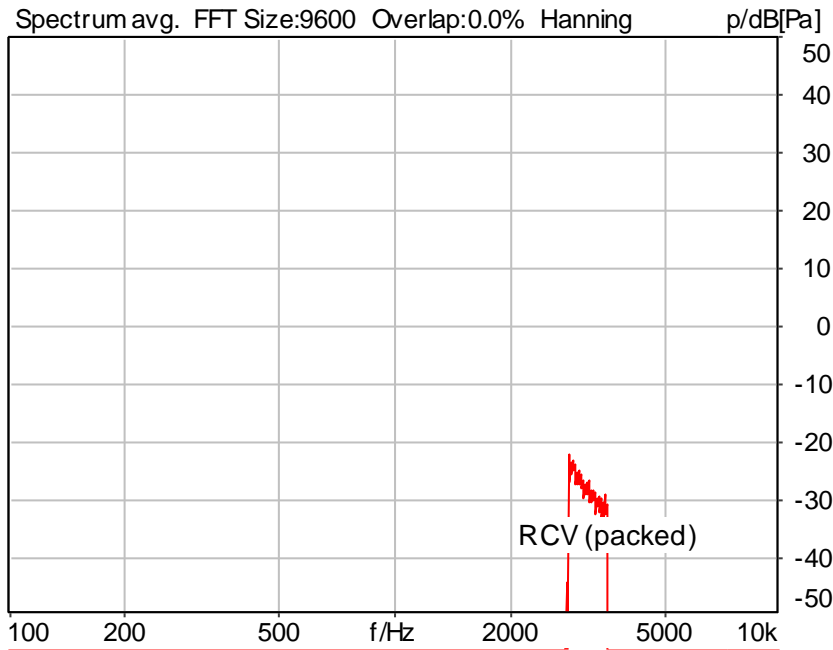
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 3150 Hz NB

TIA-5050 (2018-01) \ Measurements \ Narrowband \ 5.2 Receive Distortion and Noise 8N change frequency range



Distortion (Noise) RCV (packed): 42.29 dB (0.77%) Ok

Ok

2024/2/19 下午 09:40 ACQUA 5.1.200

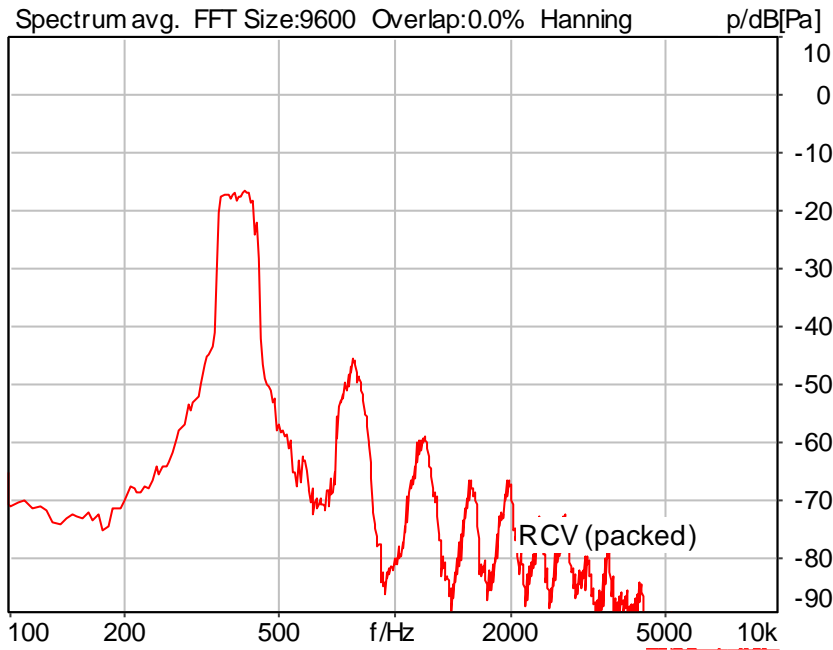
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 400 Hz NB

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



Distortion (Noise) RCV (packed): 30.04 dB (3.15%) Ok

Ok

2024/2/19 下午 09:43 ACQUA 5.1.200

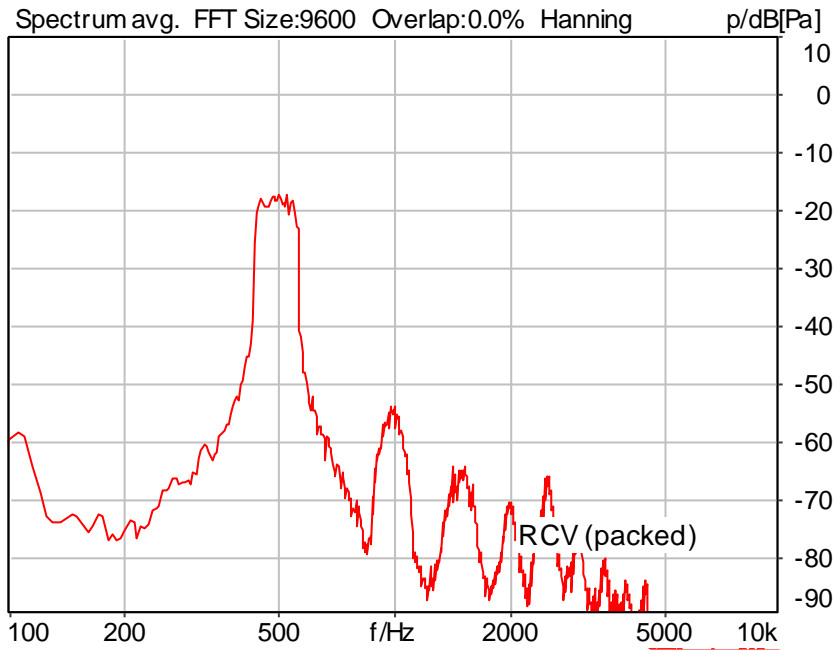
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 500 Hz NB

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



Distortion (Noise) RCV (packed): 33.96 dB (2.01%) Ok

Ok

2024/2/19 下午 09:43 ACQUA 5.1.200

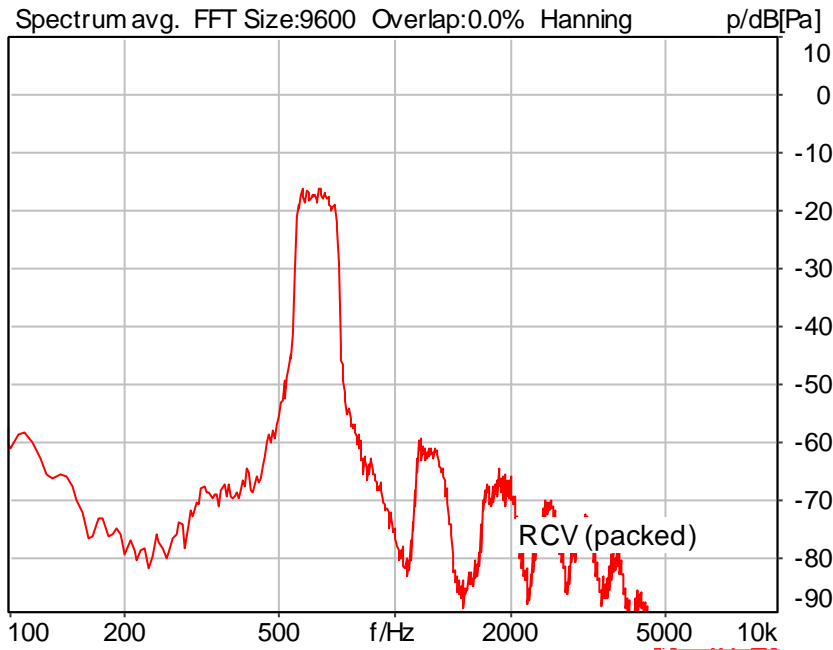
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 630 Hz NB

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



Distortion (Noise) RCV (packed): 37.11 dB (1.40%) Ok

Ok

2024/2/19 下午 09:44 ACQUA 5.1.200

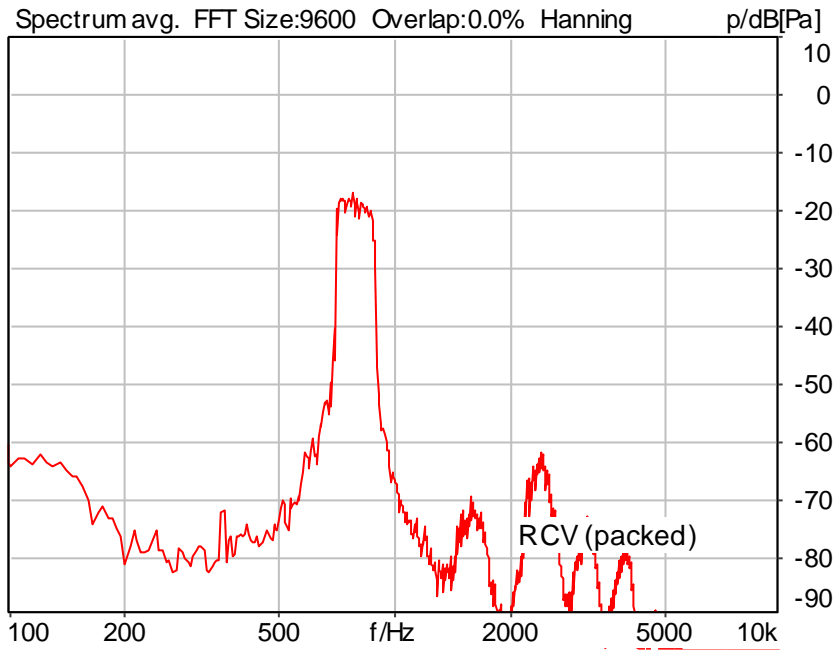
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 800 Hz NB

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



Distortion (Noise) RCV (packed): 38.08 dB (1.25%) Ok

Ok

2024/2/19 下午 09:44 ACQUA 5.1.200

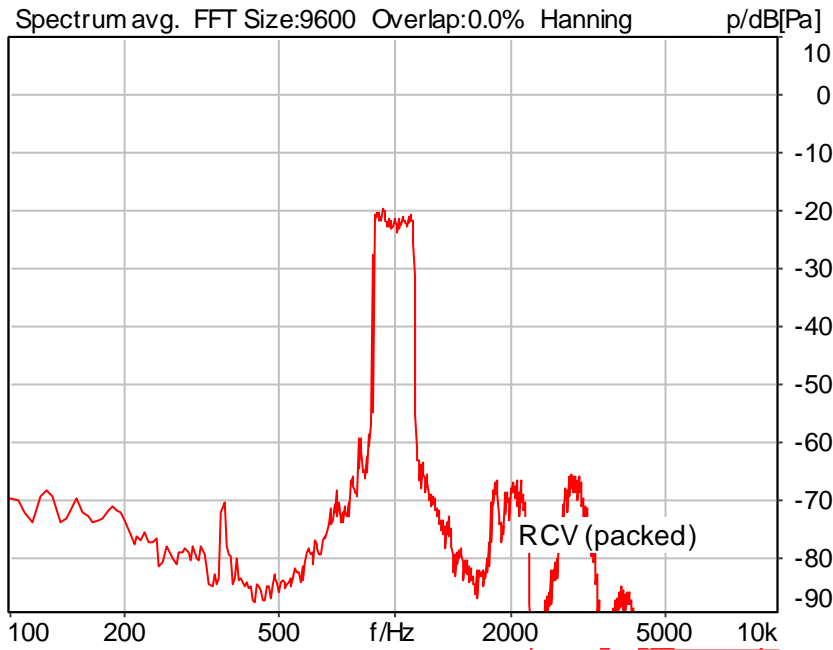
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 1000 Hz NB

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



Distortion (Noise) RCV (packed): 38.89 dB (1.14%) Ok

Ok

2024/2/19 下午 09:45 ACQUA 5.1.200

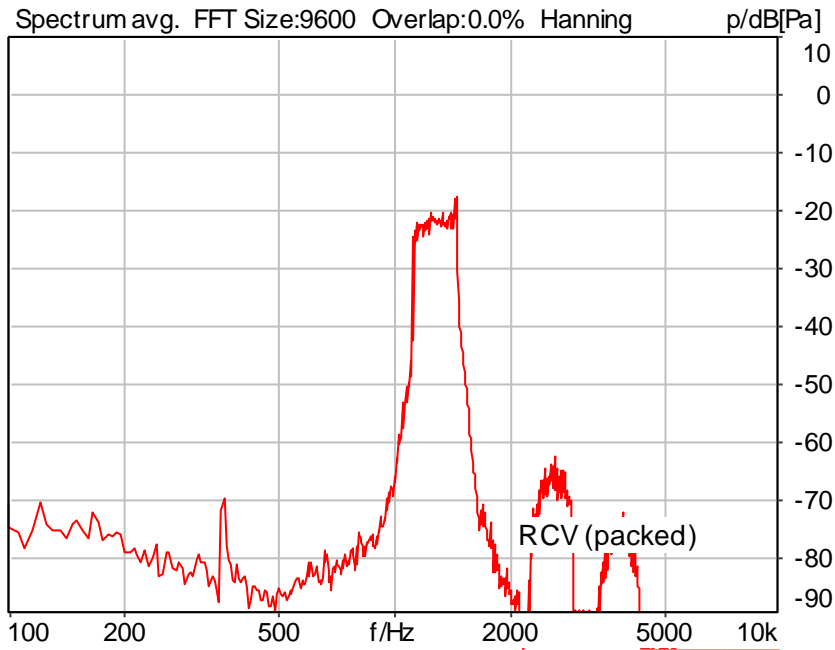
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 1250 Hz NB

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



Distortion (Noise) RCV (packed): 22.38 dB (7.61%) Ok

Ok

2024/2/19 下午 09:45 ACQUA 5.1.200

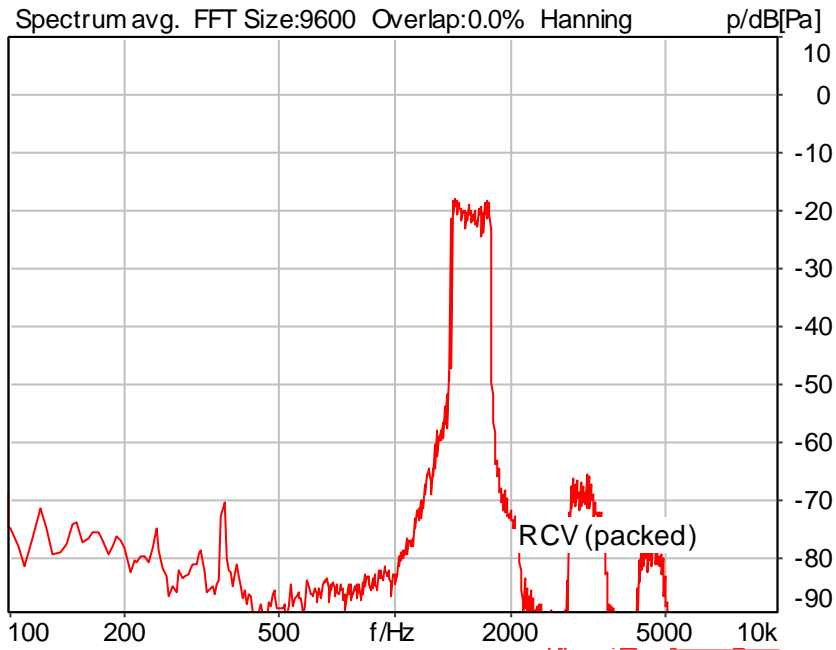
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 1600 Hz NB

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



Distortion (Noise) RCV (packed): 39.90 dB (1.01%) Ok

Ok

2024/2/19 下午 09:45 ACQUA 5.1.200

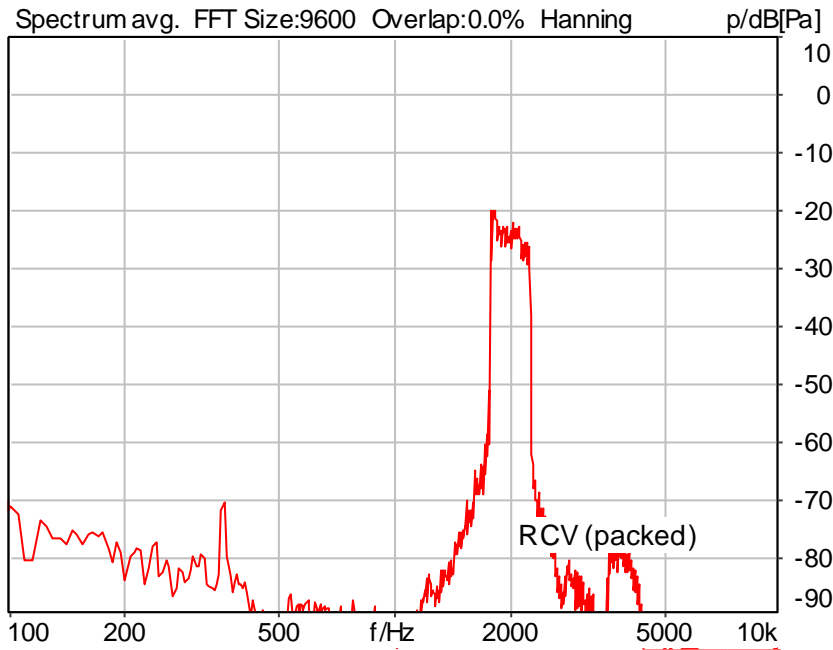
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 2000 Hz NB

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



Distortion (Noise) RCV (packed): 42.62 dB (0.74%) Ok

Ok

2024/2/19 下午 09:46 ACQUA 5.1.200

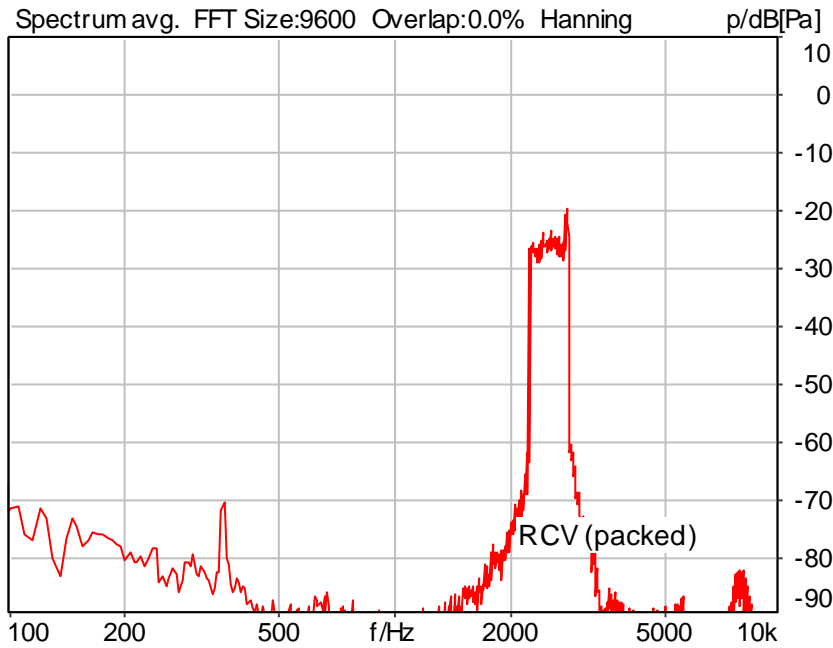
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 2500 Hz NB

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



Distortion (Noise) RCV (packed): 42.36 dB (0.76%) Ok

Ok

2024/2/19 下午 09:46 ACQUA 5.1.200

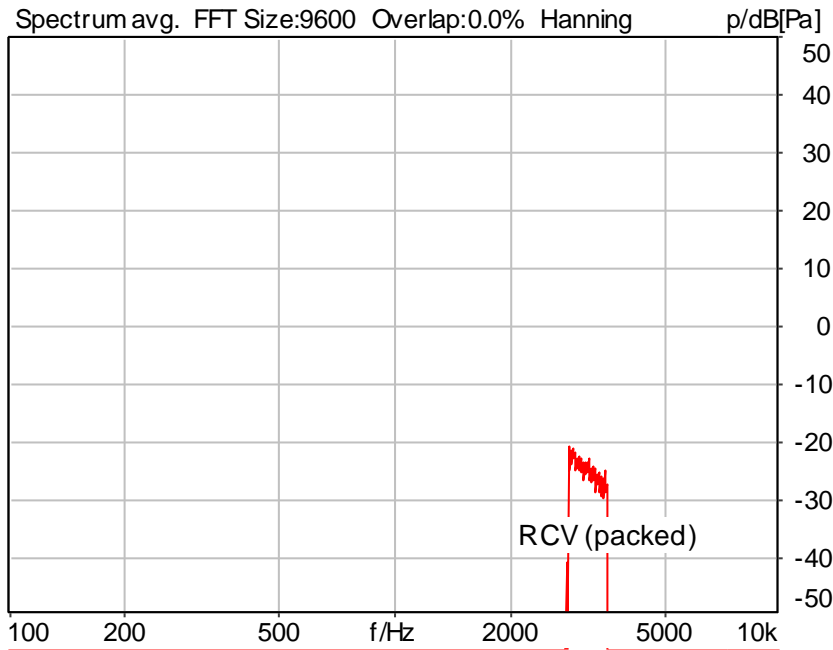
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 3150 Hz NB

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



Distortion (Noise) RCV (packed): 42.39 dB (0.76%) Ok

Ok

2024/2/19 下午 09:47 ACQUA 5.1.200

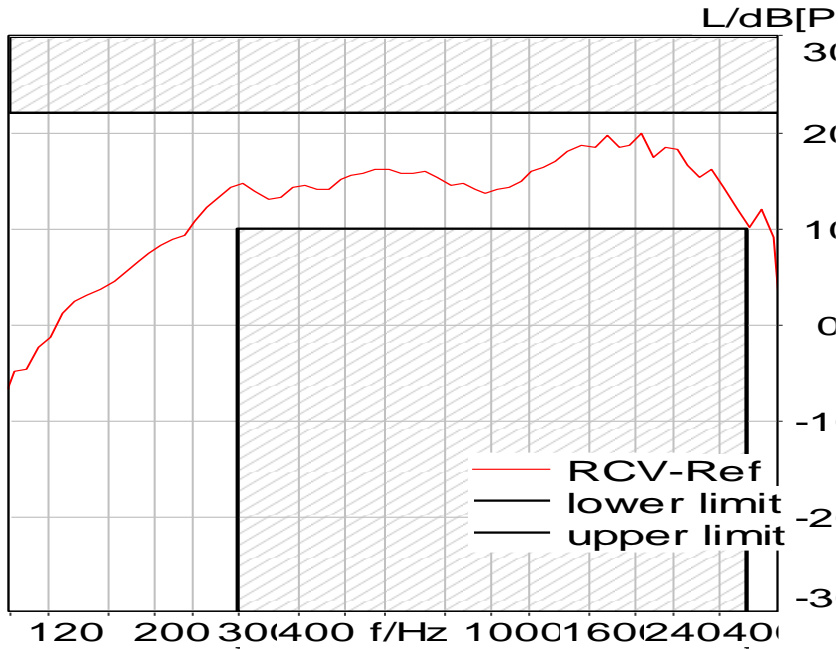
Limits

	lower
Run 1	20.00 dB



5.3 Frequency Response 8N DF HANB

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



Absolute minimal distance

2.07 dB at 2057.5 Hz Ok

Ok

2024/2/19 下午 09:40 ACQUA 5.1.200

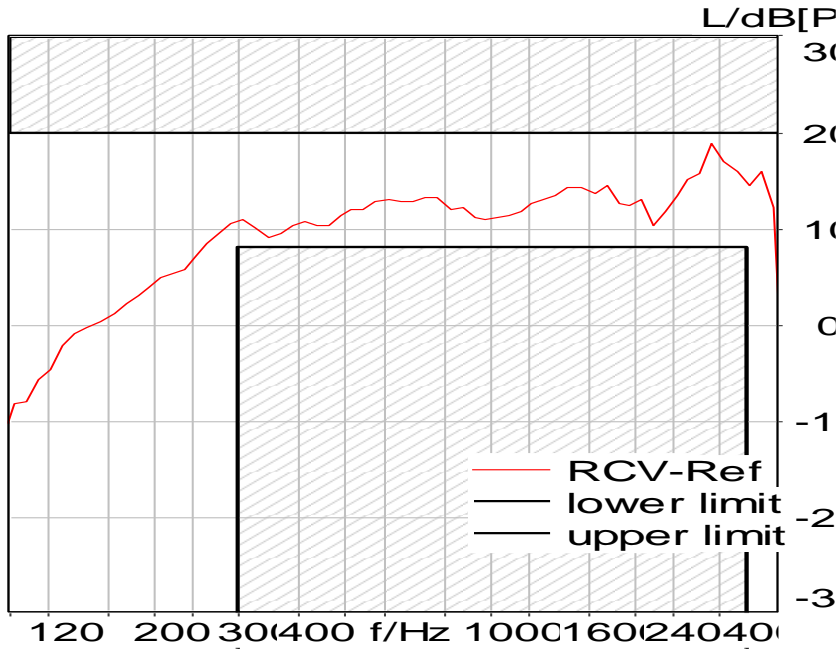
Limits

	lower
Run 1	Fit into tolerance



5.3 Frequency Response 2N DF HANB

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



Absolute minimal distance

1.20 dB at 2883.7 Hz Ok

Ok

2024/2/19 下午 09:47 ACQUA 5.1.200

Limits

	lower
Run 1	Fit into tolerance



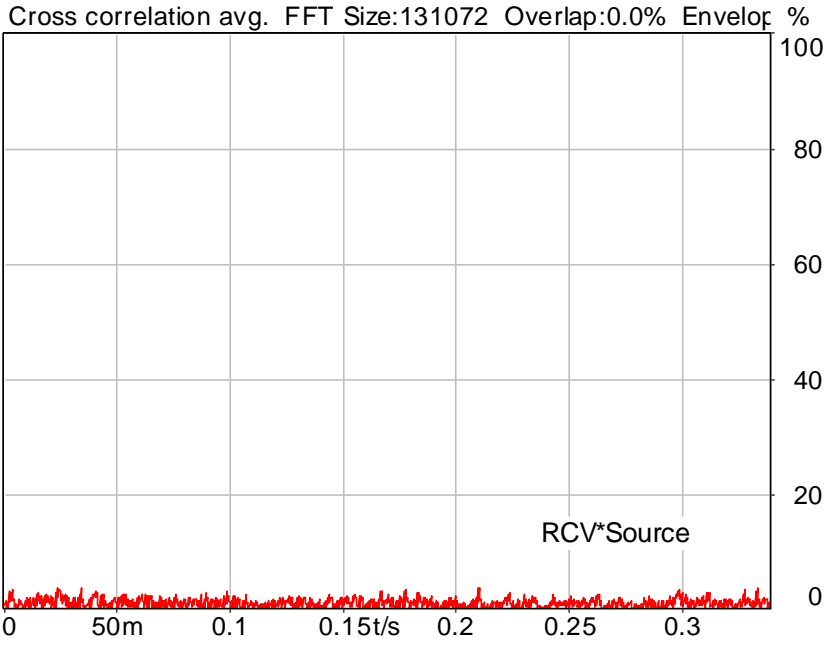
#3 WiFi 5.8GHz EVS WB 24.4Kbps

SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	368.1
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	88.64
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	88.60
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	27.22
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.36
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	29.21
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	30.80
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	30.63
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	30.58
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	30.60
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	25.52
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.99
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.89
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.82
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	34.43
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	34.66
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.62
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	27.05
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.16
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	29.13
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.44
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.45
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	29.77
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	26.55
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	22.90
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	29.71
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	29.58
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.97
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.48
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	34.90
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	34.04
5.3 Frequency Response 8N DF	Ok	Min. dist. to tolerance scheme [dB], 1747.8 Hz	2.50
5.3 Frequency Response 2N DF	Ok	Min. dist. to tolerance scheme [dB], 1747.8 Hz	3.07



Overall Receive Delay WB

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



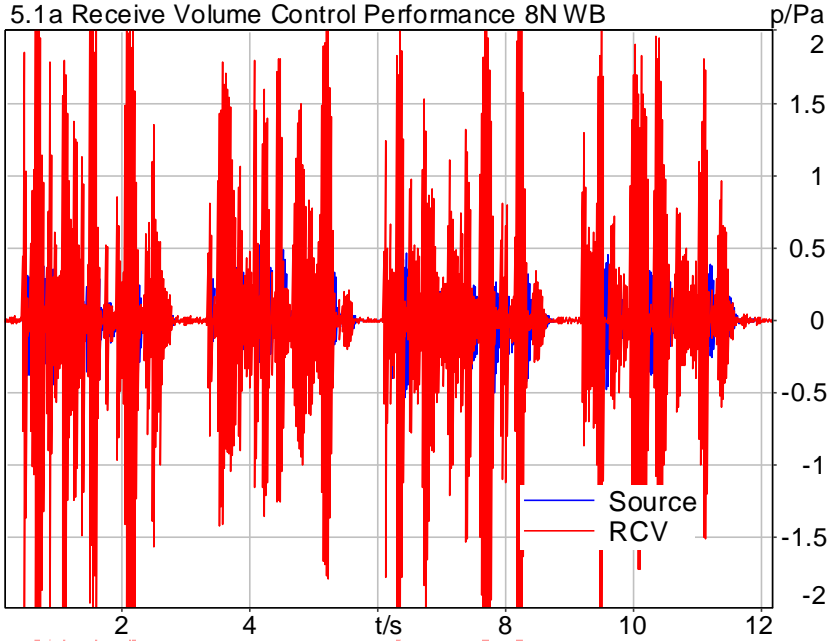
Delay (Cross): 368.1 ms

2024/2/10 下午 03:23 ACQUA 5.1.200



5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 88.64 dB[SPL], Act.: 29.98% Ok

Ok

2024/2/10 下午 03:49 ACQUA 5.1.200

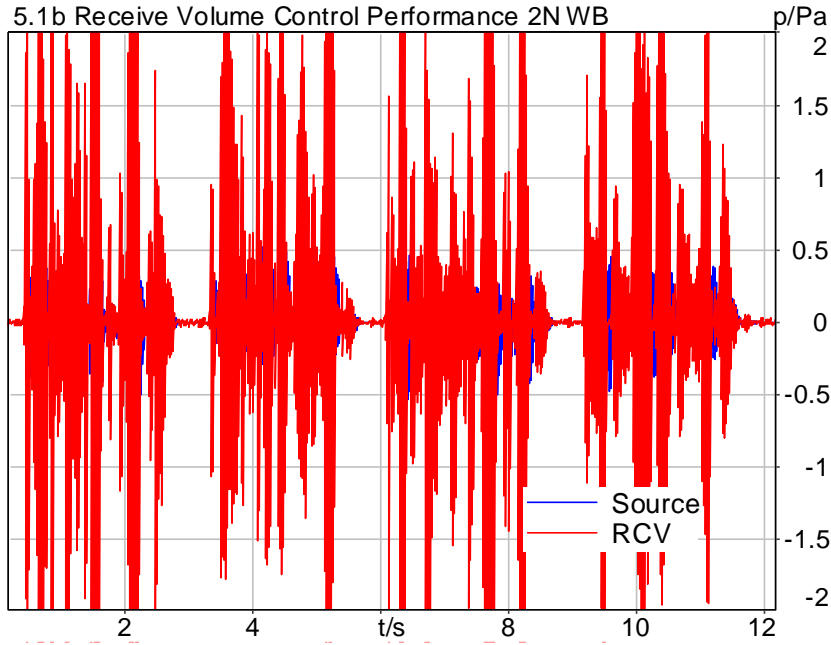
Limits

	lower
Run 1	88.00 dB20uPa



5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 88.60 dB[SPL], Act.: 46.33% Ok

Ok

2024/2/10 下午 03:24 ACQUA 5.1.200

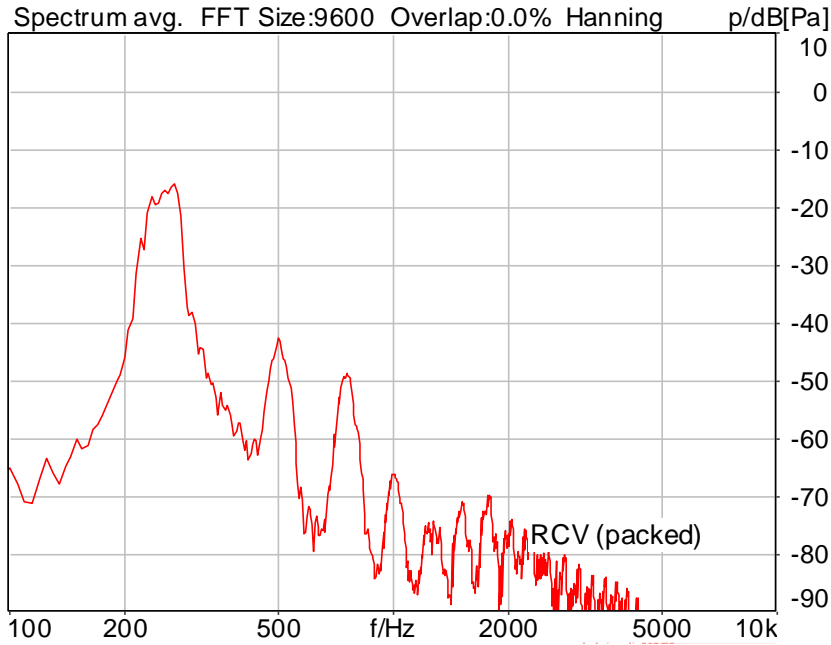
Limits

	lower
Run 1	76.00 dB20uPa



5.2 RCV Distortion and Noise - 250 Hz WB

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



Distortion (Noise) RCV (packed): 27.22 dB (4.36%) Ok

Ok

2024/2/10 下午 03:24 ACQUA 5.1.200

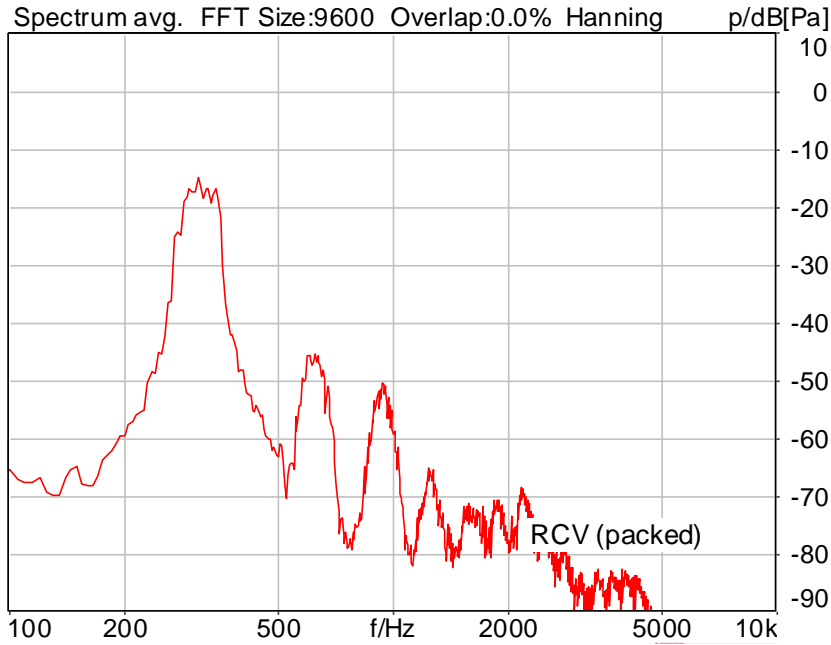
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 315 Hz WB

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



Distortion (Noise) RCV (packed): 28.36 dB (3.82%) Ok

Ok

2024/2/10 下午 03:25 ACQUA 5.1.200

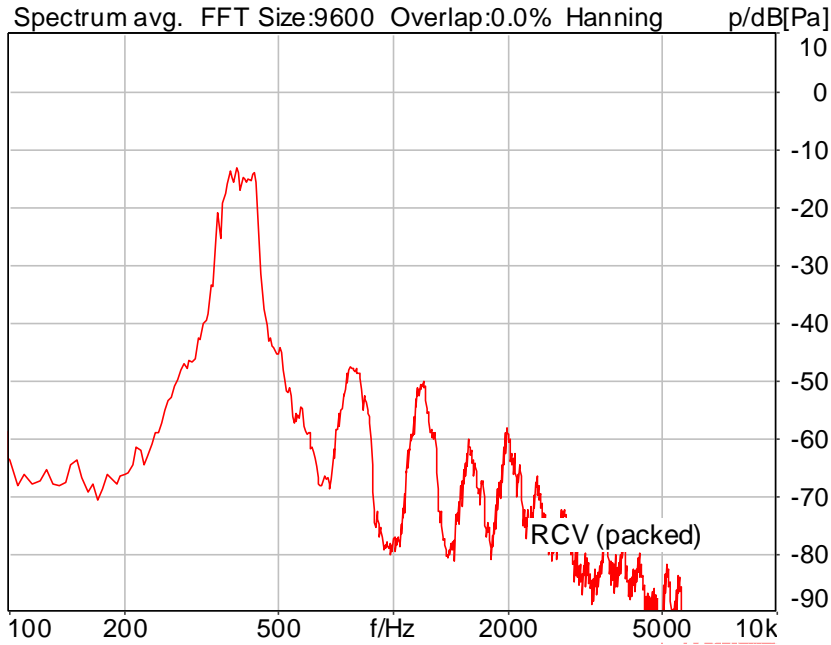
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 400 Hz WB

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



Distortion (Noise) RCV (packed): 29.21 dB (3.46%) Ok

Ok

2024/2/10 下午 03:25 ACQUA 5.1.200

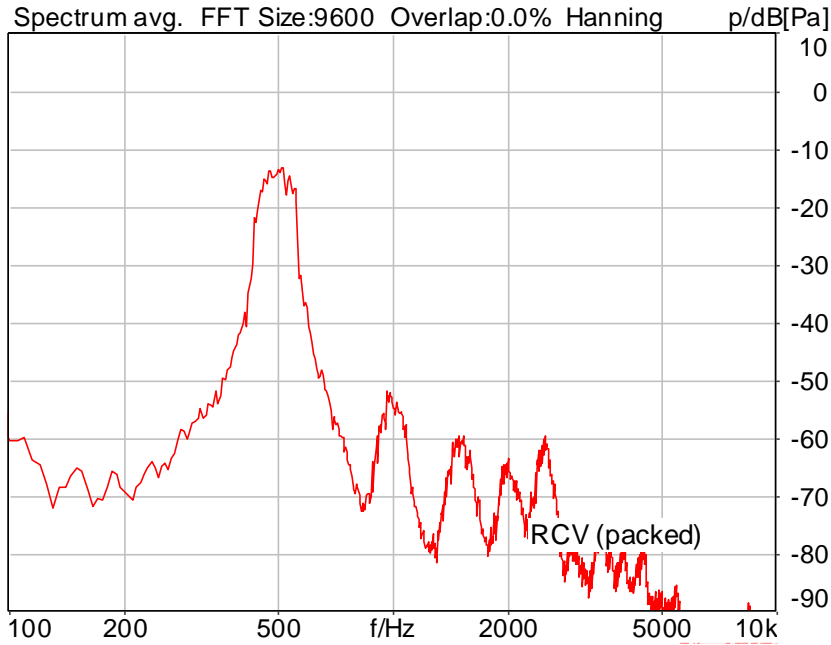
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 500 Hz WB

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



Distortion (Noise) RCV (packed): 30.80 dB (2.89%) Ok

Ok

2024/2/10 下午 03:26 ACQUA 5.1.200

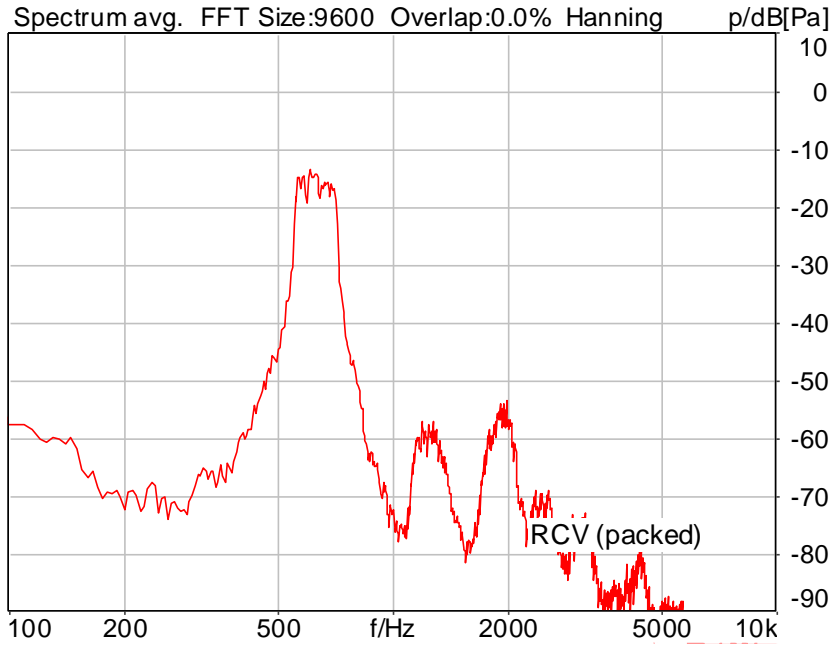
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 630 Hz WB

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



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

Ok

2024/2/10 下午 03:26 ACQUA 5.1.200

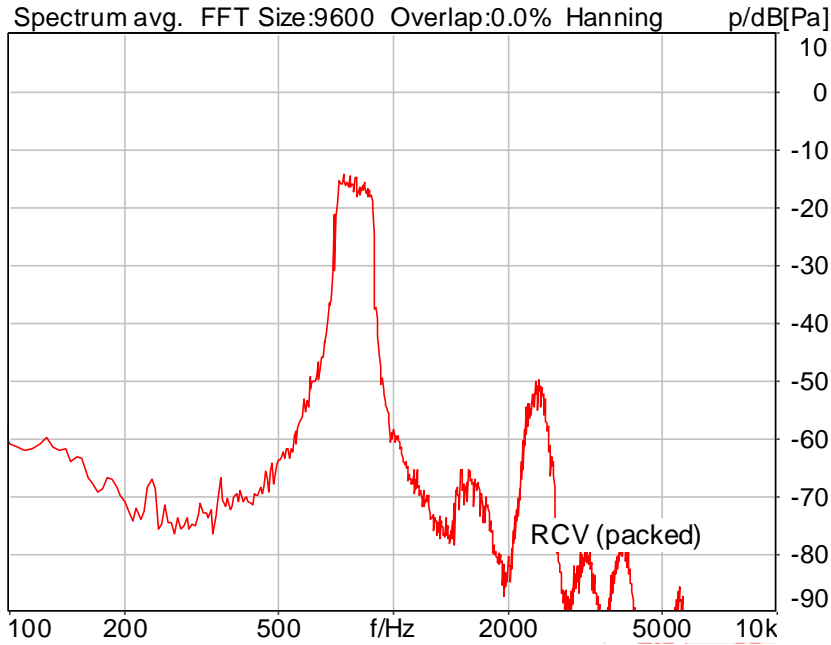
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 800 Hz WB

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



Distortion (Noise) RCV (packed): 30.58 dB (2.96%) Ok

Ok

2024/2/10 下午 03:27 ACQUA 5.1.200

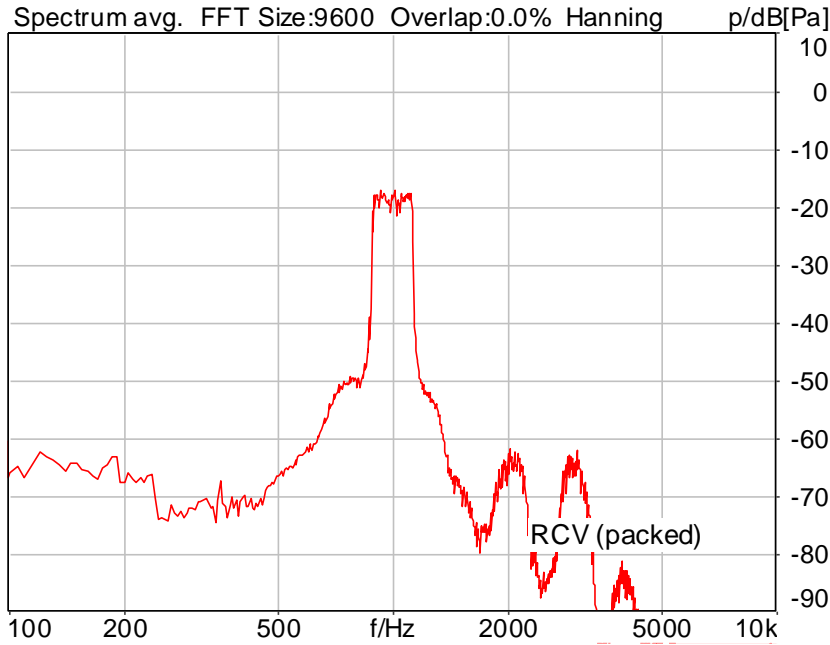
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 1000 Hz WB

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



Distortion (Noise) RCV (packed): 30.60 dB (2.95%) Ok

Ok

2024/2/10 下午 03:27 ACQUA 5.1.200

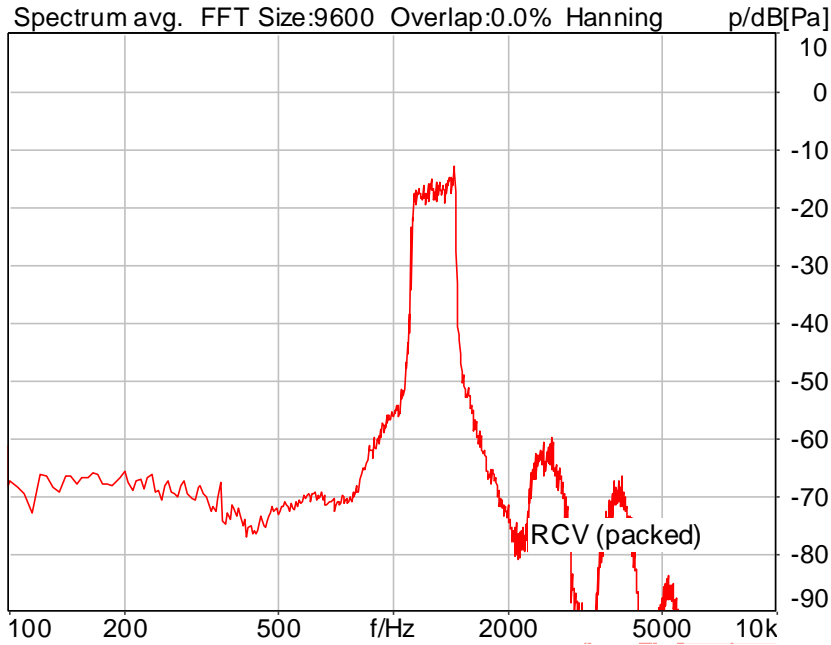
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 1250 Hz WB

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



Distortion (Noise) RCV (packed): 25.52 dB (5.30%) Ok

Ok

2024/2/10 下午 03:28 ACQUA 5.1.200

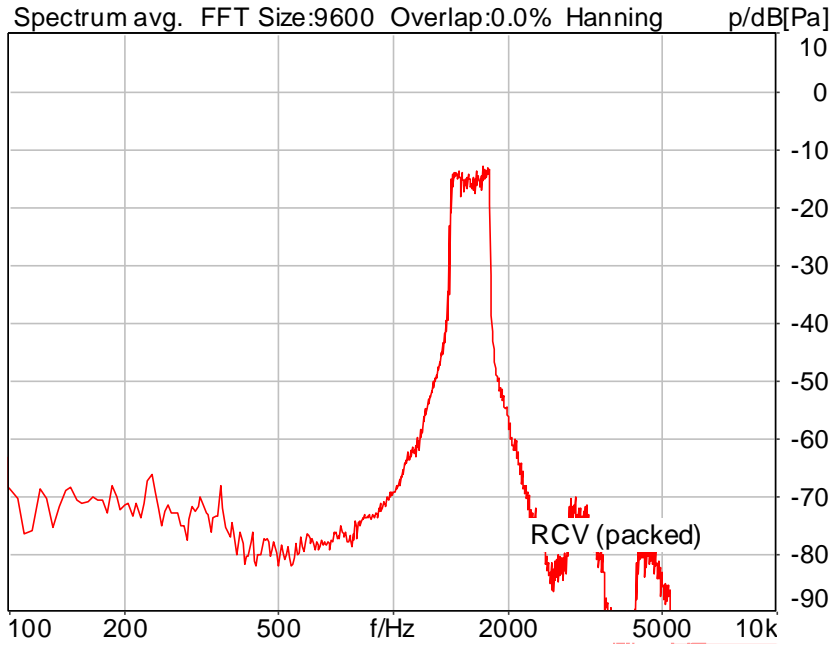
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 1600 Hz WB

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



Distortion (Noise) RCV (packed): 32.99 dB (2.24%) Ok

Ok

2024/2/10 下午 03:28 ACQUA 5.1.200

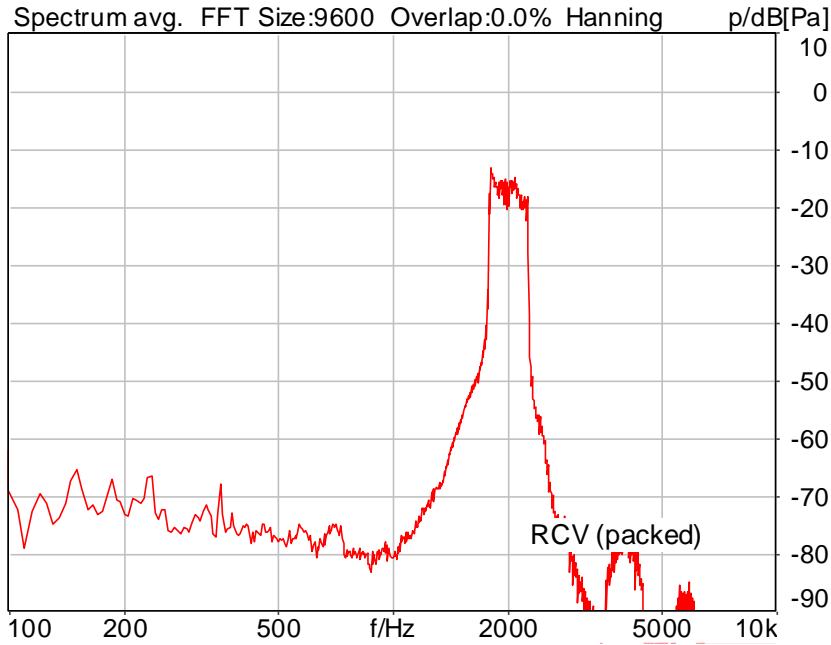
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 2000 Hz WB

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



Distortion (Noise) RCV (packed): 32.89 dB (2.27%) Ok

Ok

2024/2/10 下午 03:29 ACQUA 5.1.200

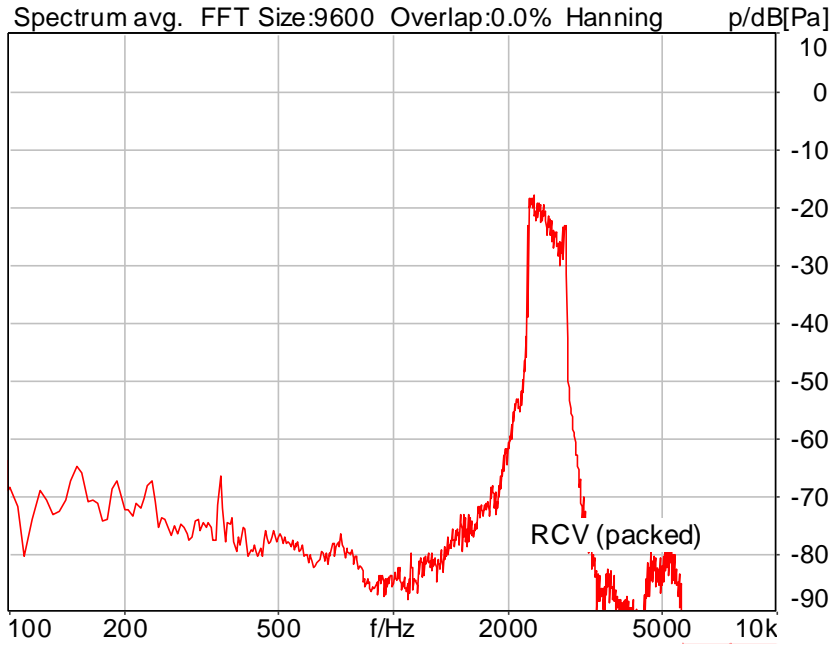
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 2500 Hz WB

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



Distortion (Noise) RCV (packed): 32.82 dB (2.28%) Ok

Ok

2024/2/10 下午 03:29 ACQUA 5.1.200

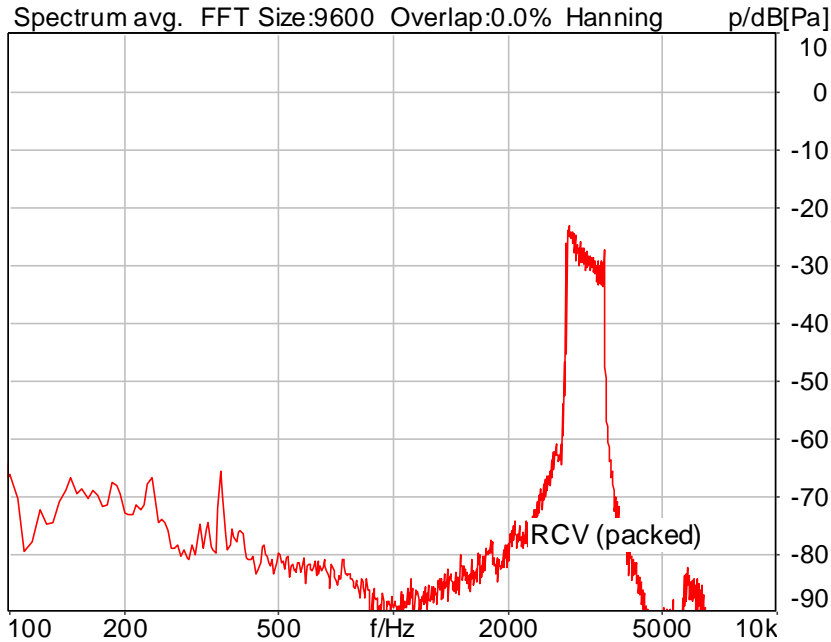
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 3150 Hz WB

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



Distortion (Noise) RCV (packed): 34.43 dB (1.90%) Ok

Ok

2024/2/10 下午 03:30 ACQUA 5.1.200

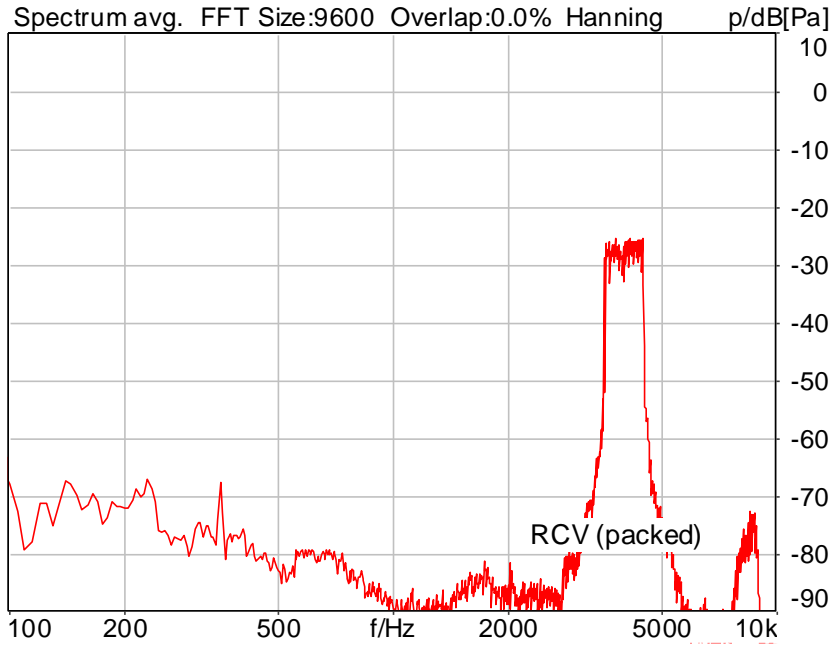
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 4000 Hz WB

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



Distortion (Noise) RCV (packed): 34.66 dB (1.85%) Ok

Ok

2024/2/10 下午 03:30 ACQUA 5.1.200

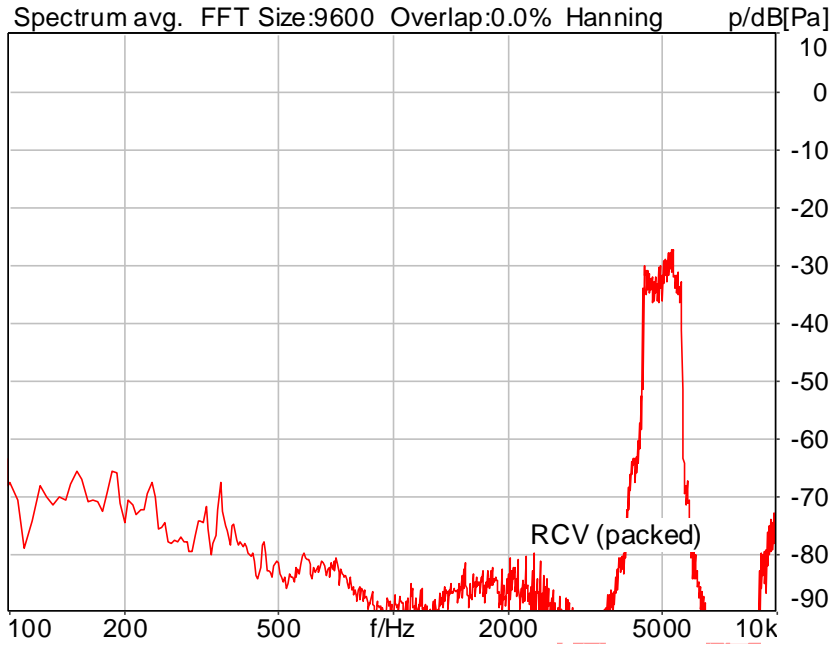
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 5000 Hz WB

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



Distortion (Noise) RCV (packed): 33.62 dB (2.09%) Ok

Ok

2024/2/10 下午 03:31 ACQUA 5.1.200

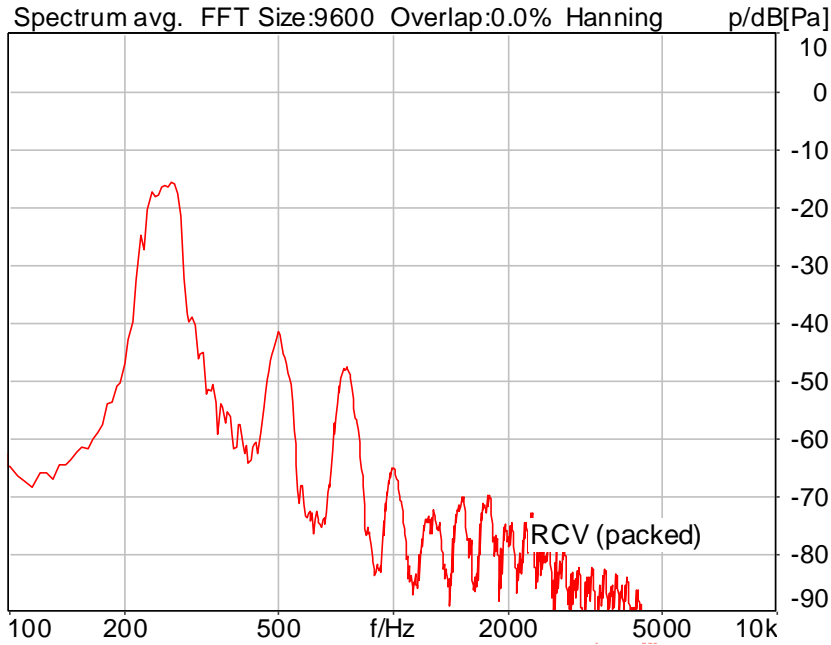
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 250 Hz WB

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



Distortion (Noise) RCV (packed): 27.05 dB (4.44%) Ok

Ok

2024/2/10 下午 03:31 ACQUA 5.1.200

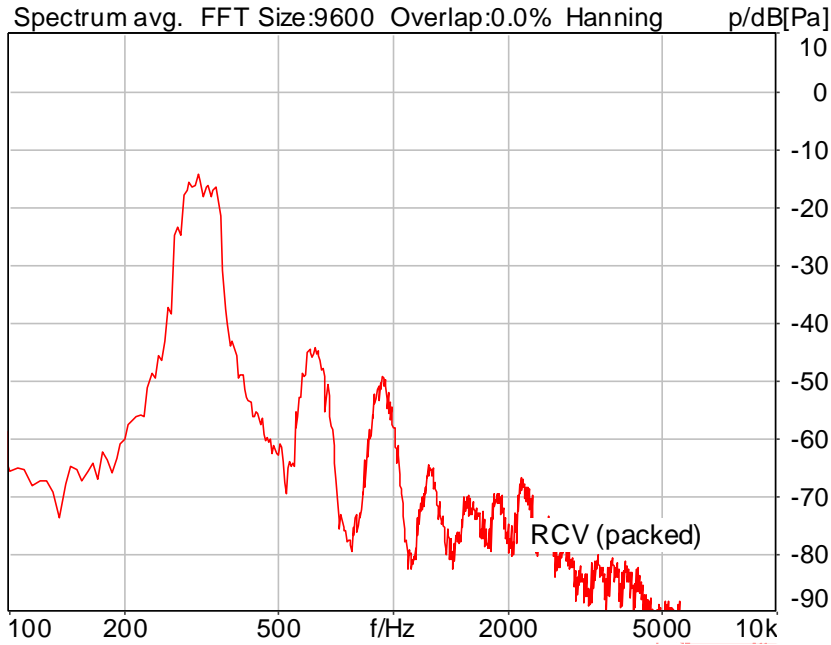
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 315 Hz WB

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



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

Ok

2024/2/10 下午 03:32 ACQUA 5.1.200

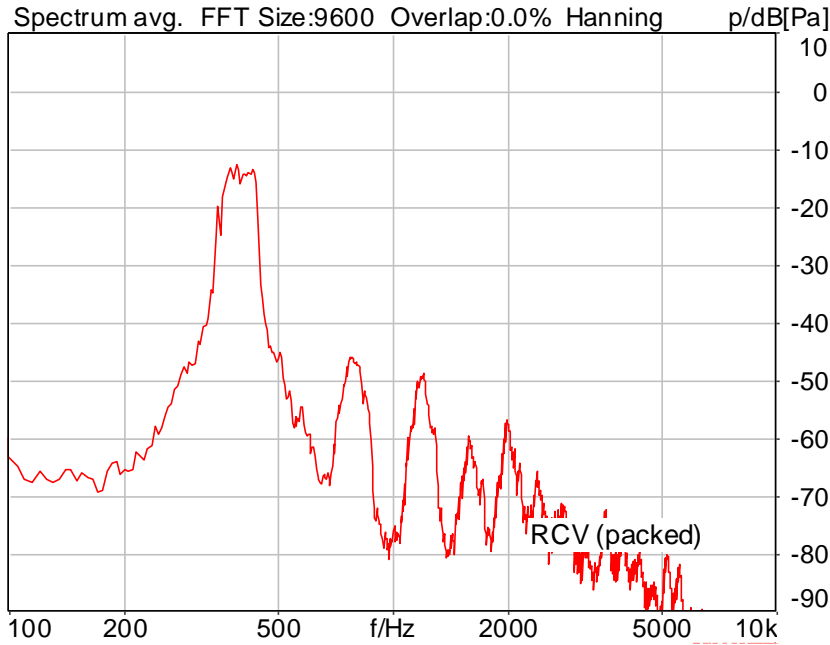
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 400 Hz WB

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



Distortion (Noise) RCV (packed): 29.13 dB (3.49%) Ok

Ok

2024/2/10 下午 03:32 ACQUA 5.1.200

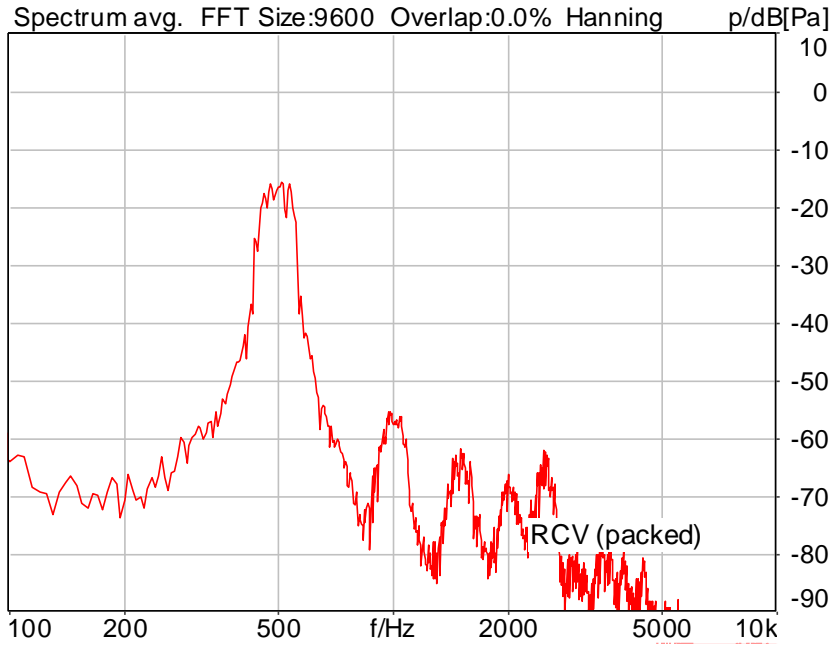
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 500 Hz WB

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



Distortion (Noise) RCV (packed): 31.44 dB (2.68%) Ok

Ok

2024/2/10 下午 03:33 ACQUA 5.1.200

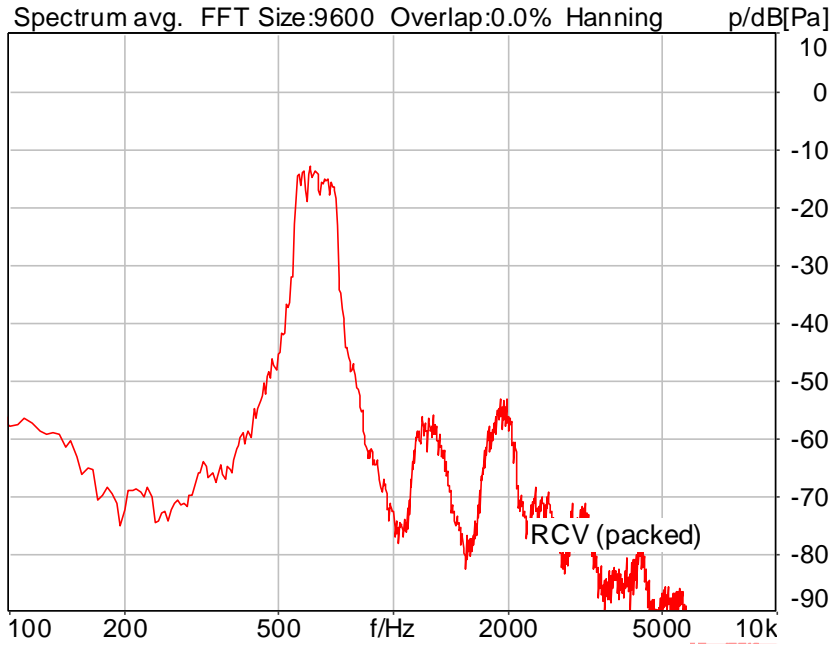
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 630 Hz WB

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



Distortion (Noise) RCV (packed): 31.45 dB (2.68%) Ok

Ok

2024/2/10 下午 03:33 ACQUA 5.1.200

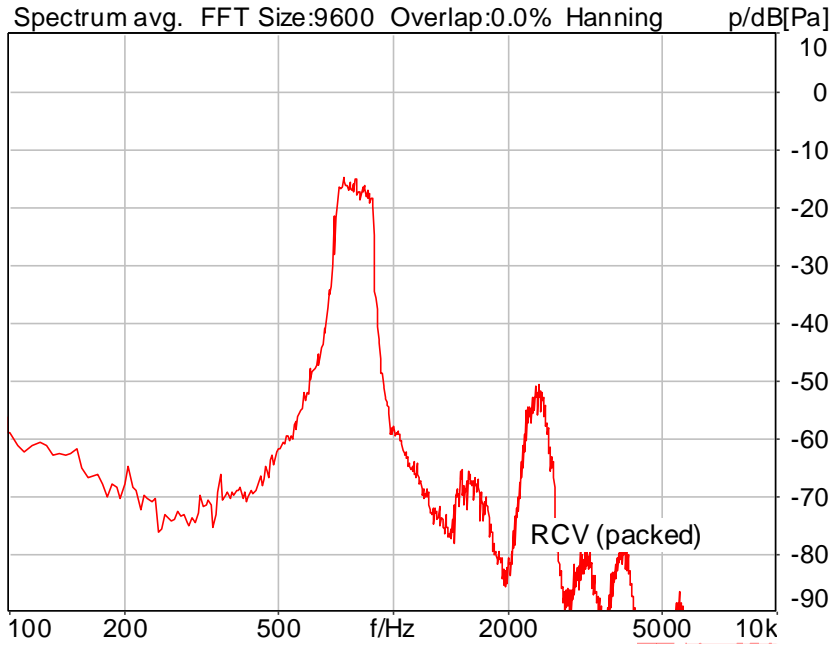
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 800 Hz WB

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



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

Ok

2024/2/10 下午 03:34 ACQUA 5.1.200

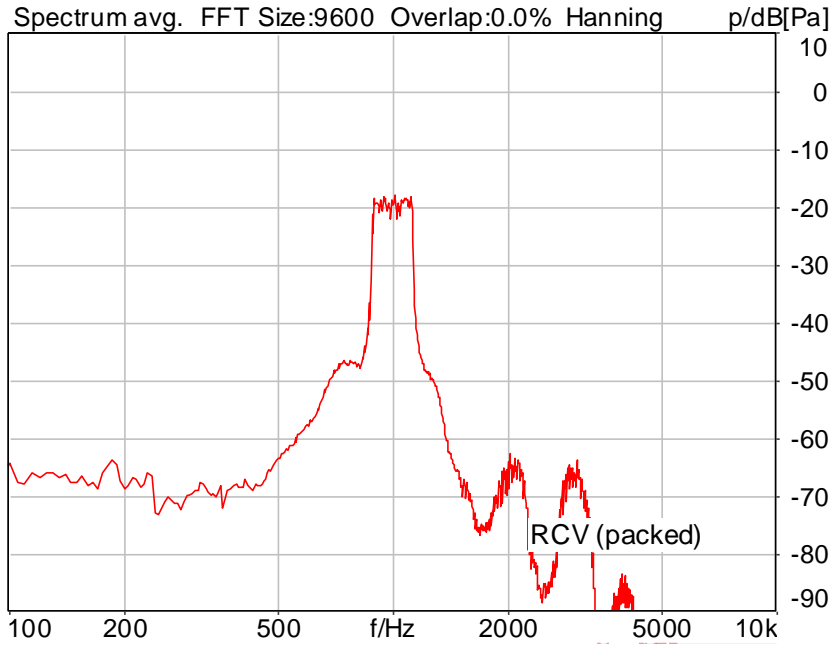
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 1000 Hz WB

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



Distortion (Noise) RCV (packed): 26.55 dB (4.71%) Ok

Ok

2024/2/10 下午 03:42 ACQUA 5.1.200

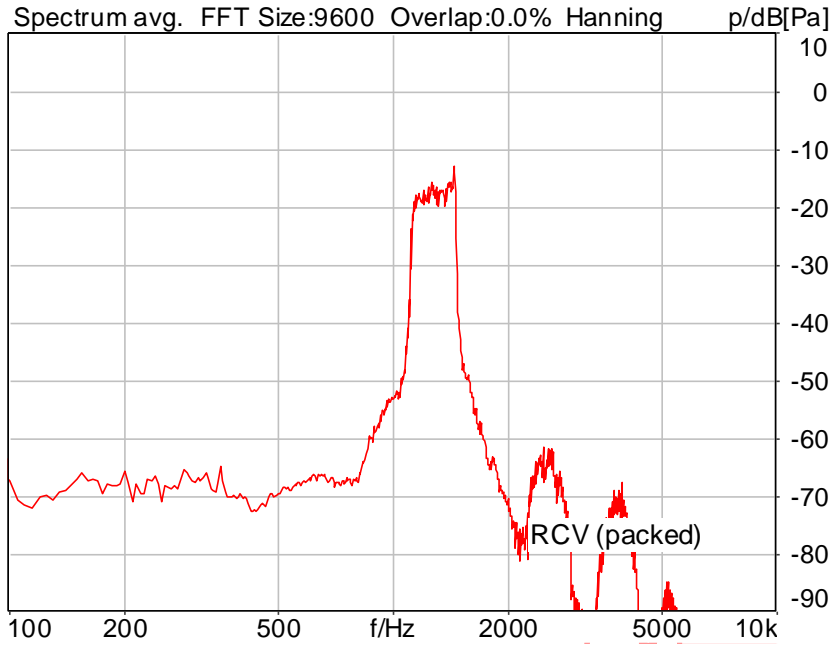
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 1250 Hz WB

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



Distortion (Noise) RCV (packed): 22.90 dB (7.16%) Ok

Ok

2024/2/10 下午 03:42 ACQUA 5.1.200

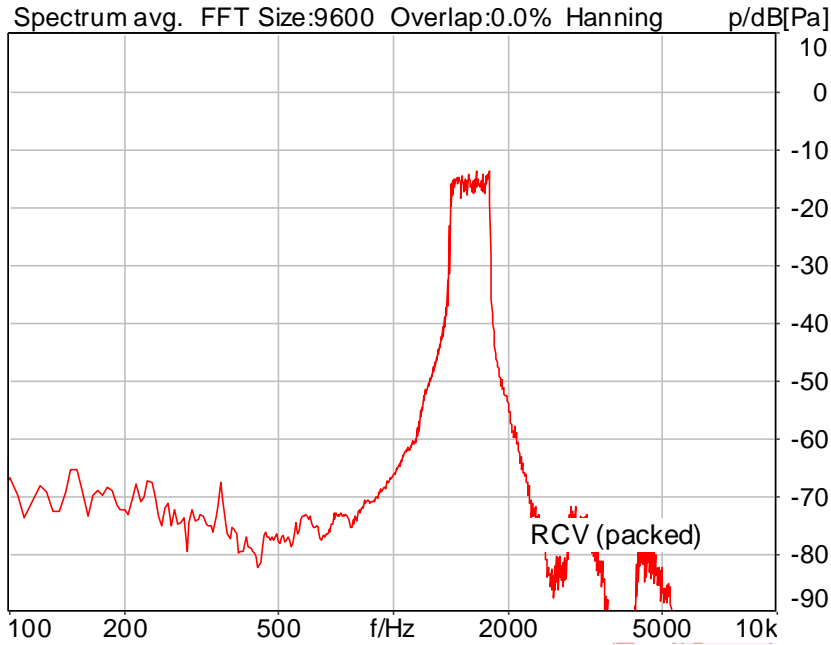
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 1600 Hz WB

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



Distortion (Noise) RCV (packed): 29.71 dB (3.27%) Ok

Ok

2024/2/10 下午 03:43 ACQUA 5.1.200

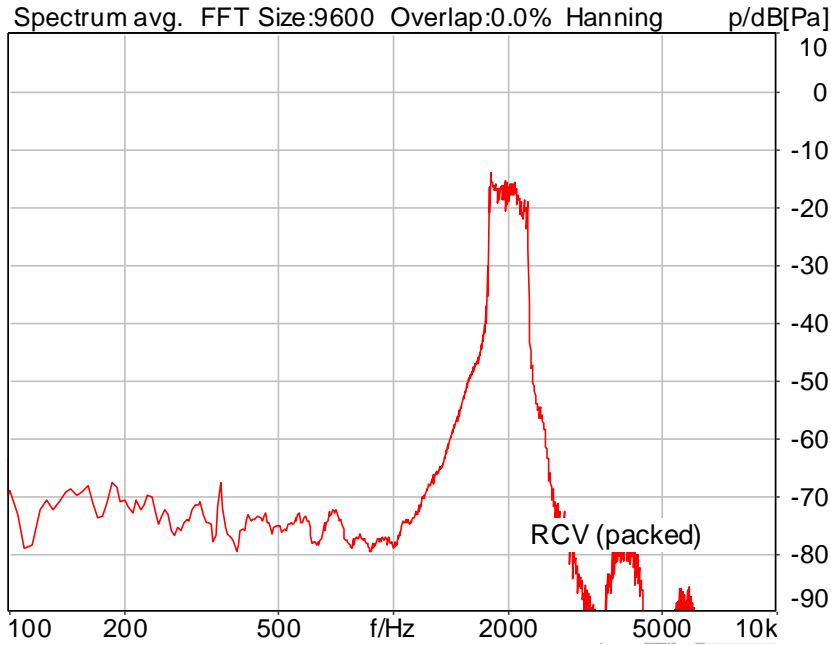
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 2000 Hz WB

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



Distortion (Noise) RCV (packed): 29.58 dB (3.32%) Ok

Ok

2024/2/10 下午 03:43 ACQUA 5.1.200

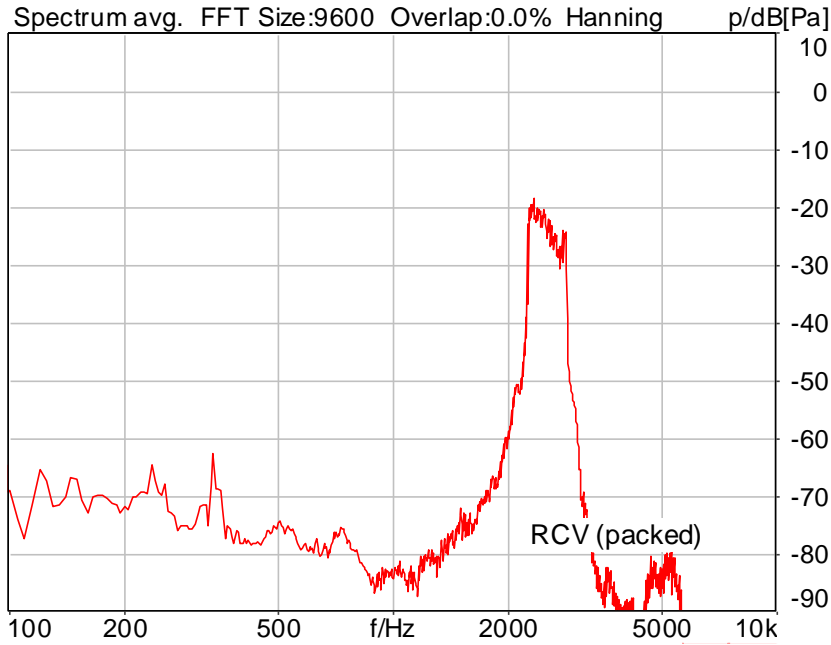
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 2500 Hz WB

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



Distortion (Noise) RCV (packed): 28.97 dB (3.56%) Ok

Ok

2024/2/10 下午 03:44 ACQUA 5.1.200

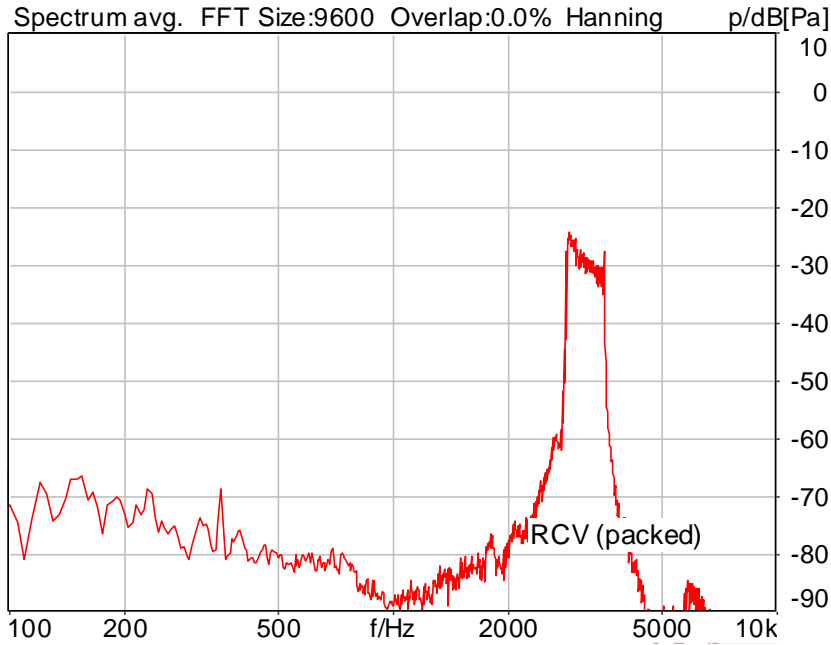
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 3150 Hz WB

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



Distortion (Noise) RCV (packed): 31.48 dB (2.67%) Ok

Ok

2024/2/10 下午 03:44 ACQUA 5.1.200

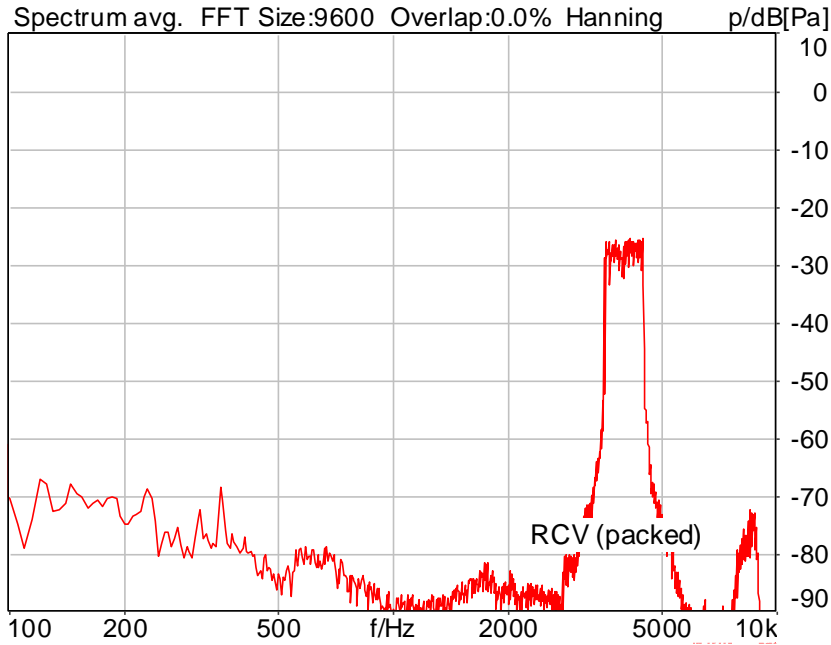
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 4000 Hz WB

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



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

Ok

2024/2/10 下午 03:45 ACQUA 5.1.200

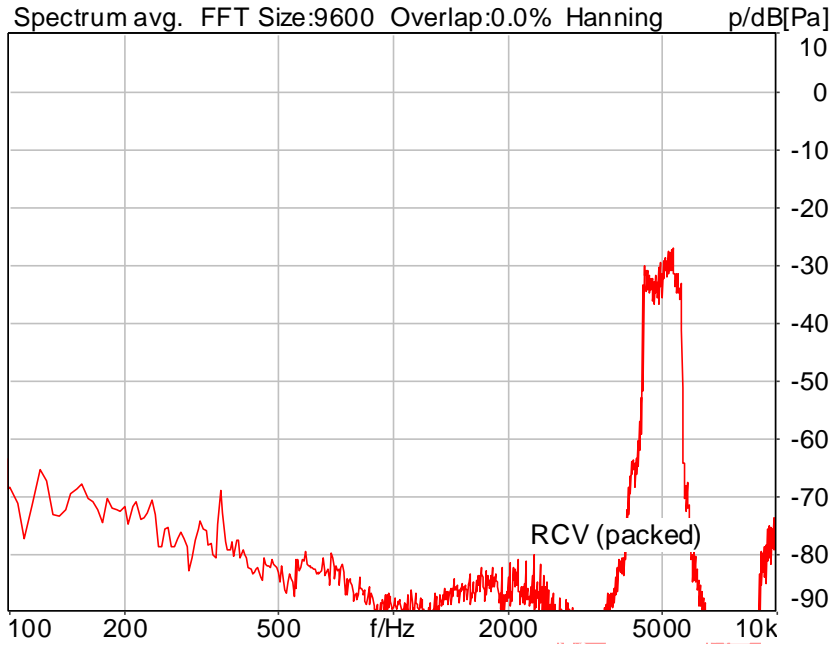
Limits

	lower
Run 1	20.00 dB



5.2 RCV Distortion and Noise - 5000 Hz WB

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



Distortion (Noise) RCV (packed): 34.04 dB (1.99%) Ok

Ok

2024/2/10 下午 03:45 ACQUA 5.1.200

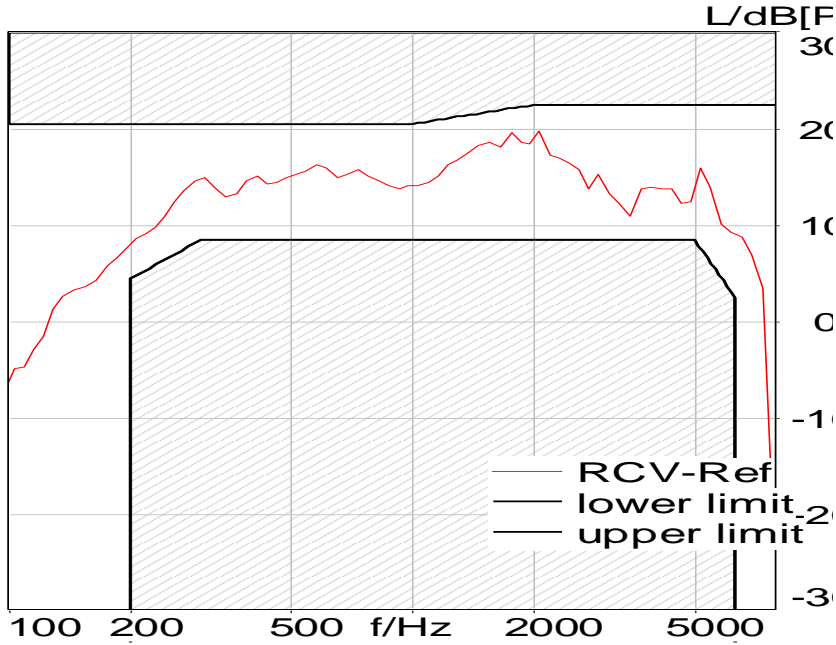
Limits

	lower
Run 1	20.00 dB



5.3 Frequency Response 8N DF

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



Absolute minimal distance

2.50 dB at 1747.8 Hz Ok

Ok

2024/2/10 下午 03:46 ACQUA 5.1.200

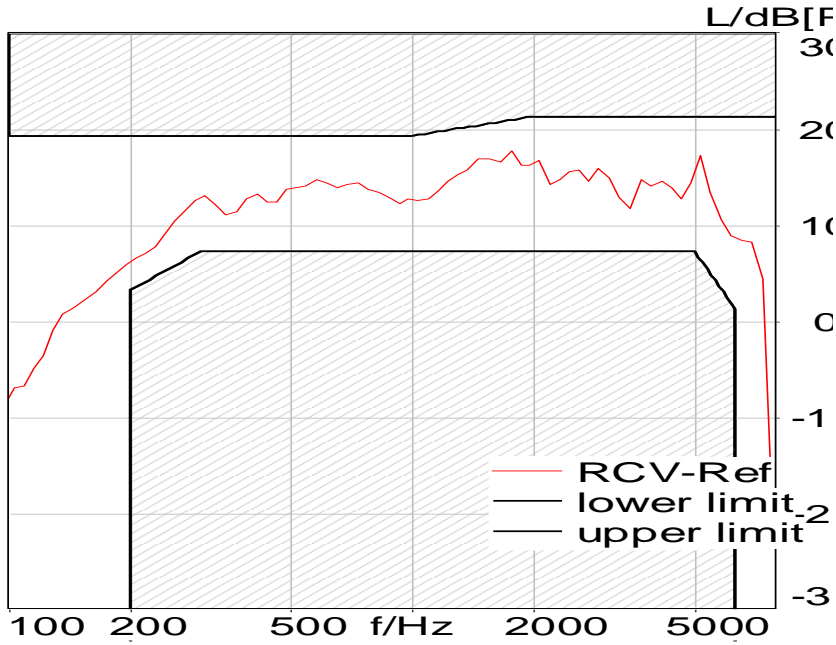
Limits

	lower
Run 1	Fit into tolerance



5.3 Frequency Response 2N DF

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



Absolute minimal distance

3.07 dB at 1747.8 Hz Ok

Ok

2024/2/10 下午 03:50 ACQUA 5.1.200

Limits

	lower
Run 1	Fit into tolerance



Appendix A. Volume Control Evaluation Results

<Evaluation results for KDB 285076 D05 2.b>



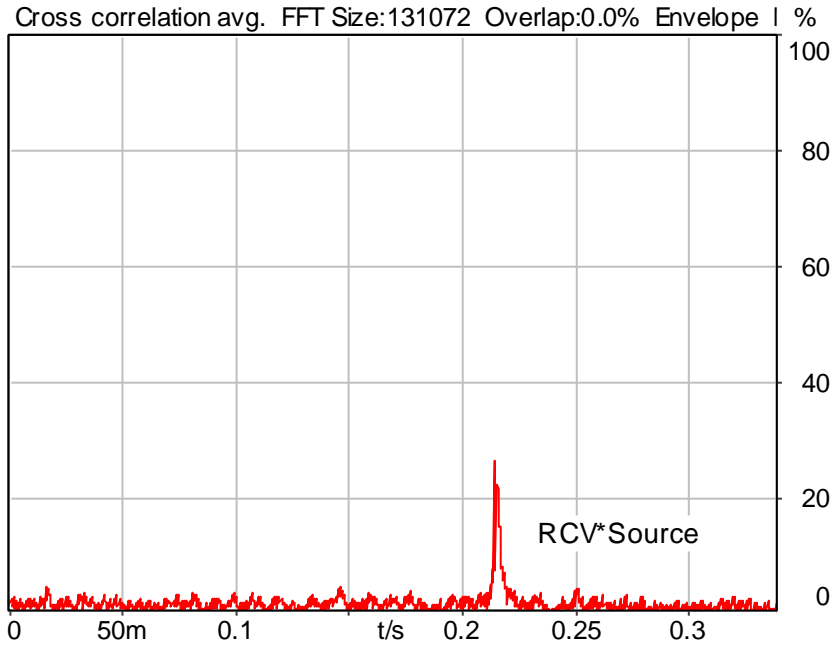
#4 GSM850 AMR NB 4.75kbps

SMD	Status	Single Value Description	Single Value
Overall Receive Delay NB	Done	Delay (Cross) [ms]	215.3
5.1a Receive Volume Control Performance 8N NB	Ok	Speech Level [dB[SPL]]	88.01
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	88.52



Overall Receive Delay NB

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



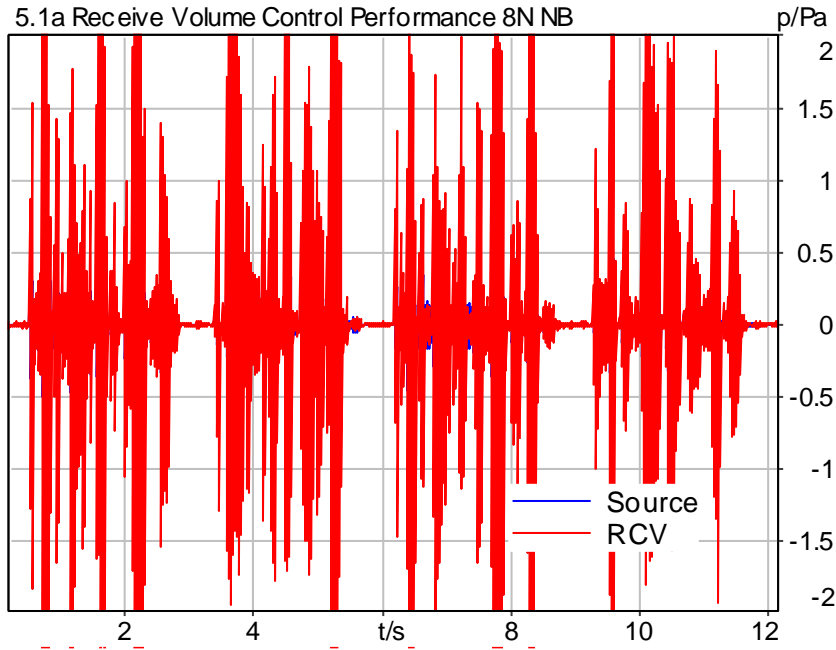
Delay (Cross): 215.3 ms

2024/2/13 下午 09:39 ACQUA 5.1.200



5.1a Receive Volume Control Performance 8N NB

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



Speech Level RCV: 88.01 dB[SPL], Act.: 45.90% Ok

Ok

2024/2/13 下午 09:48 ACQUA 5.1.200

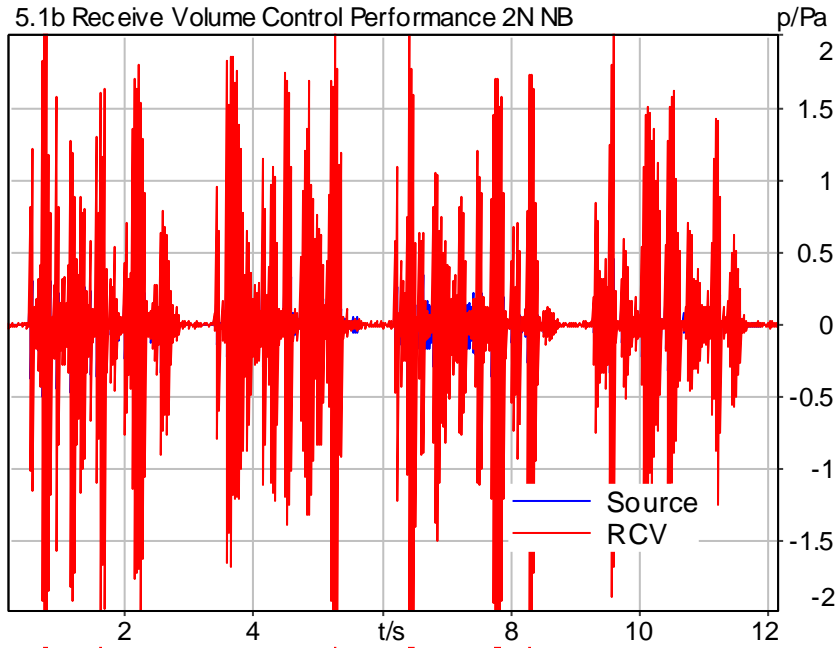
Limits

	lower
Run 1	88.00 dB20uPa



5.1b Receive Volume Control Performance 2N NB

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



Speech Level RCV: 88.52 dB[SPL], Act.: 22.14% Ok

Ok

2024/2/13 下午 09:50 ACQUA 5.1.200

Limits

	lower
Run 1	76.00 dB20uPa



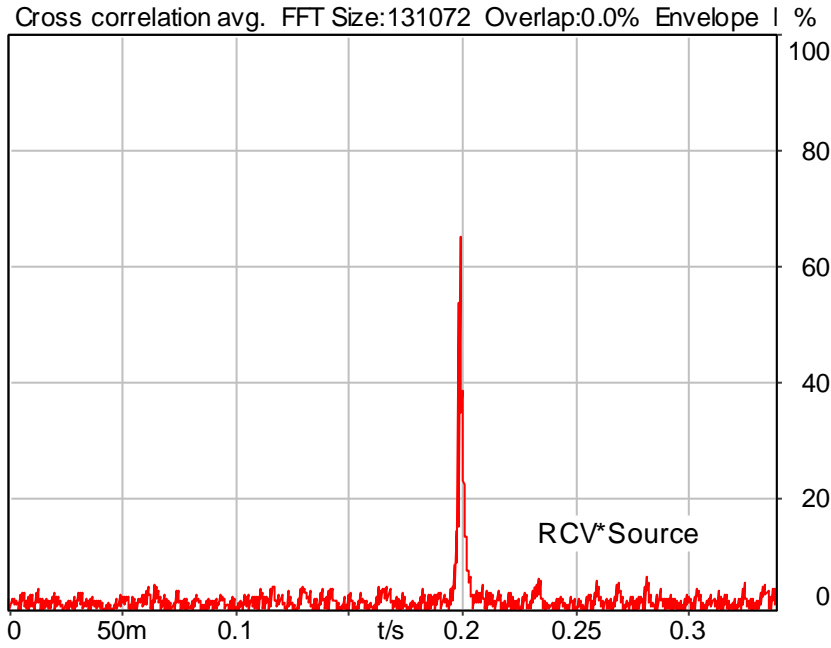
#5 WCDMA V AMR NB 12.2kbps

SMD	Status	Single Value Description	Single Value
Overall Receive Delay NB	Done	Delay (Cross) [ms]	199.1
5.1a Receive Volume Control Performance 8N NB	Ok	Speech Level [dB[SPL]]	88.00
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	90.54



Overall Receive Delay NB

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



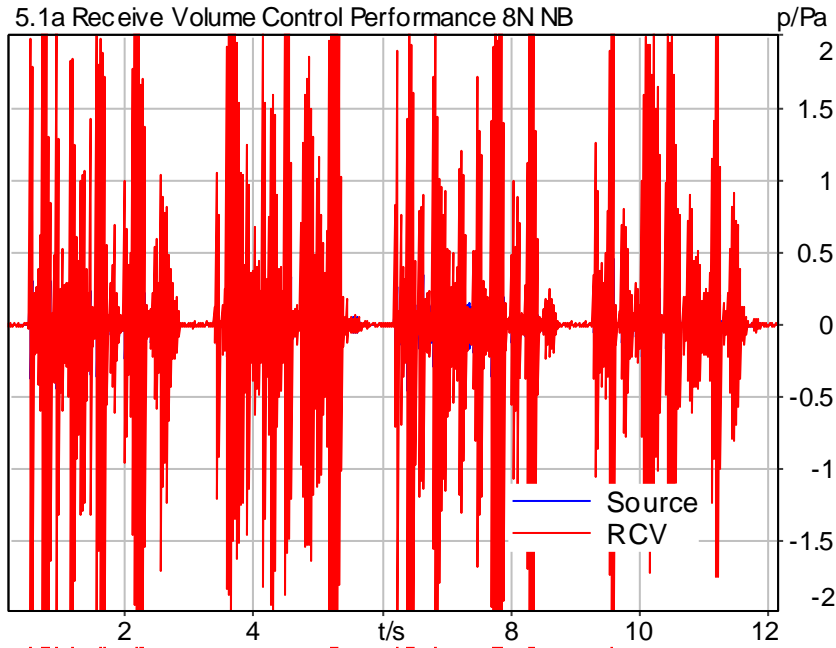
Delay (Cross): 199.1 ms

2024/2/13 下午 08:18 ACQUA 5.1.200



5.1a Receive Volume Control Performance 8N NB

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



Speech Level RCV: 88.00 dB[SPL], Act.: 45.94% Ok

Ok

2024/2/13 下午 08:32 ACQUA 5.1.200

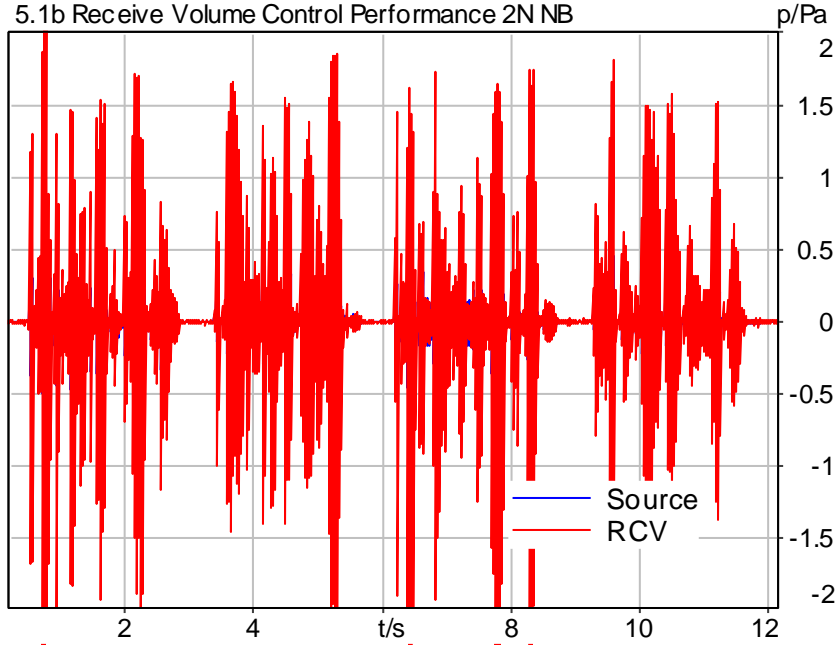
Limits

	lower
Run 1	88.00 dB20uPa



5.1b Receive Volume Control Performance 2N NB

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



Speech Level RCV: 90.54 dB[SPL], Act.: 13.01% Ok

Ok

2024/2/13 下午 08:56 ACQUA 5.1.200

Limits

	lower
Run 1	76.00 dB20uPa



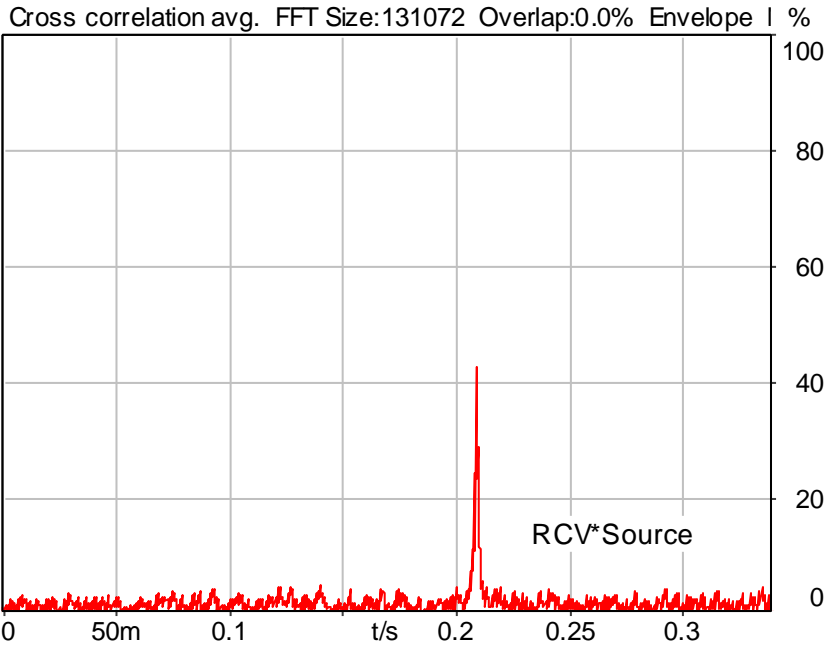
#6 LTE Band 25 AMR NB 12.2kbps

SMD	Status	Single Value Description	Single Value
Overall Receive Delay NB	Done	Delay (Cross) [ms]	209.4
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	86.89
5.1a Receive Volume Control Performance 8N NB	Ok	Speech Level [dB[SPL]]	89.08



Overall Receive Delay NB

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



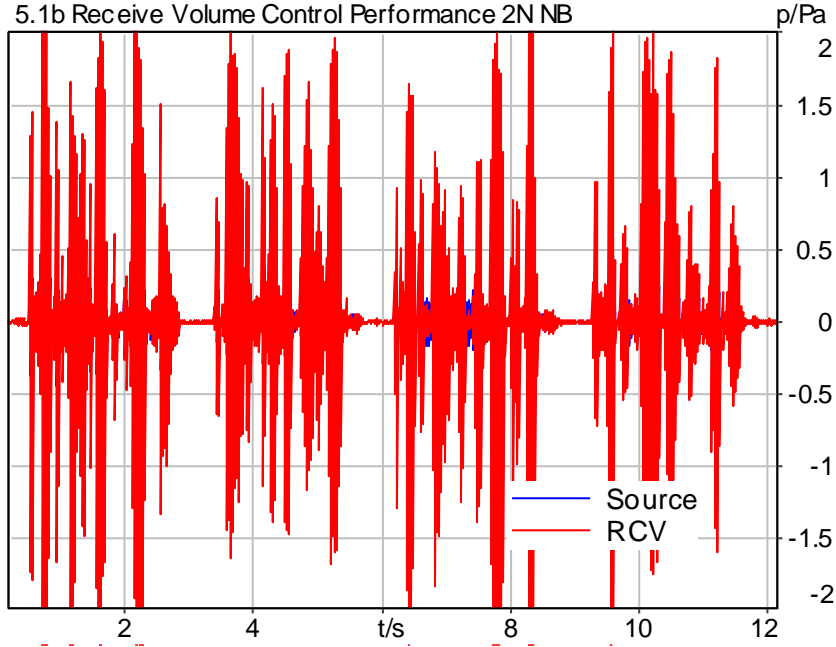
Delay (Cross): 209.4 ms

2024/2/13 下午 03:32 ACQUA 5.1.200



5.1b Receive Volume Control Performance 2N NB

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



Speech Level RCV: 86.89 dB[SPL], Act.: 41.37% Ok

Ok

2024/2/13 下午 03:32 ACQUA 5.1.200

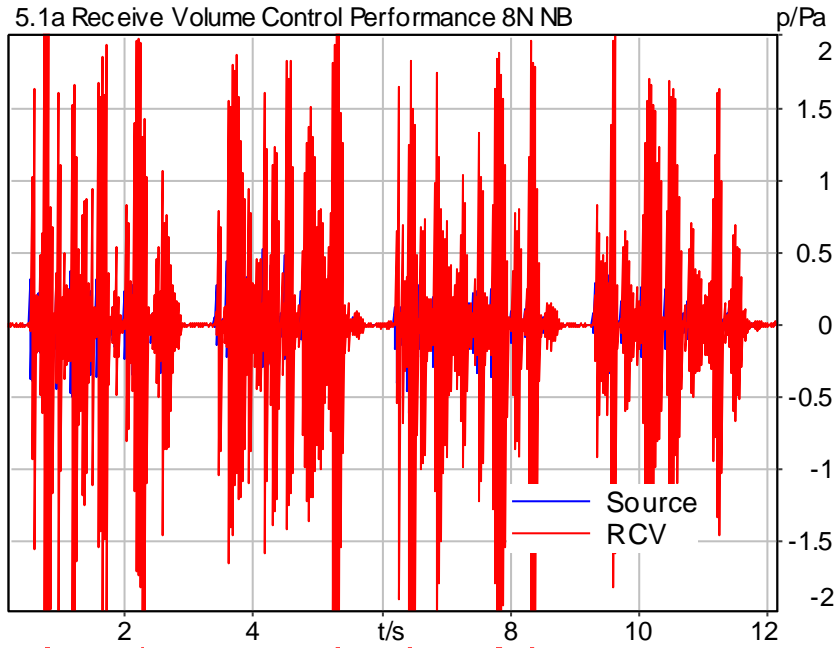
Limits

	lower
Run 1	76.00 dB20uPa



5.1a Receive Volume Control Performance 8N NB

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



Speech Level RCV: 89.08 dB[SPL], Act.: 22.73% Ok

Ok

2024/2/13 下午 03:37 ACQUA 5.1.200

Limits

	lower
Run 1	88.00 dB20uPa



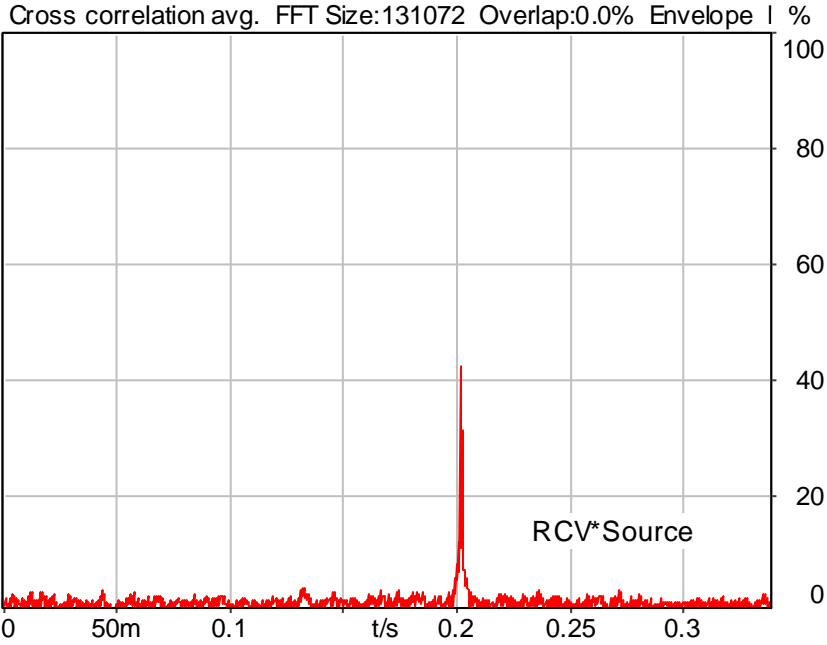
#7 FR1 n71 EVS NB 24.4kbps

SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	202.1
5.1b Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	88.39
5.1a Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.05



Overall Receive Delay NB

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



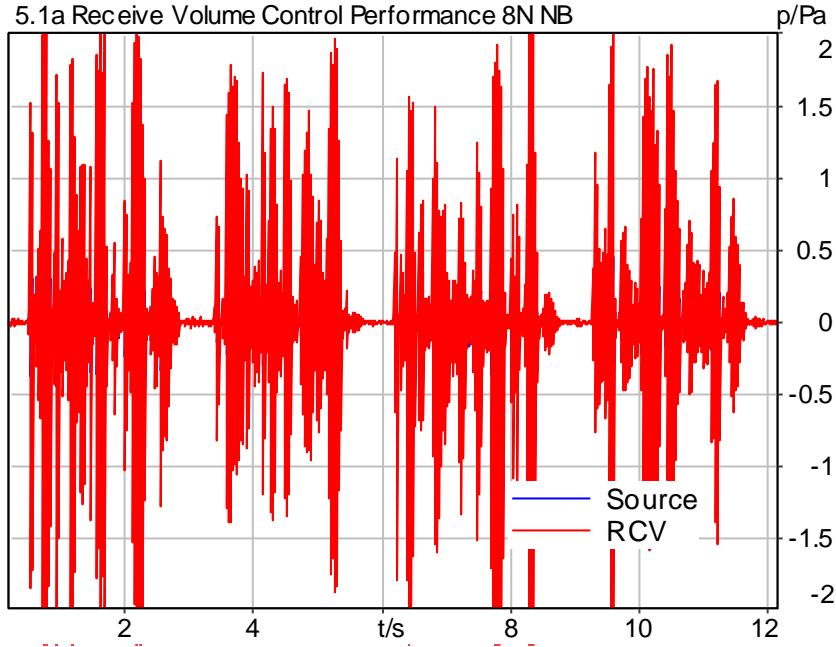
Delay (Cross): 202.1 ms

2024/2/12 下午 04:23 ACQUA 5.1.200



5.1a Receive Volume Control Performance 8N NB

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



Speech Level RCV: 88.39 dB[SPL], Act.: 28.72% Ok

Ok

2024/2/12 下午 04:35 ACQUA 5.1.200

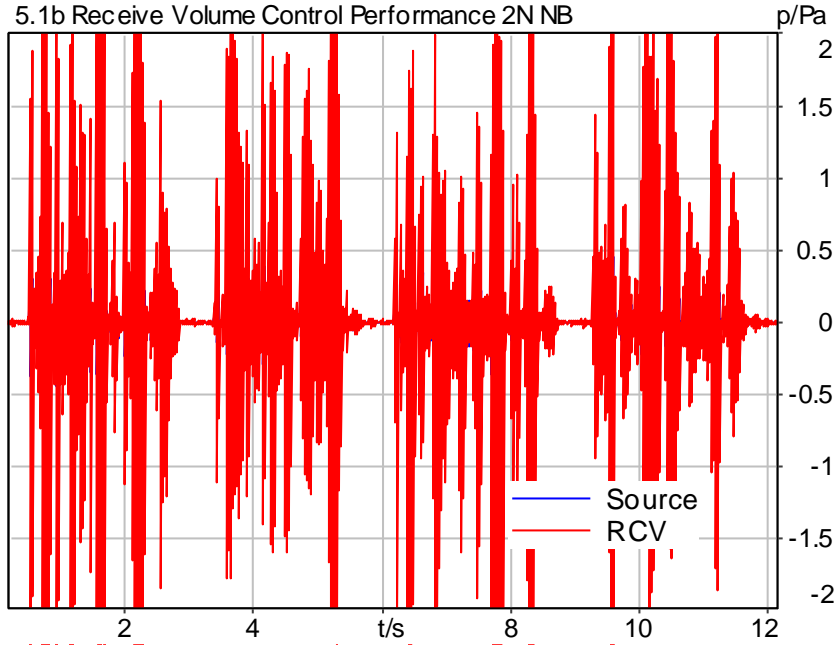
Limits

	lower
Run 1	88.00 dB20uPa



5.1b Receive Volume Control Performance 2N NB

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



Speech Level RCV: 87.05 dB[SPL], Act.: 56.16% Ok

Ok

2024/2/12 下午 04:23 ACQUA 5.1.200

Limits

	lower
Run 1	76.00 dB20uPa



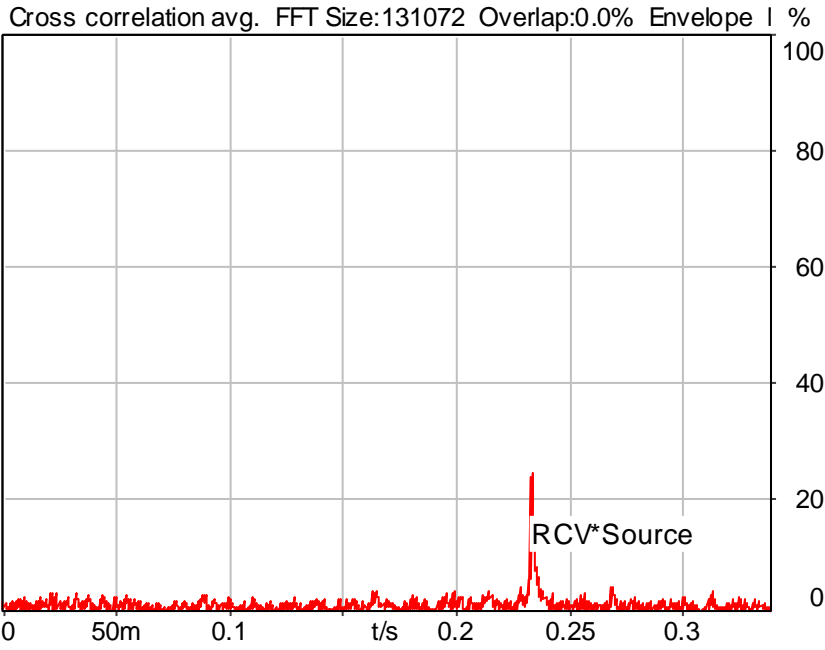
#8 WiFi 2.4GHz AMR NB 4.75kbps

SMD	Status	Single Value Description	Single Value
Overall Receive Delay NB	Done	Delay (Cross) [ms]	233.9
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	87.33
5.1a Receive Volume Control Performance 8N NB	Ok	Speech Level [dB[SPL]]	89.04



Overall Receive Delay NB

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



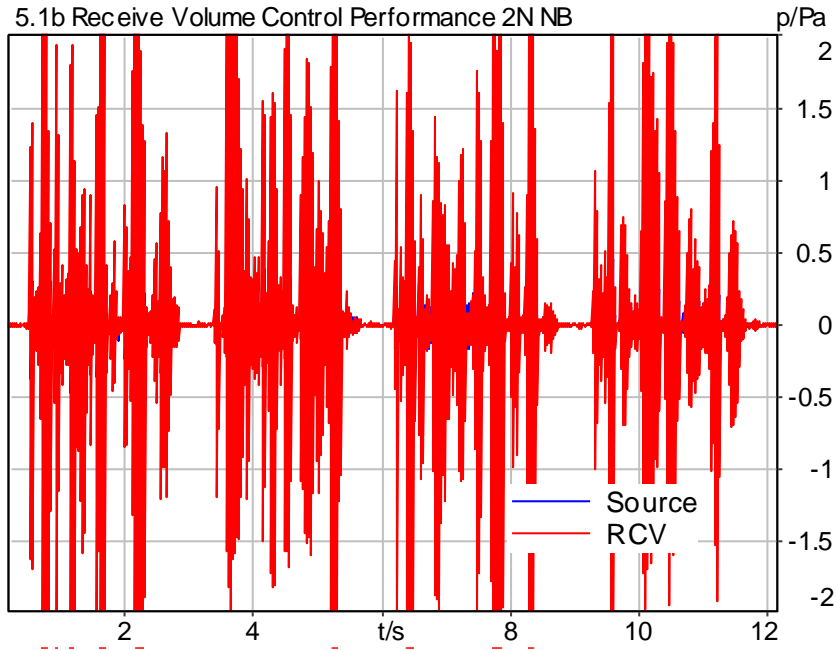
Delay (Cross): 233.9 ms

2024/2/13 下午 02:54 ACQUA 5.1.200



5.1b Receive Volume Control Performance 2N NB

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



Speech Level RCV: 87.33 dB[SPL], Act.: 50.20% Ok

Ok

2024/2/13 下午 02:55 ACQUA 5.1.200

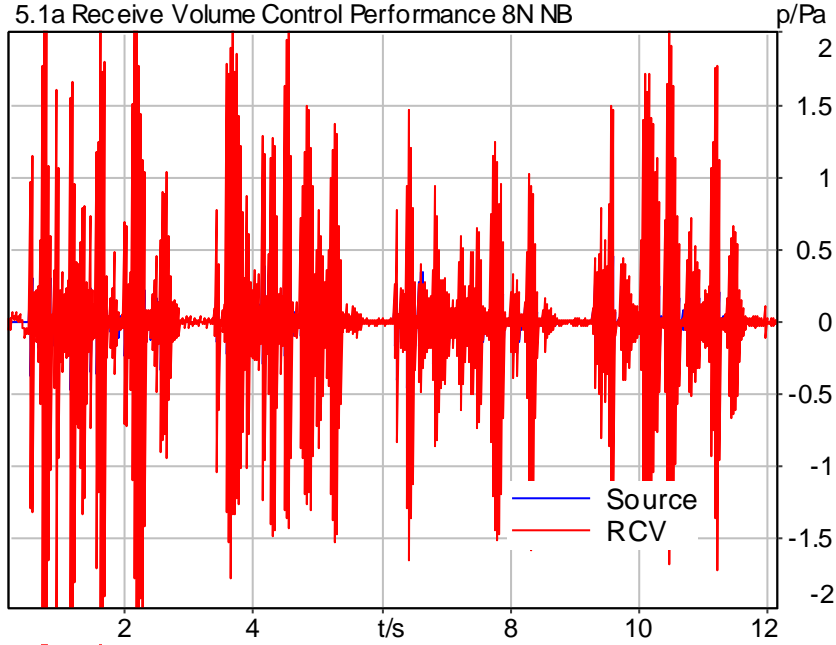
Limits

	lower
Run 1	76.00 dB20uPa



5.1a Receive Volume Control Performance 8N NB

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



Speech Level RCV: 89.04 dB[SPL], Act.: 18.39% Ok

Ok

2024/2/13 下午 03:09 ACQUA 5.1.200

Limits

	lower
Run 1	88.00 dB20uPa