



Appendix A. Volume Control Evaluation Results

<Evaluation results for KDB 285076 D05 2.a>



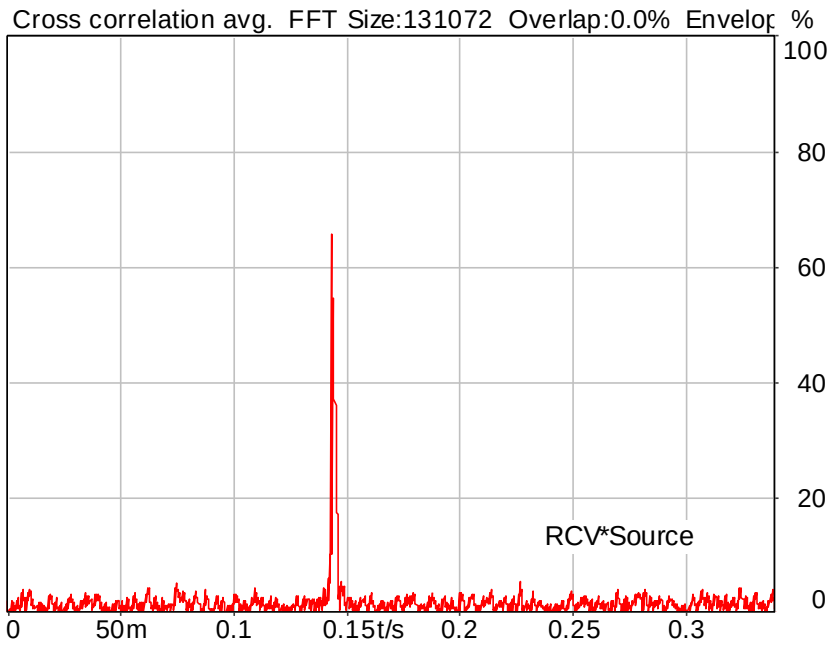
#1 LTE B30 EVS WB 24.4kbps

SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	144.1
5.1a Receive Volume Control Performance 8N WB limit	Ok	Speech Level [dB[SPL]]	88.68
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.41
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	29.17
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	30.82
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.86
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	36.20
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	39.30
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	36.05
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.82
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	30.40
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	34.40
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.74
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.84
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.40
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	36.80
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	34.34
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	29.57
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	30.62
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.85
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	36.09
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	37.69
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	36.68
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	34.65
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.15
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.08
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.73
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	37.16
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	39.56
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	36.82
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	34.92
5.3 Frequency Response 8N FF	Ok	Min. dist. to tolerance scheme [dB], 544.4 Hz	0.57
5.3 Frequency Response 2N FF	Ok	Min. dist. to tolerance scheme [dB], 544.4 Hz	0.66



Overall Receive Delay WB

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

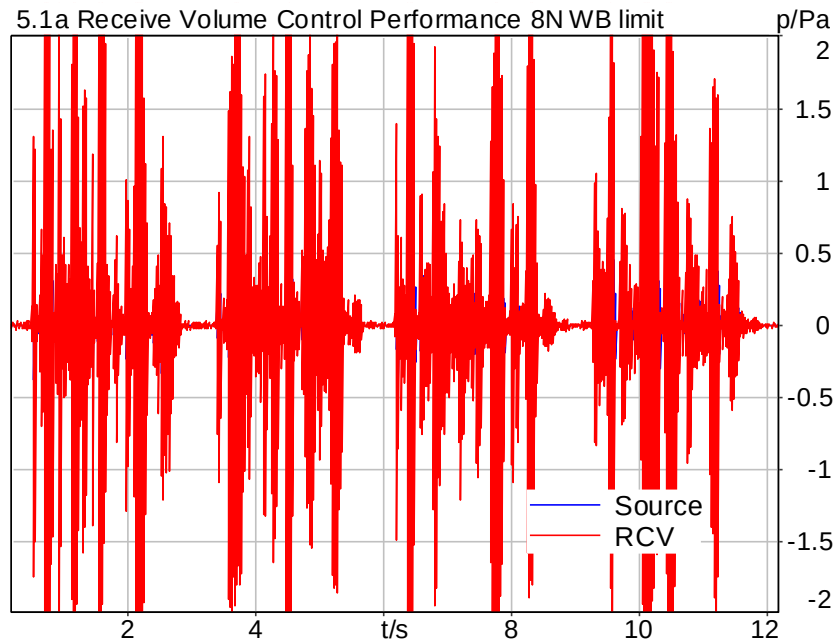


Channel	Delay
RCV*Source	144.1 ms

2024/4/25 下午 10:04 ACQUA 6.0.200

5.1a Receive Volume Control Performance 8N WB limit

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



Channel	Speech level	Activity	
RCV	88.68 dB[SPL]	47.73%	Ok

Ok

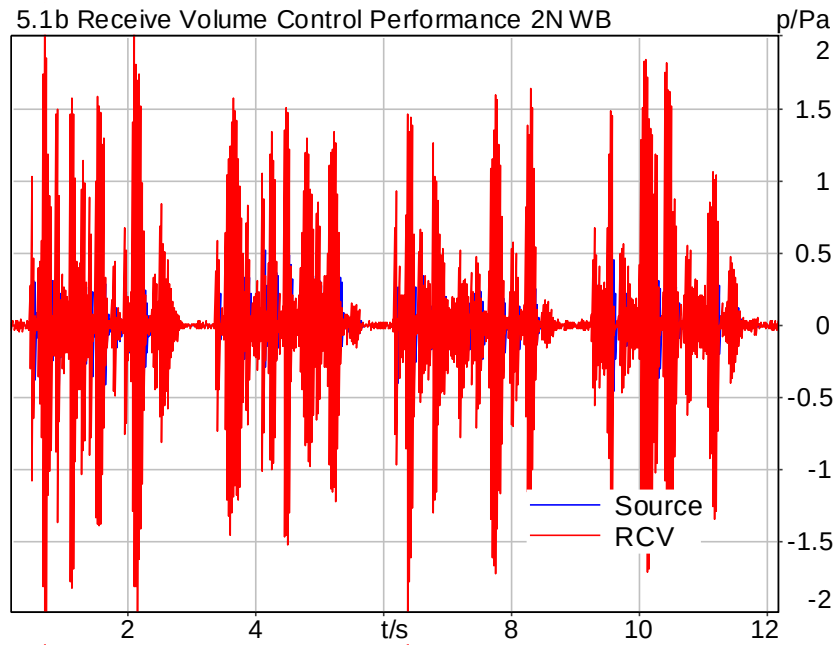
2024/4/25 下午 10:04 ACQUA 6.0.200

Limits

	lower
Run 1	76.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

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



Channel	Speech level	Activity	
RCV	87.41 dB[SPL]	27.98%	Ok

Ok

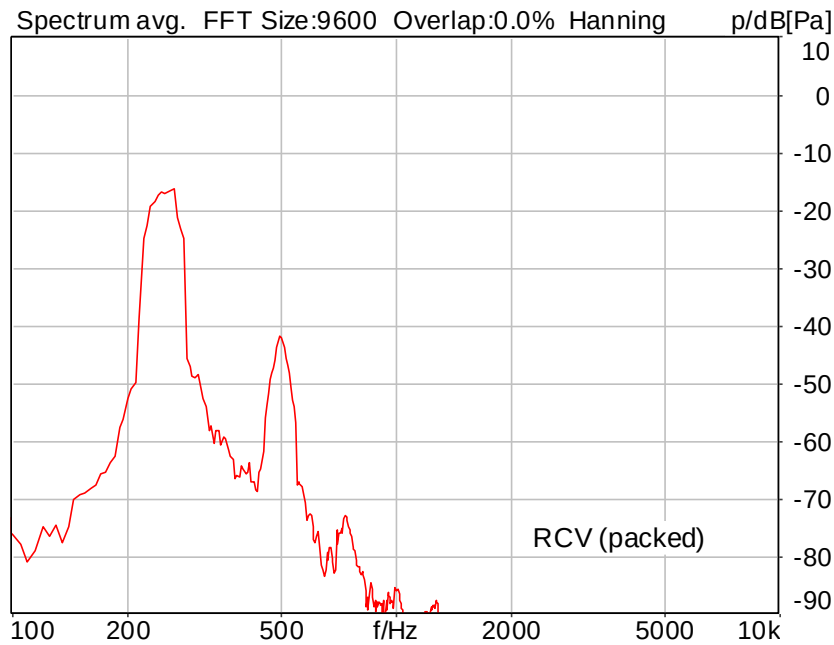
2024/4/25 下午 10:27 ACQUA 6.0.200

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): 29.17 dB (3.48%) Ok

Ok

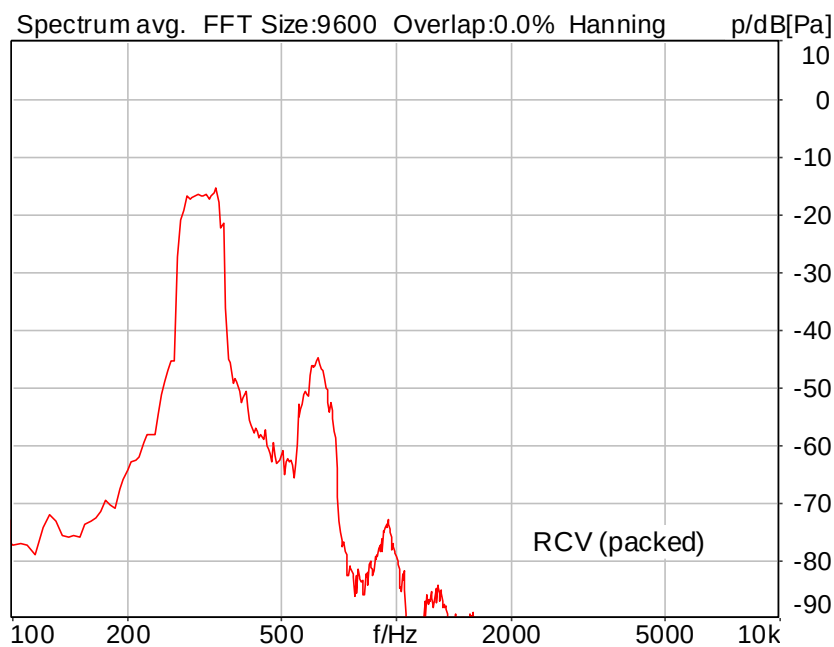
2024/4/25 下午 10:33 ACQUA 6.0.200

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): 30.82 dB (2.88%) Ok

Ok

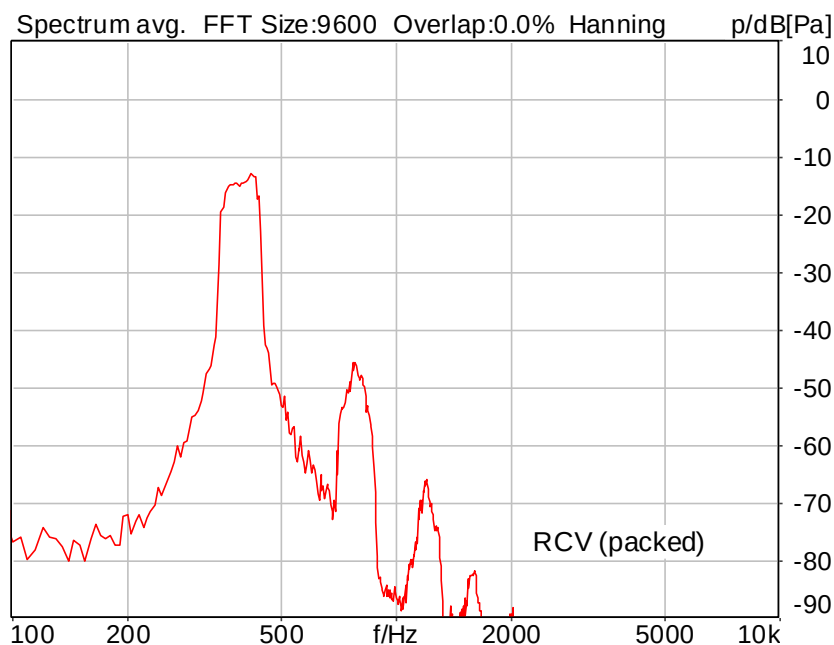
2024/4/25 下午 10:34 ACQUA 6.0.200

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): 32.86 dB (2.28%) Ok

Ok

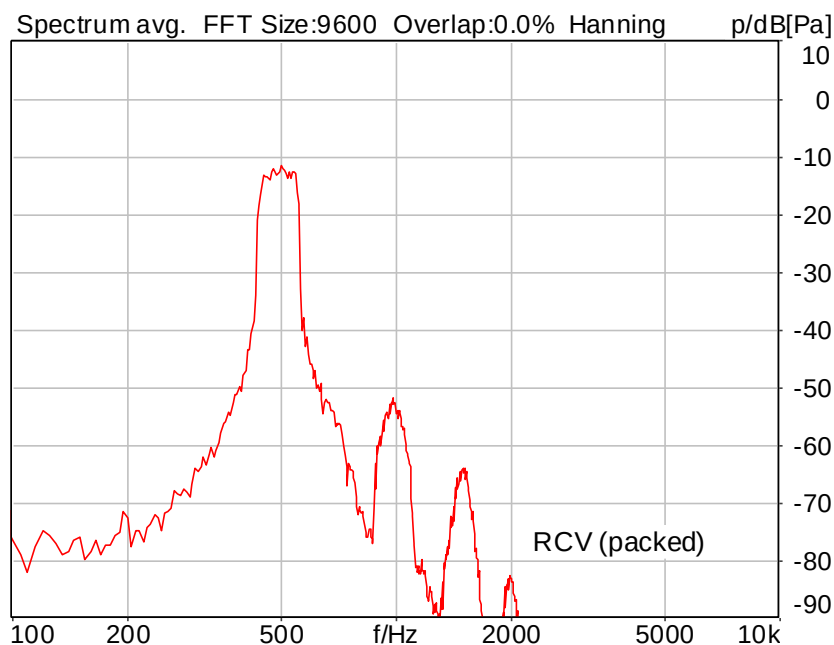
2024/4/25 下午 10:06 ACQUA 6.0.200

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): 36.20 dB (1.55%) Ok

Ok

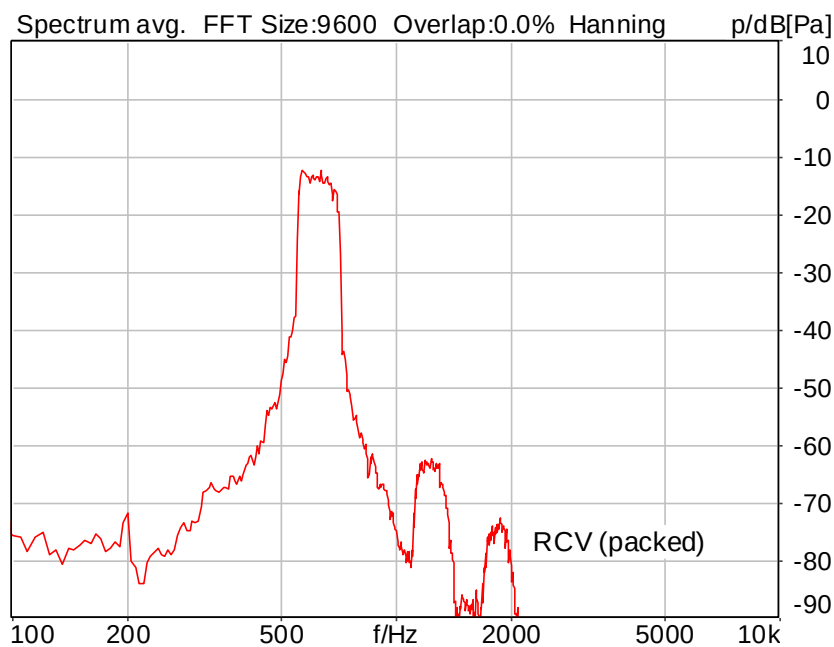
2024/4/25 下午 10:06 ACQUA 6.0.200

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): 39.30 dB (1.08%) Ok

Ok

2024/4/25 下午 10:07 ACQUA 6.0.200

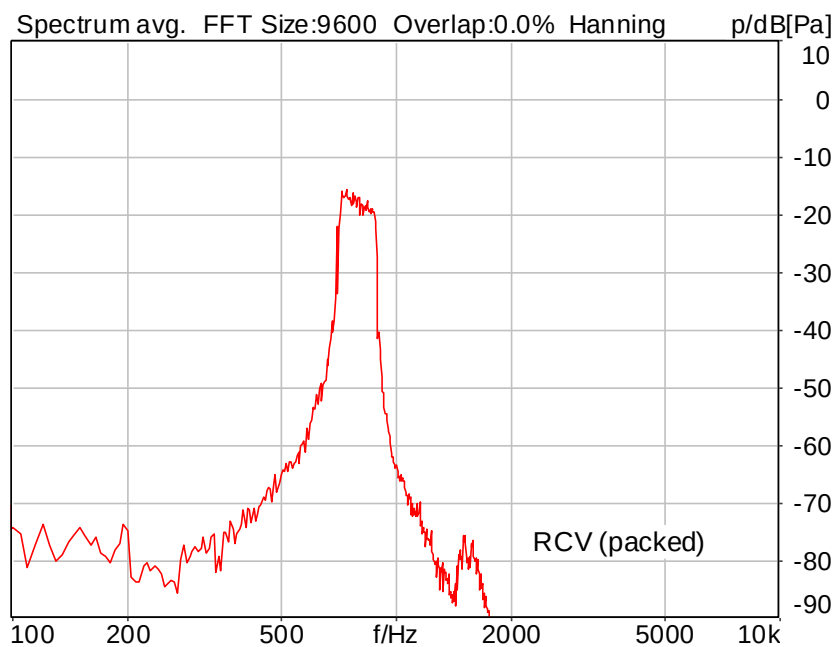
Limits

	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): 36.05 dB (1.58%) Ok

Ok

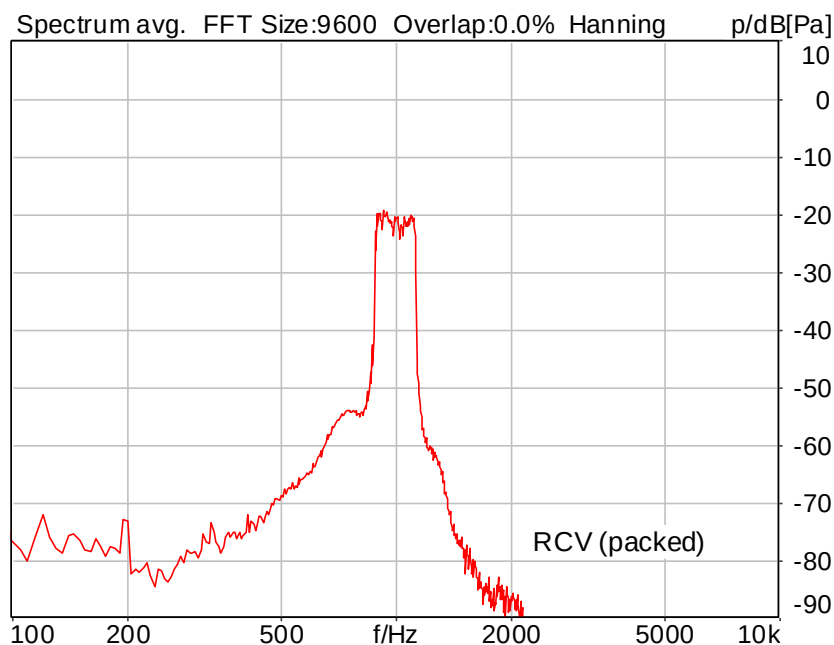
2024/4/25 下午 10:07 ACQUA 6.0.200

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): 33.82 dB (2.04%) Ok

Ok

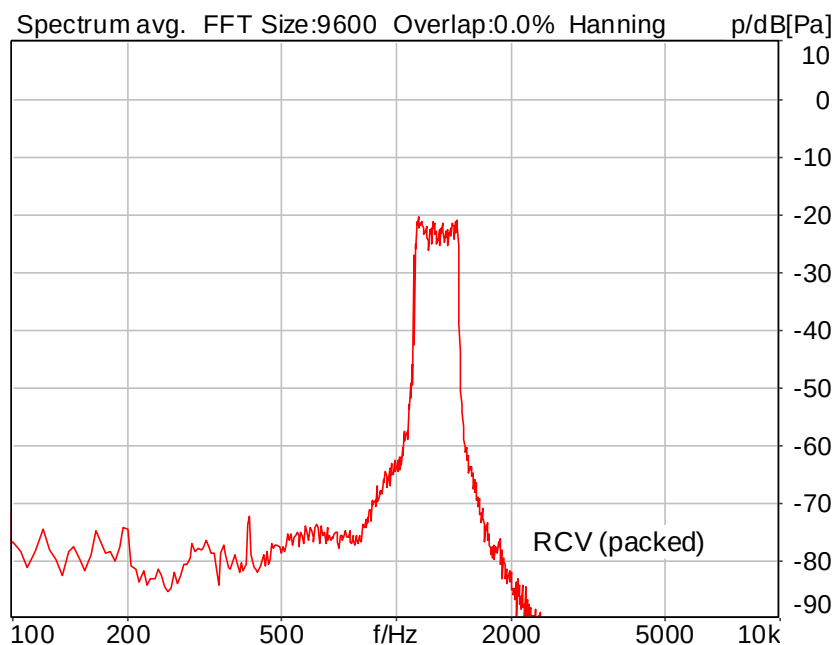
2024/4/25 下午 10:08 ACQUA 6.0.200

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): 30.40 dB (3.02%) Ok

Ok

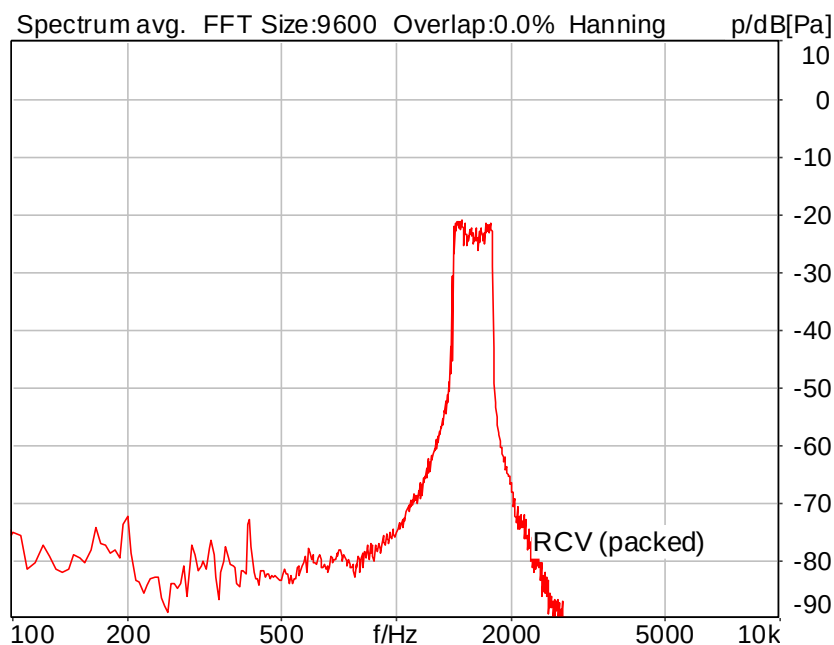
2024/4/25 下午 10:36 ACQUA 6.0.200

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): 34.40 dB (1.90%) Ok

Ok

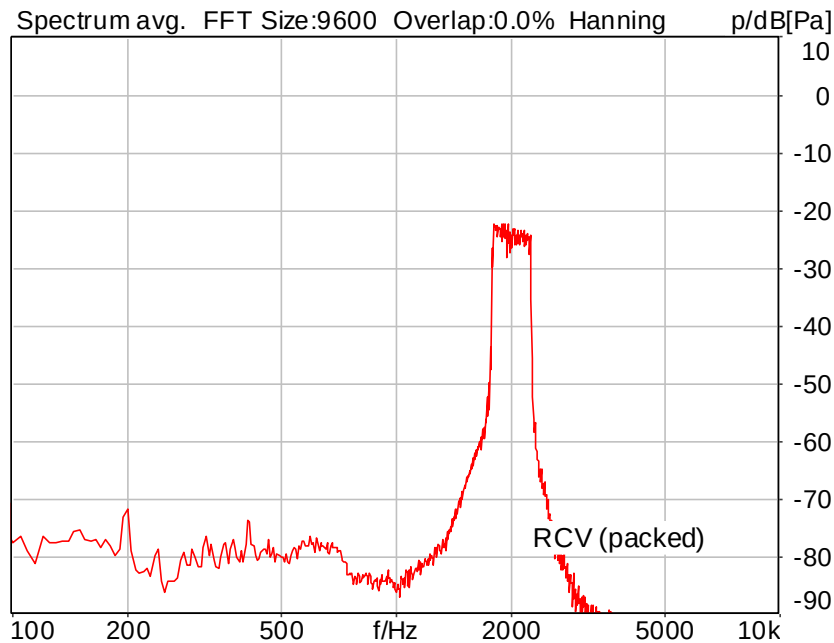
2024/4/25 下午 10:09 ACQUA 6.0.200

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): 35.74 dB (1.63%) Ok

Ok

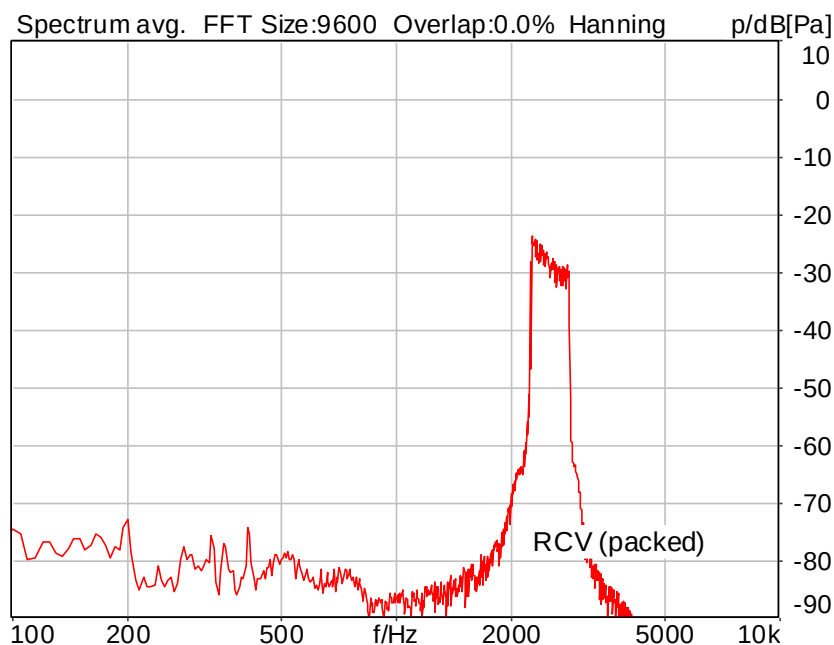
2024/4/25 下午 10:09 ACQUA 6.0.200

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): 35.84 dB (1.62%) Ok

Ok

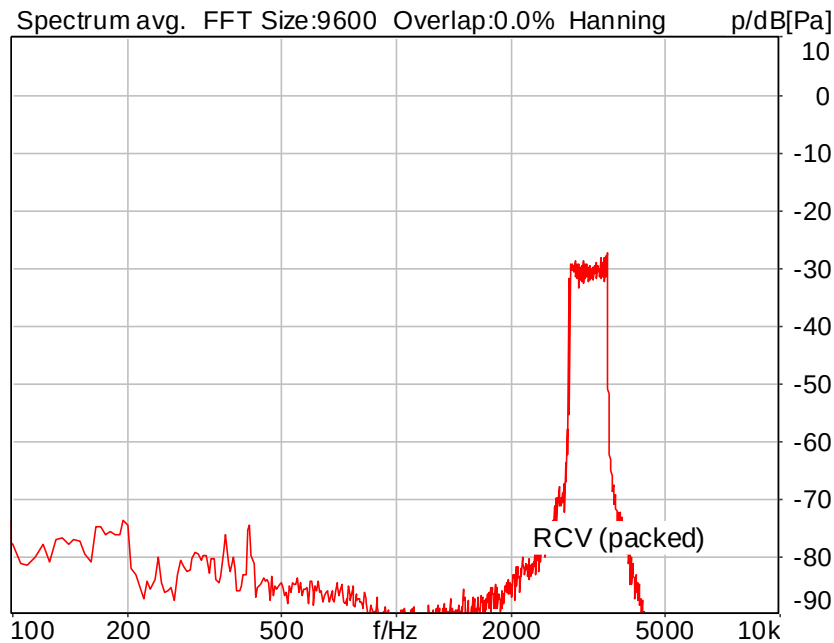
2024/4/25 下午 10:10 ACQUA 6.0.200

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): 38.40 dB (1.20%) Ok

Ok

2024/4/25 下午 10:10 ACQUA 6.0.200

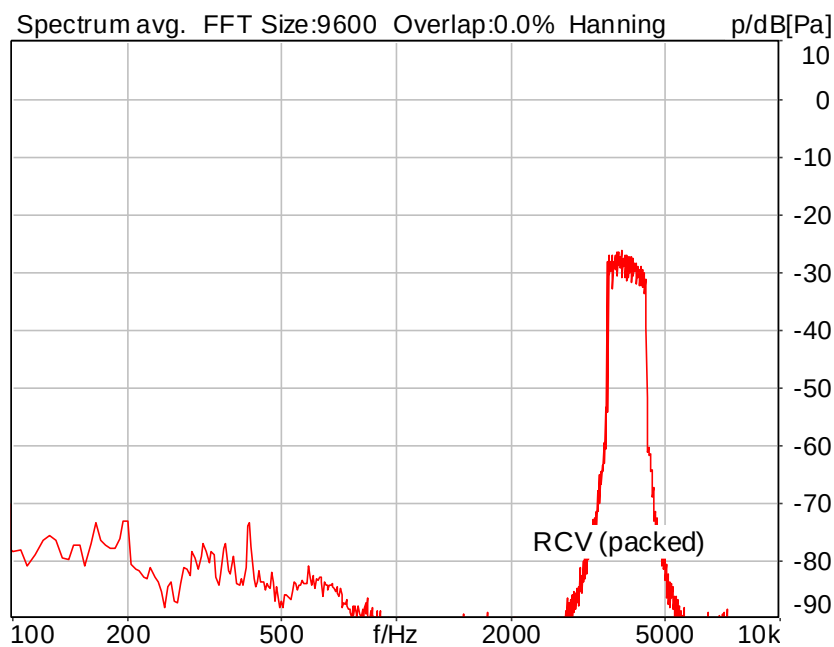
Limits

	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): 36.80 dB (1.44%) Ok

Ok

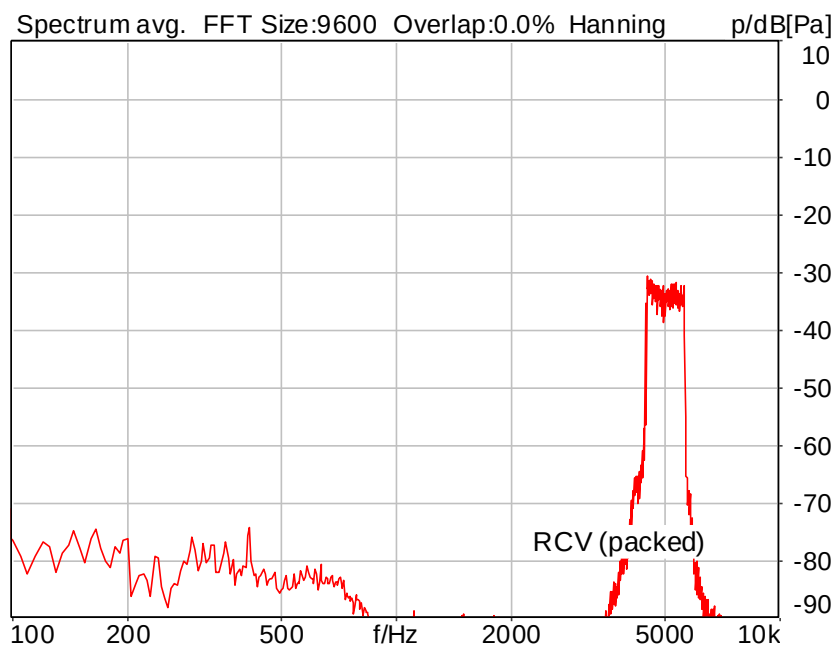
2024/4/25 下午 10:11 ACQUA 6.0.200

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): 34.34 dB (1.92%) Ok

Ok

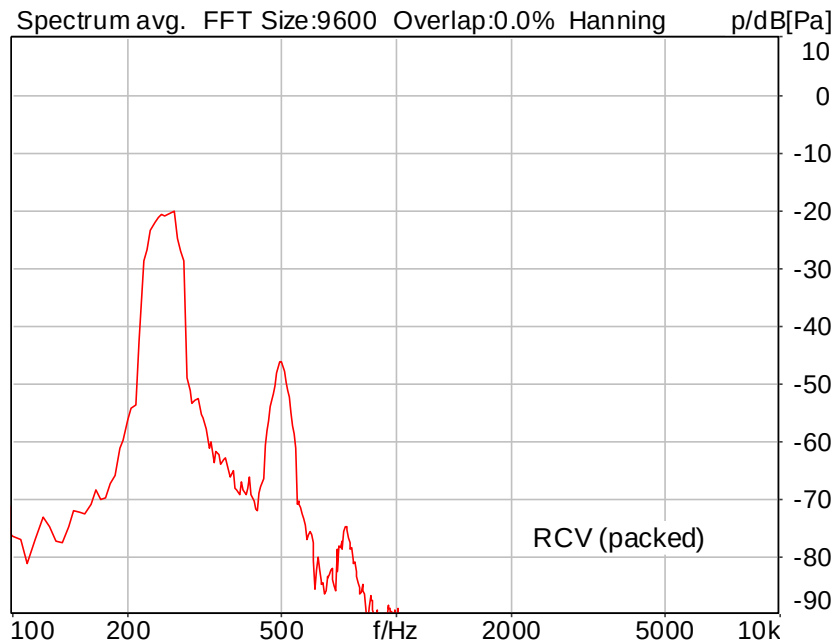
2024/4/25 下午 10:11 ACQUA 6.0.200

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): 29.57 dB (3.32%) Ok

Ok

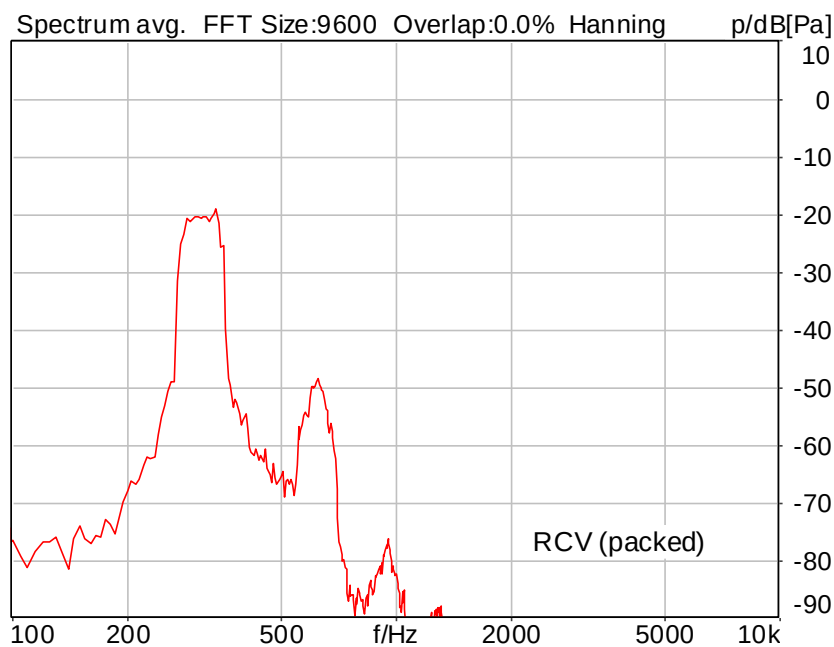
2024/4/25 下午 10:29 ACQUA 6.0.200

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): 30.62 dB (2.94%) Ok

Ok

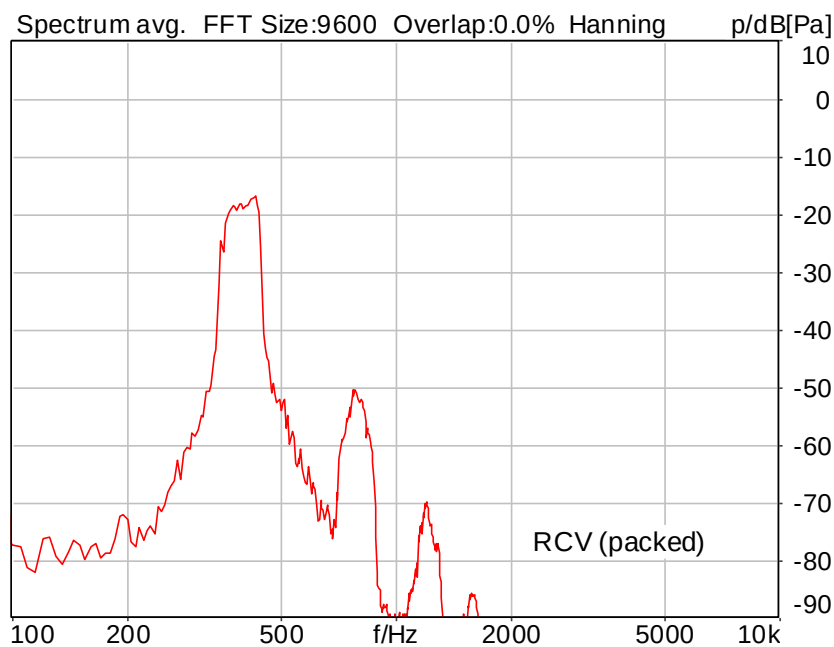
2024/4/25 下午 10:30 ACQUA 6.0.200

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): 32.85 dB (2.28%) Ok

Ok

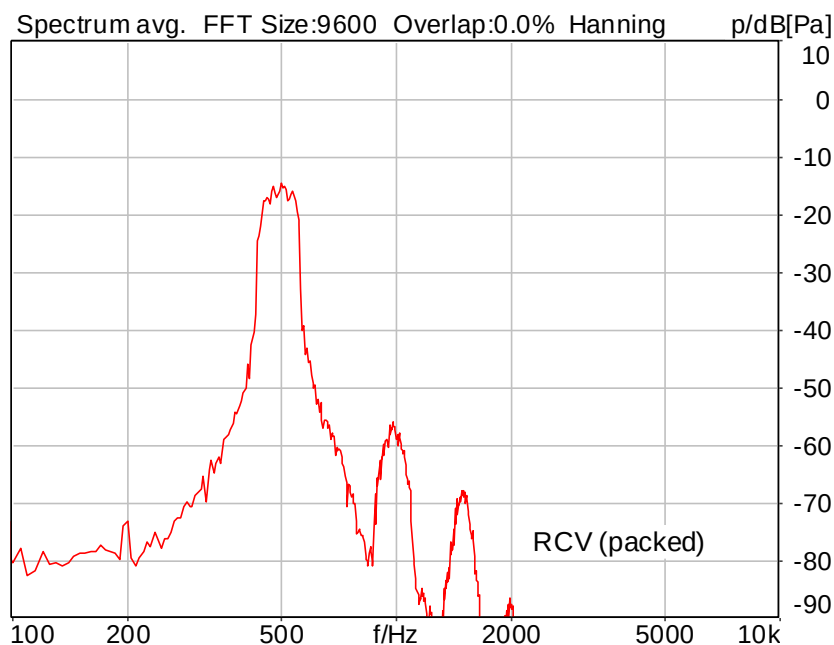
2024/4/25 下午 10:15 ACQUA 6.0.200

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): 36.09 dB (1.57%) Ok

Ok

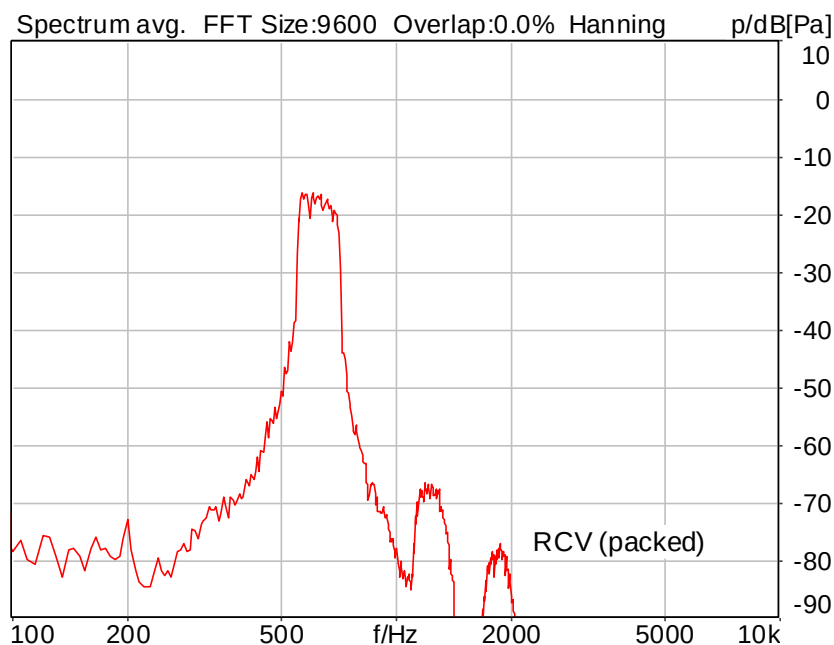
2024/4/25 下午 10:16 ACQUA 6.0.200

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): 37.69 dB (1.31%) Ok

Ok

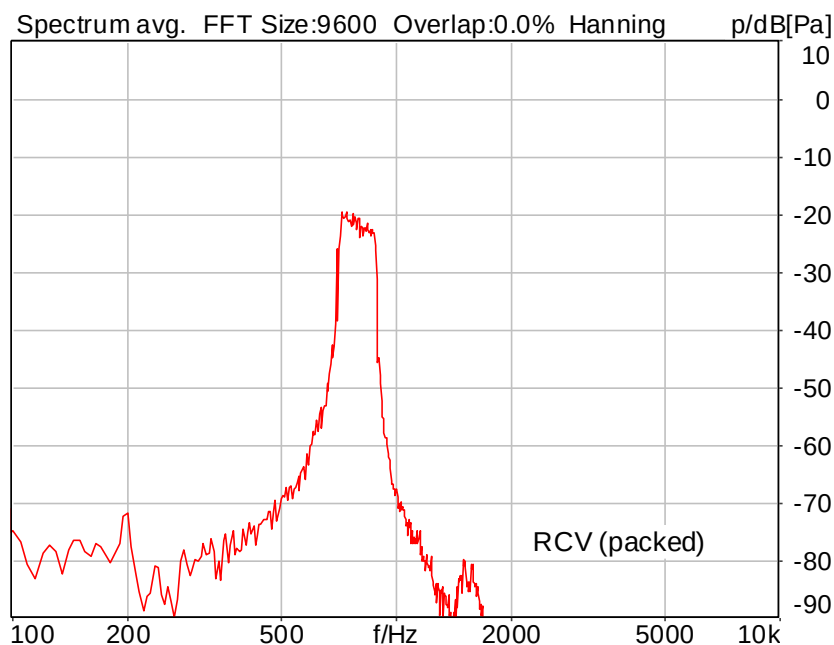
2024/4/25 下午 10:16 ACQUA 6.0.200

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): 36.68 dB (1.46%) Ok

Ok

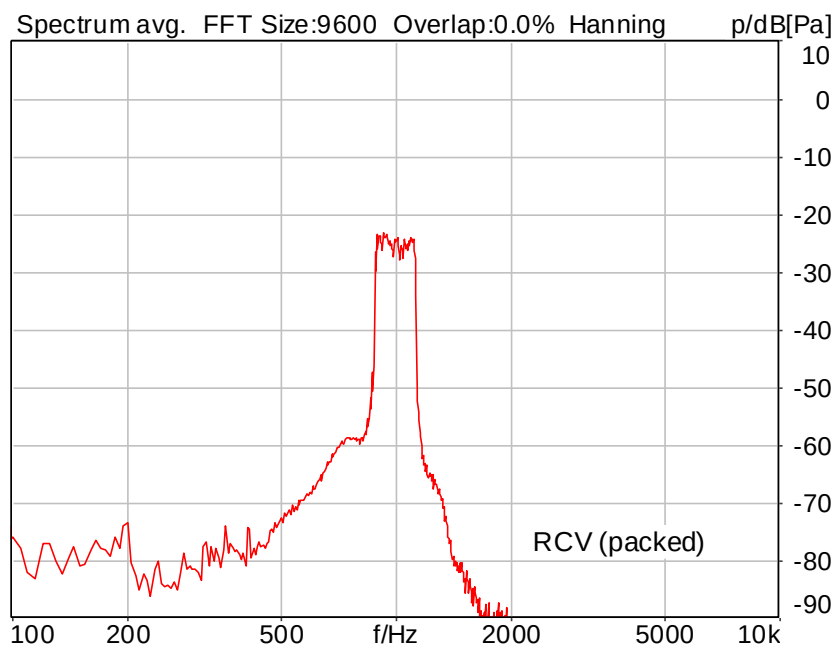
2024/4/25 下午 10:17 ACQUA 6.0.200

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): 34.65 dB (1.85%) Ok

Ok

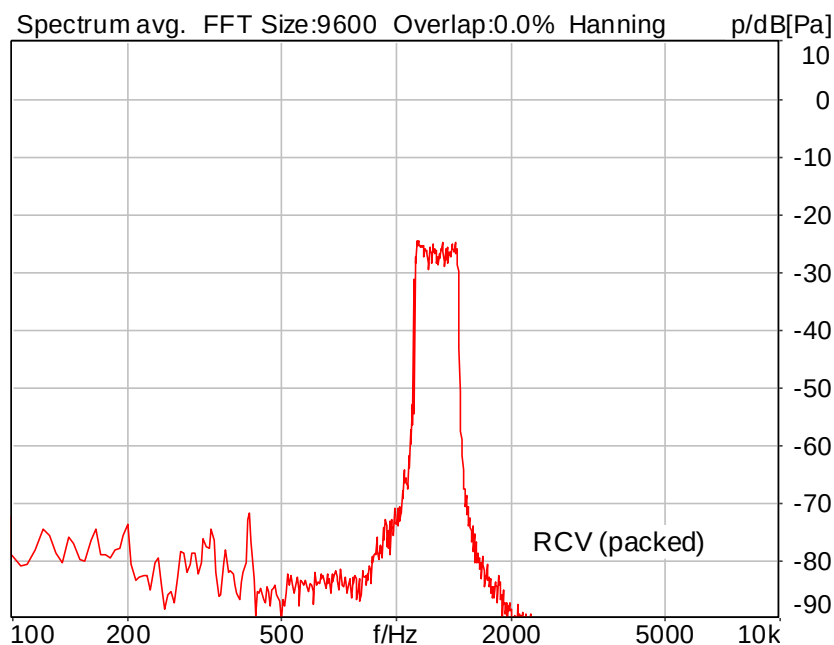
2024/4/25 下午 10:17 ACQUA 6.0.200

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): 32.15 dB (2.47%) Ok

Ok

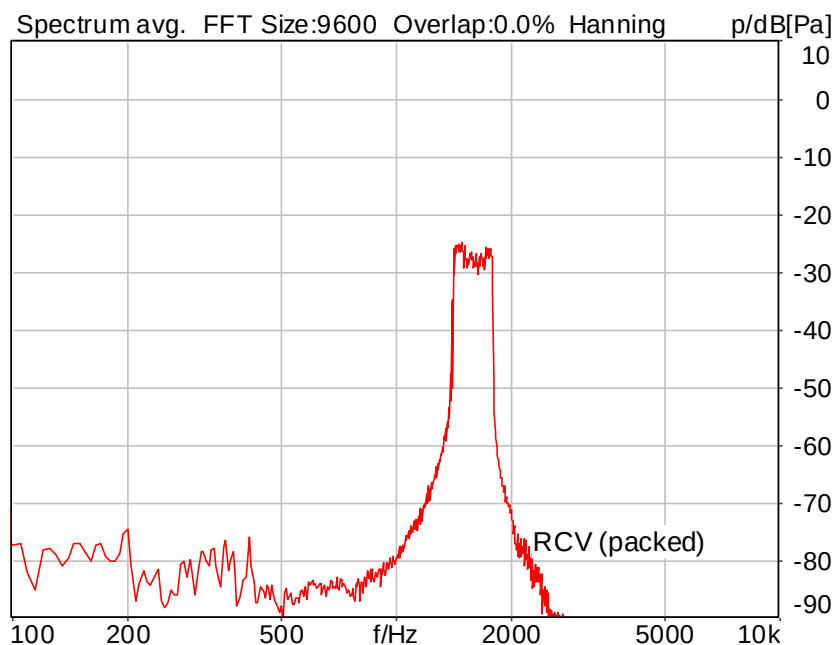
2024/4/25 下午 10:30 ACQUA 6.0.200

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): 35.08 dB (1.76%) Ok

Ok

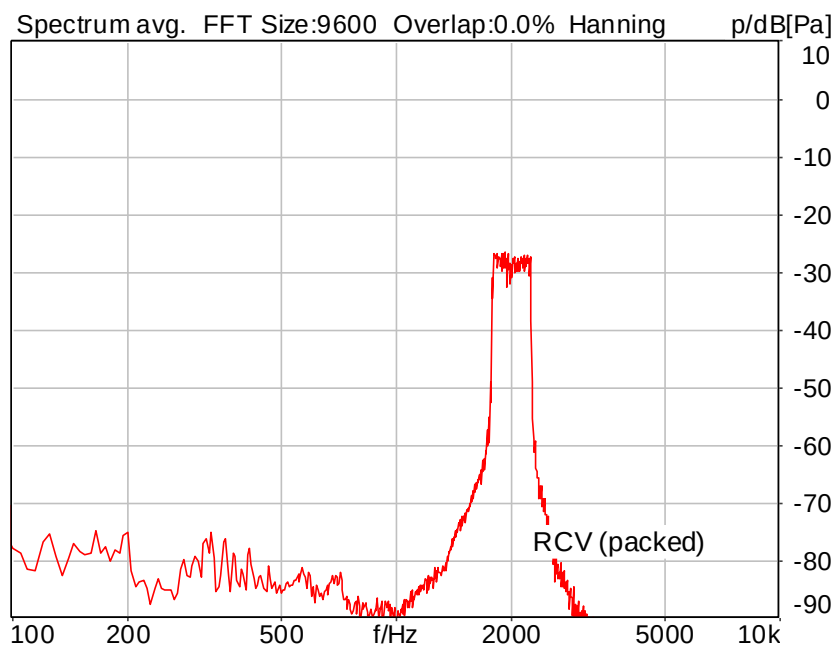
2024/4/25 下午 10:18 ACQUA 6.0.200

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): 35.73 dB (1.63%) Ok

Ok

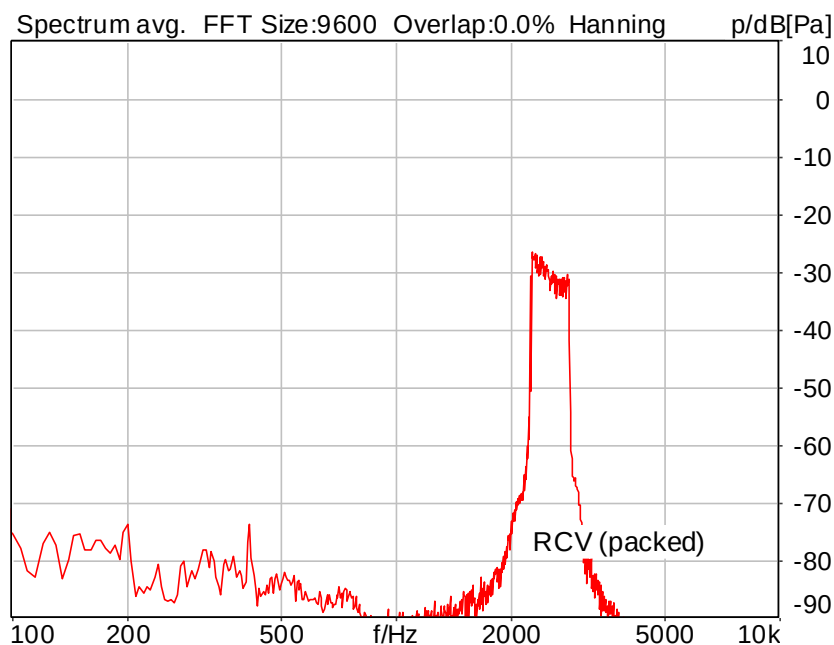
2024/4/25 下午 10:19 ACQUA 6.0.200

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): 37.16 dB (1.39%) Ok

Ok

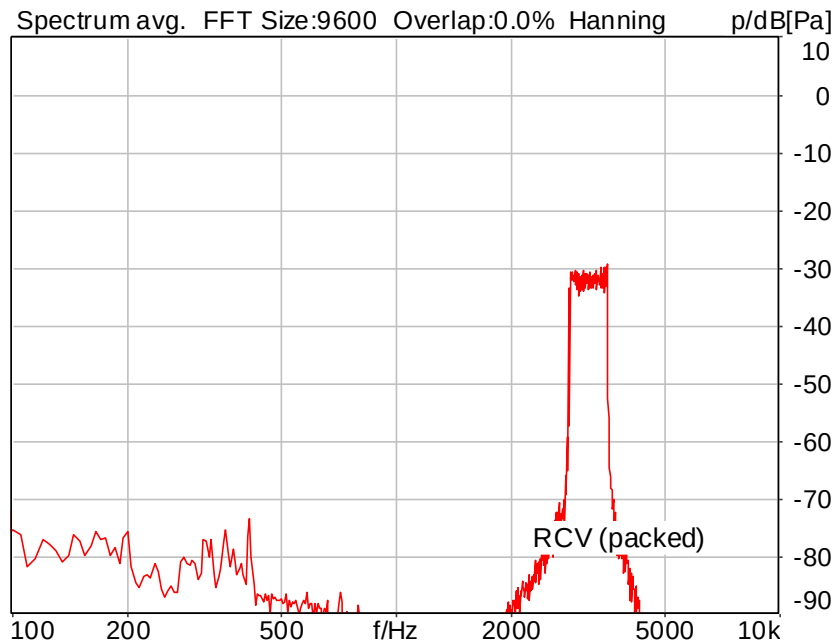
2024/4/25 下午 10:19 ACQUA 6.0.200

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): 39.56 dB (1.05%) Ok

Ok

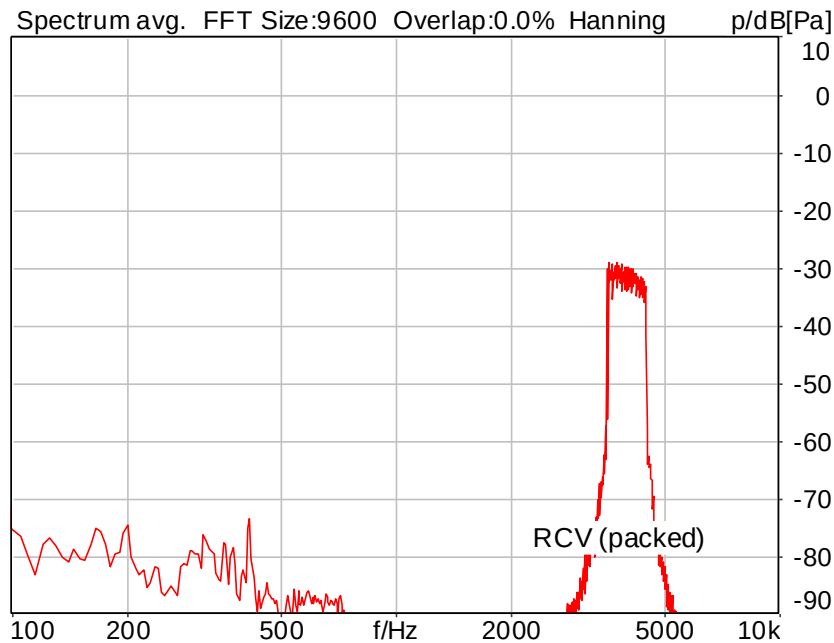
2024/4/25 下午 10:20 ACQUA 6.0.200

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): 36.82 dB (1.44%) Ok

Ok

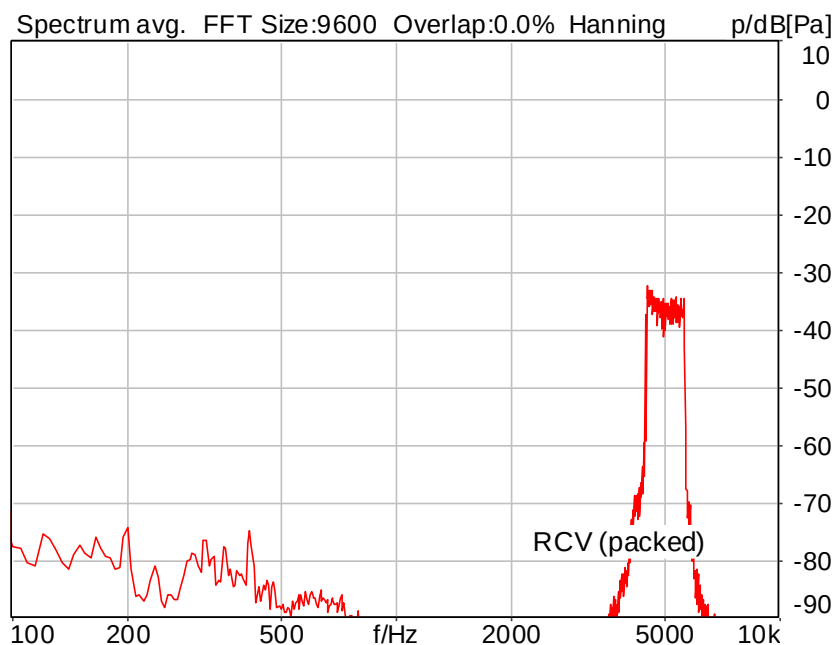
2024/4/25 下午 10:20 ACQUA 6.0.200

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): 34.92 dB (1.79%) Ok

Ok

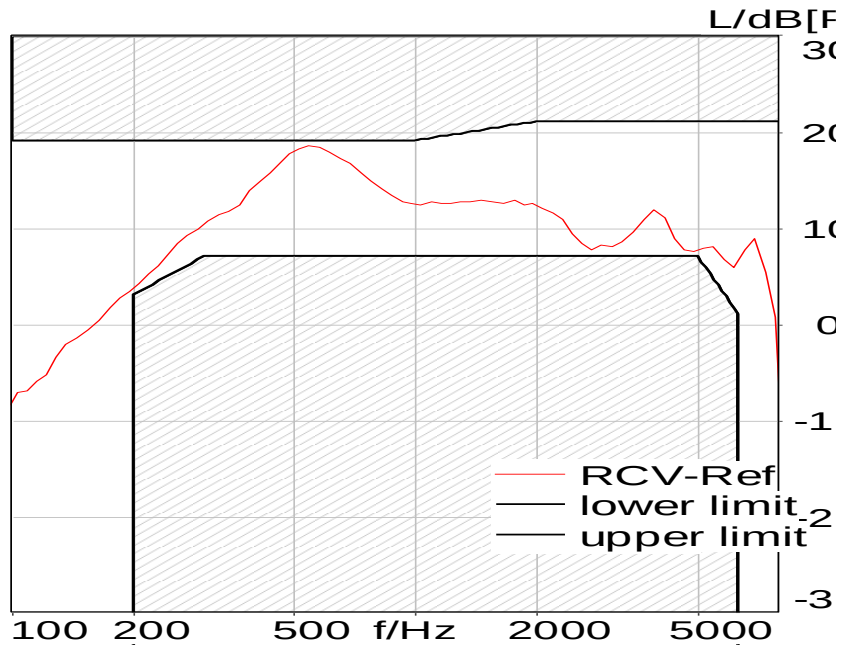
2024/4/25 下午 10:21 ACQUA 6.0.200

Limits

	lower
Run 1	20.00 dB

5.3 Frequency Response 8N FF

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



Absolute minimal distance

0.57 dB at 544.4 Hz Ok

Ok

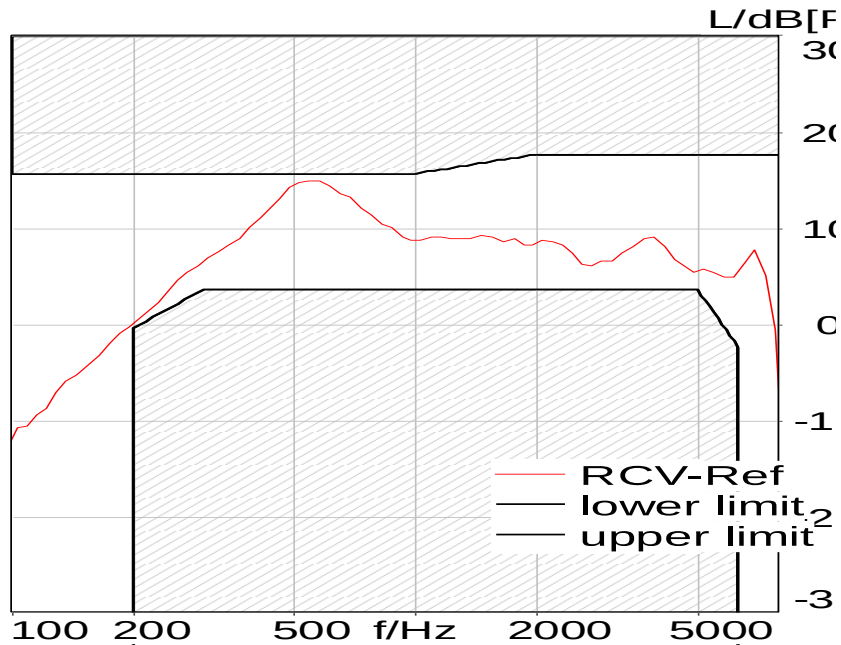
2024/4/25 下午 10:35 ACQUA 6.0.200

Limits

	lower
Run 1	Fit into tolerance

5.3 Frequency Response 2N FF

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



Absolute minimal distance

0.66 dB at 544.4 Hz Ok

Ok

2024/4/25 下午 10:30 ACQUA 6.0.200

Limits

	lower
Run 1	Fit into tolerance

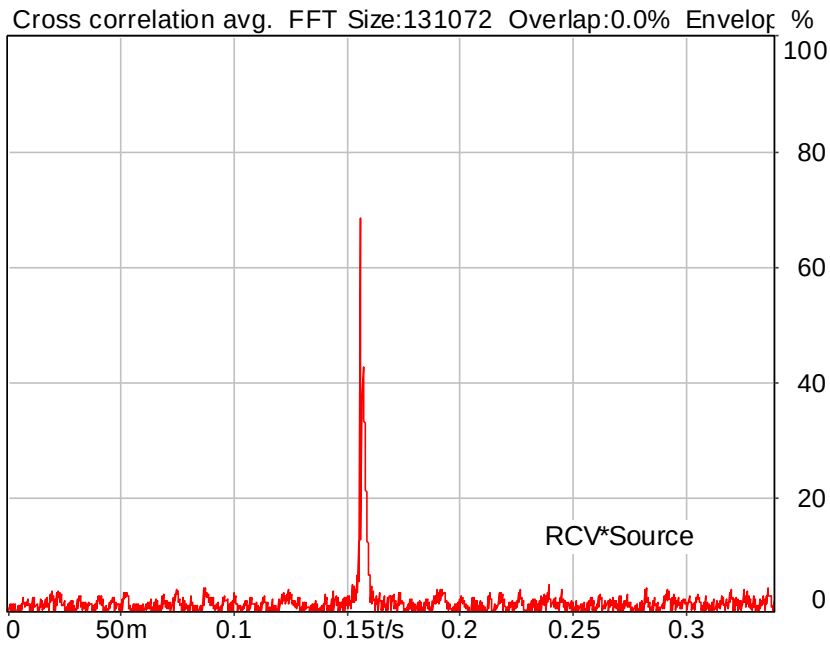
#2 FR1 n26 EVS WB 24.4kbps

SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	156.7
5.1a Receive Volume Control Performance 8N WB limit	Ok	Speech Level [dB[SPL]]	92.11
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	91.58
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	22.56
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	25.18
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.19
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.34
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	34.68
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	36.84
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.55
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.85
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	37.05
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.86
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	34.09
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	36.40
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.48
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	36.35
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	21.96
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	24.57
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	30.74
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.96
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.96
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	36.19
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	30.77
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.03
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.57
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	37.67
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	39.10
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	34.75
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	39.81
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	37.81
5.3 Frequency Response 8N FF	Ok	Min. dist. to tolerance scheme [dB], 436.9 Hz	1.53
5.3 Frequency Response 2N FF	Ok	Min. dist. to tolerance scheme [dB], 487.0 Hz	1.38



Overall Receive Delay WB

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

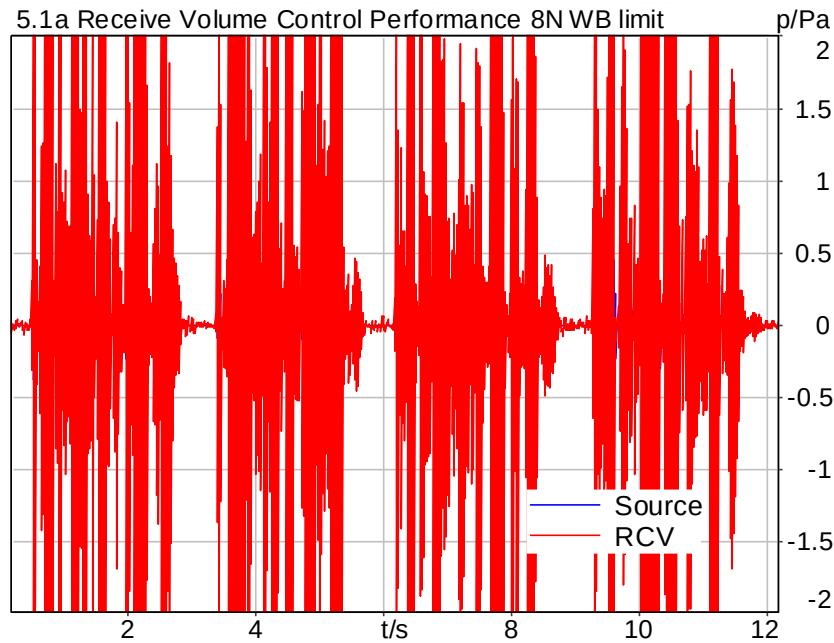


Channel	Delay
RCV*Source	156.7 ms

2024/5/30 上午 05:18 ACQUA 6.0.200

5.1a Receive Volume Control Performance 8N WB limit

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



Channel	Speech level	Activity	
RCV	92.11 dB[SPL]	81.01%	Ok

Ok

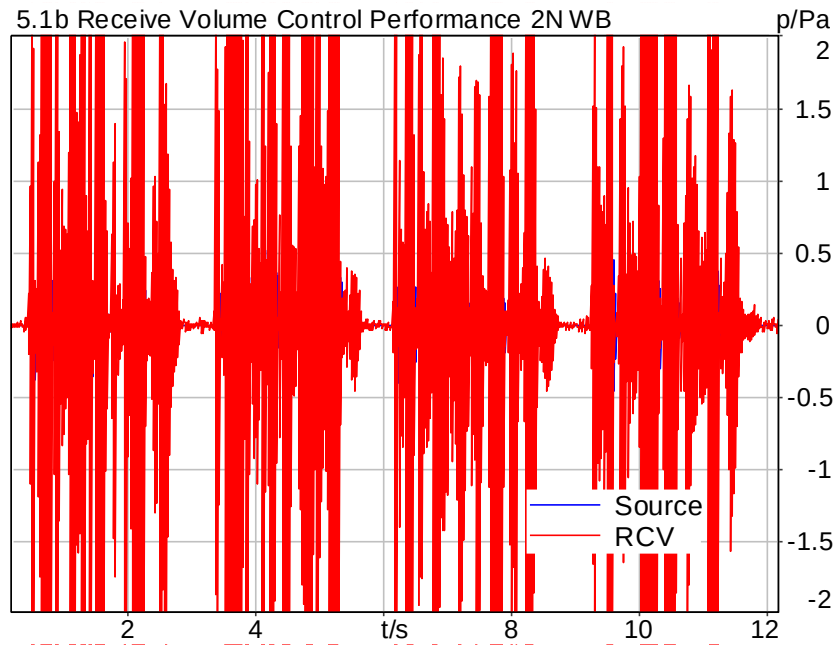
2024/5/30 上午 05:19 ACQUA 6.0.200

Limits

	lower
Run 1	76.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

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



Channel	Speech level	Activity	
RCV	91.58 dB[SPL]	80.99%	Ok

Ok

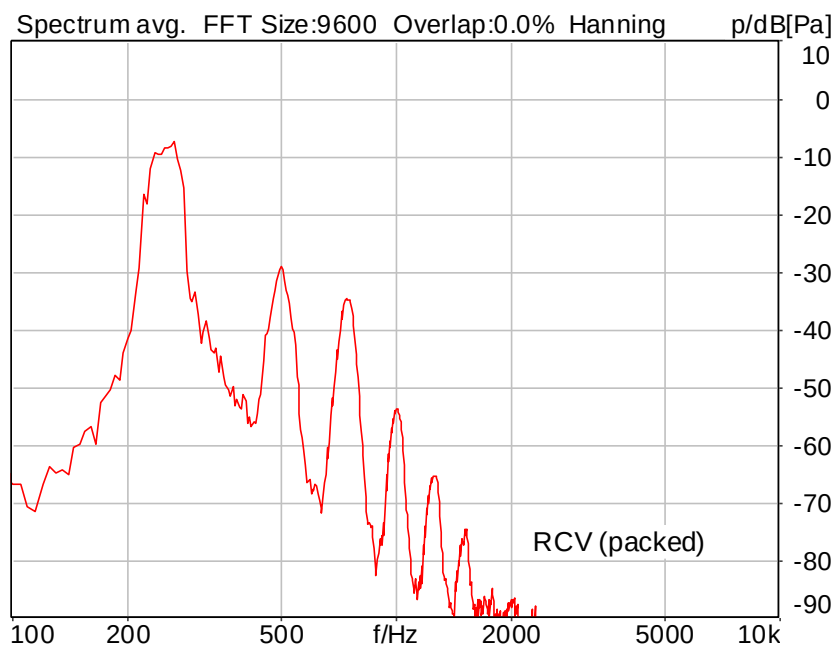
2024/5/30 上午 05:35 ACQUA 6.0.200

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): 22.56 dB (7.45%) Ok

Ok

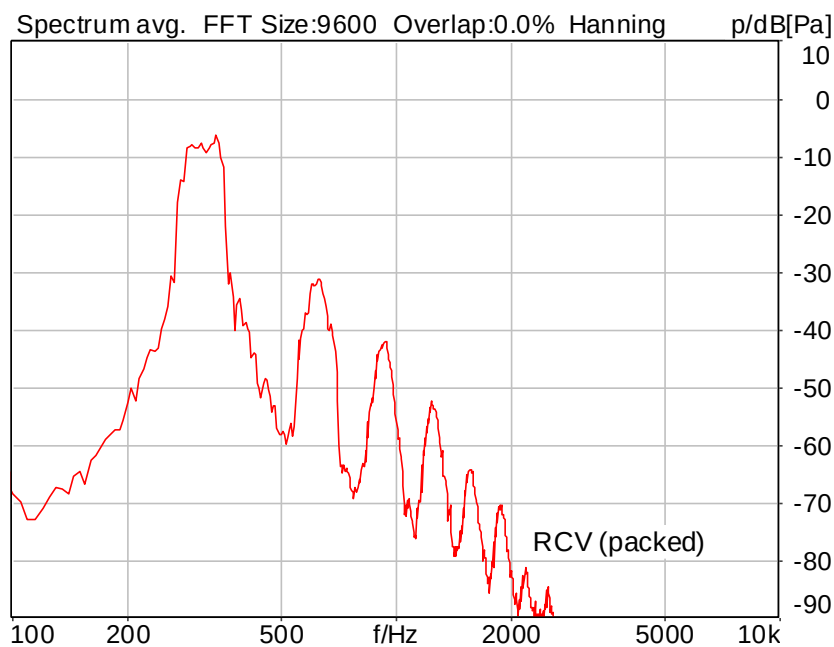
2024/5/30 上午 05:43 ACQUA 6.0.200

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): 25.18 dB (5.51%) Ok

Ok

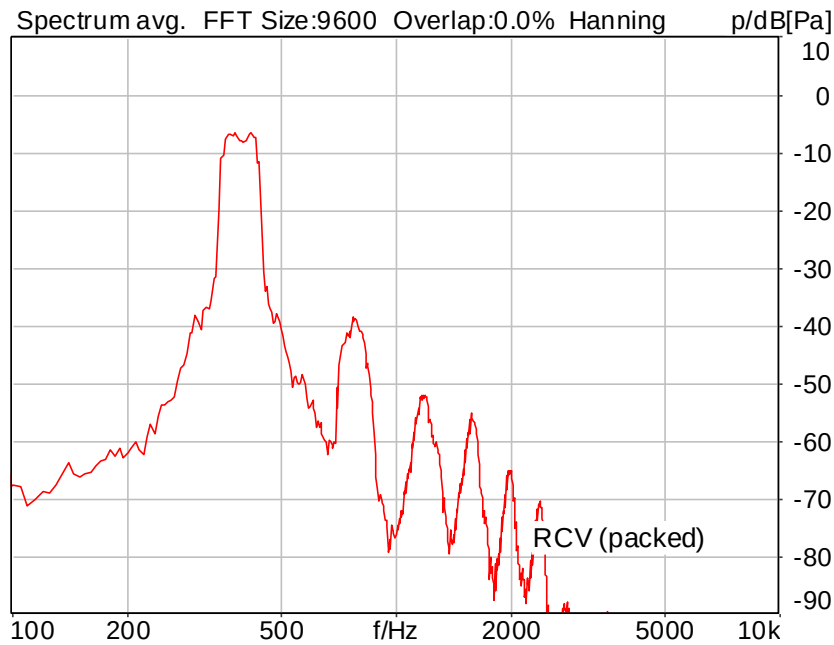
2024/5/30 上午 05:44 ACQUA 6.0.200

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): 31.19 dB (2.76%) Ok

Ok

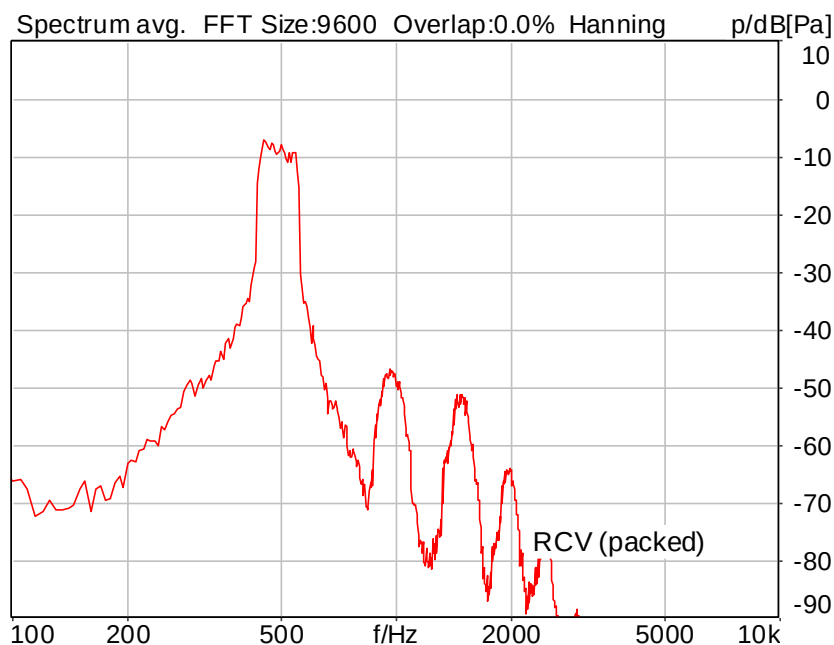
2024/5/30 上午 05:20 ACQUA 6.0.200

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): 33.34 dB (2.15%) Ok

Ok

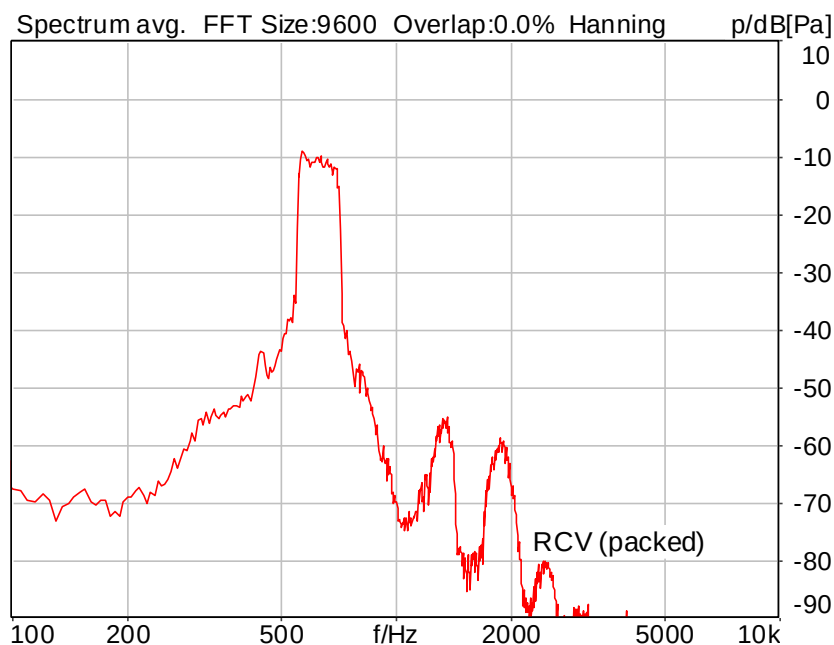
2024/5/30 上午 05:21 ACQUA 6.0.200

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): 34.68 dB (1.84%) Ok

Ok

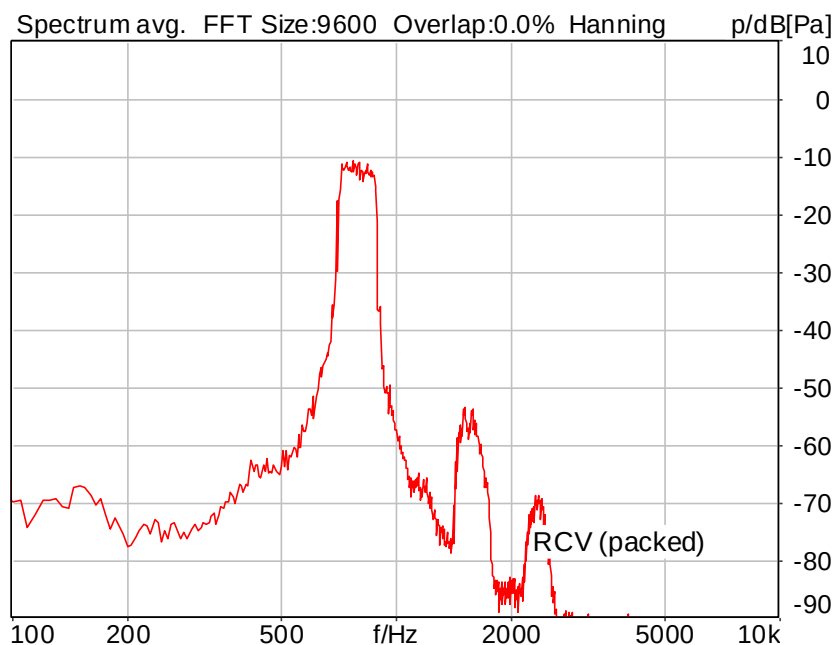
2024/5/30 上午 05:21 ACQUA 6.0.200

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): 36.84 dB (1.44%) Ok

Ok

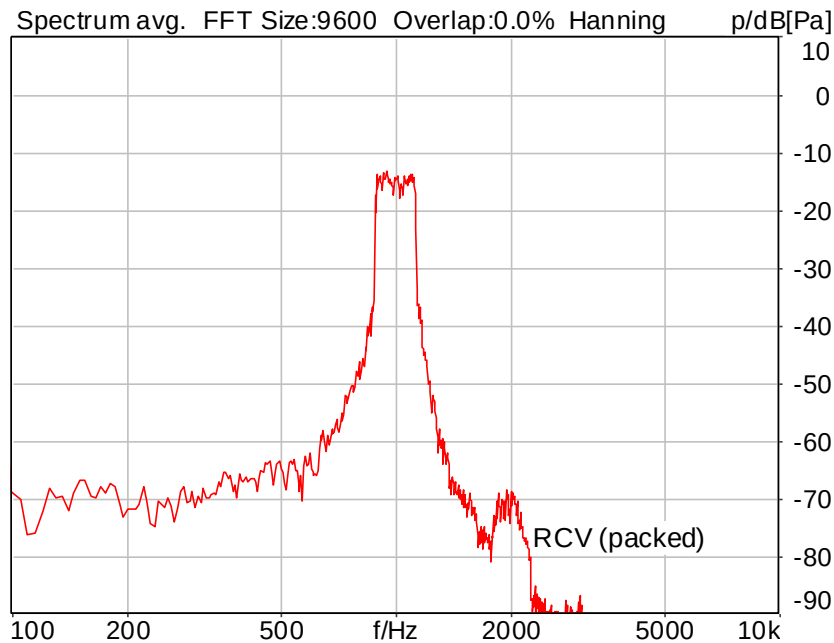
2024/5/30 上午 05:21 ACQUA 6.0.200

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): 31.55 dB (2.64%) Ok

Ok

2024/5/30 上午 05:22 ACQUA 6.0.200

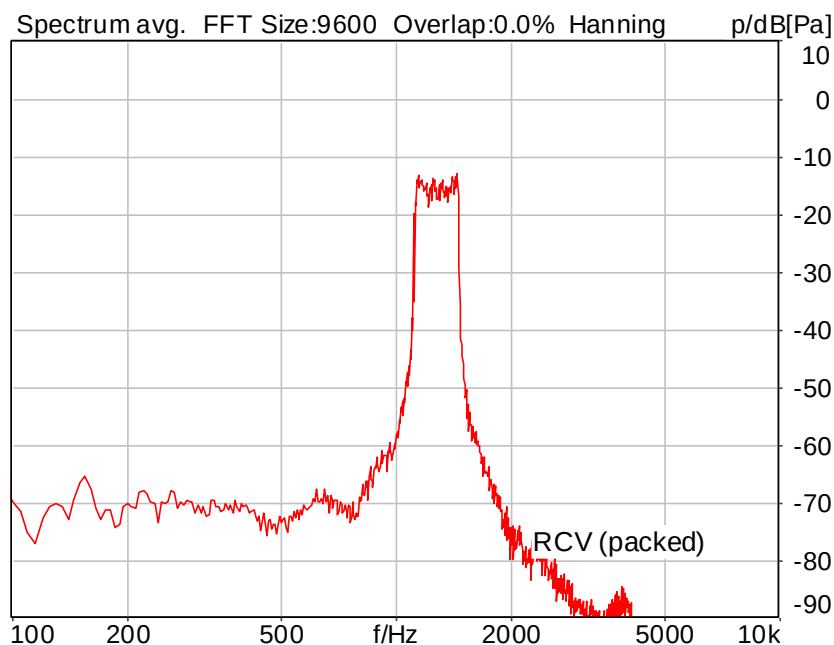
Limits

	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): 28.85 dB (3.61%) Ok

Ok

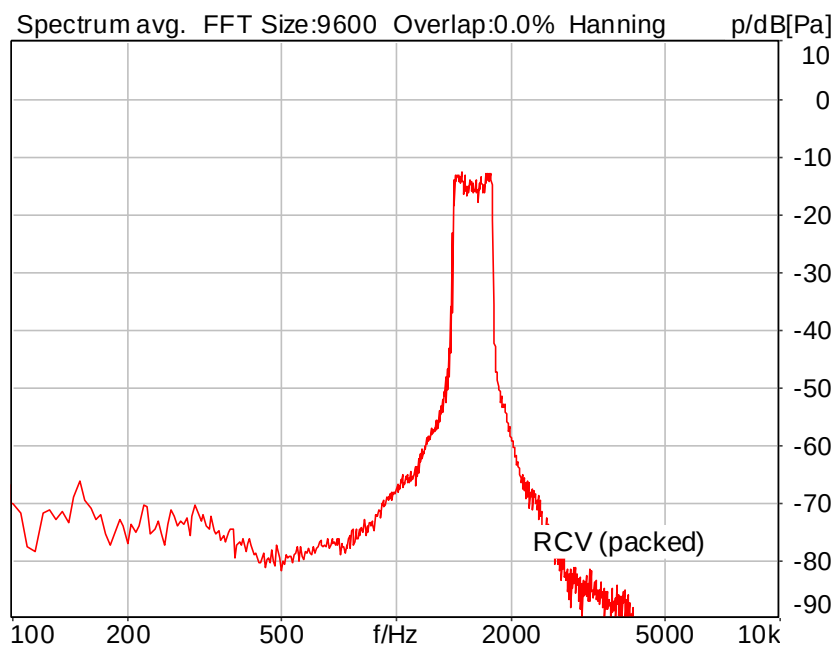
2024/5/30 上午 05:46 ACQUA 6.0.200

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): 37.05 dB (1.40%) Ok

Ok

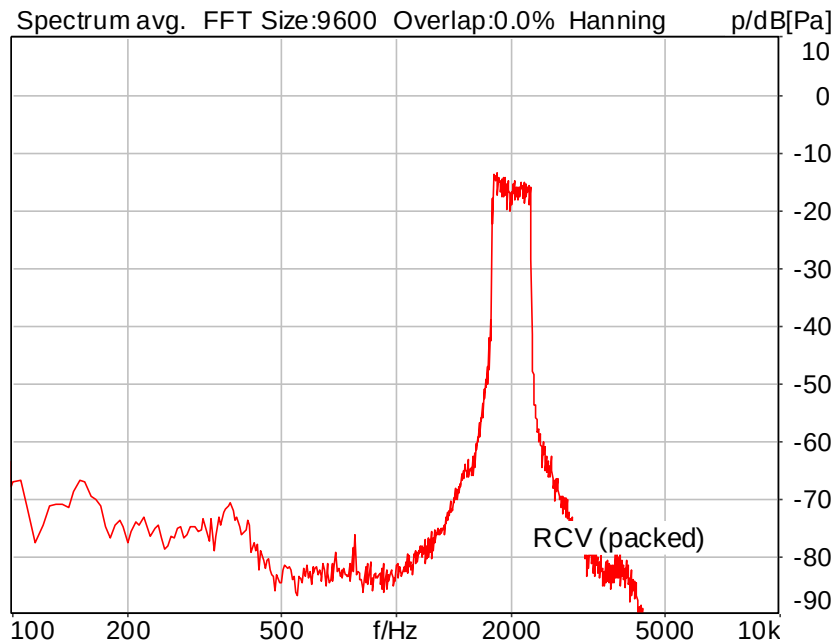
2024/5/30 上午 05:45 ACQUA 6.0.200

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): 38.86 dB (1.14%) Ok

Ok

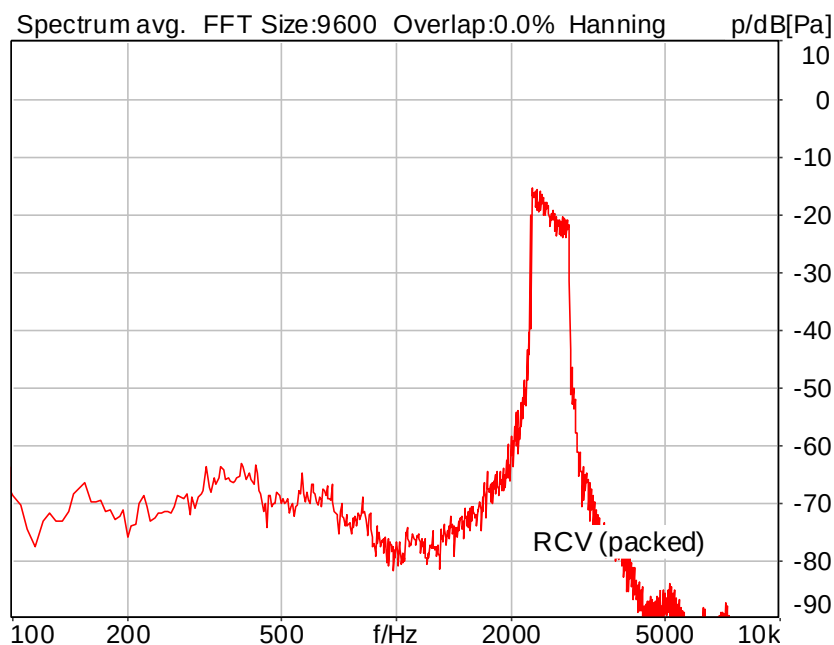
2024/5/30 上午 05:50 ACQUA 6.0.200

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): 34.09 dB (1.97%) Ok

Ok

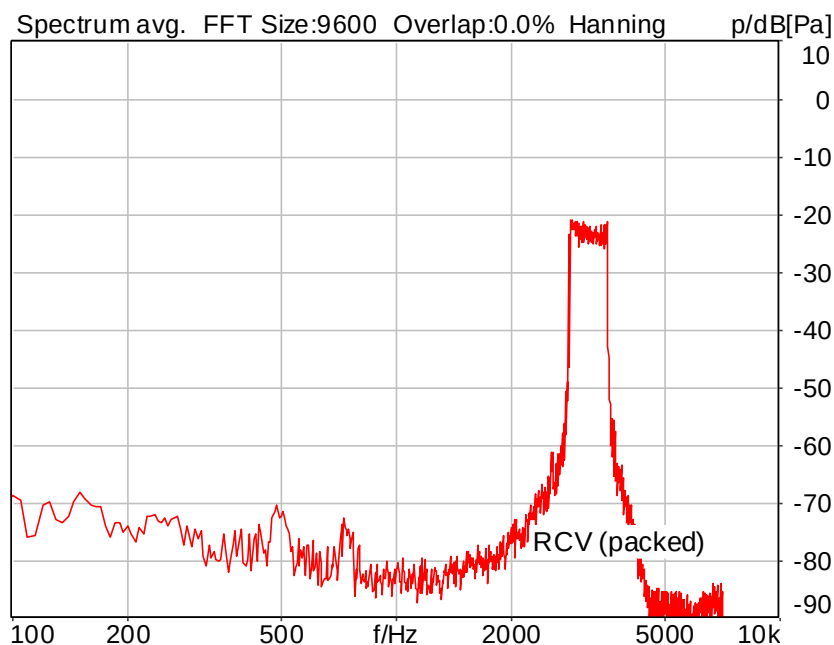
2024/5/30 上午 05:24 ACQUA 6.0.200

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): 36.40 dB (1.51%) Ok

Ok

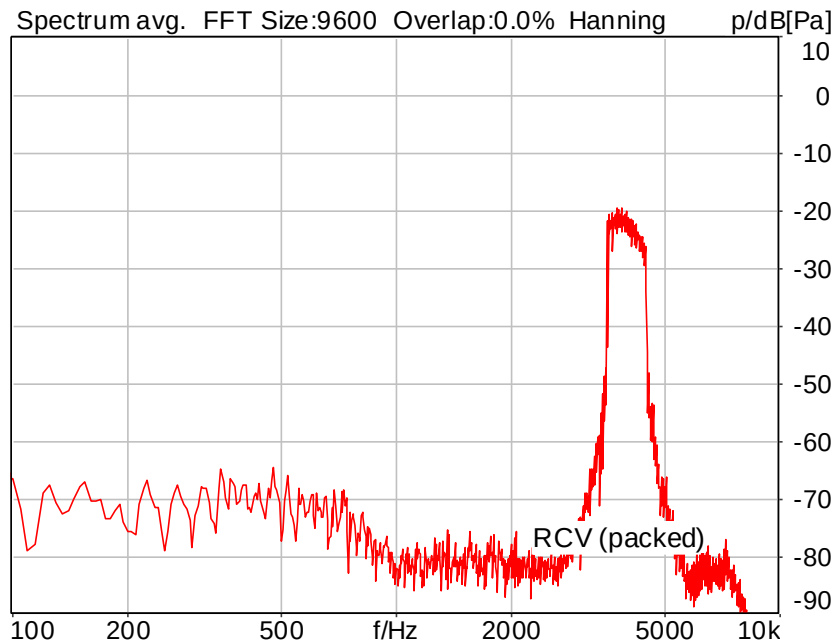
2024/5/30 上午 05:24 ACQUA 6.0.200

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): 33.48 dB (2.12%) Ok

Ok

2024/5/30 上午 05:25 ACQUA 6.0.200

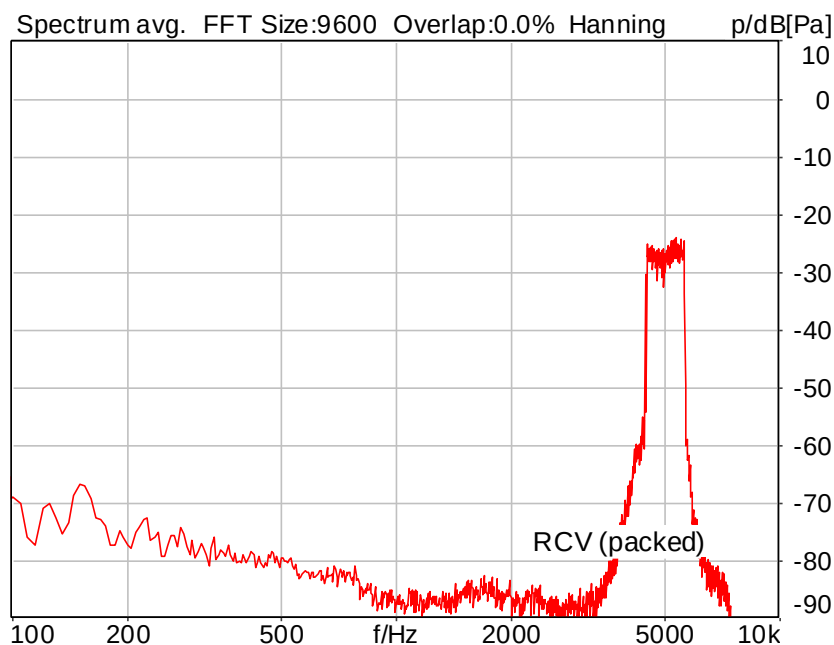
Limits

	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): 36.35 dB (1.52%) Ok

Ok

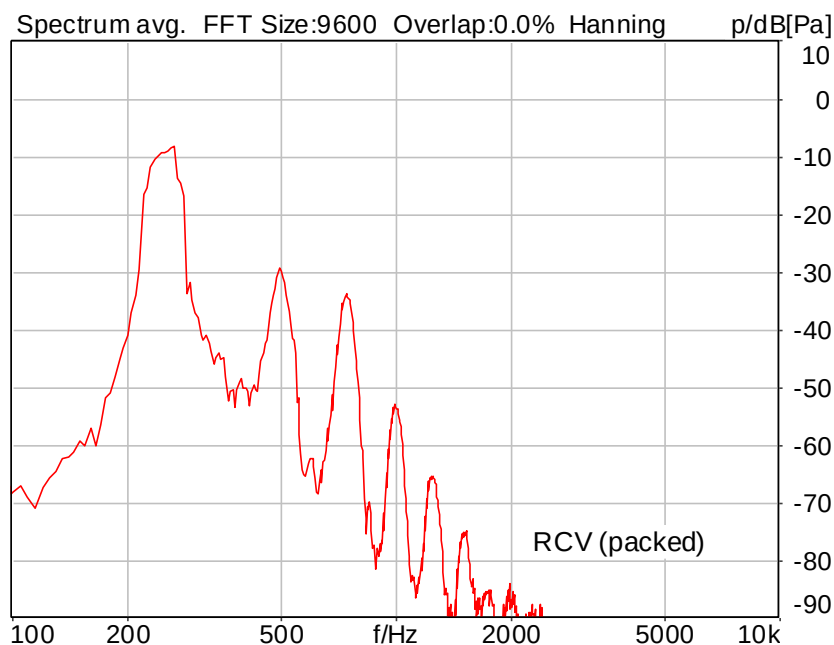
2024/5/30 上午 05:25 ACQUA 6.0.200

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): 21.96 dB (7.98%) Ok

Ok

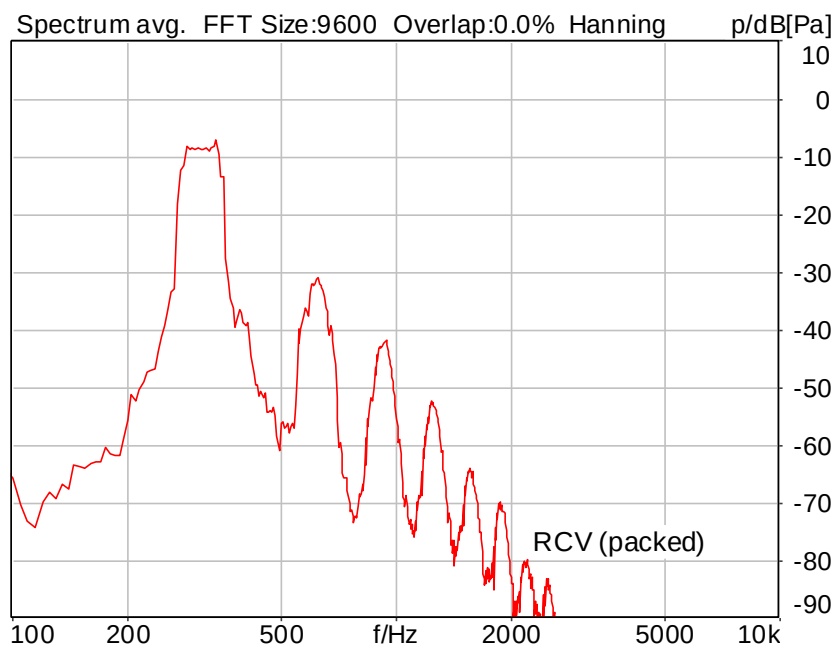
2024/5/30 上午 05:37 ACQUA 6.0.200

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): 24.57 dB (5.91%) Ok

Ok

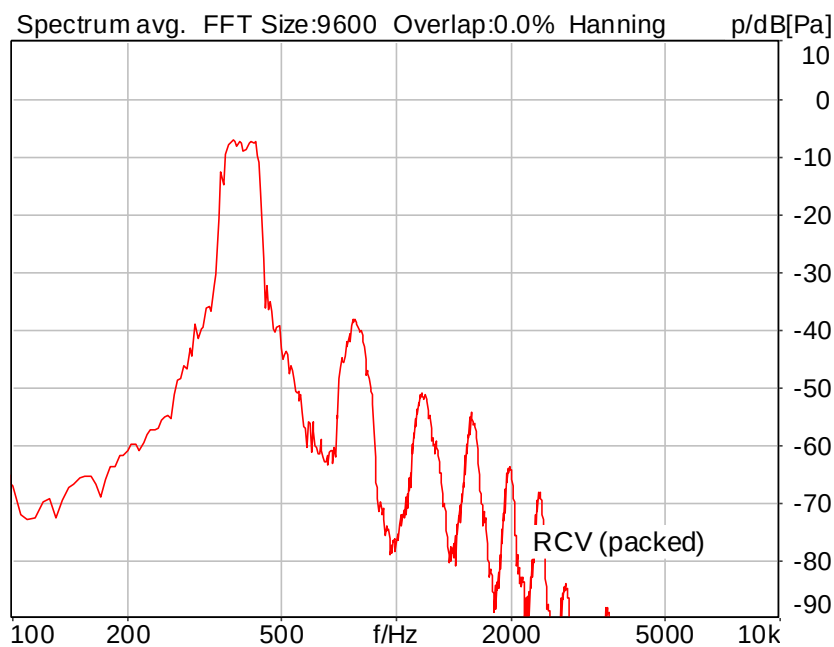
2024/5/30 上午 05:37 ACQUA 6.0.200

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): 30.74 dB (2.90%) Ok

Ok

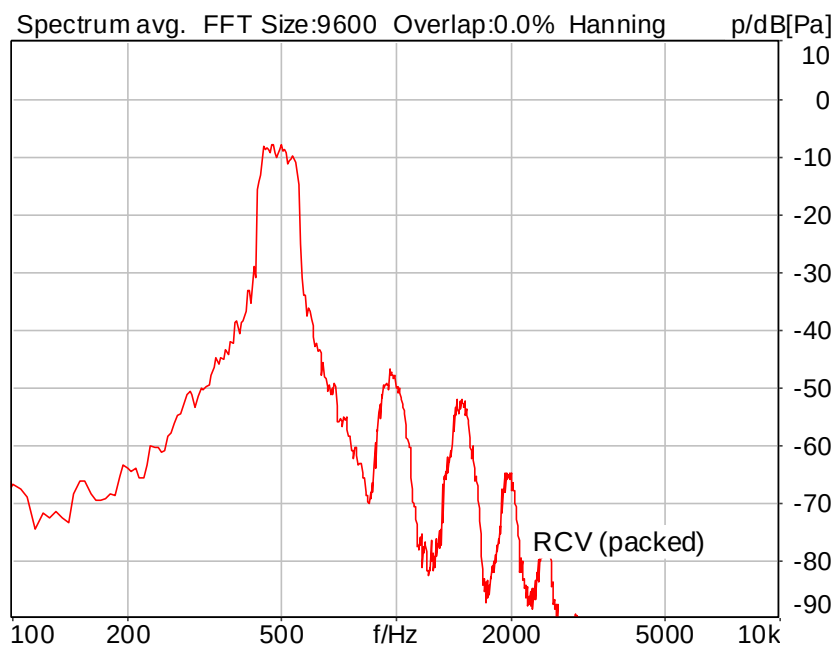
2024/5/30 上午 05:29 ACQUA 6.0.200

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): 32.96 dB (2.25%) Ok

Ok

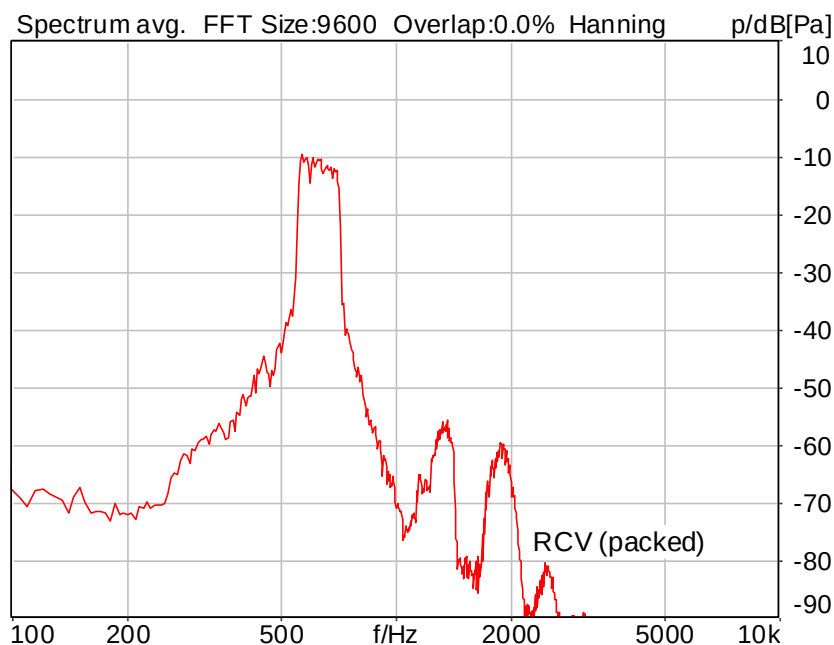
2024/5/30 上午 05:29 ACQUA 6.0.200

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): 33.96 dB (2.01%) Ok

Ok

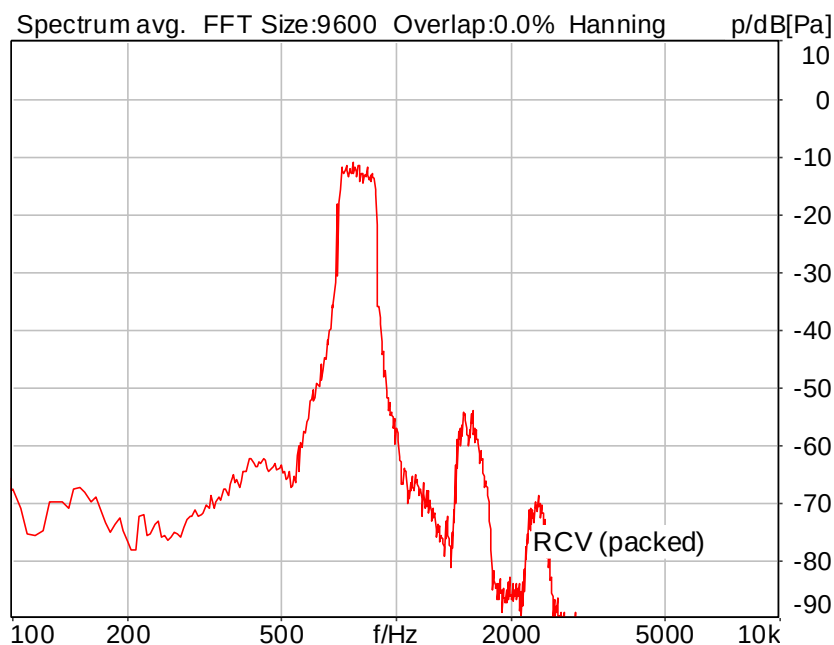
2024/5/30 上午 05:30 ACQUA 6.0.200

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): 36.19 dB (1.55%) Ok

Ok

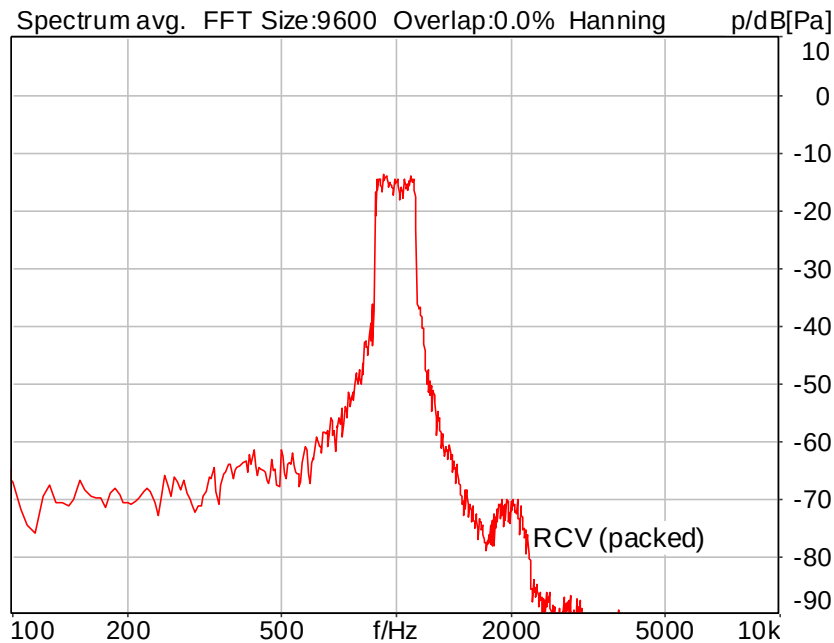
2024/5/30 上午 05:30 ACQUA 6.0.200

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): 30.77 dB (2.89%) Ok

Ok

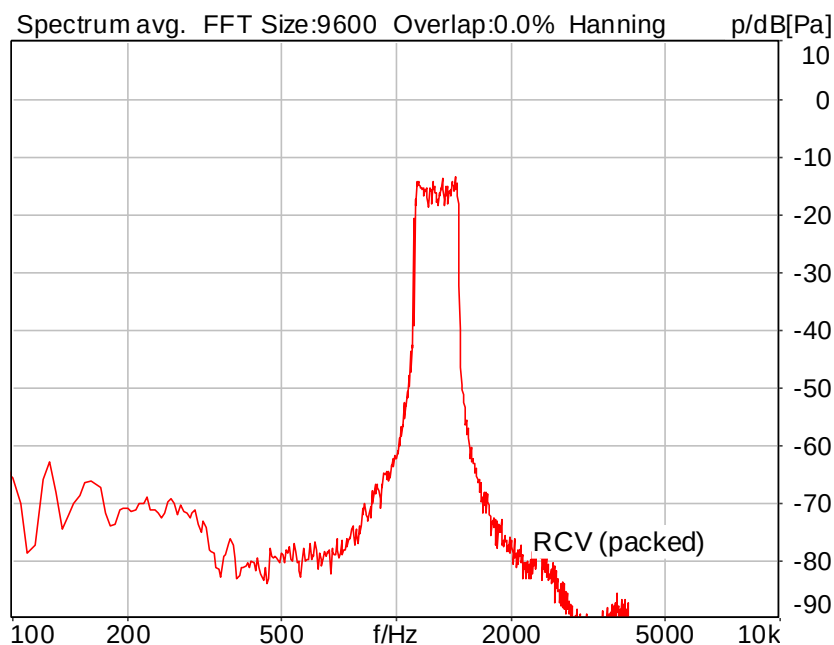
2024/5/30 上午 05:30 ACQUA 6.0.200

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): 32.03 dB (2.50%) Ok

Ok

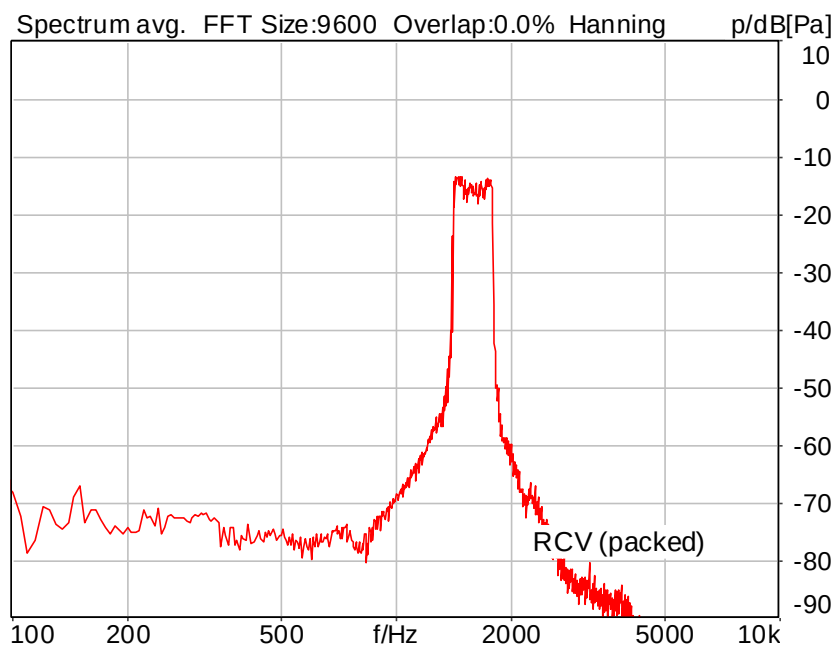
2024/5/30 上午 05:38 ACQUA 6.0.200

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): 38.57 dB (1.18%) Ok

Ok

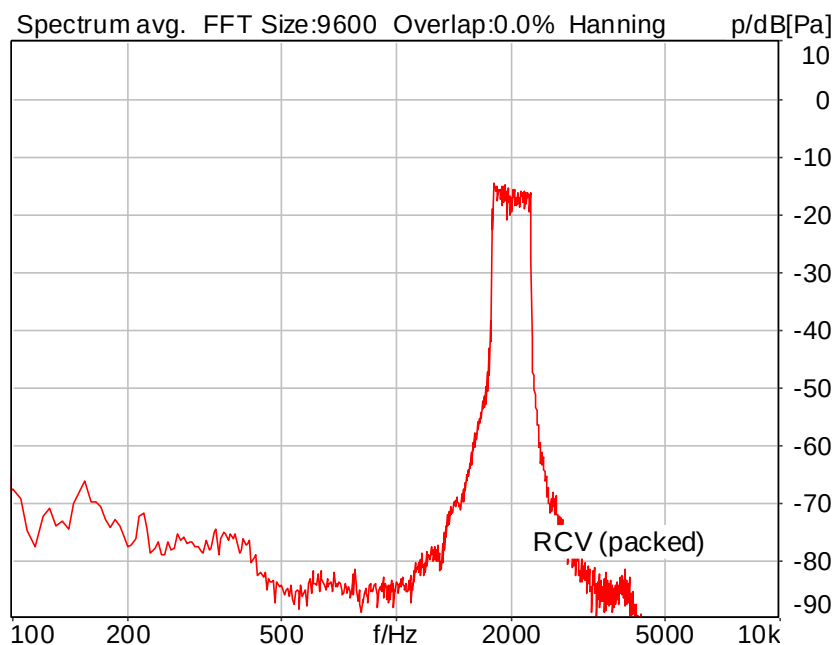
2024/5/30 上午 05:41 ACQUA 6.0.200

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): 37.67 dB (1.31%) Ok

Ok

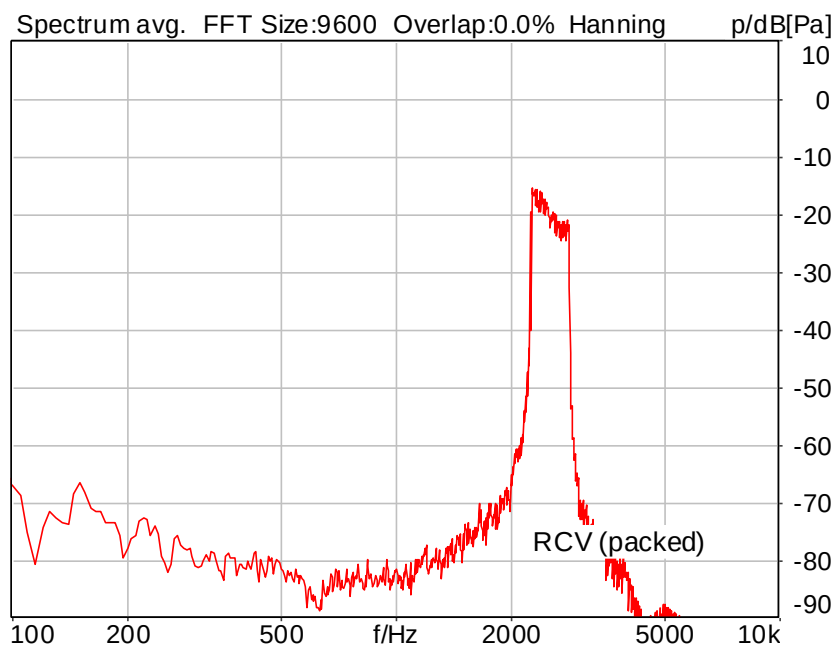
2024/5/30 上午 05:42 ACQUA 6.0.200

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): 39.10 dB (1.11%) Ok

Ok

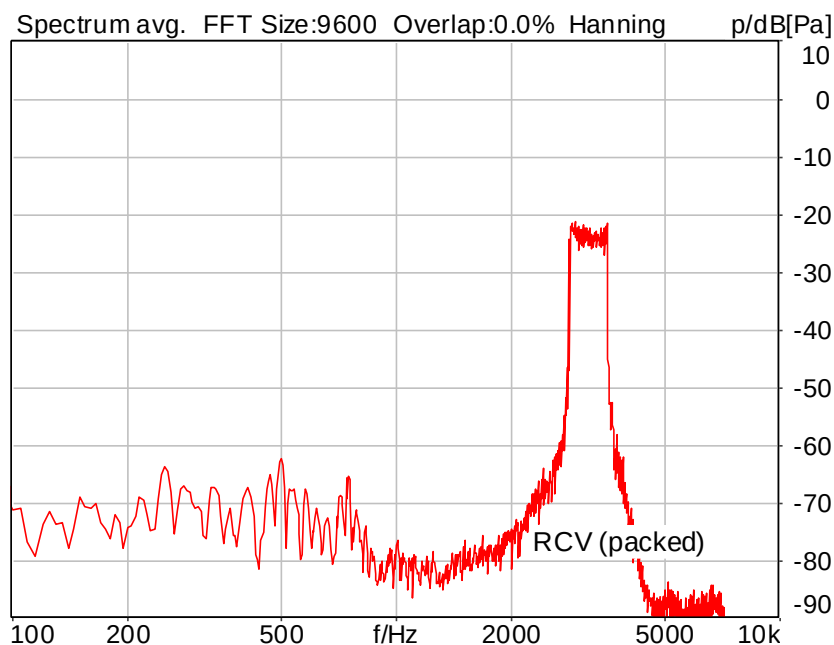
2024/5/30 上午 05:32 ACQUA 6.0.200

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): 34.75 dB (1.83%) Ok

Ok

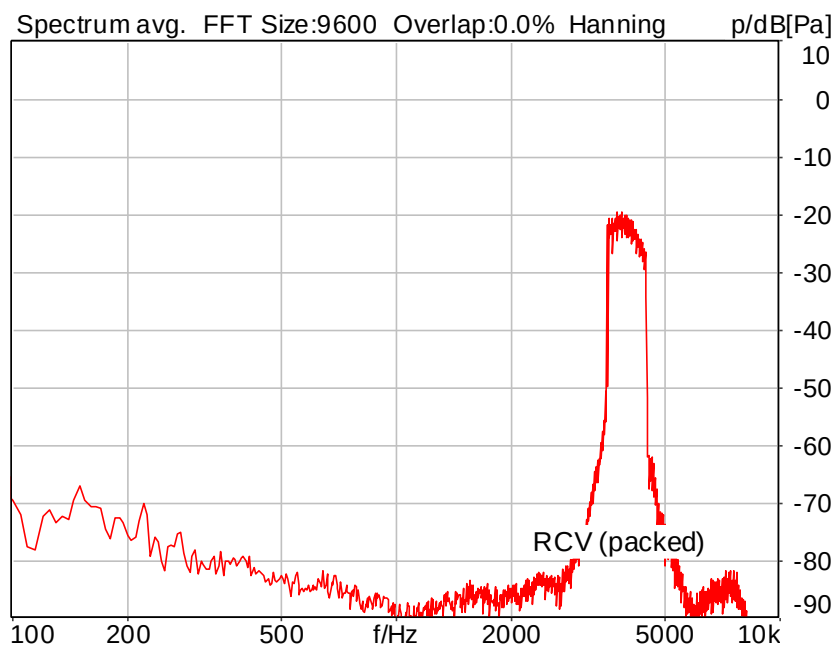
2024/5/30 上午 05:33 ACQUA 6.0.200

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): 39.81 dB (1.02%) Ok

Ok

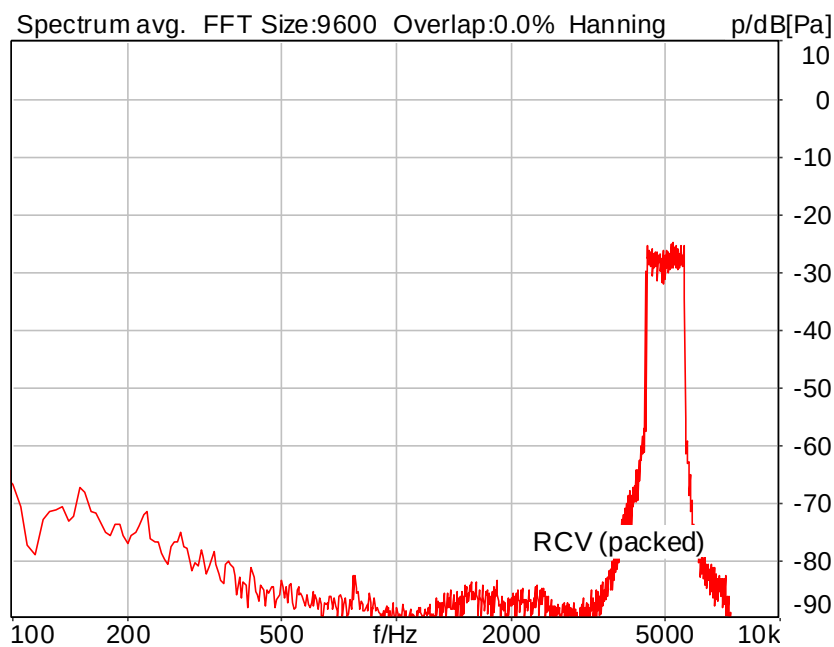
2024/5/30 上午 05:33 ACQUA 6.0.200

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): 37.81 dB (1.29%) Ok

Ok

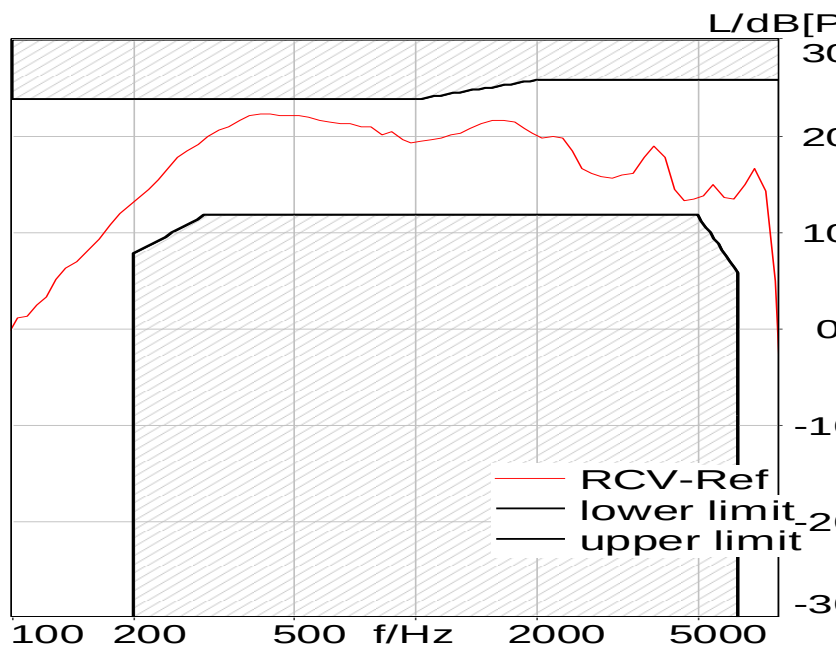
2024/5/30 上午 05:39 ACQUA 6.0.200

Limits

	lower
Run 1	20.00 dB

5.3 Frequency Response 8N FF

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



Absolute minimal distance

1.53 dB at 436.9 Hz Ok

Ok

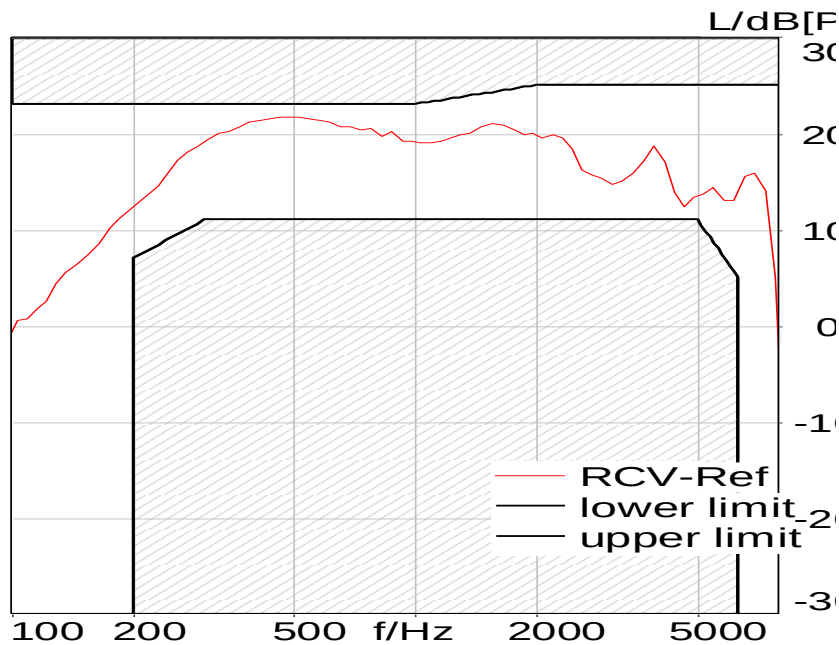
2024/5/30 上午 05:25 ACQUA 6.0.200

Limits

	lower
Run 1	Fit into tolerance

5.3 Frequency Response 2N FF

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



Absolute minimal distance

1.38 dB at 487.0 Hz Ok

Ok

2024/5/30 上午 05:34 ACQUA 6.0.200

Limits

	lower
Run 1	Fit into tolerance

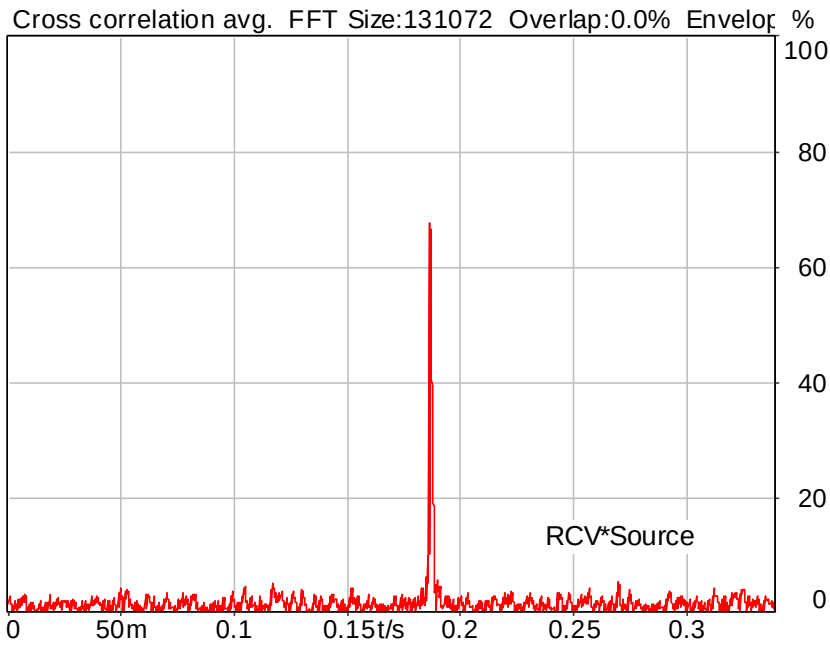
#3 WiFi 5.2GHz EVS WB 24.4kbps

SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	186.9
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	89.19
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	88.82
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	26.08
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	26.36
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	27.10
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	24.39
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	26.61
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.69
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.95
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	22.36
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	34.87
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.71
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	30.75
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.49
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.96
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.95
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	21.68
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.70
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	23.23
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	26.03
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	30.57
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	25.52
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	27.18
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	22.29
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.84
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.95
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.07
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	30.50
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.27
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.77
5.3 Frequency Response 8N FF	Ok	Min. dist. to tolerance scheme [dB], 576.7 Hz	0.22
5.3 Frequency Response 2N FF	Ok	Min. dist. to tolerance scheme [dB], 576.7 Hz	0.46



Overall Receive Delay WB

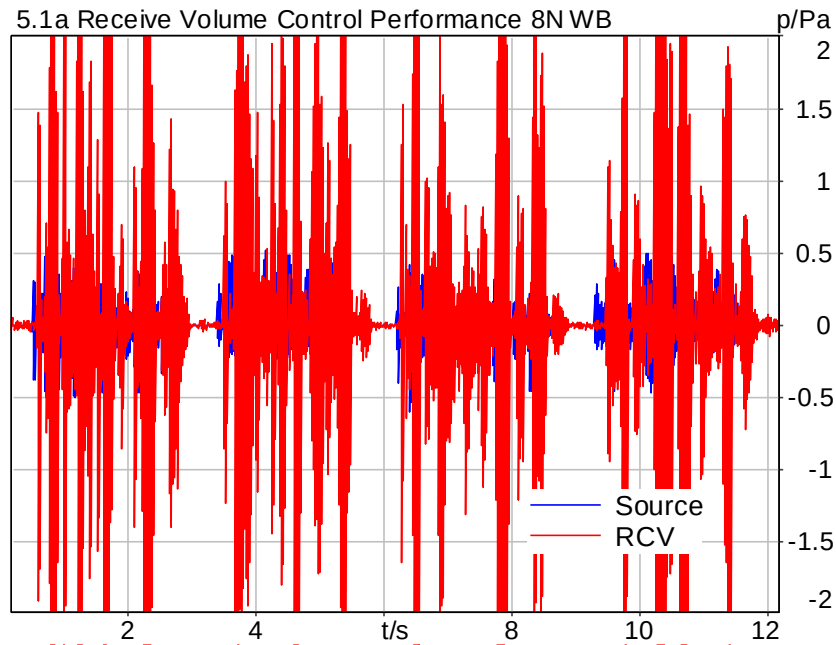
TIA-5050 (2018-01) \ Measurements \ Wideband \ Preparation - Delay measurement



Channel	Delay
RCV*Source	186.9 ms

5.1a Receive Volume Control Performance 8N WB

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



Channel	Speech level	Activity	
RCV	89.19 dB[SPL]	52.80%	Ok

Ok

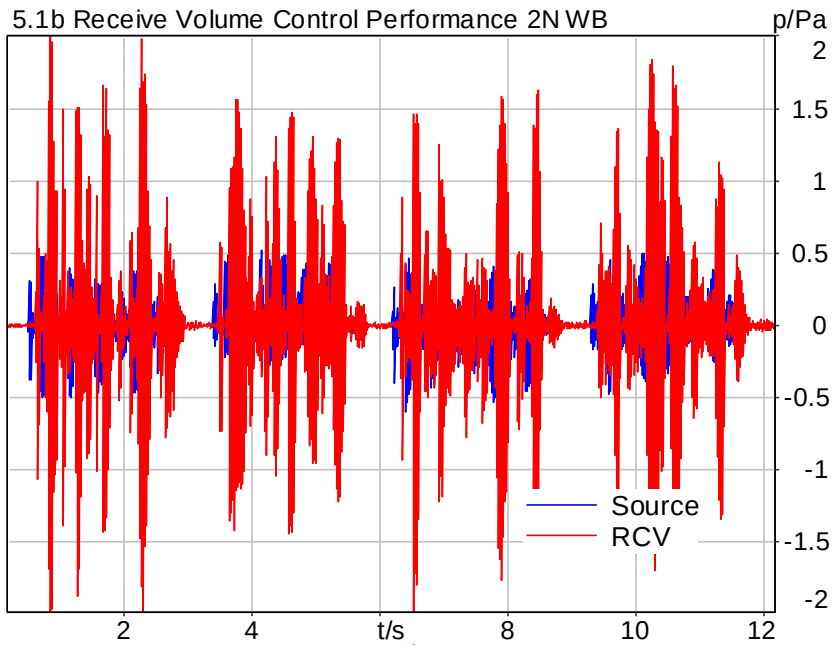
2024/4/25 下午 05:44 ACQUA 6.0.200

Limits

	lower
Run 1	76.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

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



Channel	Speech level	Activity	
RCV	88.82 dB[SPL]	19.31%	Ok

Ok

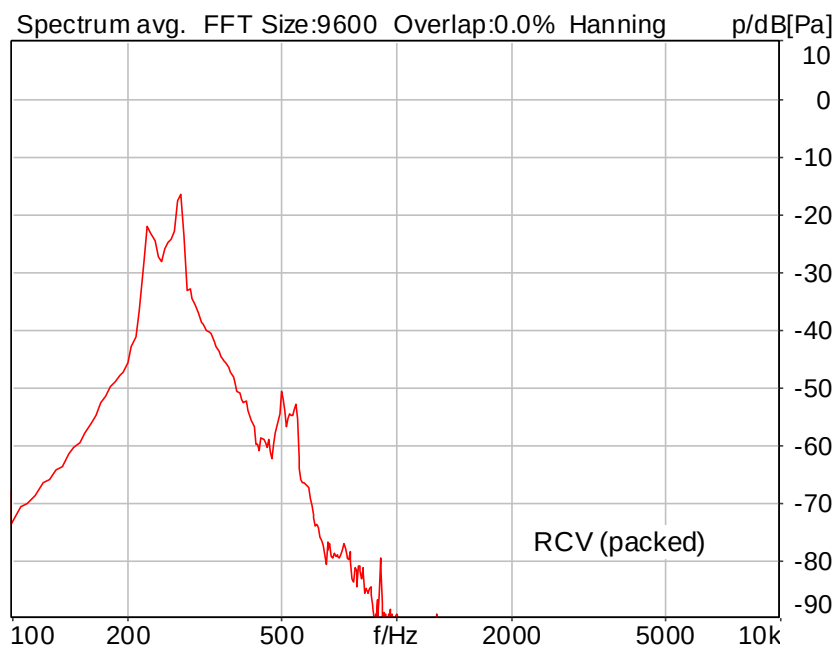
2024/4/25 下午 05:52 ACQUA 6.0.200

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): 26.08 dB (4.96%) Ok

Ok

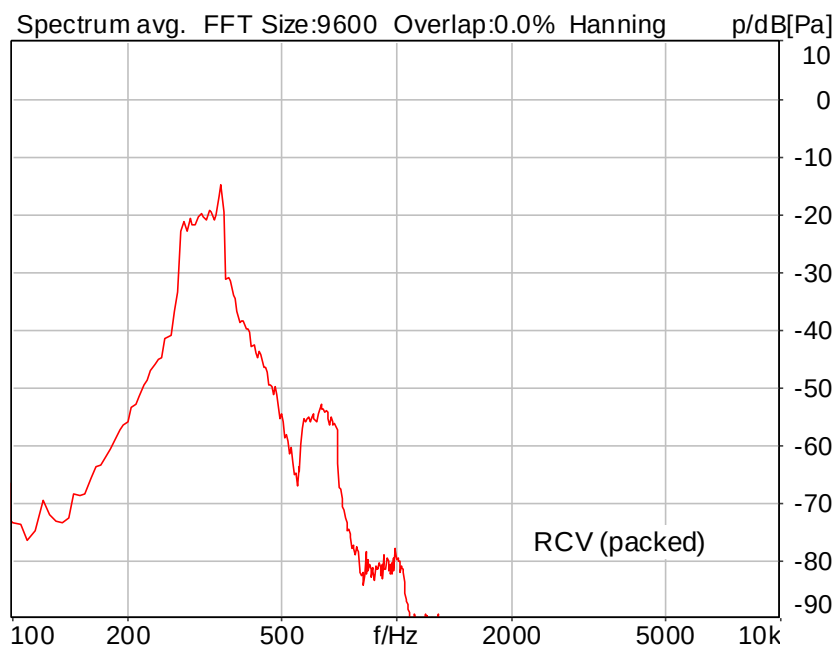
2024/4/25 下午 05:44 ACQUA 6.0.200

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): 26.36 dB (4.81%) Ok

Ok

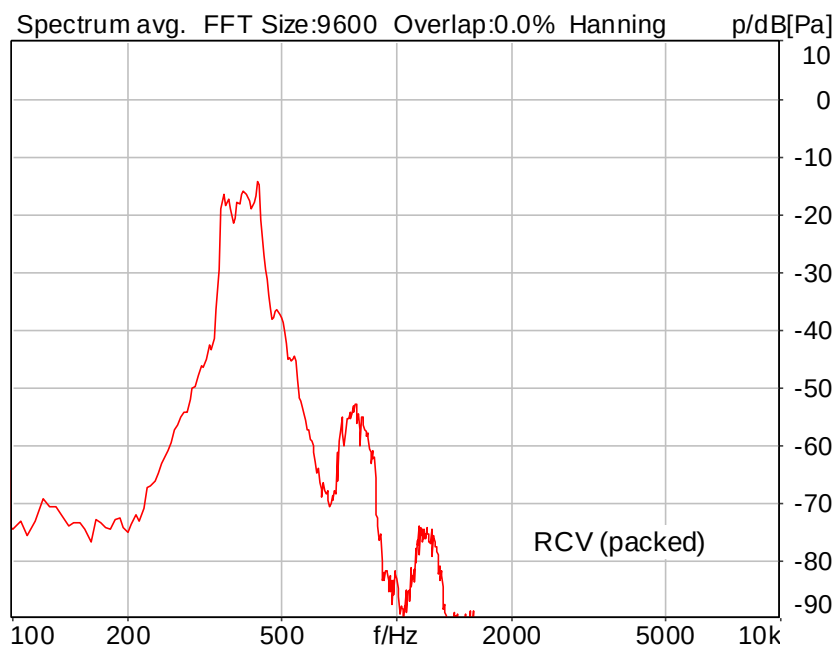
2024/4/25 下午 05:45 ACQUA 6.0.200

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): 27.10 dB (4.42%) Ok

Ok

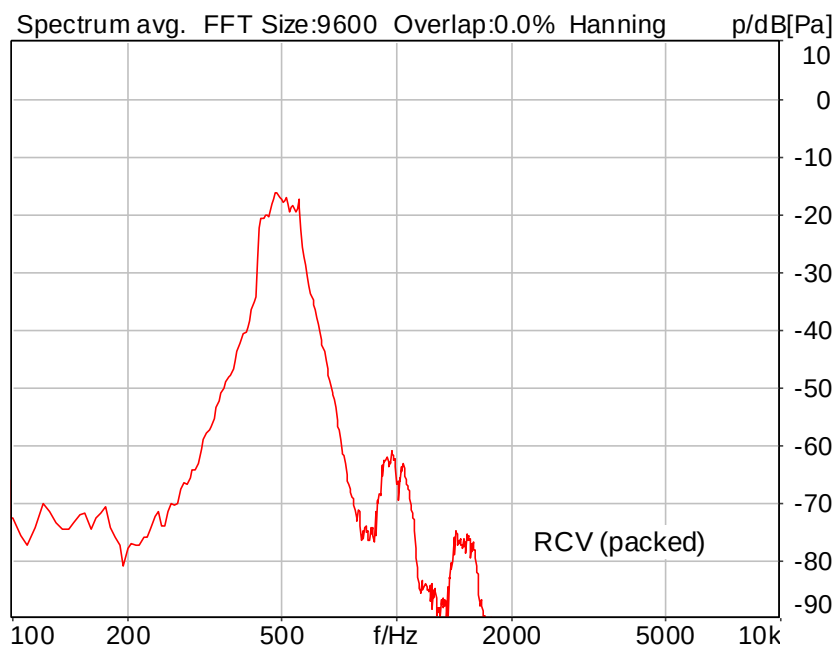
2024/4/25 下午 05:45 ACQUA 6.0.200

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): 24.39 dB (6.03%) Ok

Ok

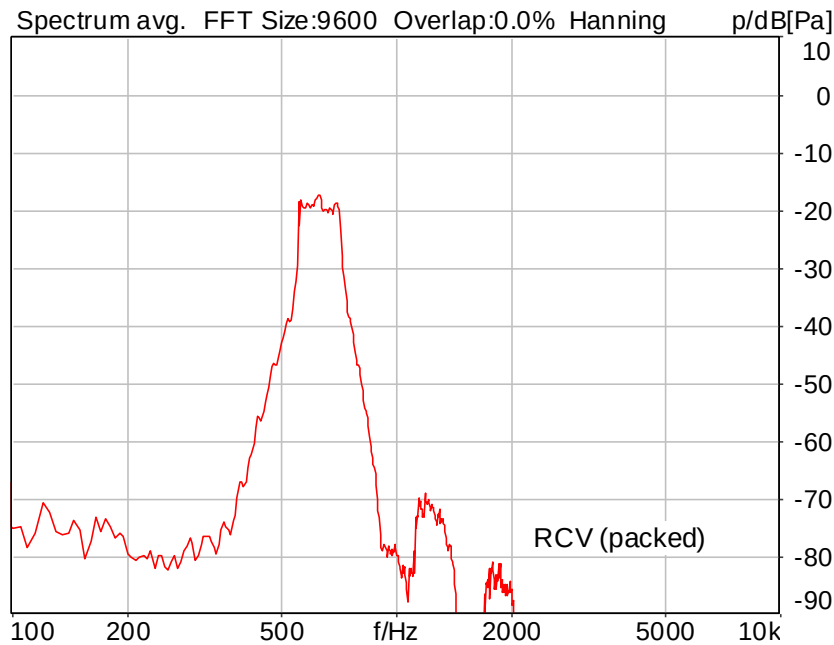
2024/4/25 下午 05:46 ACQUA 6.0.200

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): 26.61 dB (4.67%) Ok

Ok

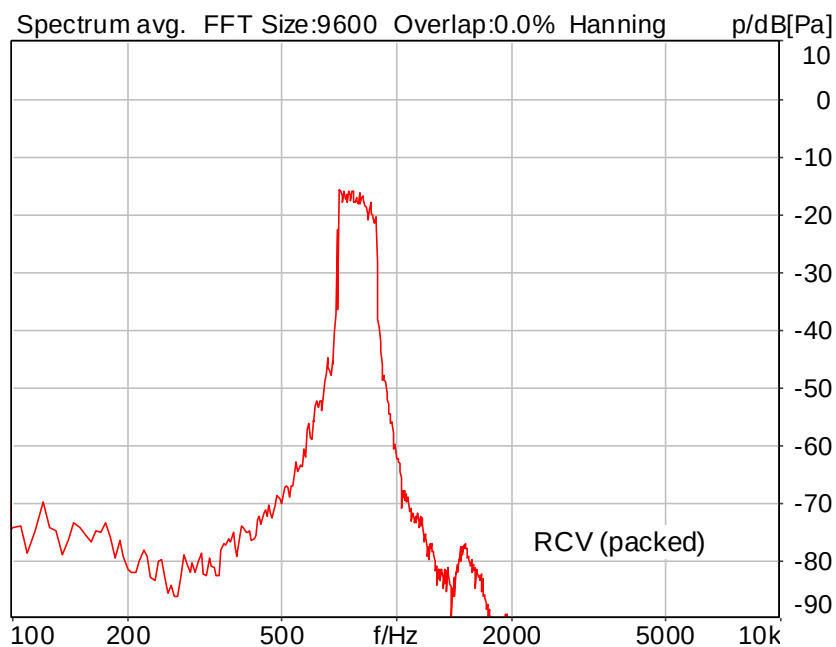
2024/4/25 下午 05:46 ACQUA 6.0.200

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): 35.69 dB (1.64%) Ok

Ok

2024/4/25 下午 05:47 ACQUA 6.0.200

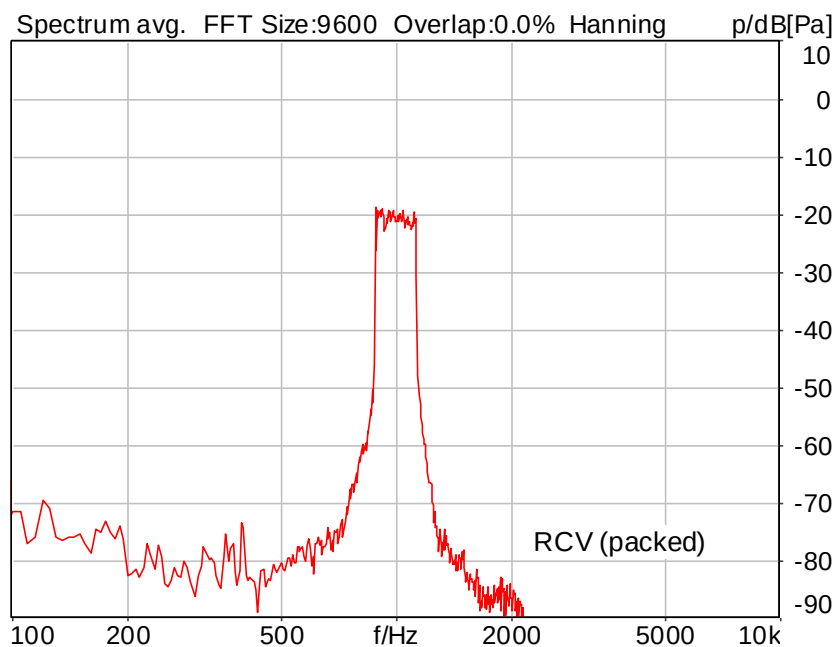
Limits

	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): 41.95 dB (0.80%) Ok

Ok

2024/4/25 下午 05:47 ACQUA 6.0.200

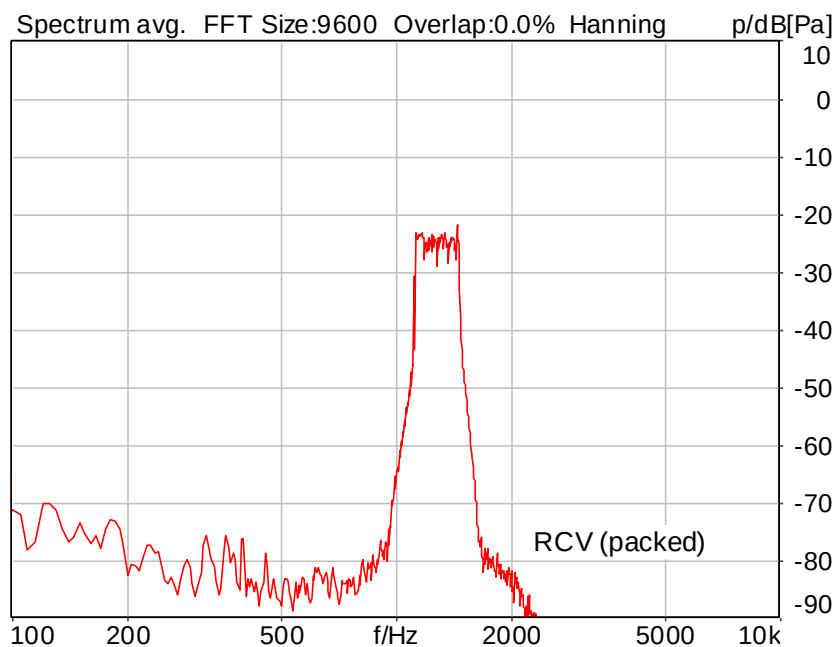
Limits

	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): 22.36 dB (7.62%) Ok

Ok

2024/4/25 下午 05:48 ACQUA 6.0.200

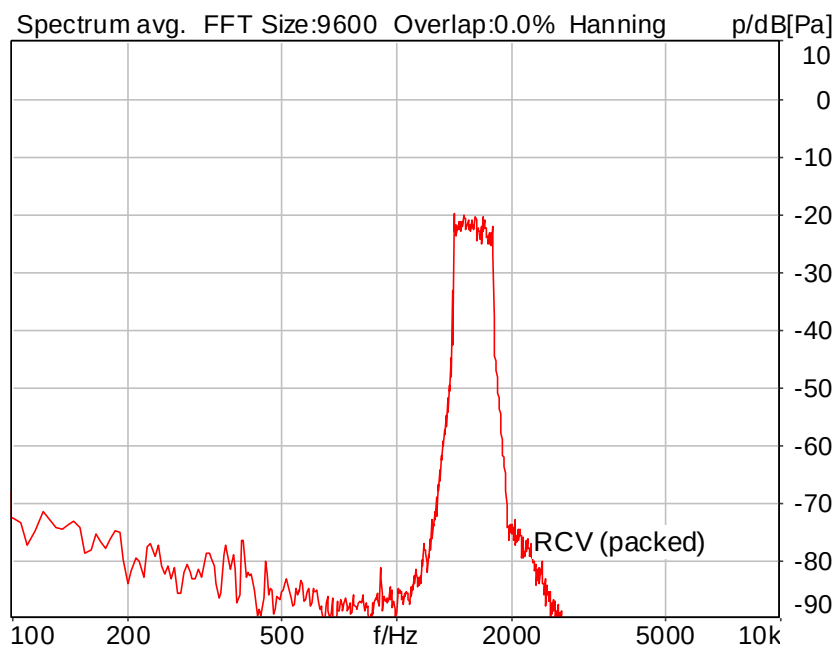
Limits

	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): 34.87 dB (1.81%) Ok

Ok

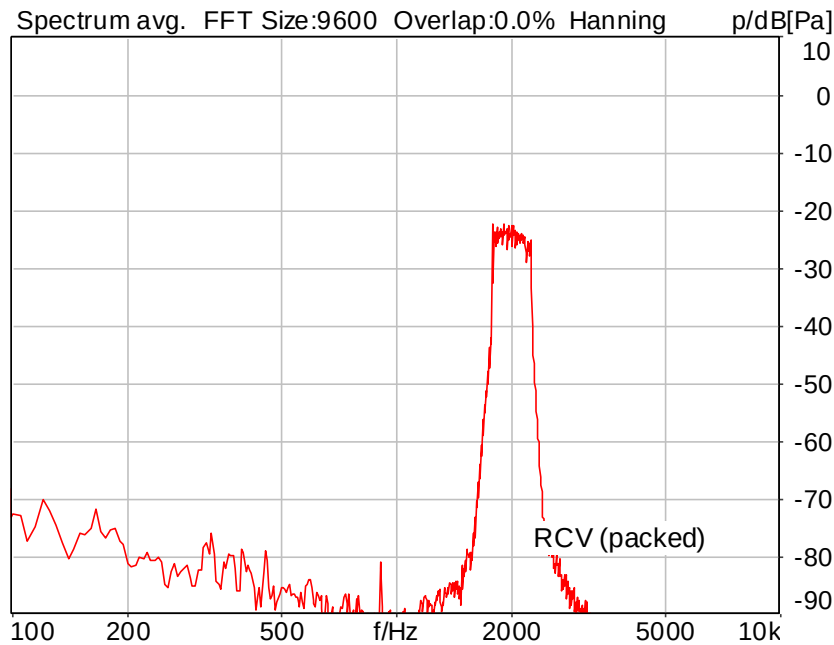
2024/4/25 下午 05:48 ACQUA 6.0.200

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): 31.71 dB (2.60%) Ok

Ok

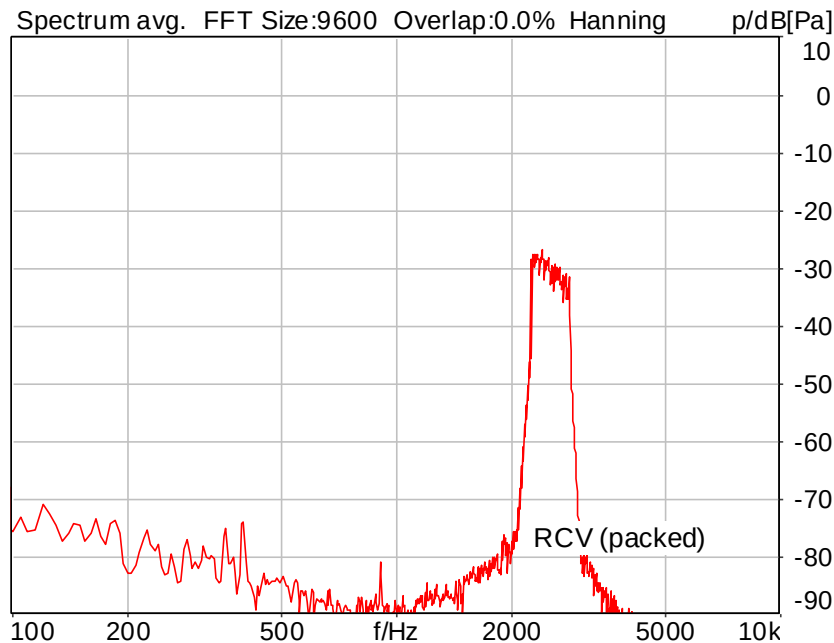
2024/4/25 下午 05:49 ACQUA 6.0.200

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): 30.75 dB (2.90%) Ok

Ok

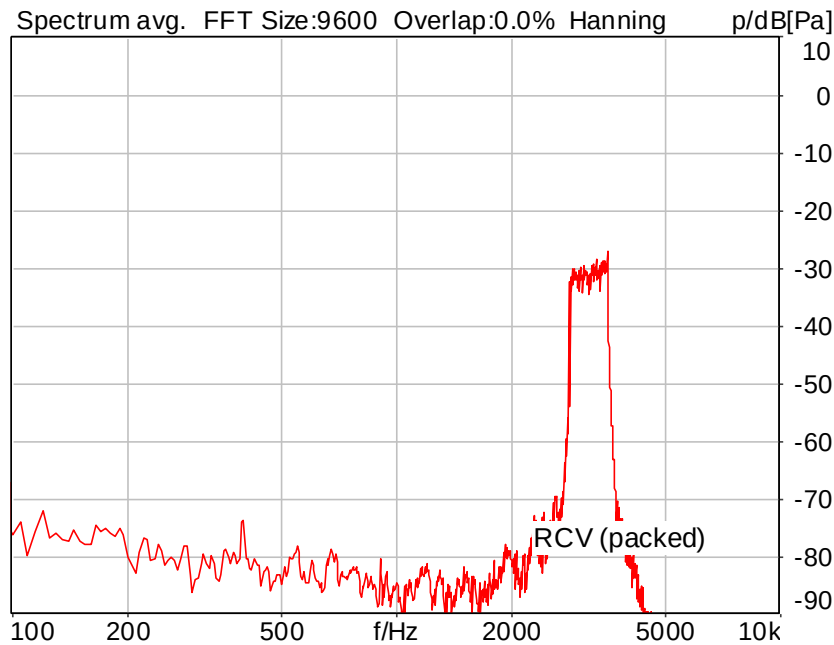
2024/4/25 下午 05:49 ACQUA 6.0.200

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): 32.49 dB (2.37%) Ok

Ok

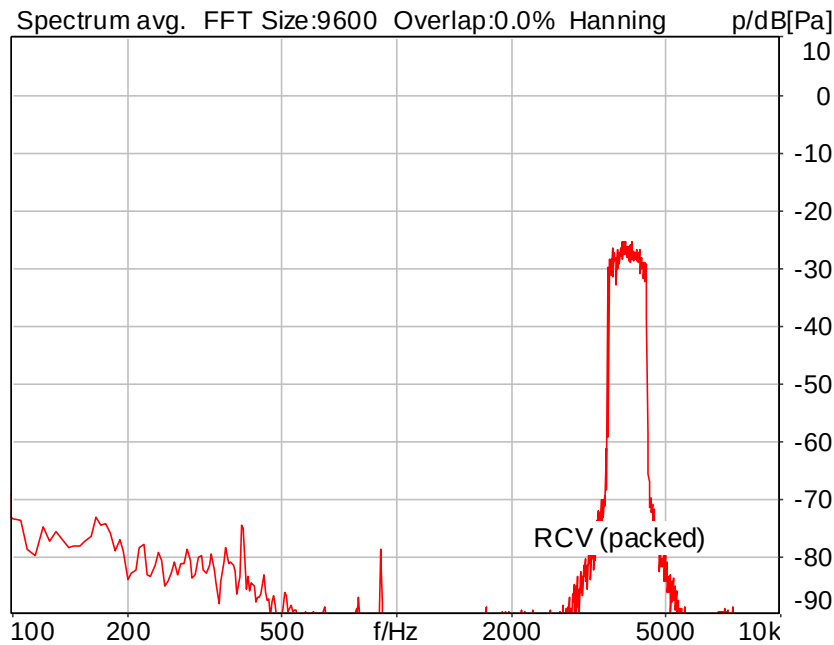
2024/4/25 下午 05:50 ACQUA 6.0.200

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): 43.96 dB (0.63%) Ok

Ok

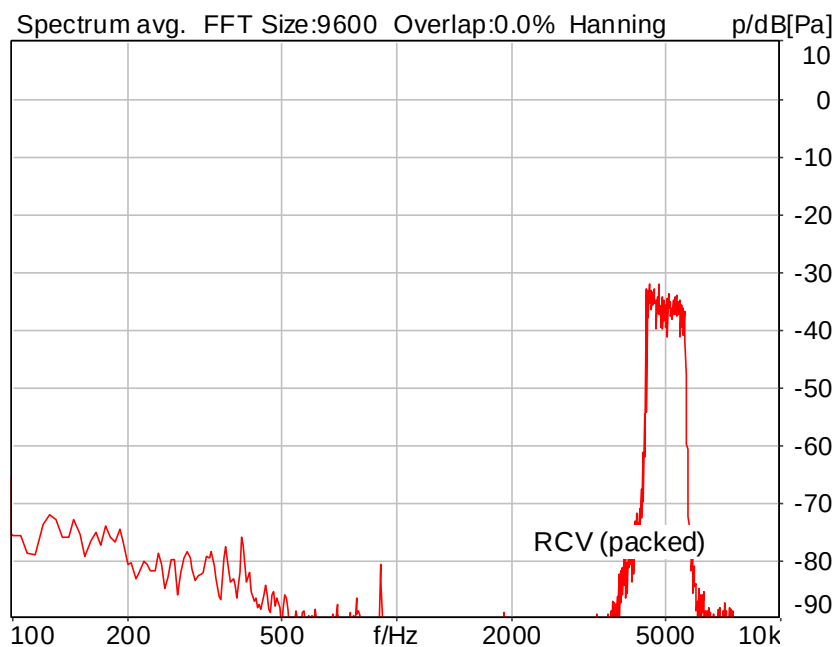
2024/4/25 下午 05:50 ACQUA 6.0.200

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): 32.95 dB (2.25%) Ok

Ok

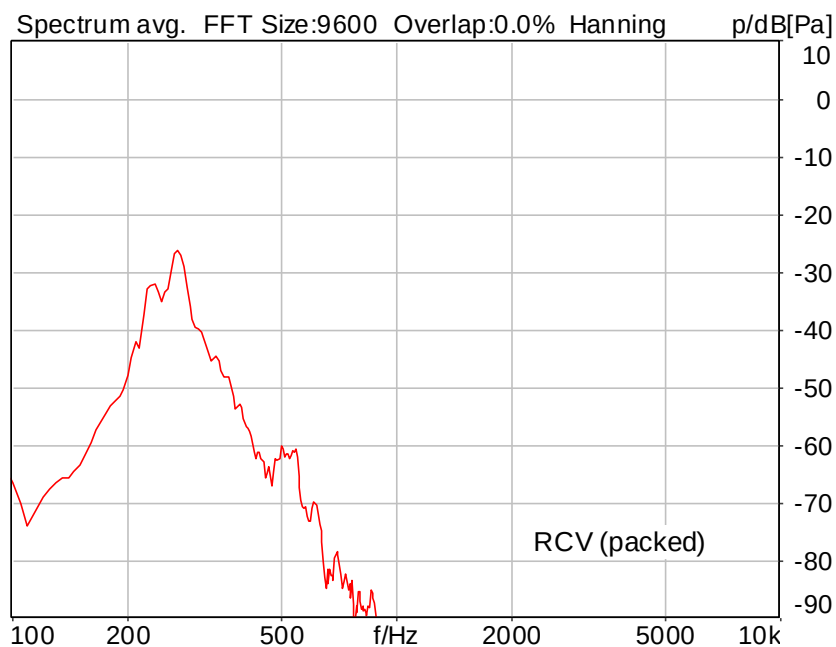
2024/4/25 下午 05:51 ACQUA 6.0.200

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): 21.68 dB (8.24%) Ok

Ok

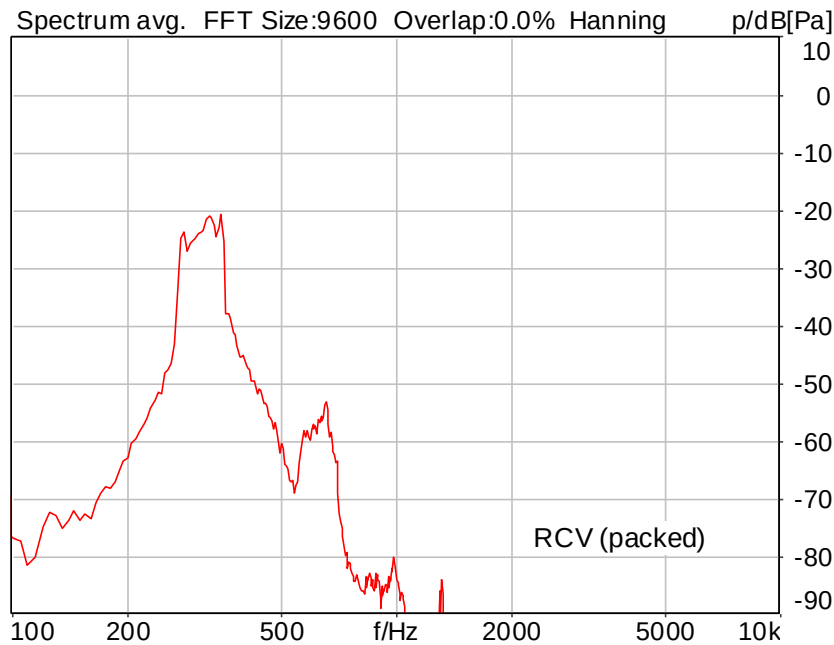
2024/4/25 下午 05:52 ACQUA 6.0.200

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): 28.70 dB (3.67%) Ok

Ok

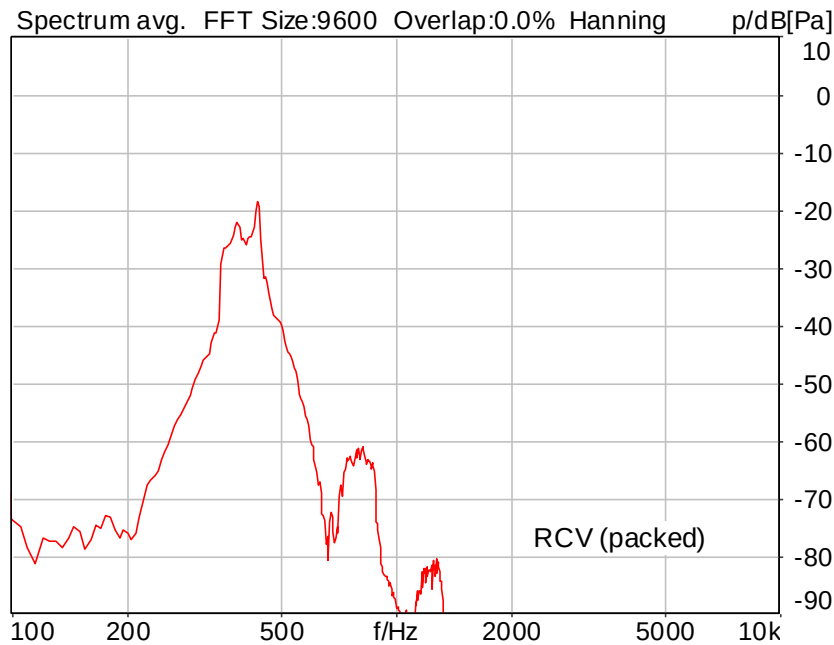
2024/4/25 下午 05:53 ACQUA 6.0.200

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): 23.23 dB (6.89%) Ok

Ok

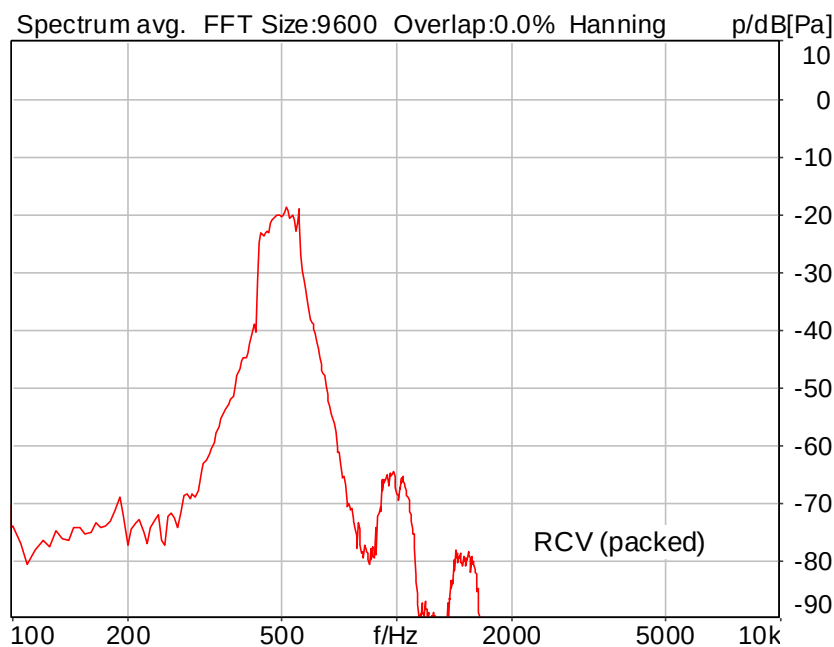
2024/4/25 下午 05:53 ACQUA 6.0.200

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): 26.03 dB (4.99%) Ok

Ok

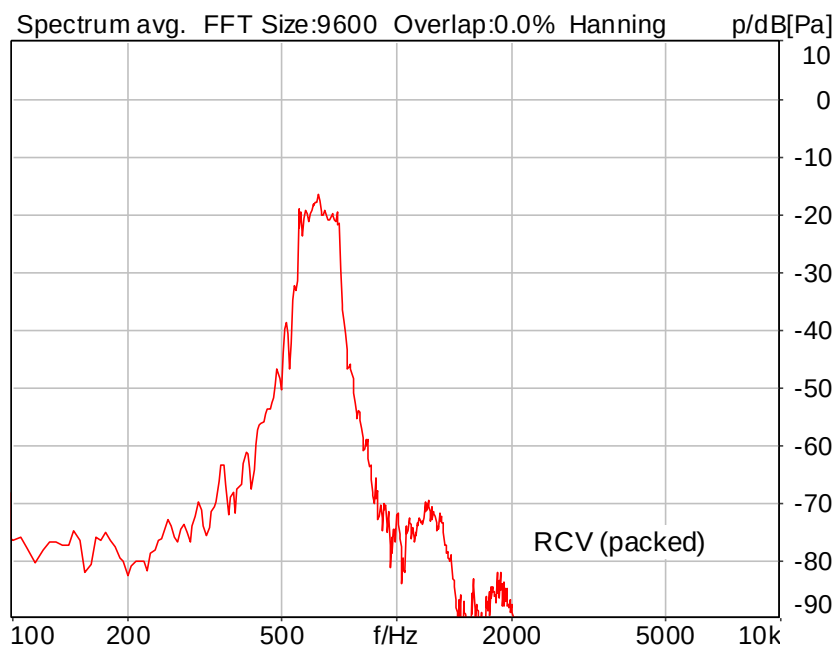
2024/4/25 下午 05:54 ACQUA 6.0.200

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): 30.57 dB (2.96%) Ok

Ok

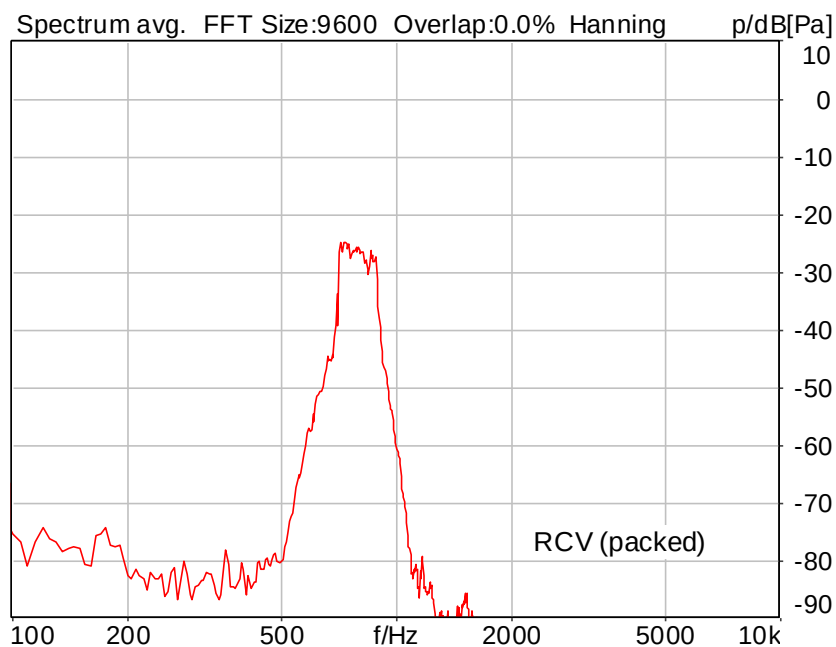
2024/4/25 下午 05:54 ACQUA 6.0.200

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): 25.52 dB (5.30%) Ok

Ok

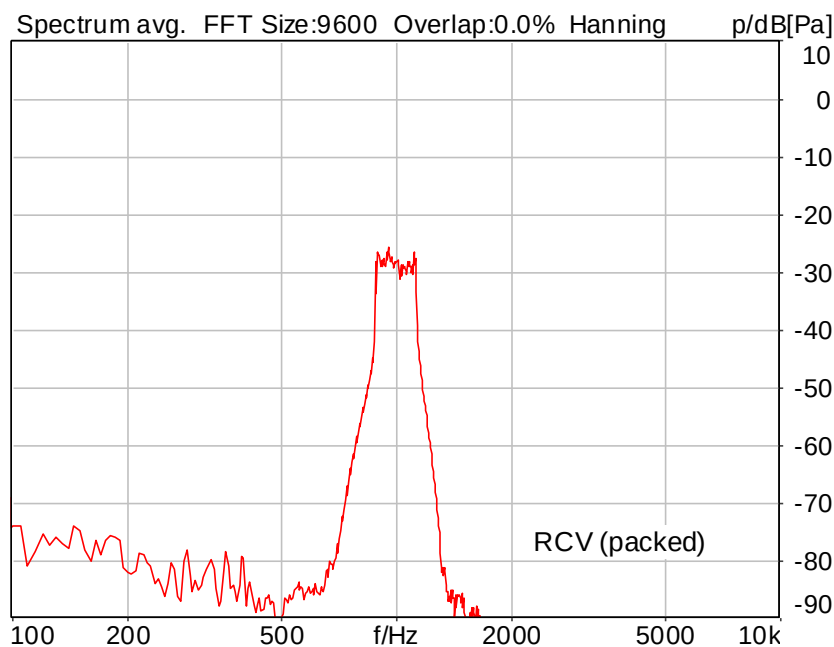
2024/4/25 下午 05:55 ACQUA 6.0.200

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): 27.18 dB (4.38%) Ok

Ok

2024/4/25 下午 05:55 ACQUA 6.0.200

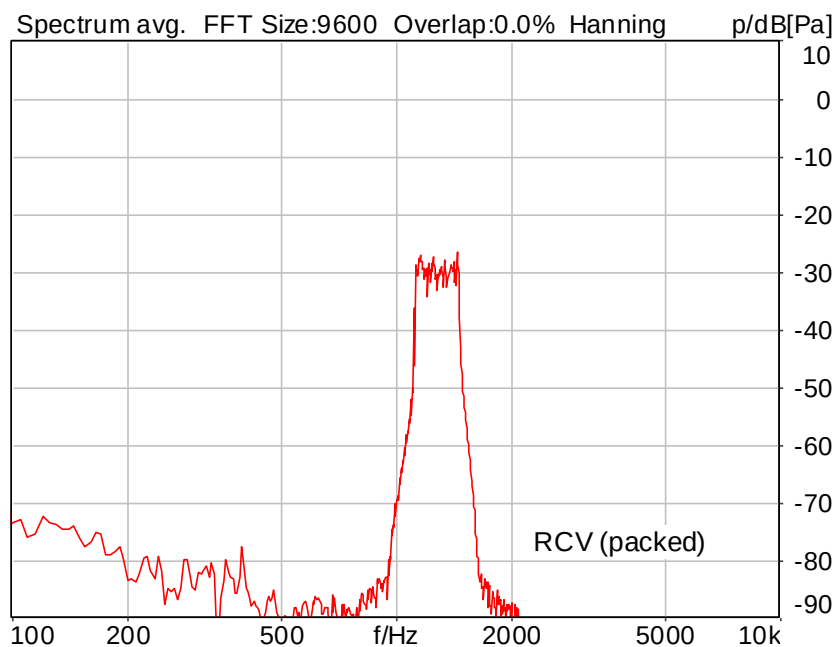
Limits

	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): 22.29 dB (7.69%) Ok

Ok

2024/4/25 下午 05:56 ACQUA 6.0.200

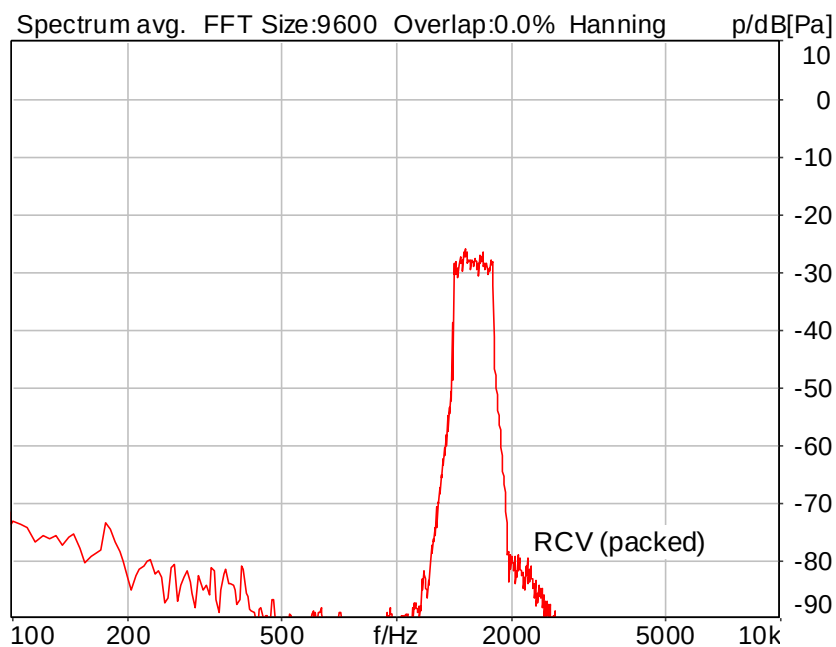
Limits

	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): 31.84 dB (2.56%) Ok

Ok

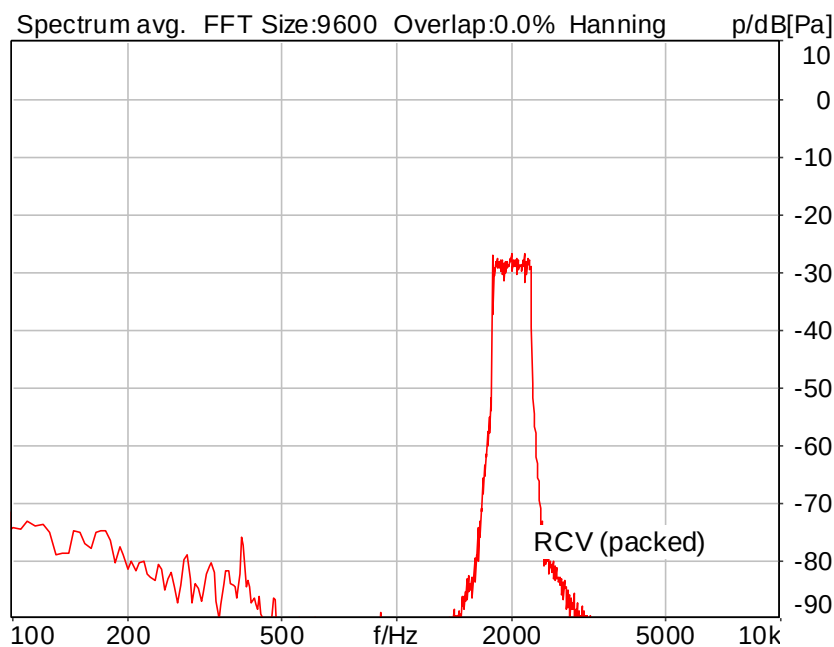
2024/4/25 下午 05:56 ACQUA 6.0.200

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): 35.95 dB (1.59%) Ok

Ok

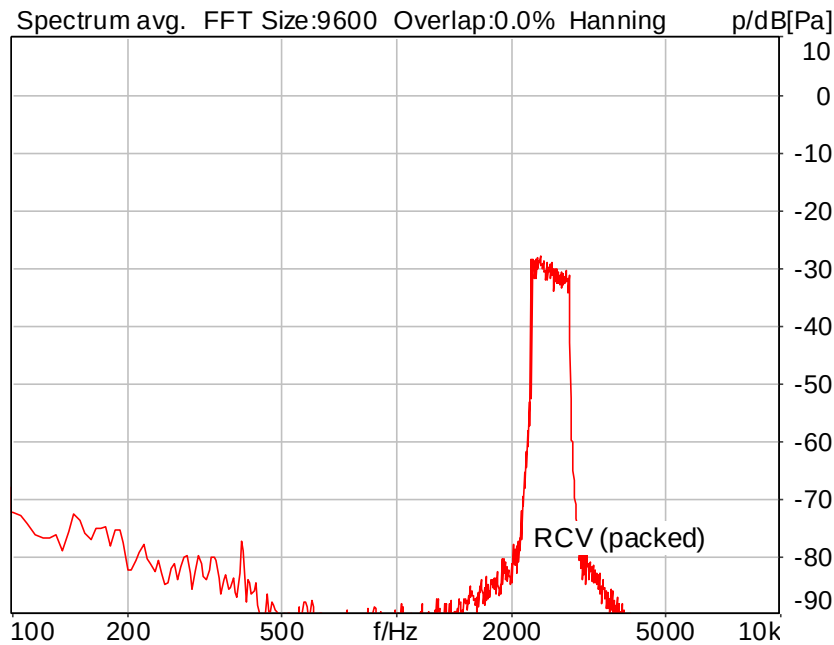
2024/4/25 下午 05:57 ACQUA 6.0.200

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): 38.07 dB (1.25%) Ok

Ok

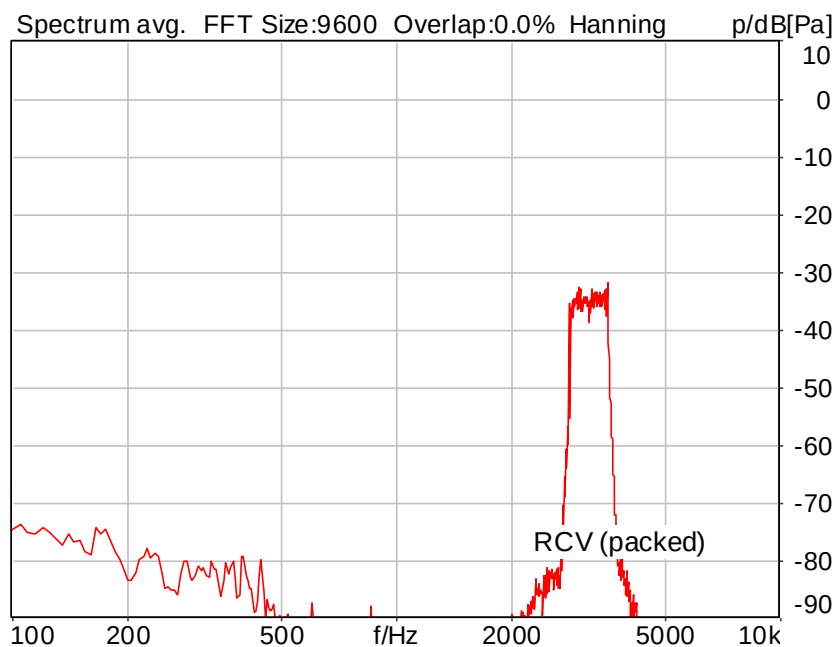
2024/4/25 下午 05:57 ACQUA 6.0.200

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): 30.50 dB (2.98%) Ok

Ok

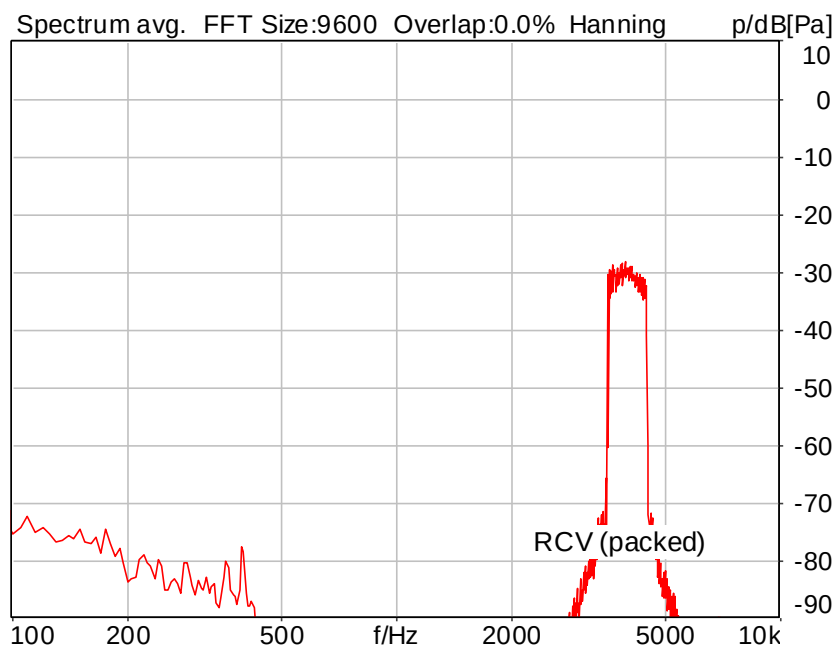
2024/4/25 下午 05:58 ACQUA 6.0.200

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): 44.27 dB (0.61%) Ok

Ok

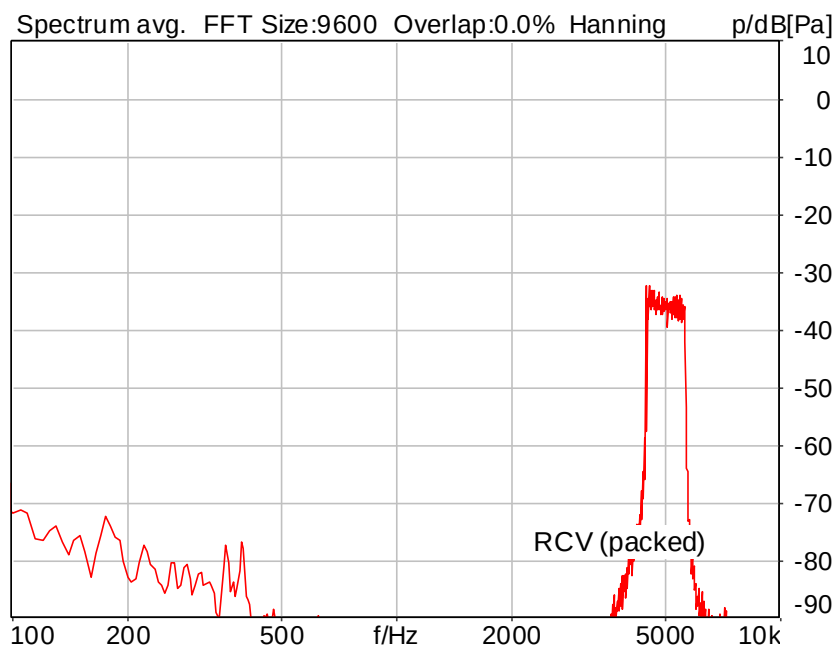
2024/4/25 下午 05:58 ACQUA 6.0.200

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): 35.77 dB (1.63%) Ok

Ok

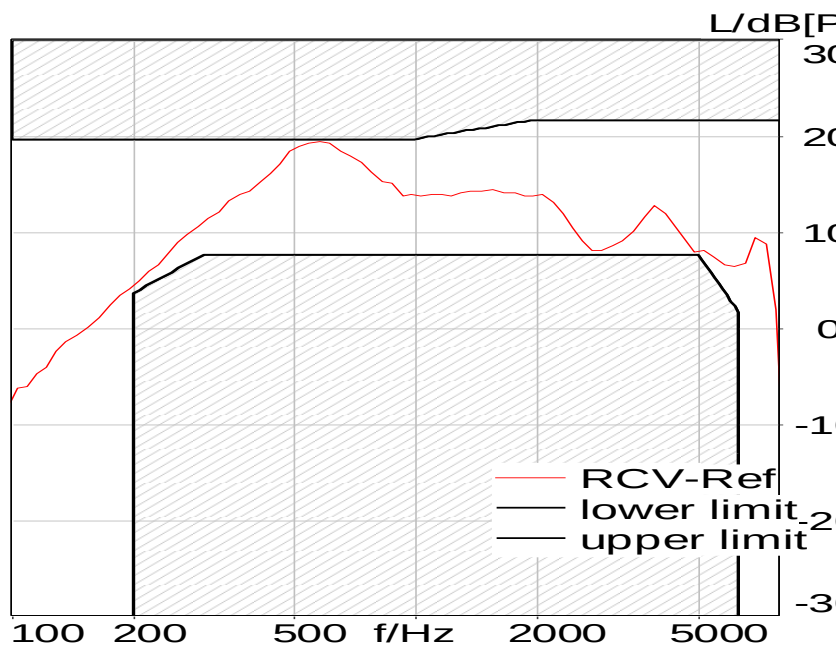
2024/4/25 下午 05:59 ACQUA 6.0.200

Limits

	lower
Run 1	20.00 dB

5.3 Frequency Response 8N FF

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



Absolute minimal distance

0.22 dB at 576.7 Hz Ok

Ok

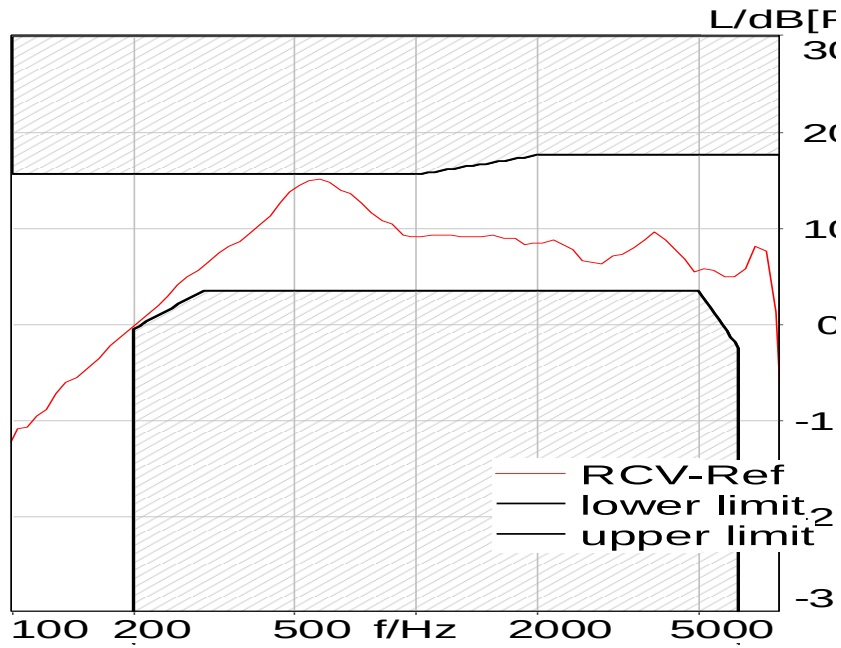
2024/4/25 下午 05:51 ACQUA 6.0.200

Limits

	lower
Run 1	Fit into tolerance

5.3 Frequency Response 2N FF

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



Absolute minimal distance

0.46 dB at 576.7 Hz Ok

Ok

2024/4/25 下午 06:00 ACQUA 6.0.200

Limits

	lower
Run 1	Fit into tolerance



Appendix A. Volume Control Evaluation Results

<Evaluation results for KDB 285076 D05 2.b>



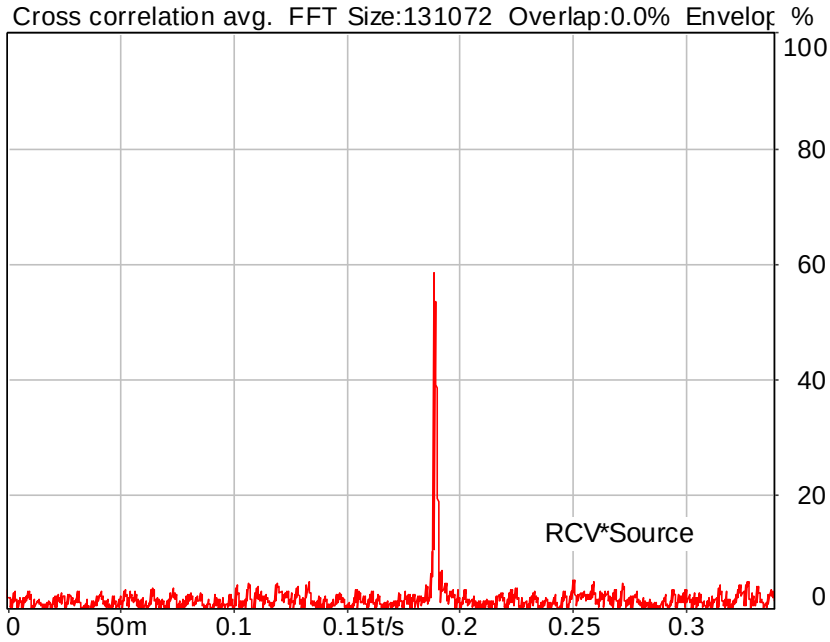
#4 GSM1900 AMR WB 12.65kbps

SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	189.1
5.1a Receive Volume Control Performance 8N WB limit	Ok	Speech Level [dB[SPL]]	90.08
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.52



Overall Receive Delay WB

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

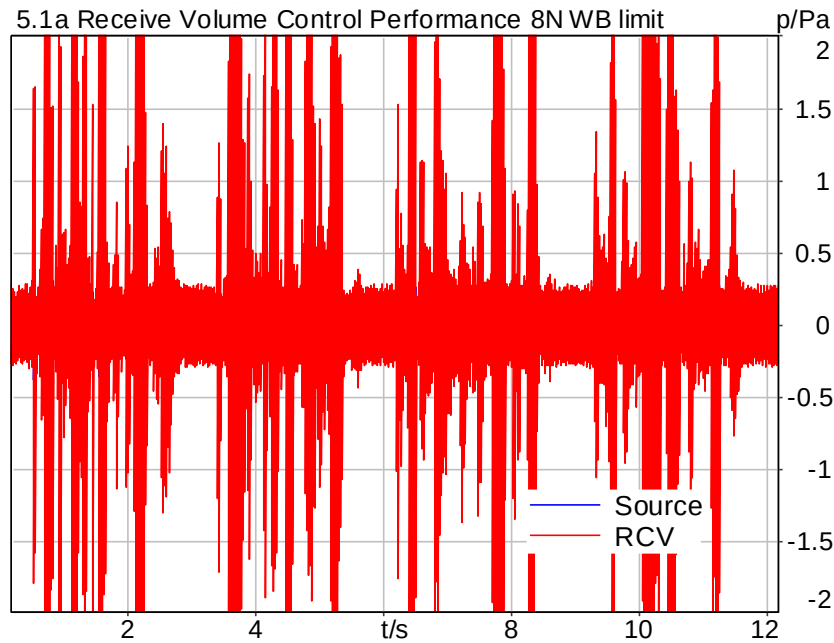


Channel	Delay
RCV*Source	189.1 ms

2024/4/30 上午 01:19 ACQUA 6.0.200

5.1a Receive Volume Control Performance 8N WB limit

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



Channel	Speech level	Activity	
RCV	90.08 dB[SPL]	54.76%	Ok

Ok

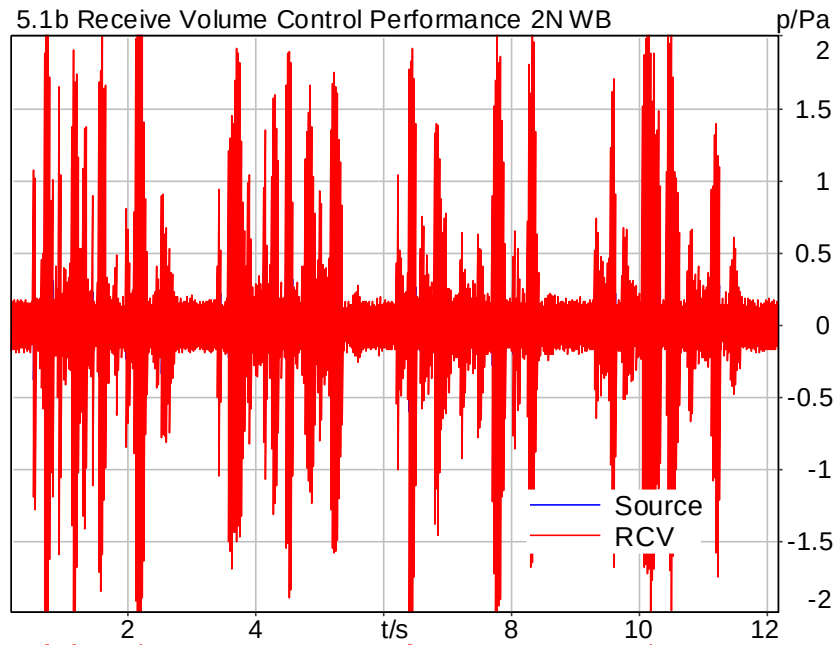
2024/4/30 上午 01:19 ACQUA 6.0.200

Limits

	lower
Run 1	76.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

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



Channel	Speech level	Activity	
RCV	87.52 dB[SPL]	39.39%	Ok

Ok

2024/4/30 上午 01:22 ACQUA 6.0.200

Limits

	lower
Run 1	76.00 dB20uPa



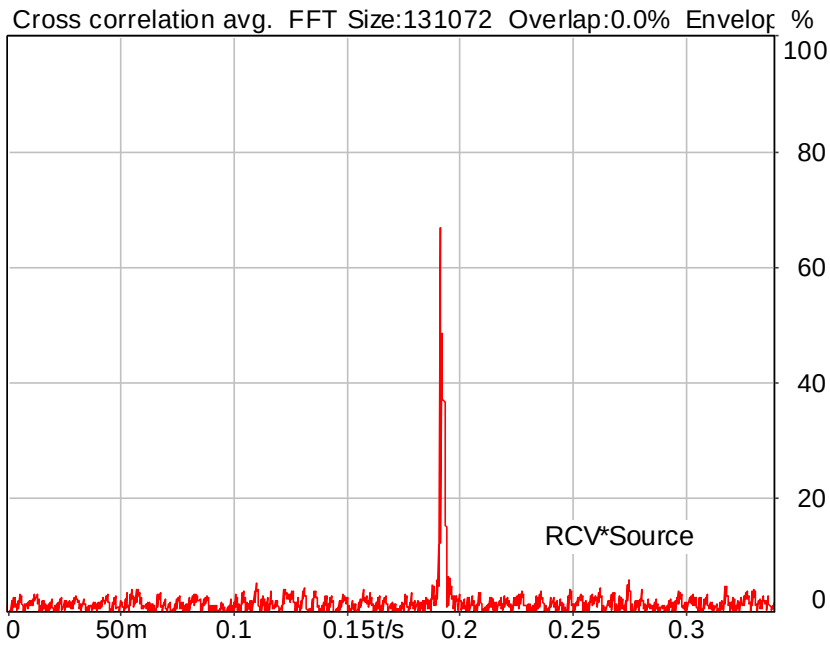
#5 WCDMA IV AMR WB 23.85kbps

SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	192.0
5.1a Receive Volume Control Performance 8N WB limit	Ok	Speech Level [dB[SPL]]	90.19
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.48



Overall Receive Delay WB

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

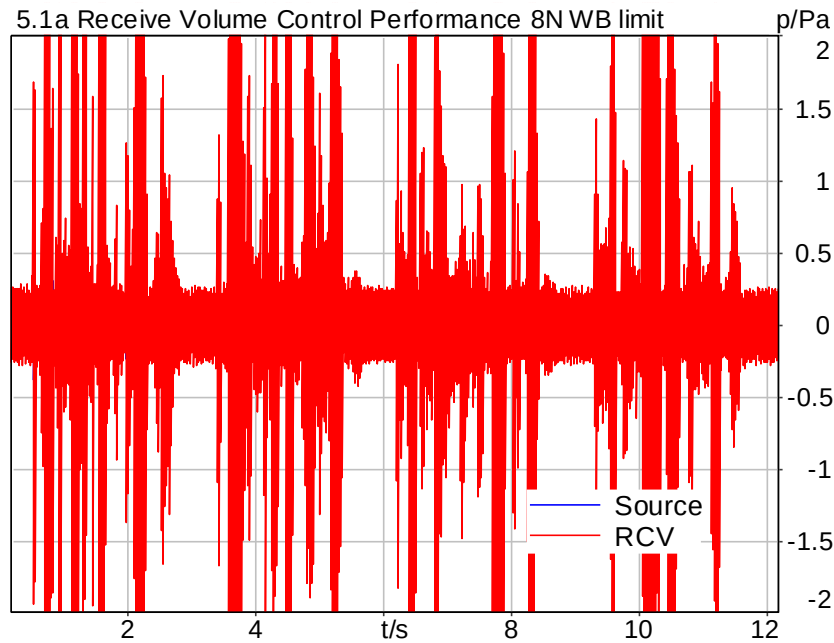


Channel	Delay
RCV*Source	192.0 ms

2024/4/29 下午 10:31 ACQUA 6.0.200

5.1a Receive Volume Control Performance 8N WB limit

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



Channel	Speech level	Activity	
RCV	90.19 dB[SPL]	55.80%	Ok

Ok

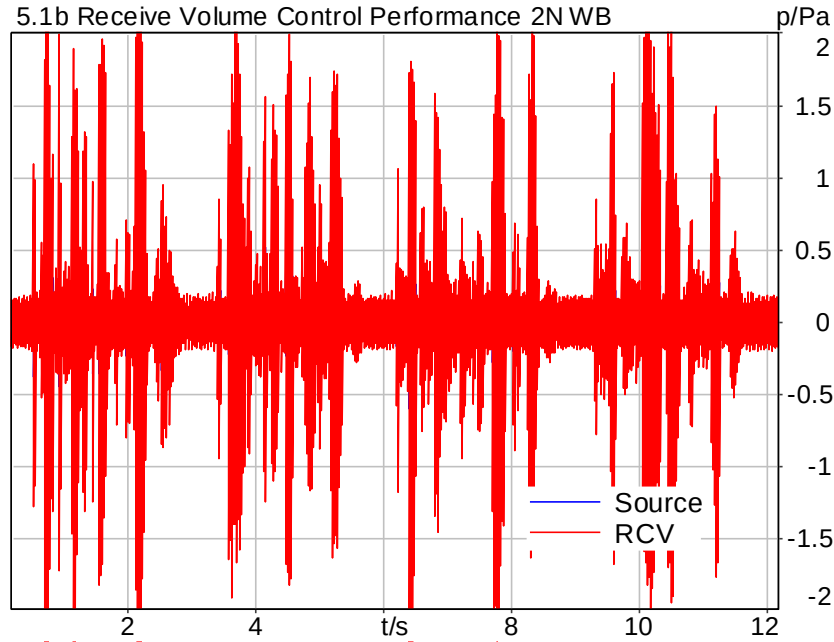
2024/4/29 下午 10:31 ACQUA 6.0.200

Limits

	lower
Run 1	76.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

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



Channel	Speech level	Activity	
RCV	87.48 dB[SPL]	41.53%	Ok

Ok

2024/4/29 下午 11:26 ACQUA 6.0.200

Limits

	lower
Run 1	76.00 dB20uPa



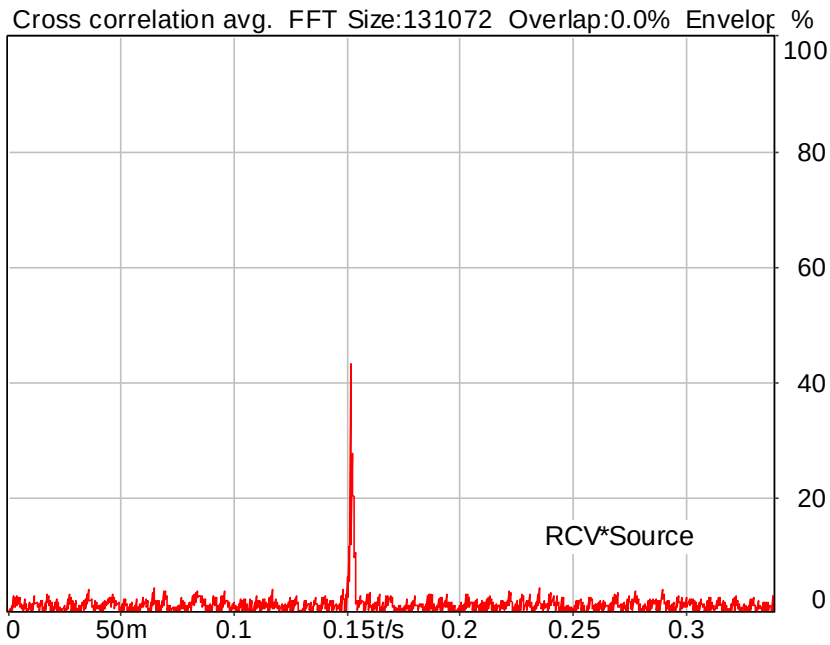
#6 LTE Band 12 EVS NB 5.9kbps

SMD	Status	Single Value Description	Single Value
Overall Receive Delay NB	Done	Delay (Cross) [ms]	152.2
5.1a Receive Volume Control Performance 8N NB limit	Ok	Speech Level [dB[SPL]]	88.85
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	87.12



Overall Receive Delay NB

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

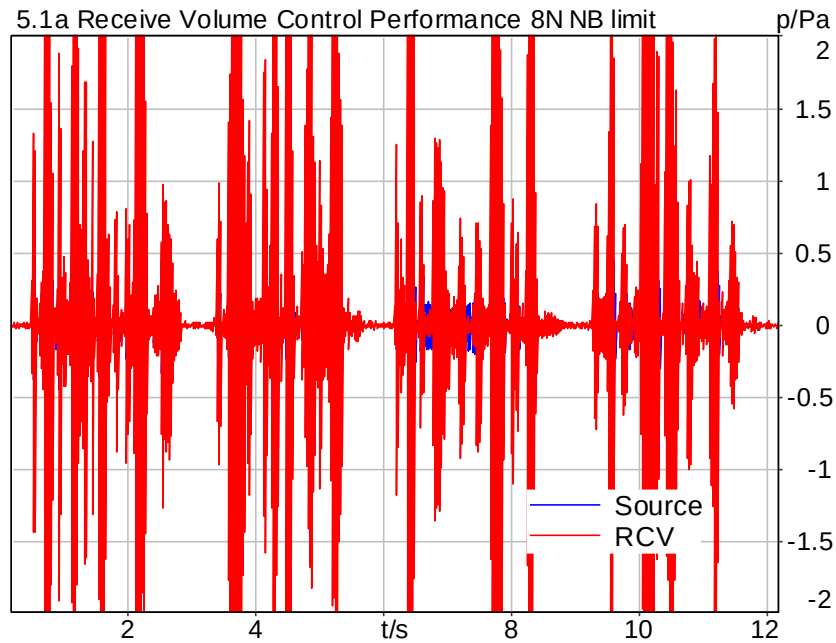


Channel	Delay
RCV*Source	152.2 ms

2024/4/26 上午 05:01 ACQUA 6.0.200

5.1a Receive Volume Control Performance 8N NB limit

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



Channel	Speech level	Activity	
RCV	88.85 dB[SPL]	46.82%	Ok

Ok

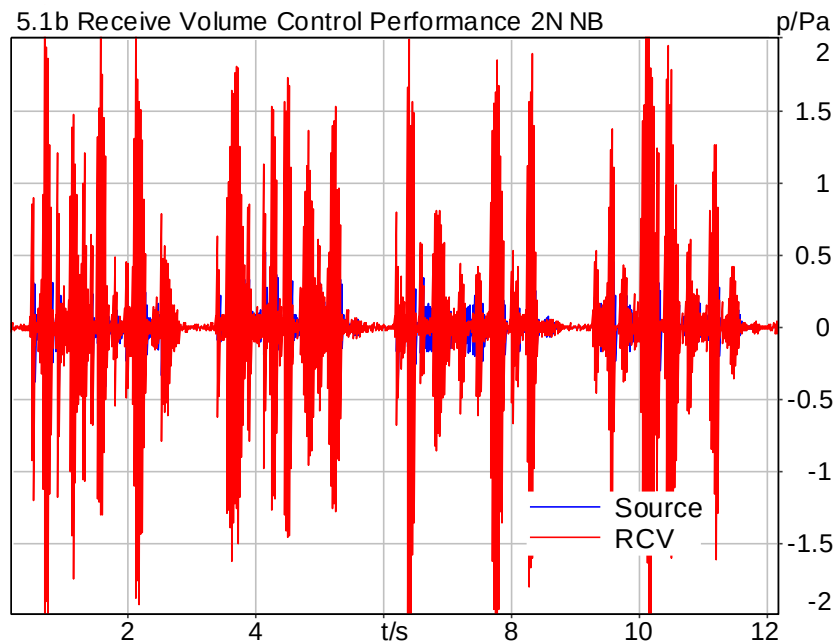
2024/4/26 上午 05:01 ACQUA 6.0.200

Limits

	lower
Run 1	76.00 dB20uPa

5.1b Receive Volume Control Performance 2N NB

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



Channel	Speech level	Activity	
RCV	87.12 dB[SPL]	27.43%	Ok

Ok

2024/4/26 上午 05:02 ACQUA 6.0.200

Limits

	lower
Run 1	76.00 dB20uPa



#7 FR1 n77 AMR NB 4.75kbps

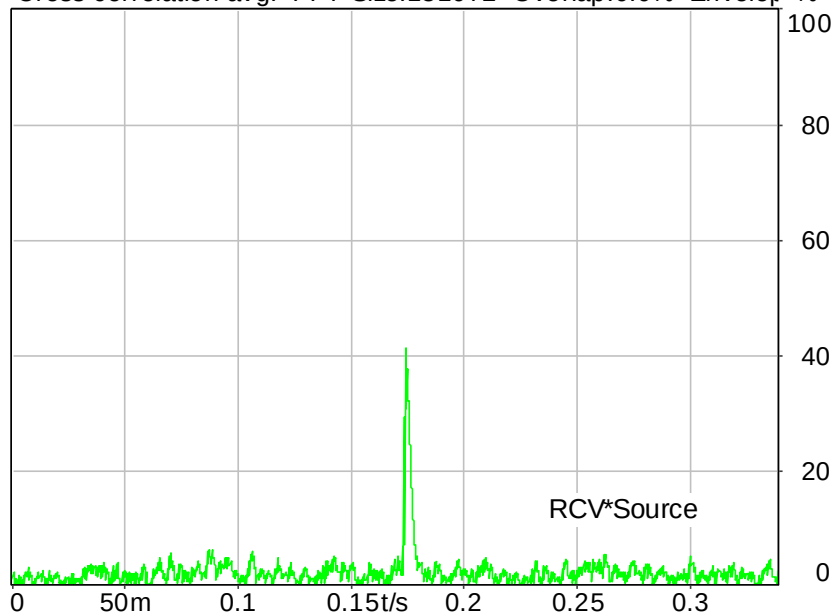
SMD	Status	Single Value Description	Single Value
Overall Receive Delay NB	Done	Delay (Cross) [ms]	174.4
5.1a Receive Volume Control Performance 8N NB limit	Ok	Speech Level [dB[SPL]]	90.49
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	87.17



Overall Receive Delay NB

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

Cross correlation avg. FFT Size:131072 Overlap:0.0% Envelope %

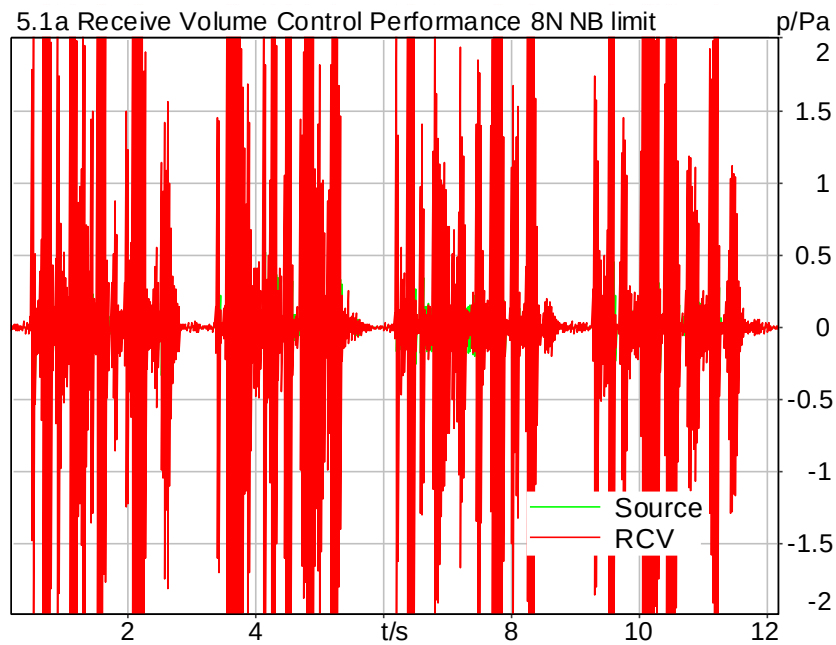


Channel	Delay
RCV*Source	174.4 ms

2024/5/3 上午 01:16 ACQUA 6.0.200

5.1a Receive Volume Control Performance 8N NB limit

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



Channel	Speech level	Activity	
RCV	90.49 dB[SPL]	58.87%	Ok

Ok

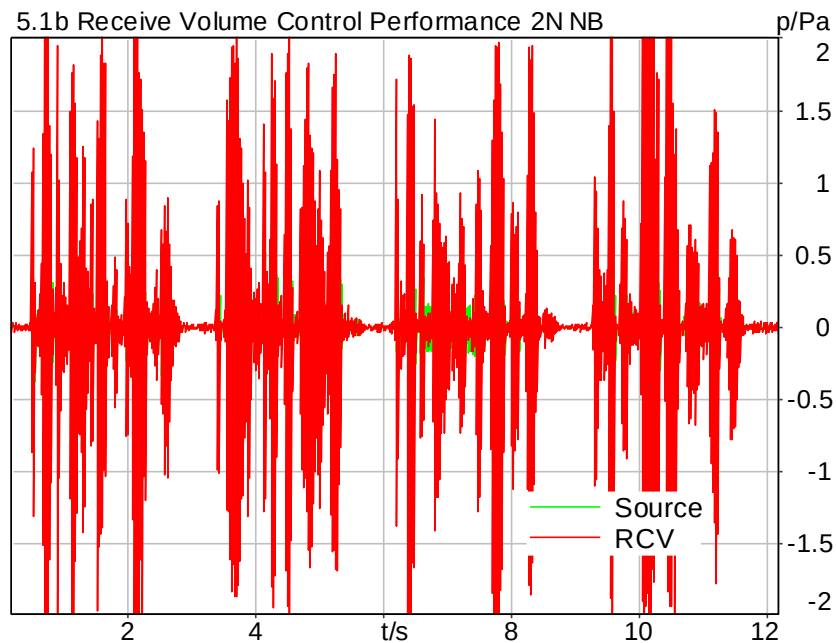
2024/5/3 上午 01:18 ACQUA 6.0.200

Limits

	lower
Run 1	76.00 dB20uPa

5.1b Receive Volume Control Performance 2N NB

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



Channel	Speech level	Activity	
RCV	87.17 dB[SPL]	45.86%	Ok

Ok

2024/5/3 上午 01:20 ACQUA 6.0.200

Limits

	lower
Run 1	76.00 dB20uPa



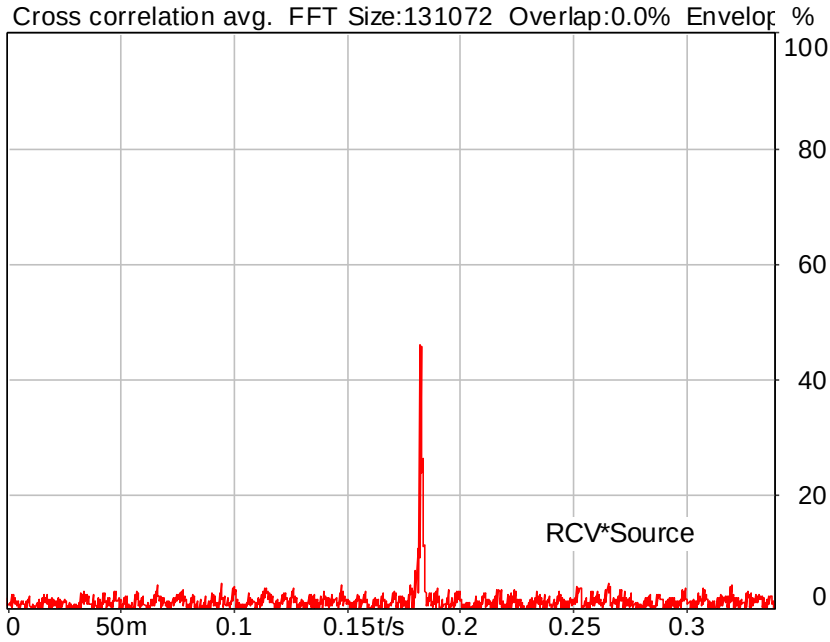
#8 Wifi 2.4GHz EVS NB 5.9kbps

SMD	Status	Single Value Description	Single Value
Overall Receive Delay NB	Done	Delay (Cross) [ms]	182.4
5.1a Receive Volume Control Performance 8N NB	Ok	Speech Level [dB[SPL]]	90.25
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	86.99



Overall Receive Delay NB

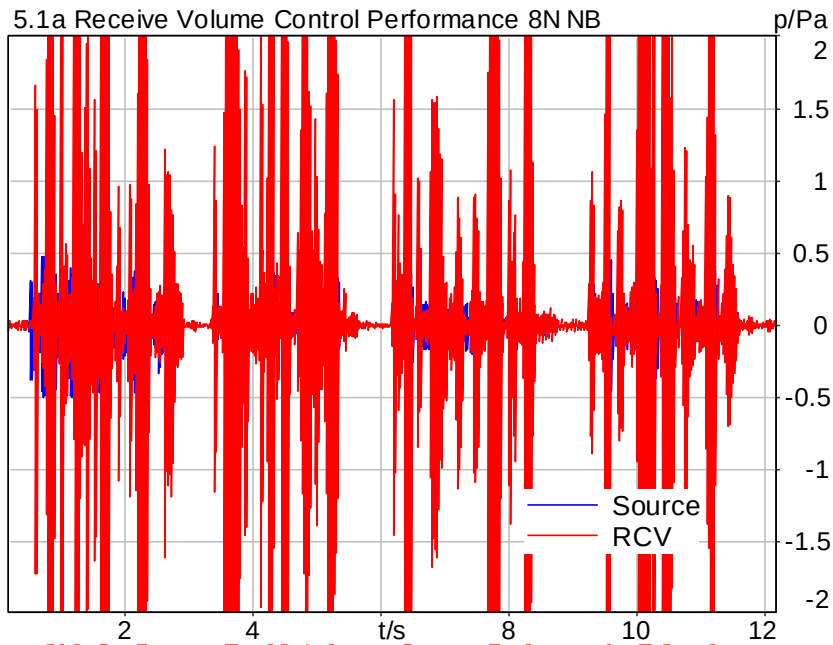
TIA-5050 (2018-01) \ Measurements \ Narrowband \ Preparation - Delay measurement



Channel	Delay
RCV*Source	182.4 ms

5.1a Receive Volume Control Performance 8N NB

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



Channel	Speech level	Activity	
RCV	90.25 dB[SPL]	49.77%	Ok

Ok

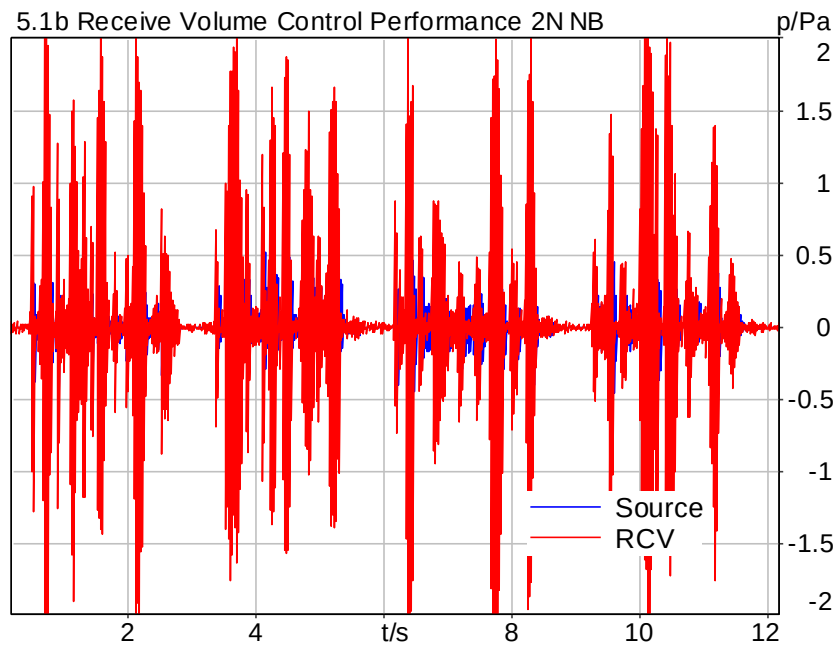
2024/4/25 下午 05:13 ACQUA 6.0.200

Limits

	lower
Run 1	76.00 dB20uPa

5.1b Receive Volume Control Performance 2N NB

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



Channel	Speech level	Activity	
RCV	86.99 dB[SPL]	32.87%	Ok

Ok

2024/4/25 下午 05:13 ACQUA 6.0.200

Limits

	lower
Run 1	76.00 dB20uPa