



Appendix A. Volume Control Evaluation Results

<Evaluation results for KDB 285076 D05 2.a>



#1 LTE B71 EVS WB 24.4Kbps

SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	200.2
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	89.39
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	88.62
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.42
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.93
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	29.15
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.62
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.86
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	36.36
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.05
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.92
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.95
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.70
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.01
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.95
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.92
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	42.73
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	30.74
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	30.06
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	29.53
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.34
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	34.37
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.68
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.96
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.11
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	42.26
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.93



Volume Control Evaluation Report

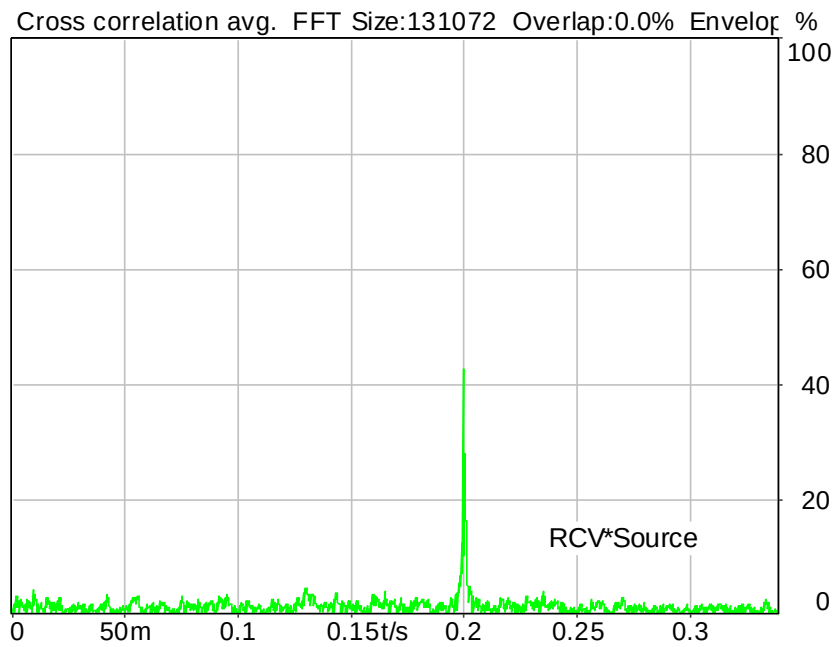
Report No. :HA3N2327-01

5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.41
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	42.29
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.29
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	42.96
5.3 Frequency Response 8N DF	Ok	Min. dist. to tolerance scheme [dB], 576.7 Hz	2.08
5.3 Frequency Response 2N DF	Ok	Min. dist. to tolerance scheme [dB], 205.7 Hz	1.20



Overall Receive Delay WB

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

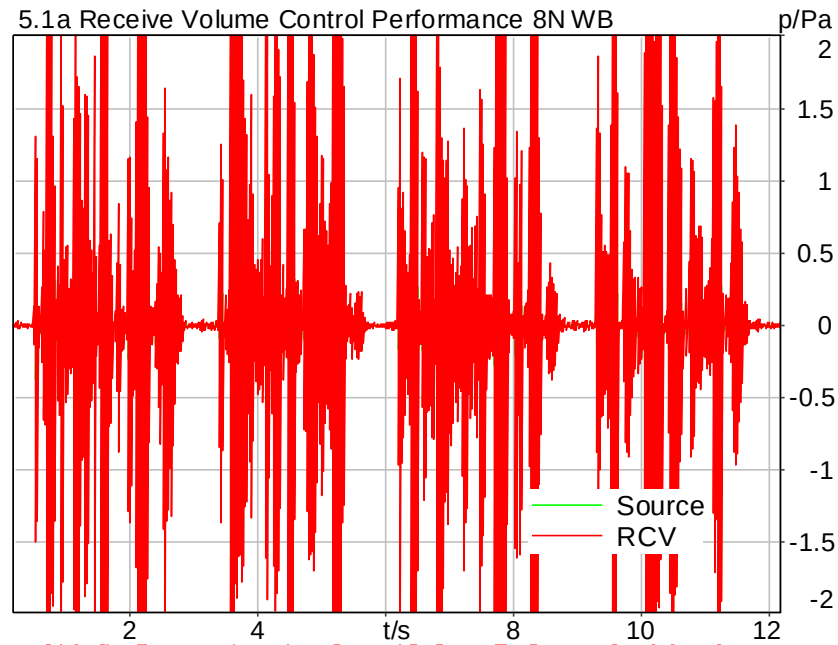


Delay (Cross): 200.2 ms

2024/1/31 下午 06:40 ACQUA 5.1.200

5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 89.39 dB[SPL], Act.: 58.04% Ok

Ok

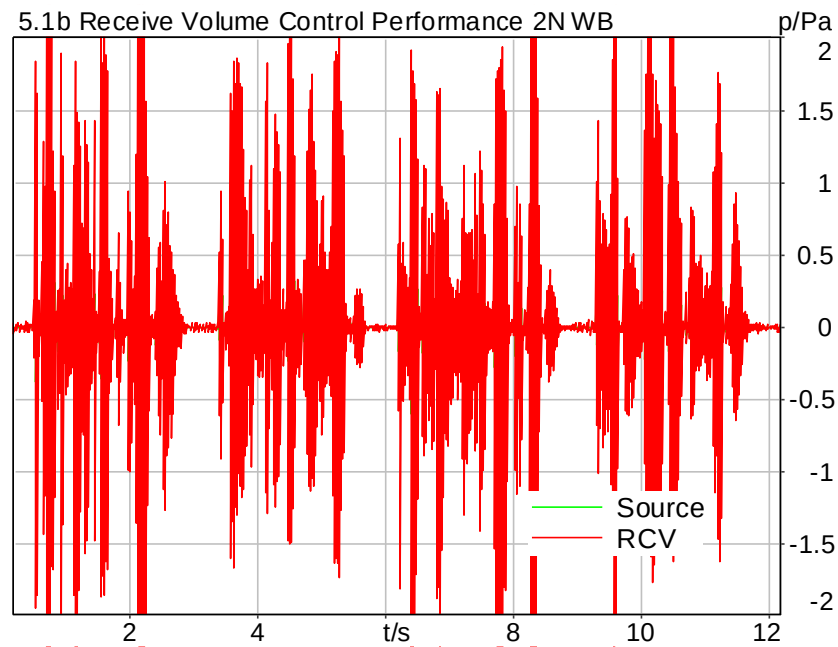
2024/1/31 下午 06:41 ACQUA 5.1.200

Limits

	lower
Run 1	88.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 88.62 dB[SPL], Act.: 35.31% Ok

Ok

2024/1/31 下午 07:00 ACQUA 5.1.200

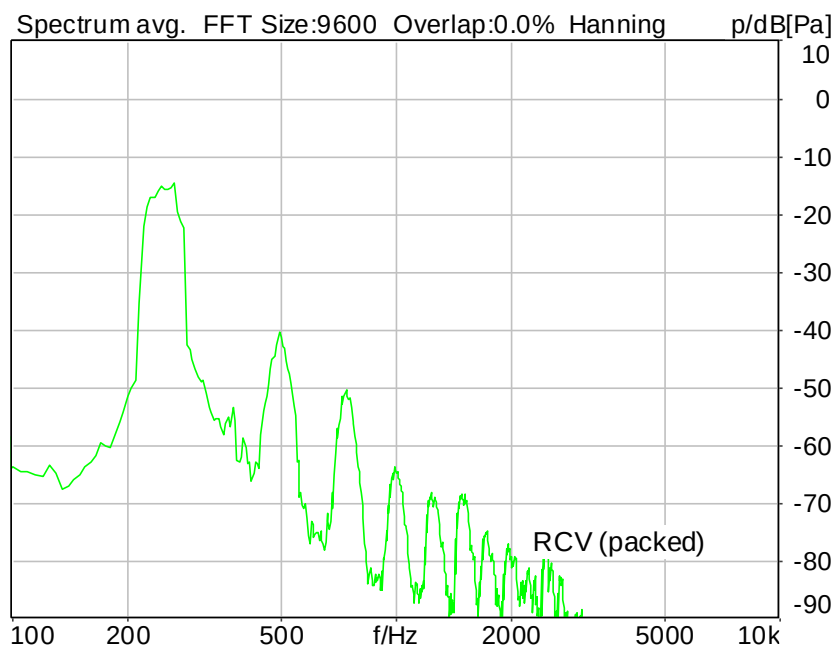
Limits

	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): 28.42 dB (3.79%) Ok

Ok

2024/1/31 下午 06:41 ACQUA 5.1.200

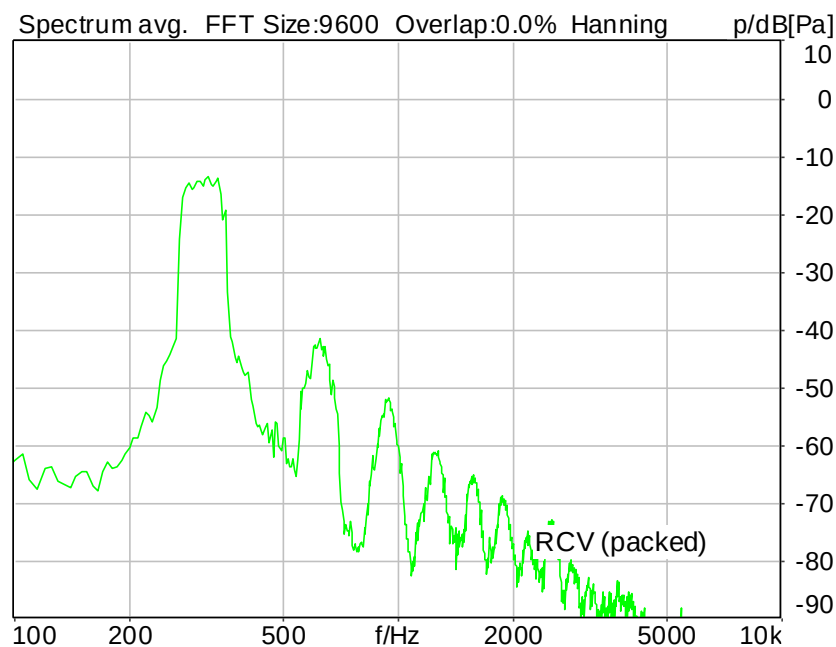
Limits

	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): 28.93 dB (3.58%) Ok

Ok

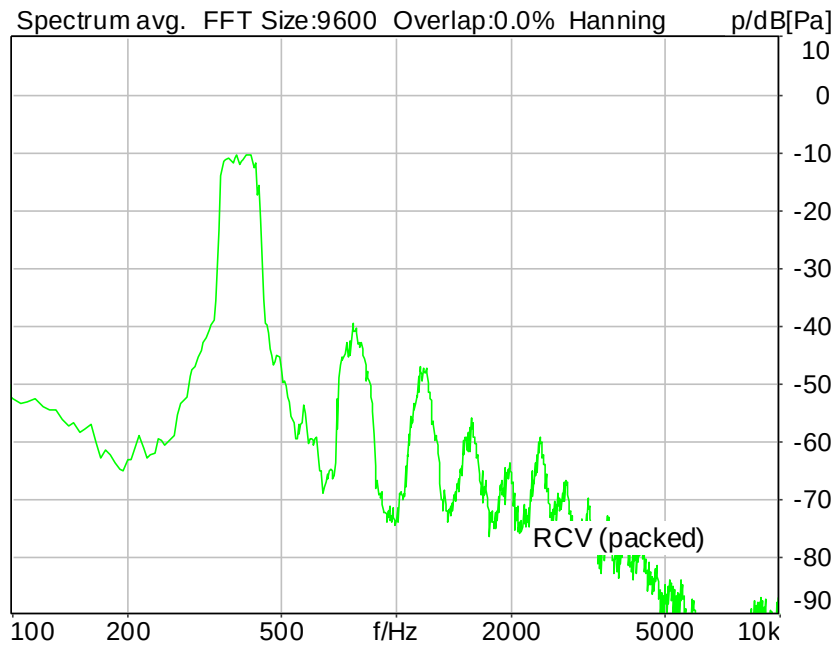
2024/1/31 下午 06:42 ACQUA 5.1.200

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): 29.15 dB (3.49%) Ok

Ok

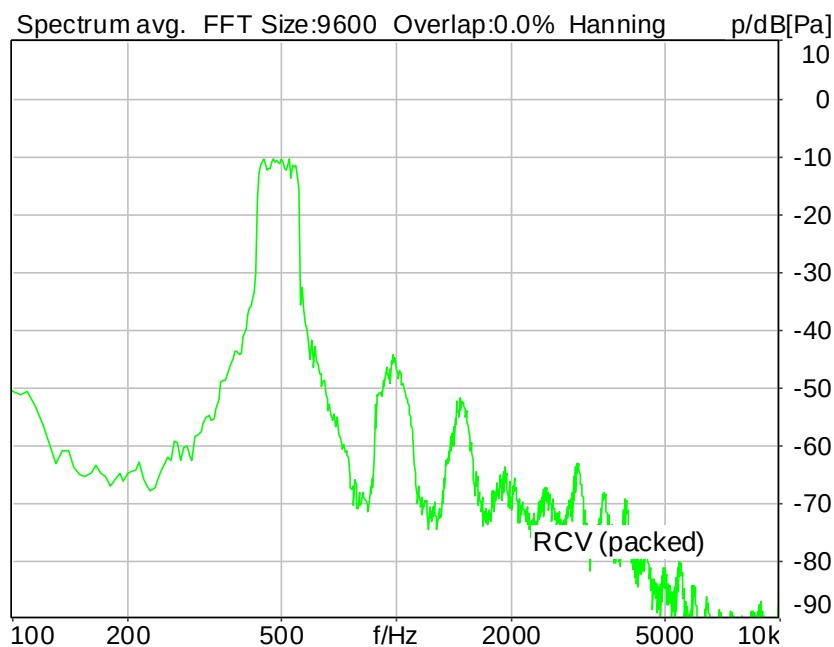
2024/1/31 下午 06:42 ACQUA 5.1.200

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): 31.62 dB (2.62%) Ok

Ok

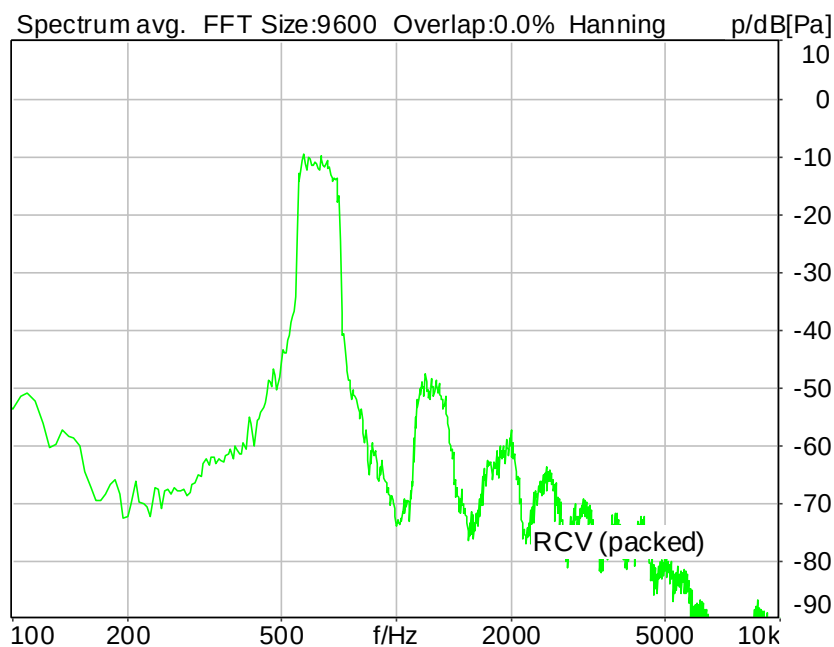
2024/1/31 下午 06:43 ACQUA 5.1.200

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): 33.86 dB (2.03%) Ok

Ok

2024/1/31 下午 06:43 ACQUA 5.1.200

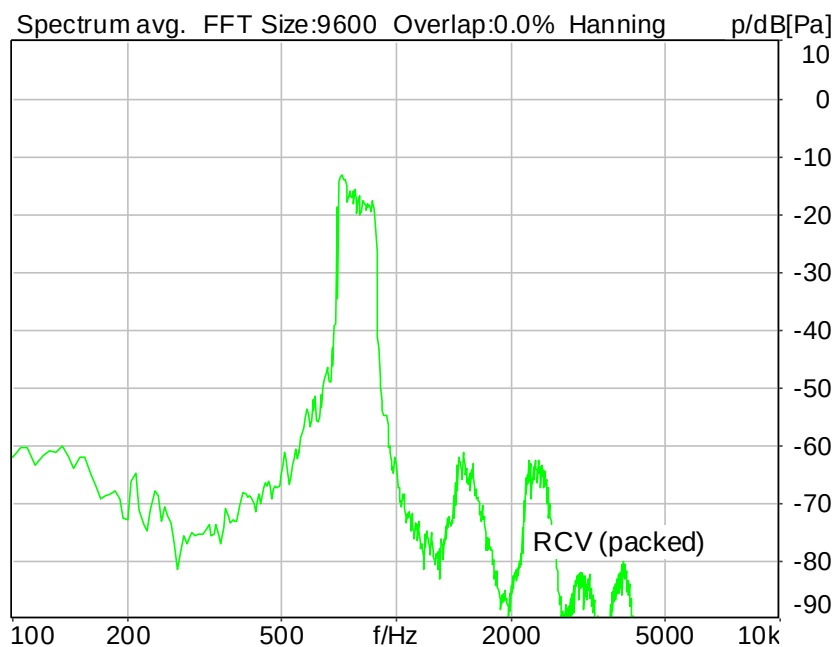
Limits

	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): 36.36 dB (1.52%) Ok

Ok

2024/1/31 下午 06:44 ACQUA 5.1.200

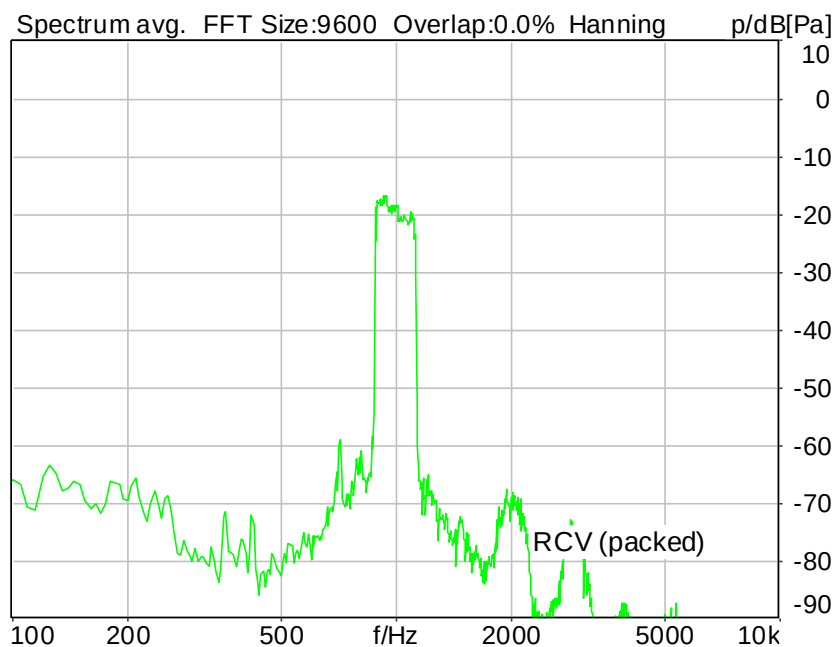
Limits

	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): 43.05 dB (0.70%) Ok

Ok

2024/1/31 下午 06:44 ACQUA 5.1.200

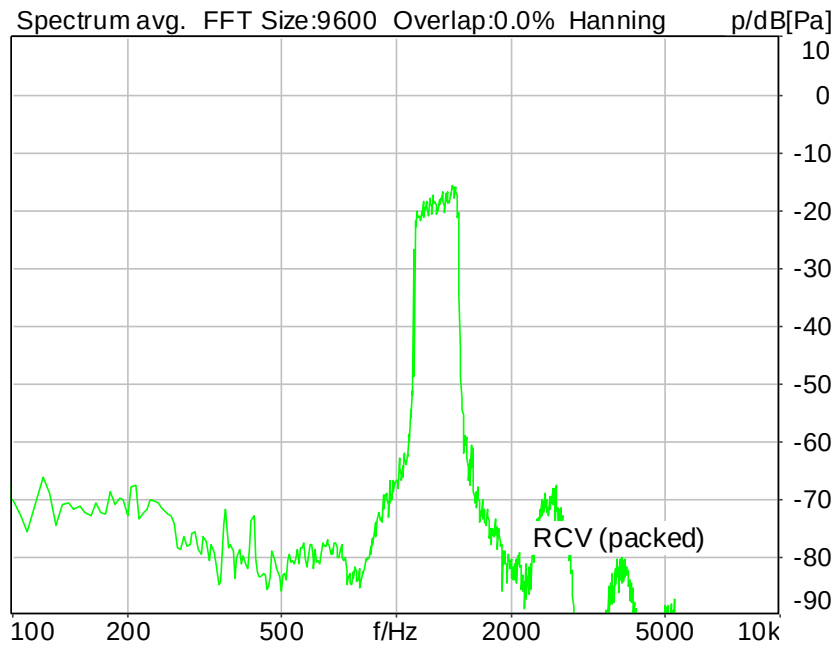
Limits

	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): 31.92 dB (2.54%) Ok

Ok

2024/1/31 下午 06:45 ACQUA 5.1.200

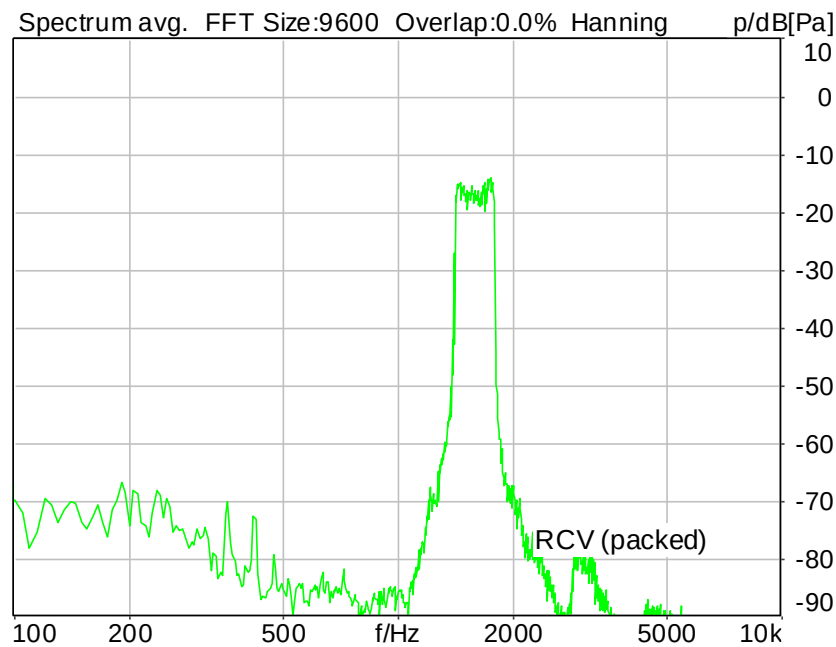
Limits

	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): 44.95 dB (0.57%) Ok

Ok

2024/1/31 下午 06:45 ACQUA 5.1.200

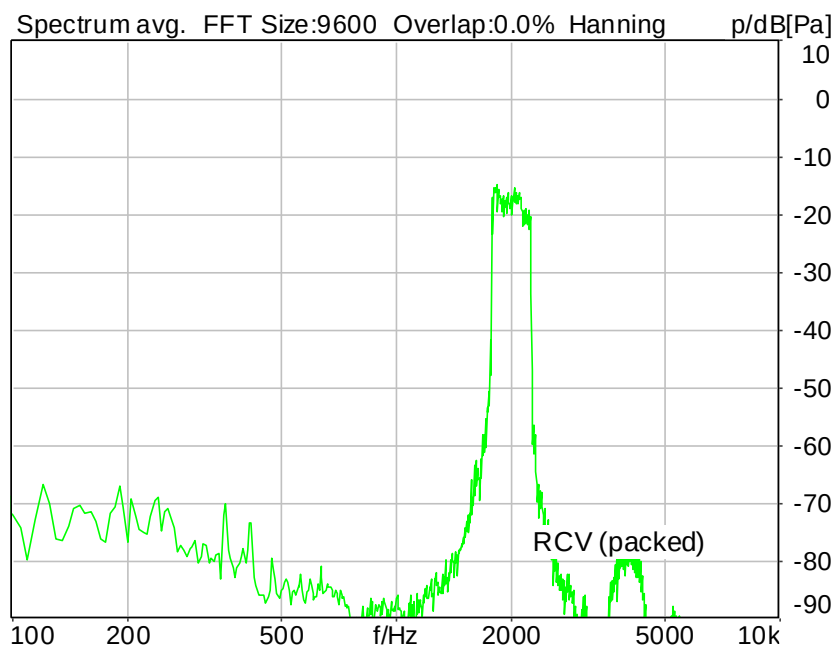
Limits

	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): 43.70 dB (0.65%) Ok

Ok

2024/1/31 下午 06:45 ACQUA 5.1.200

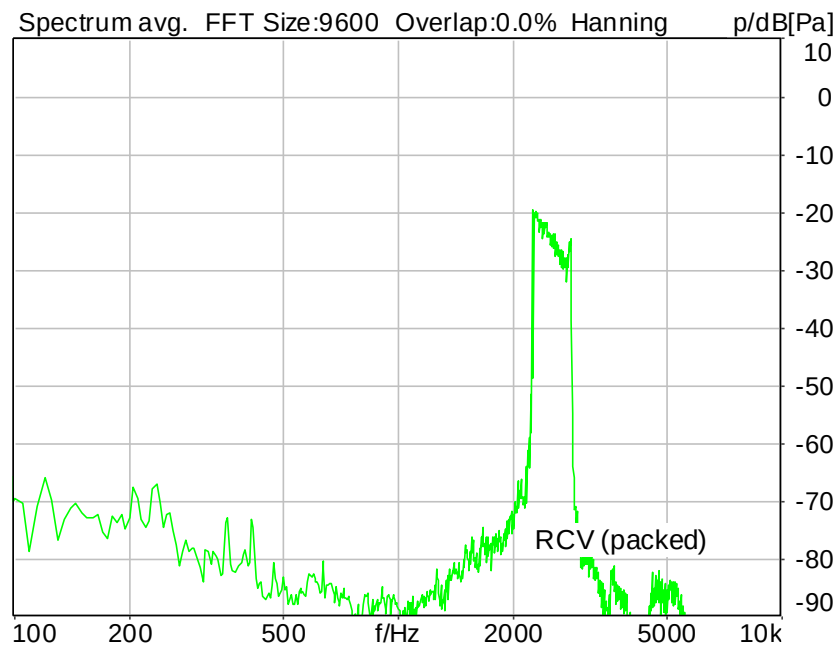
Limits

	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): 44.01 dB (0.63%) Ok

Ok

2024/1/31 下午 06:46 ACQUA 5.1.200

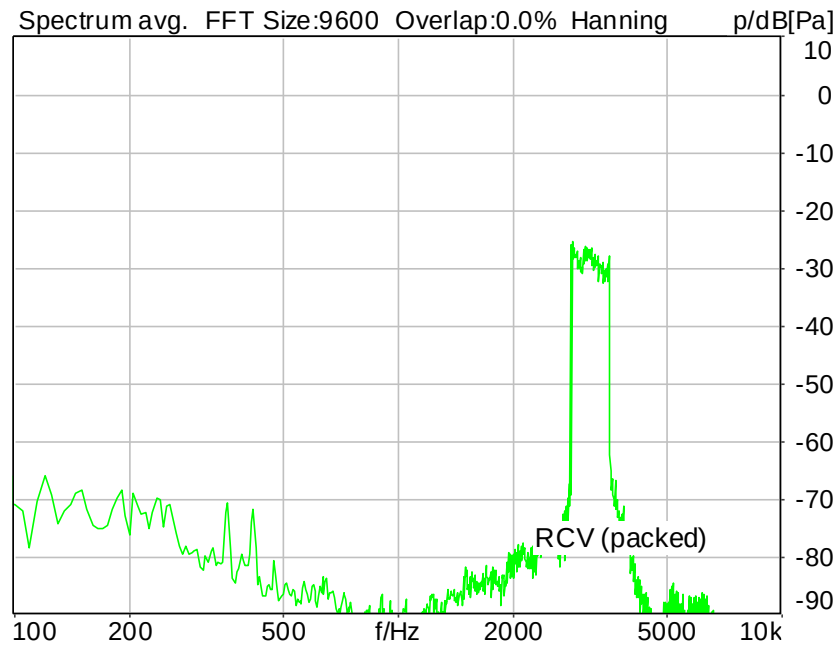
Limits

	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): 41.95 dB (0.80%) Ok

Ok

2024/1/31 下午 06:46 ACQUA 5.1.200

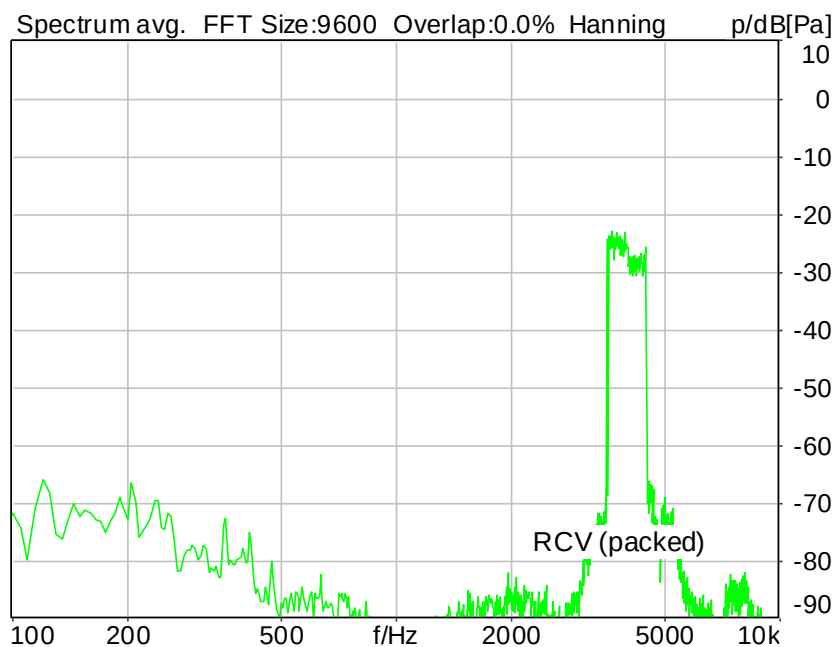
Limits

	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): 43.92 dB (0.64%) Ok

Ok

2024/1/31 下午 06:47 ACQUA 5.1.200

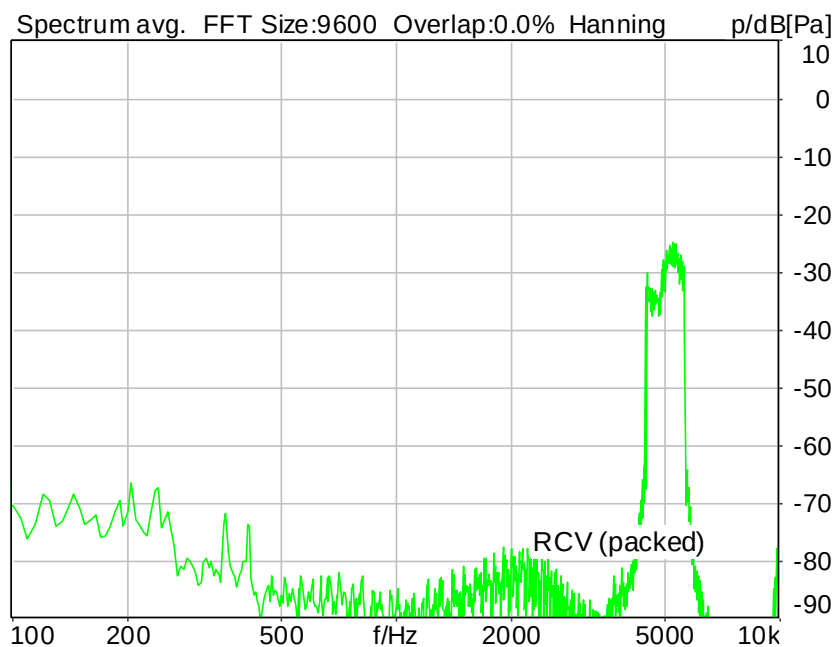
Limits

	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): 42.73 dB (0.73%) Ok

Ok

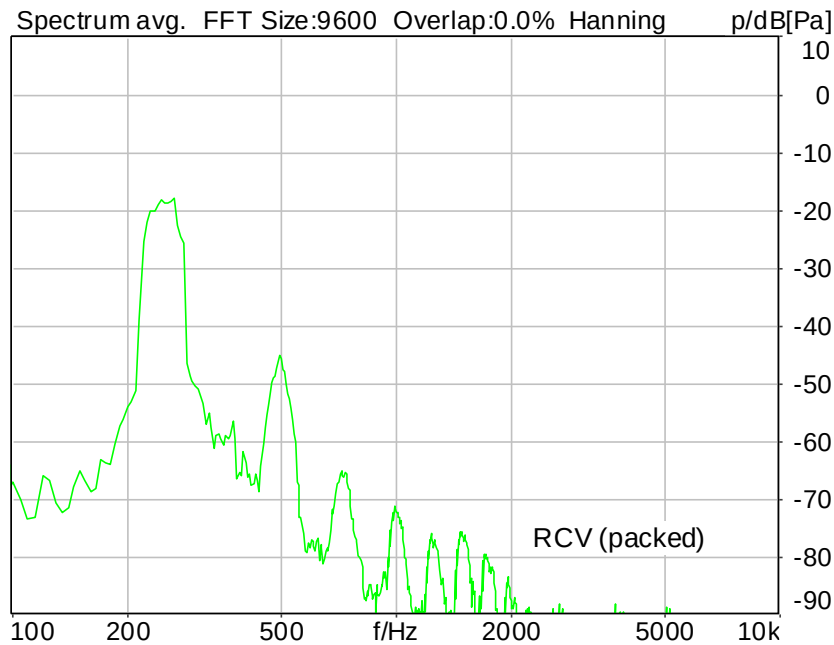
2024/1/31 下午 06:47 ACQUA 5.1.200

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): 30.74 dB (2.90%) Ok

Ok

2024/1/31 下午 06:49 ACQUA 5.1.200

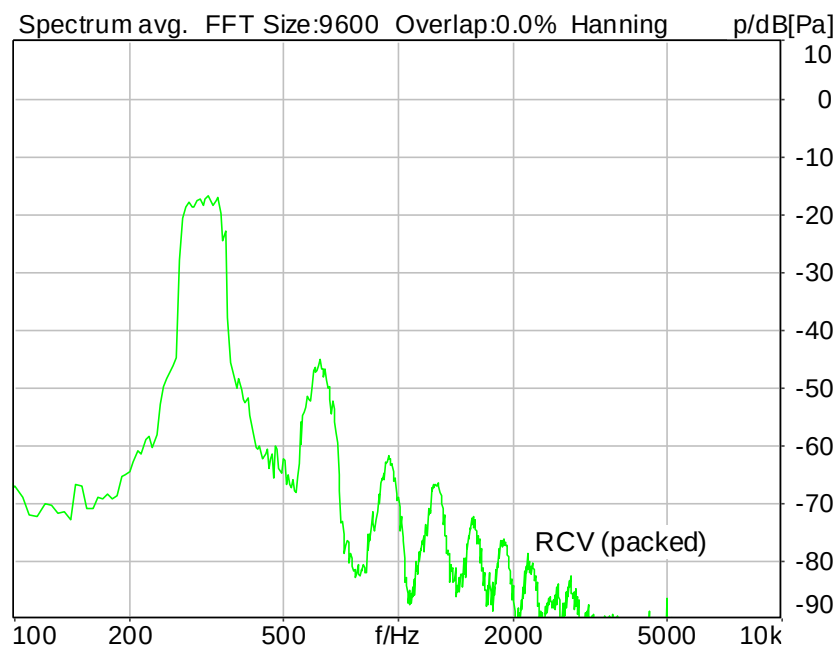
Limits

	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): 30.06 dB (3.14%) Ok

Ok

2024/1/31 下午 06:50 ACQUA 5.1.200

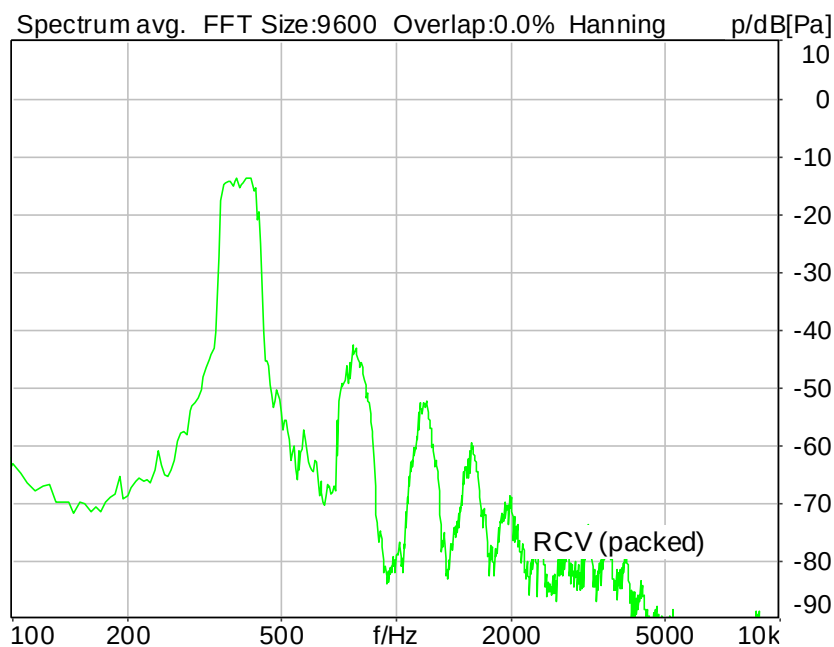
Limits

	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): 29.53 dB (3.34%) Ok

Ok

2024/1/31 下午 06:50 ACQUA 5.1.200

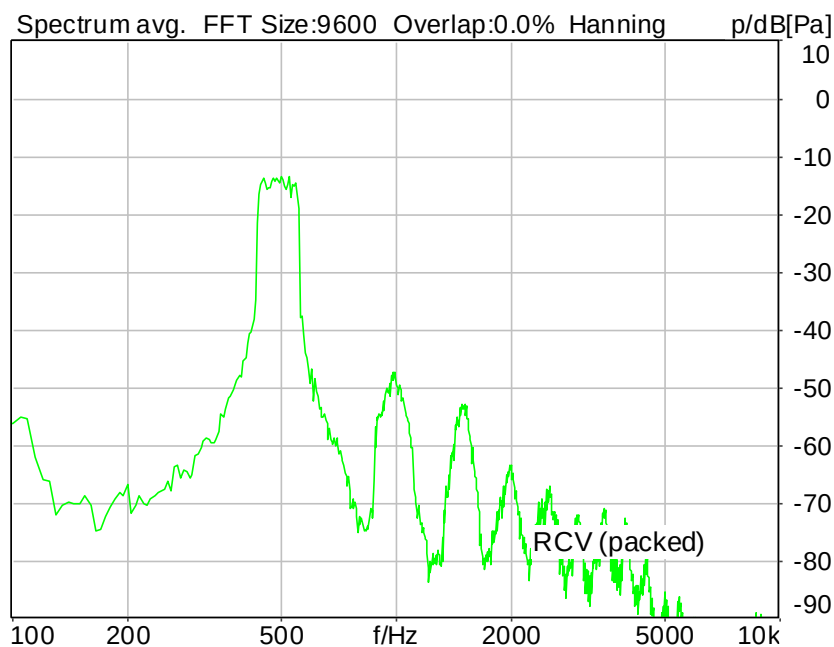
Limits

	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): 31.34 dB (2.71%) Ok

Ok

2024/1/31 下午 06:51 ACQUA 5.1.200

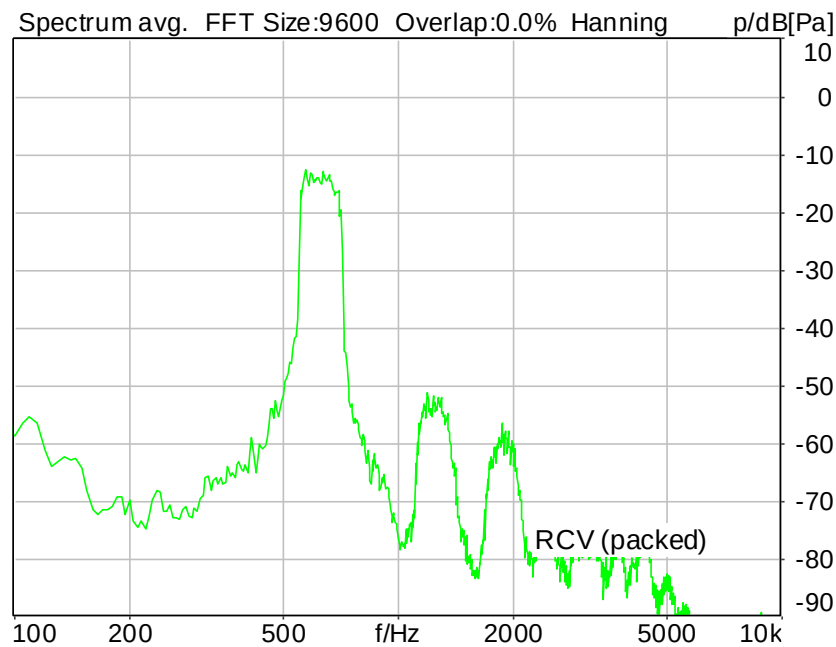
Limits

	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): 34.37 dB (1.91%) Ok

Ok

2024/1/31 下午 06:51 ACQUA 5.1.200

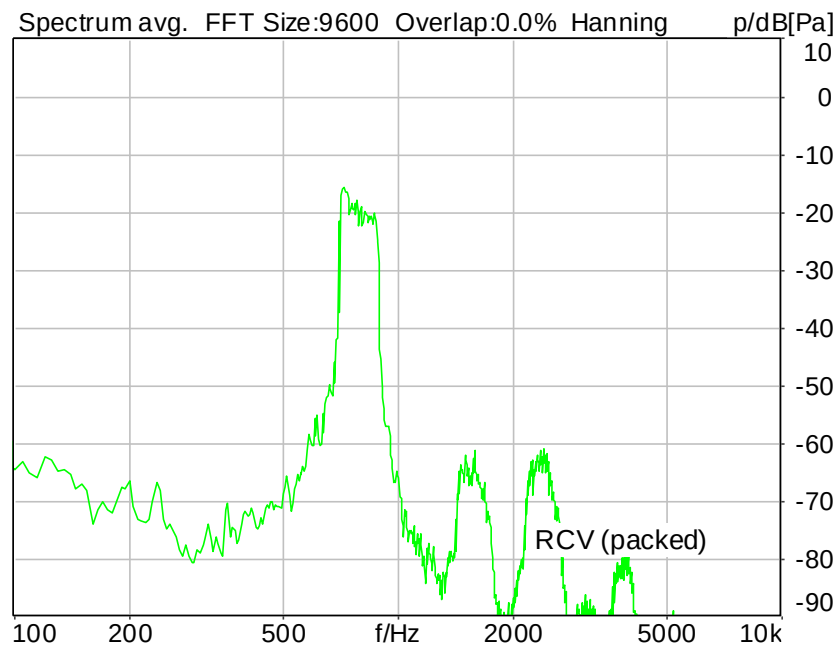
Limits

	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): 35.68 dB (1.64%) Ok

Ok

2024/1/31 下午 06:52 ACQUA 5.1.200

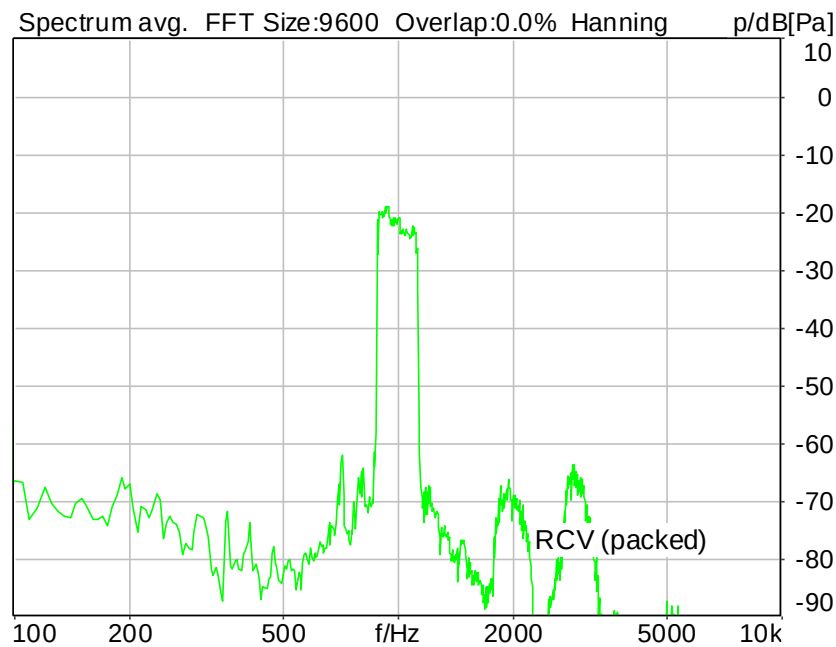
Limits

	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): 38.96 dB (1.13%) Ok

Ok

2024/1/31 下午 06:52 ACQUA 5.1.200

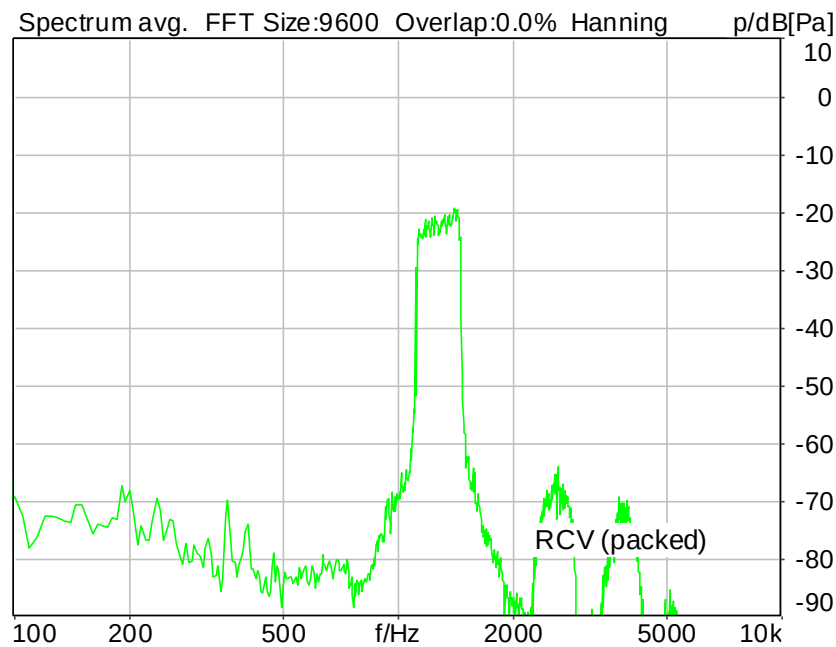
Limits

	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): 32.11 dB (2.48%) Ok

Ok

2024/1/31 下午 06:53 ACQUA 5.1.200

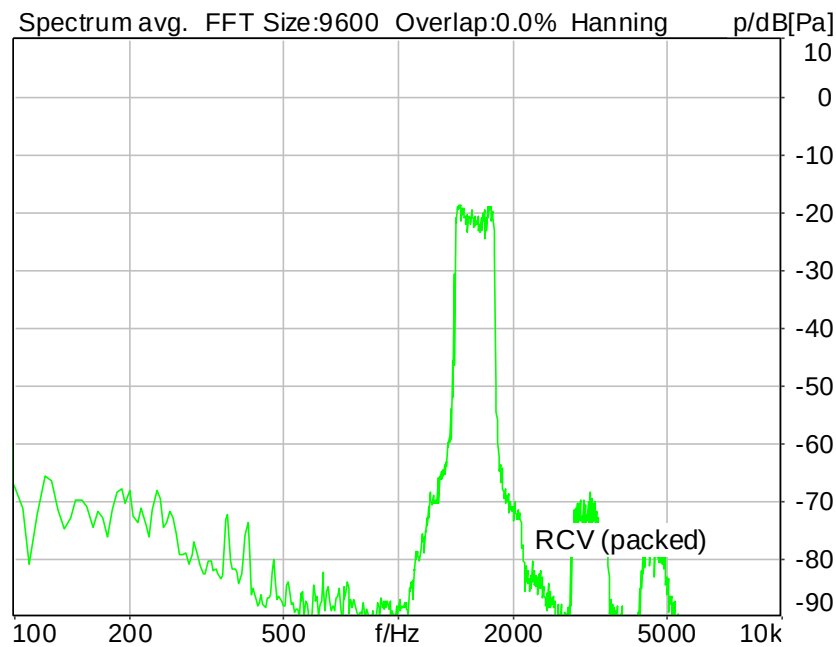
Limits

	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): 42.26 dB (0.77%) Ok

Ok

2024/1/31 下午 06:53 ACQUA 5.1.200

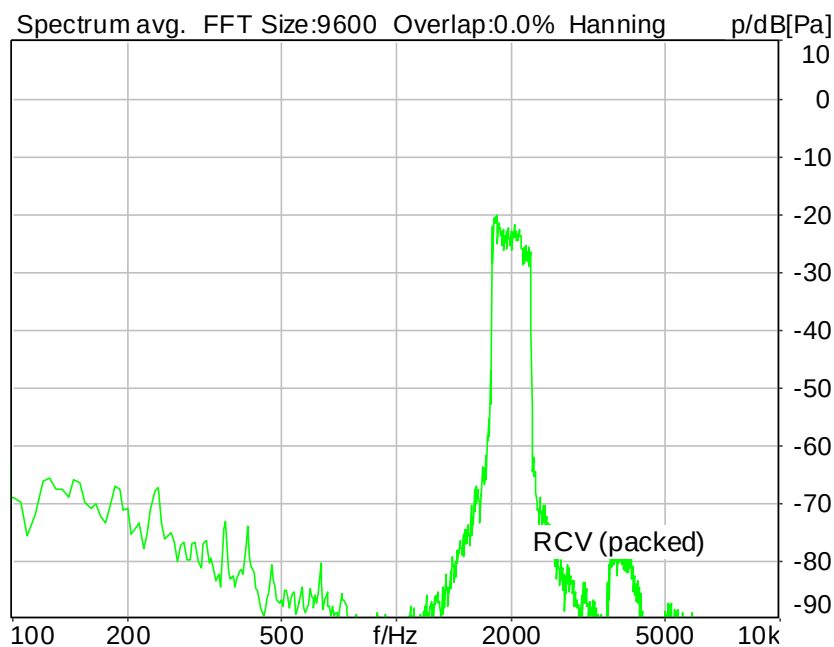
Limits

	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): 41.93 dB (0.80%) Ok

Ok

2024/1/31 下午 06:54 ACQUA 5.1.200

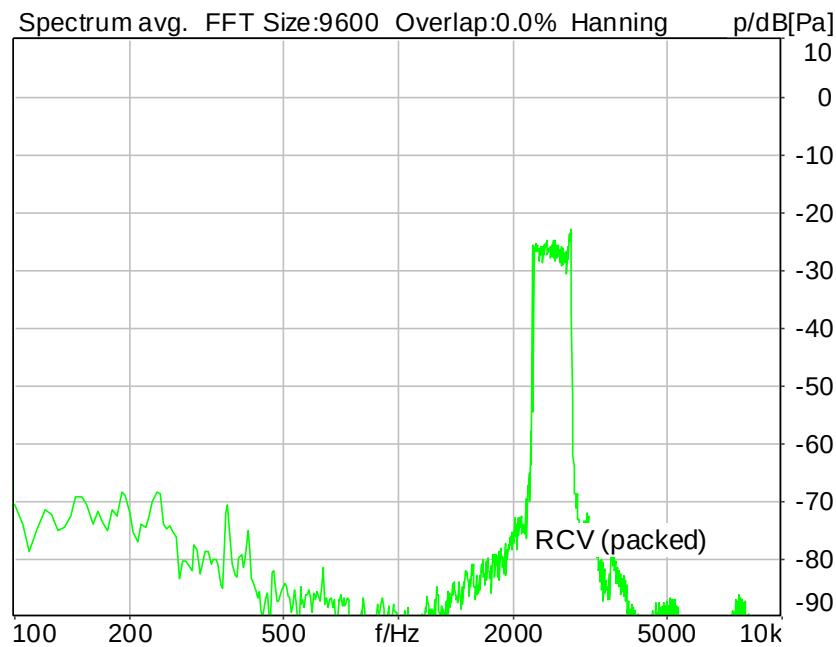
Limits

	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): 43.41 dB (0.68%) Ok

Ok

2024/1/31 下午 06:54 ACQUA 5.1.200

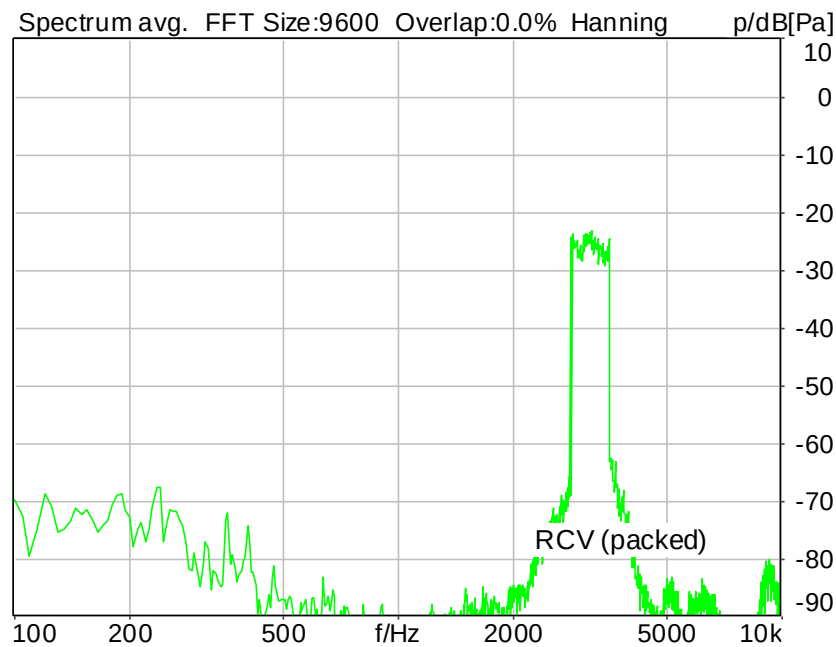
Limits

	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): 42.29 dB (0.77%) Ok

Ok

2024/1/31 下午 06:55 ACQUA 5.1.200

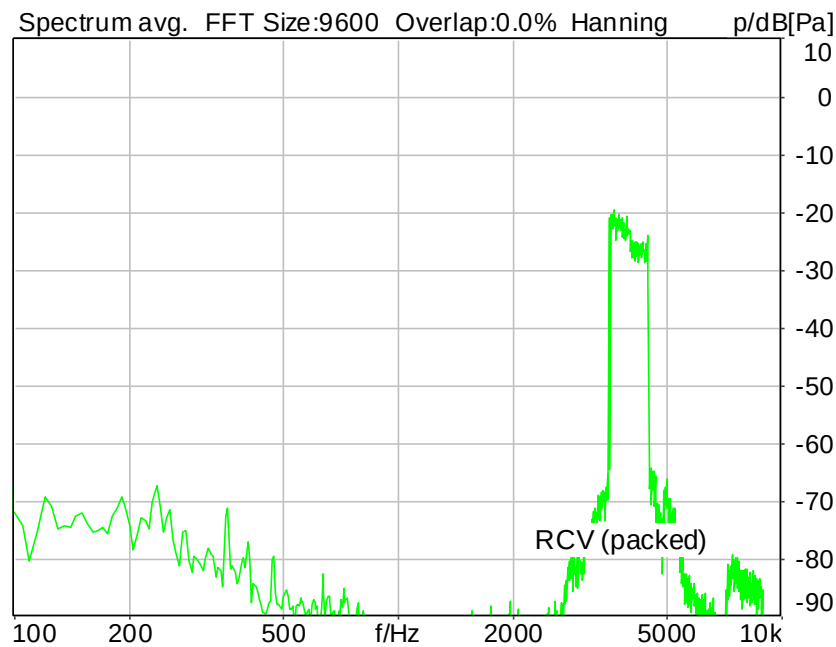
Limits

	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): 44.29 dB (0.61%) Ok

Ok

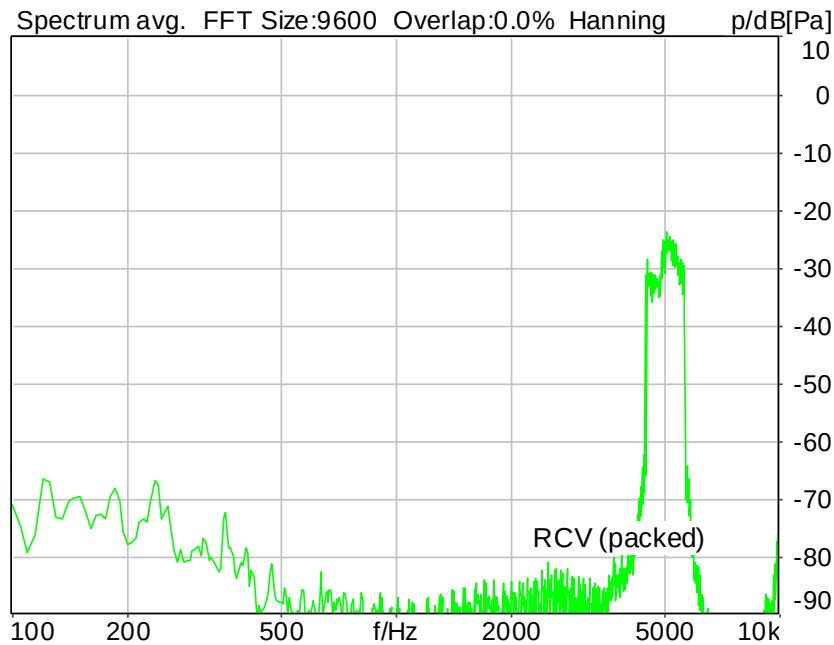
2024/1/31 下午 06:55 ACQUA 5.1.200

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): 42.96 dB (0.71%) Ok

Ok

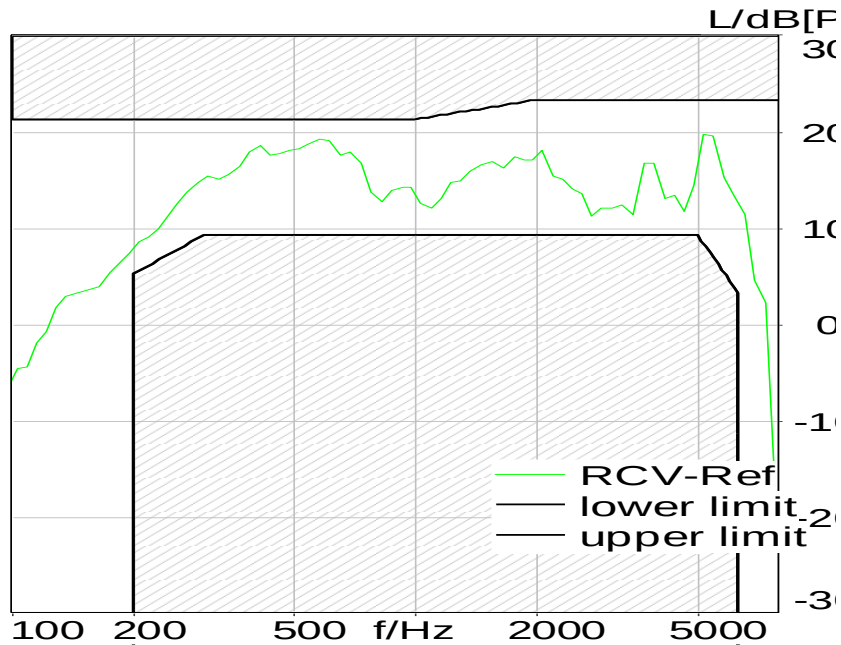
2024/1/31 下午 06:56 ACQUA 5.1.200

Limits

	lower
Run 1	20.00 dB

5.3 Frequency Response 8N DF

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



Absolute minimal distance

2.08 dB at 576.7 Hz Ok

Ok

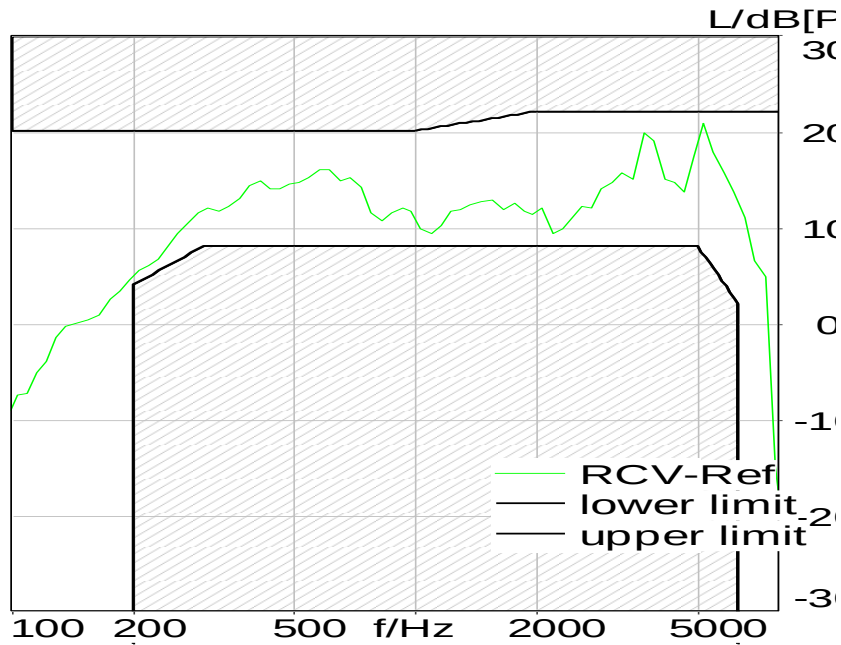
2024/1/31 下午 06:48 ACQUA 5.1.200

Limits

	lower
Run 1	Fit into tolerance

5.3 Frequency Response 2N DF

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



Absolute minimal distance

1.20 dB at 205.7 Hz Ok

Ok

2024/1/31 下午 06:56 ACQUA 5.1.200

Limits

	lower
Run 1	Fit into tolerance

#2 NR n7 EVS WB 24.4Kbps

SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	194.0
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	89.10
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	88.69
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	27.83
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.33
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	29.14
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.94
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.74
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.81
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	42.62
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.94
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.80
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.66
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.03
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.68
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.99
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	42.90
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.48
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.44
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.93
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.40
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.85
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.59
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	40.37
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.07
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.06



Volume Control Evaluation Report

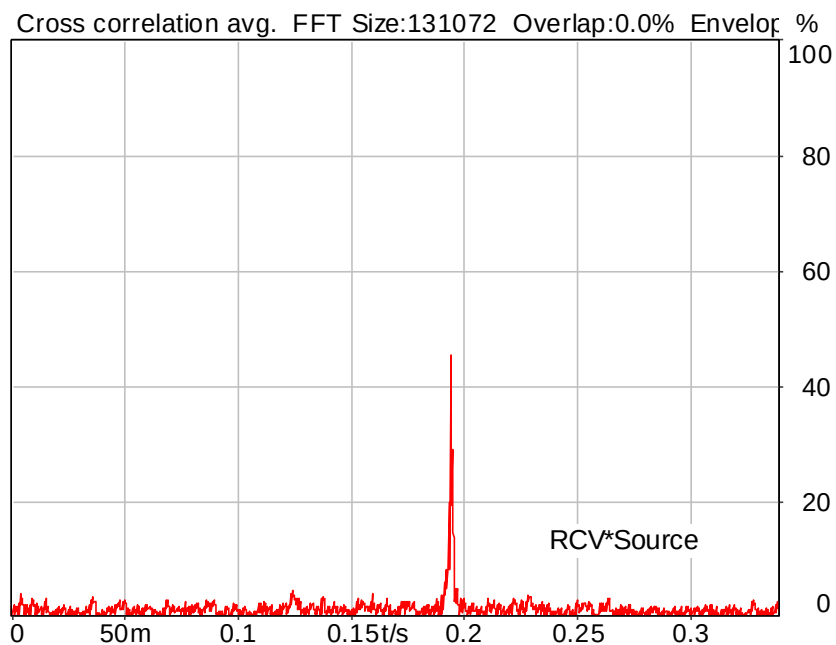
Report No. :HA3N2327-01

5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	42.01
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.76
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	42.43
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.34
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.18
5.3 Frequency Response 8N FF	Ok	Min. dist. to tolerance scheme [dB], 576.7 Hz	0.60
5.3 Frequency Response 2N FF	Ok	Min. dist. to tolerance scheme [dB], 611.7 Hz	2.00



Overall Receive Delay WB

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

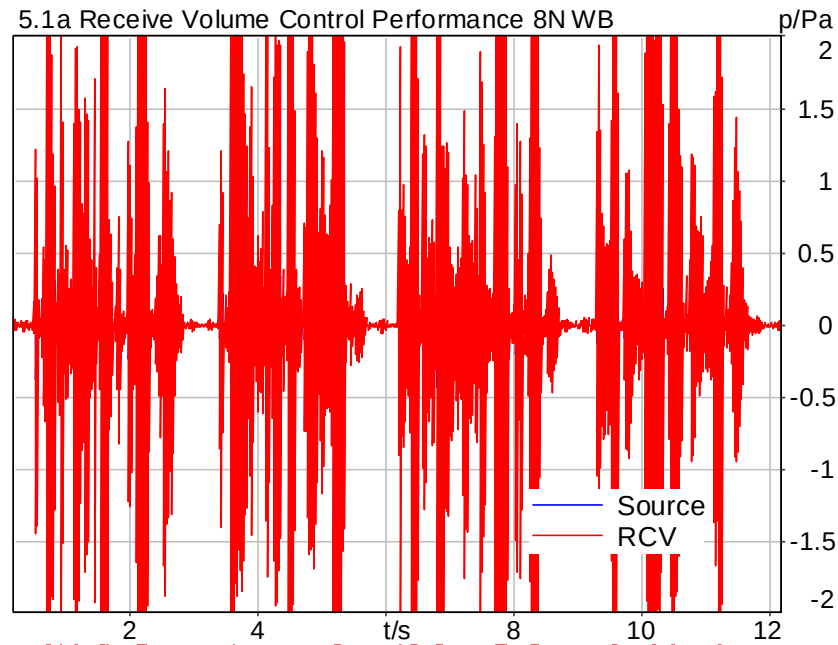


Delay (Cross): 194.0 ms

2024/1/24 下午 01:36 ACQUA 5.1.200

5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 89.10 dB[SPL], Act.: 59.85% Ok

Ok

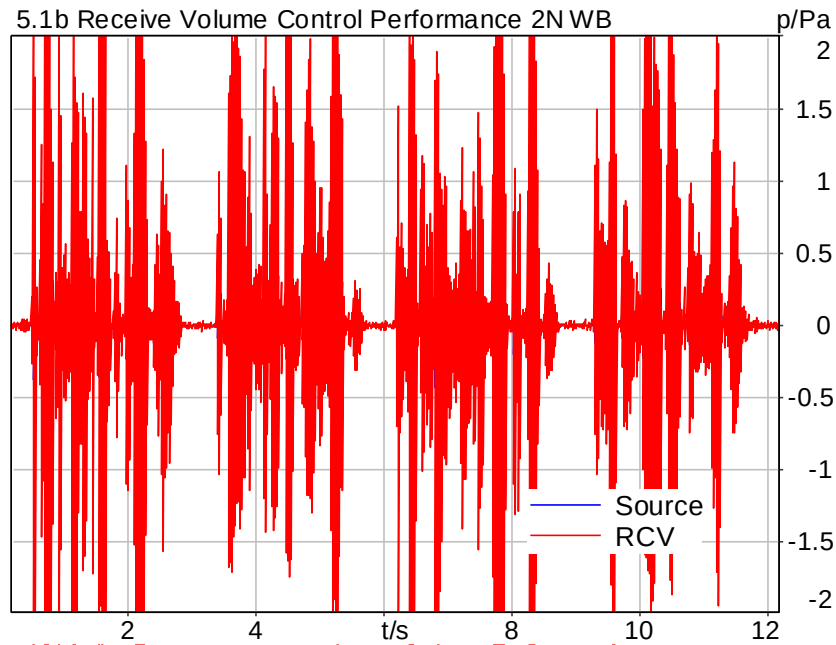
2024/1/24 下午 01:36 ACQUA 5.1.200

Limits

	lower
Run 1	88.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 88.69 dB[SPL], Act.: 47.30% Ok

Ok

2024/1/24 下午 01:45 ACQUA 5.1.200

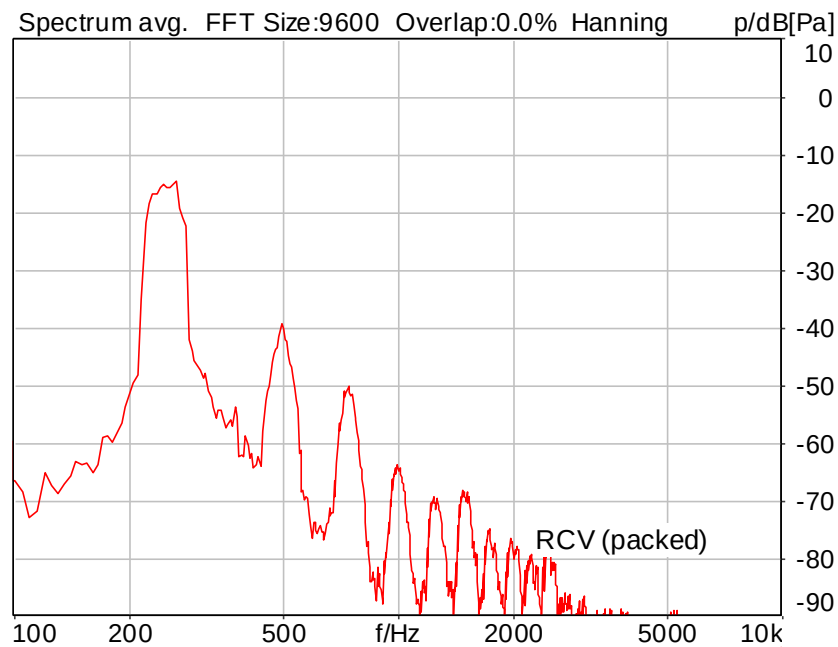
Limits

	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): 27.83 dB (4.06%) Ok

Ok

2024/1/24 下午 01:36 ACQUA 5.1.200

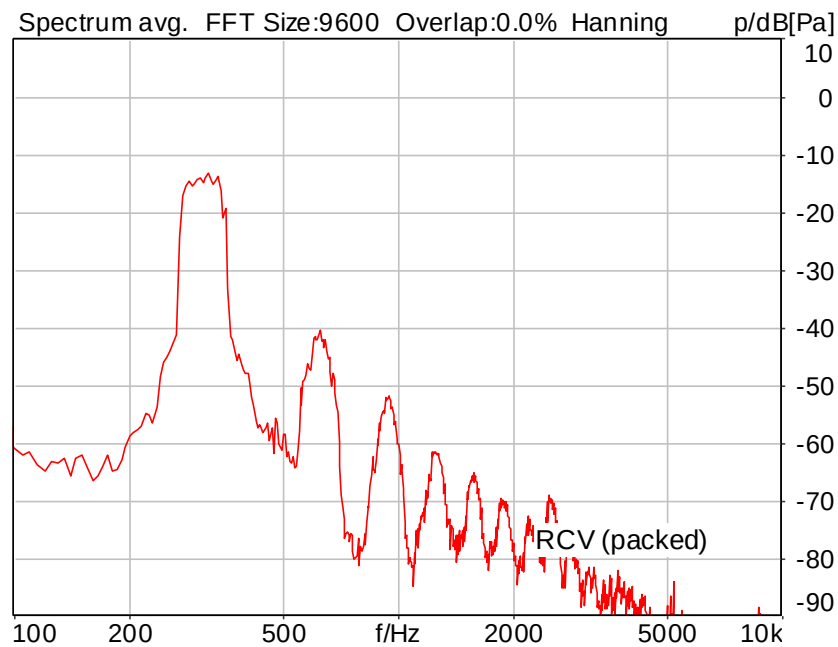
Limits

	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): 28.33 dB (3.83%) Ok

Ok

2024/1/24 下午 01:37 ACQUA 5.1.200

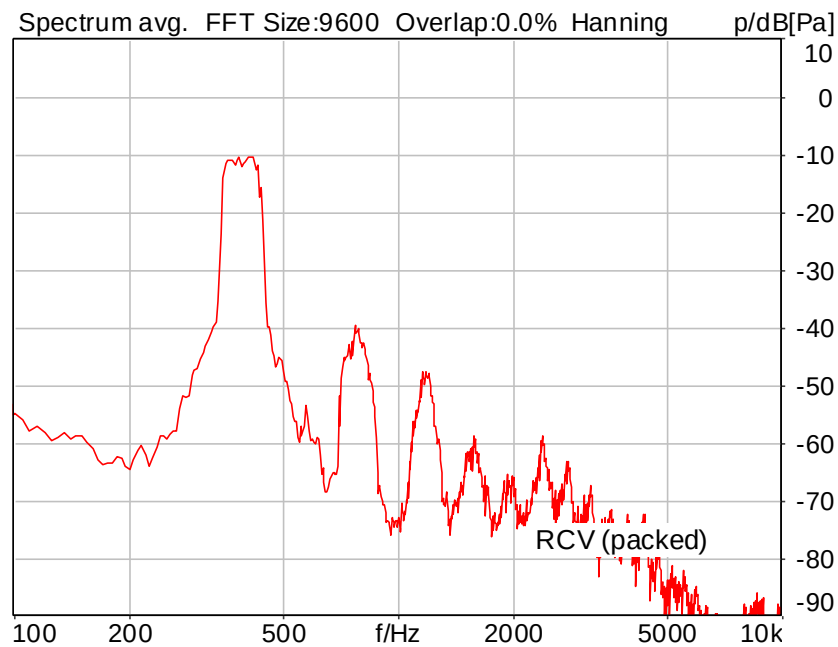
Limits

	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): 29.14 dB (3.49%) Ok

Ok

2024/1/24 下午 01:37 ACQUA 5.1.200

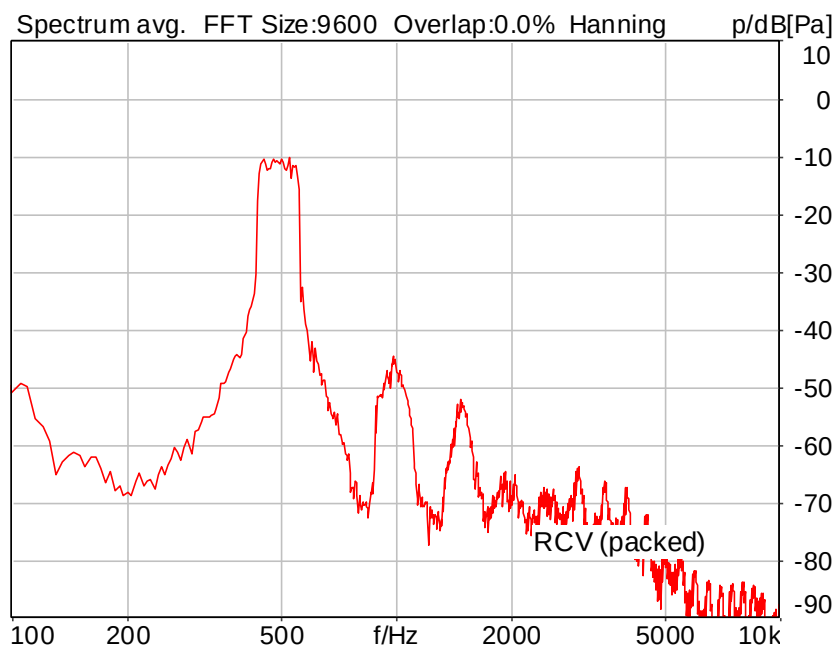
Limits

	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): 31.94 dB (2.53%) Ok

Ok

2024/1/24 下午 01:38 ACQUA 5.1.200

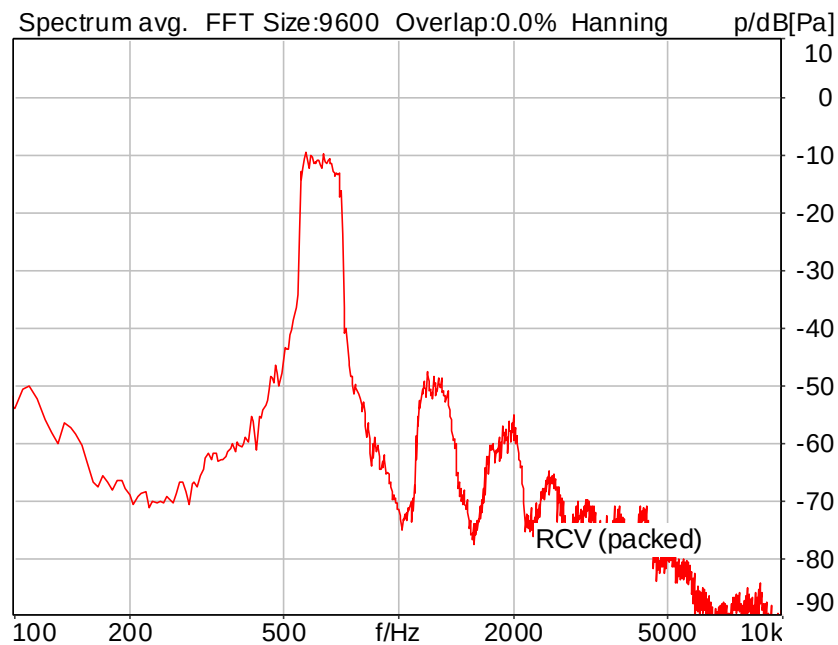
Limits

	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): 33.74 dB (2.06%) Ok

Ok

2024/1/24 下午 01:38 ACQUA 5.1.200

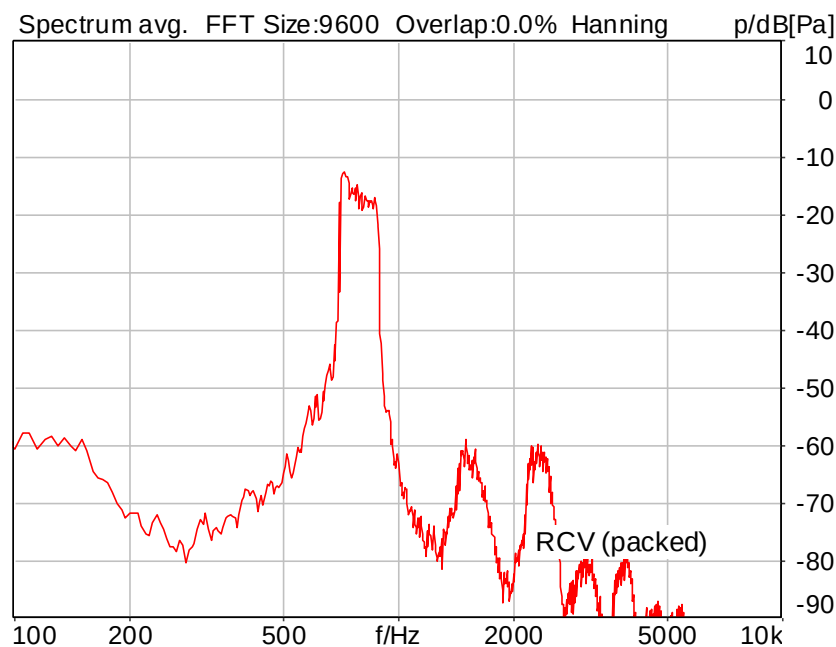
Limits

	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): 35.81 dB (1.62%) Ok

Ok

2024/1/24 下午 01:39 ACQUA 5.1.200

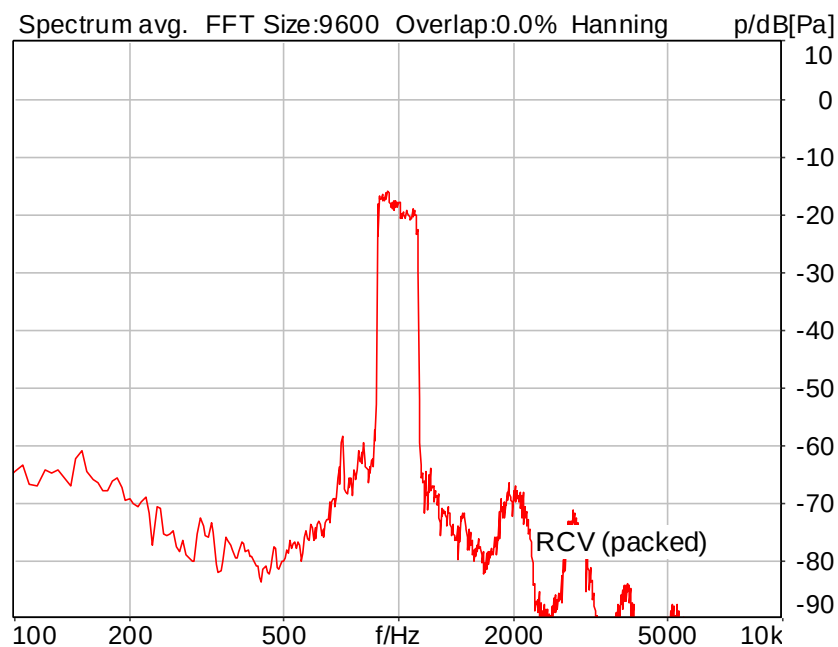
Limits

	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): 42.62 dB (0.74%) Ok

Ok

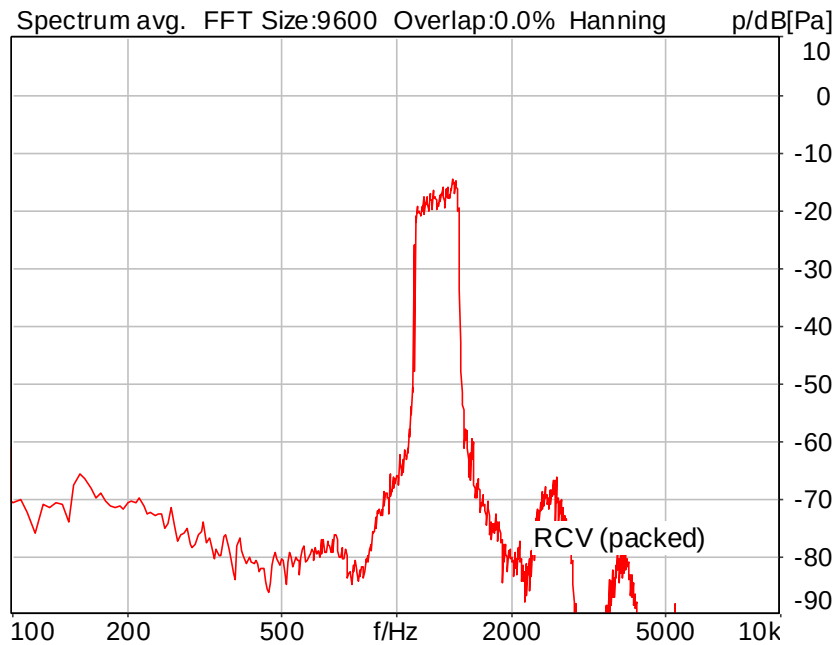
2024/1/24 下午 01:39 ACQUA 5.1.200

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): 31.94 dB (2.53%) Ok

Ok

2024/1/24 下午 01:40 ACQUA 5.1.200

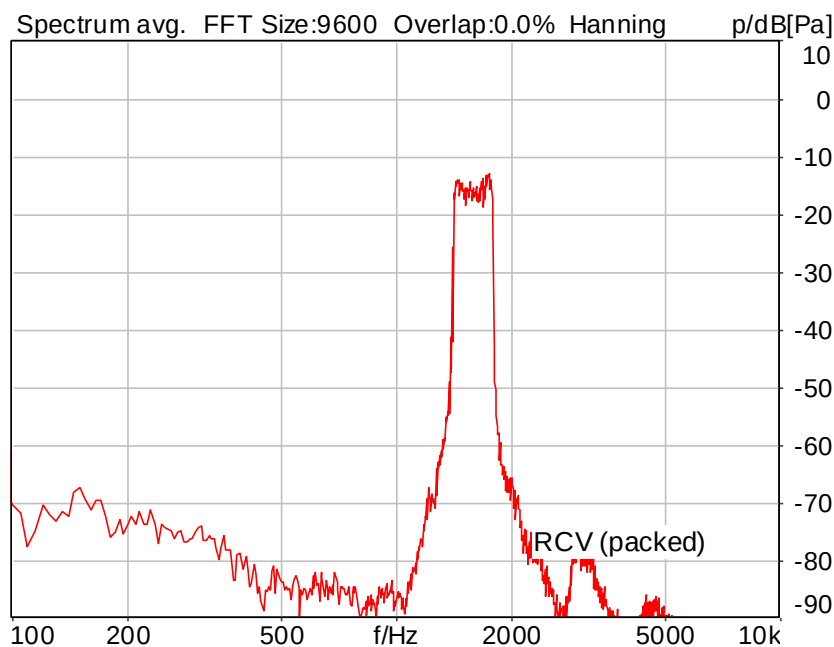
Limits

	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): 44.80 dB (0.58%) Ok

Ok

2024/1/24 下午 01:40 ACQUA 5.1.200

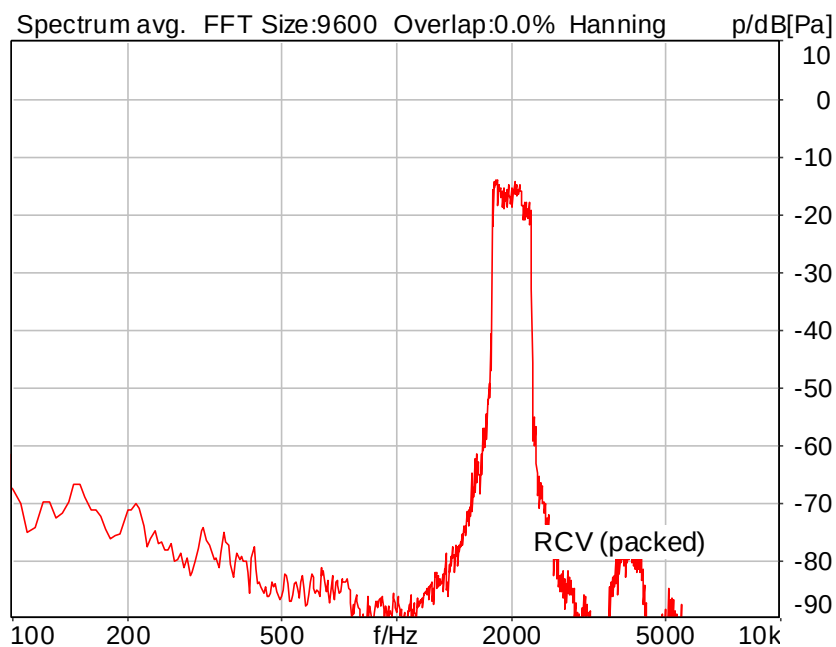
Limits

	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): 43.66 dB (0.66%) Ok

Ok

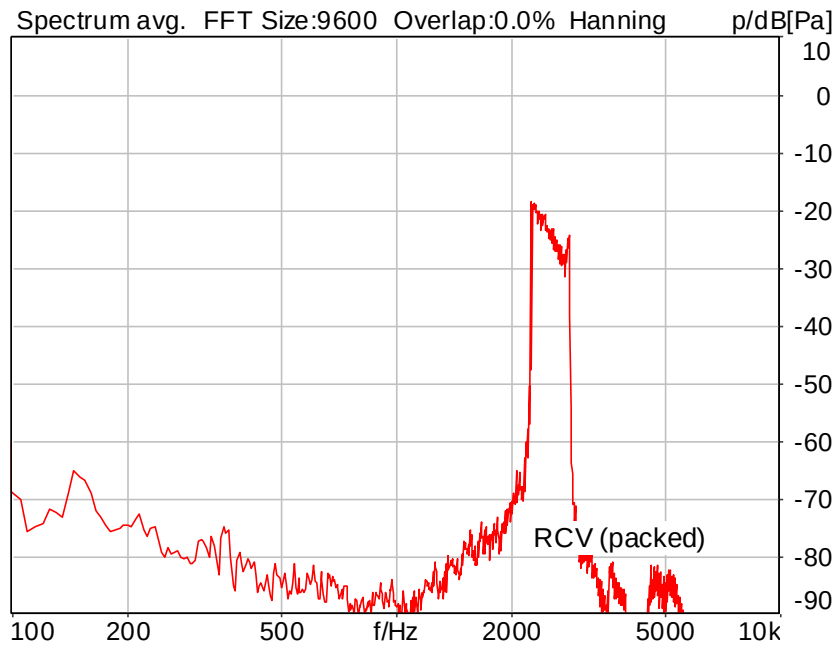
2024/1/24 下午 01:41 ACQUA 5.1.200

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): 44.03 dB (0.63%) Ok

Ok

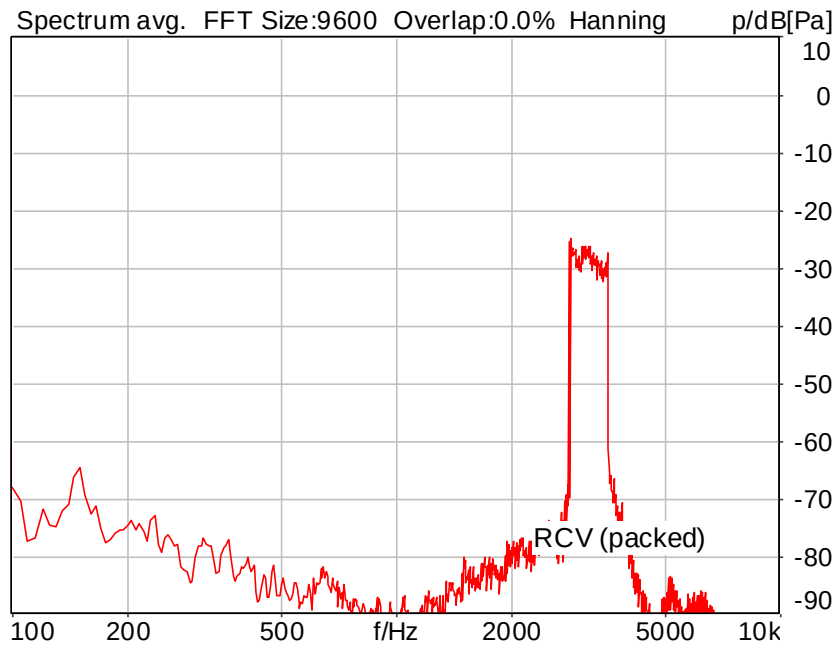
2024/1/24 下午 01:41 ACQUA 5.1.200

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): 41.68 dB (0.82%) Ok

Ok

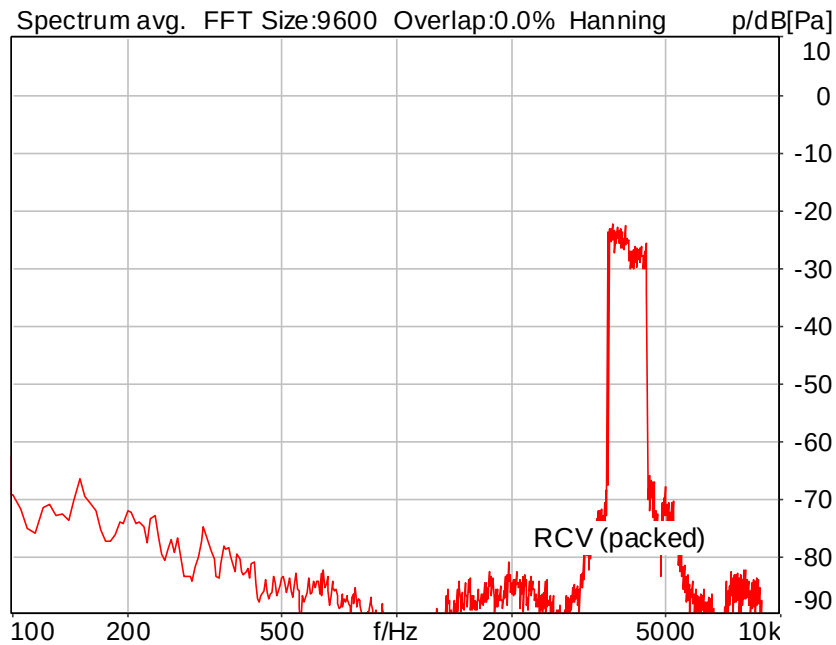
2024/1/24 下午 01:42 ACQUA 5.1.200

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): 43.99 dB (0.63%) Ok

Ok

2024/1/24 下午 01:42 ACQUA 5.1.200

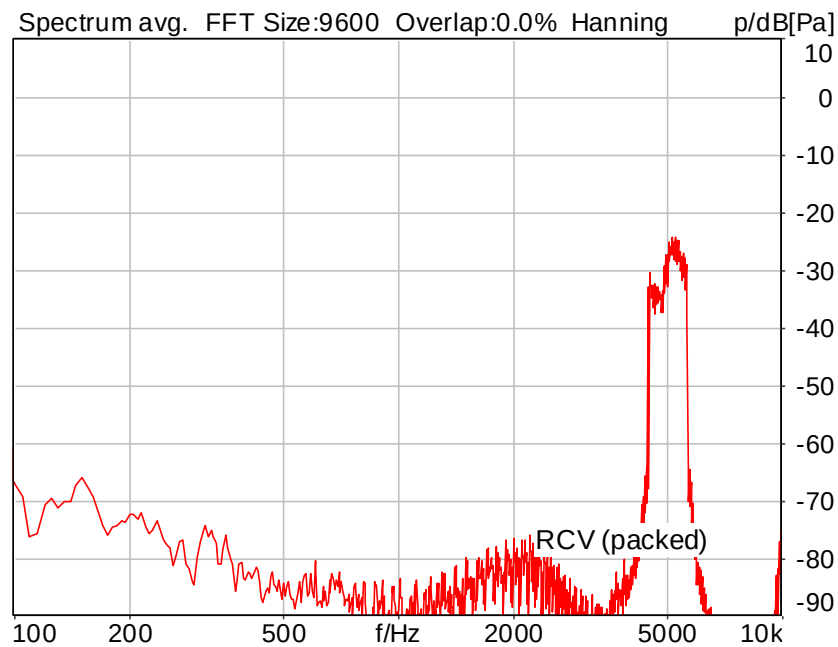
Limits

	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): 42.90 dB (0.72%) Ok

Ok

2024/1/24 下午 01:43 ACQUA 5.1.200

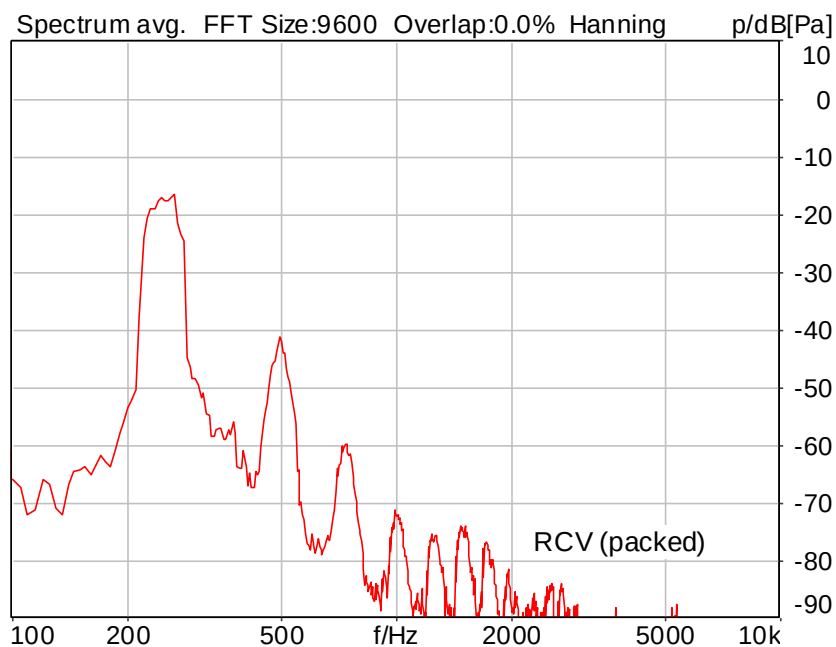
Limits

	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): 28.48 dB (3.77%) Ok

Ok

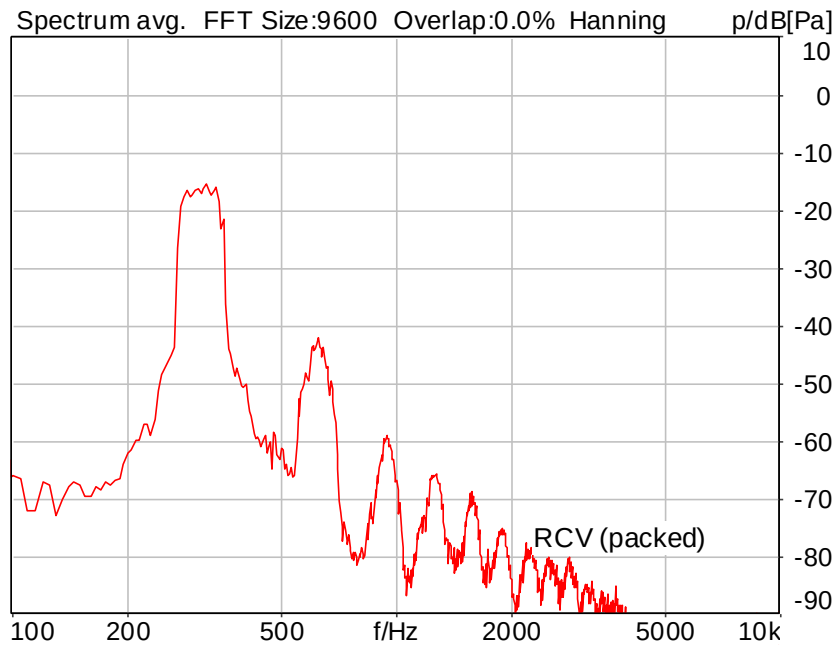
2024/1/24 下午 01:45 ACQUA 5.1.200

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): 28.44 dB (3.79%) Ok

Ok

2024/1/24 下午 01:46 ACQUA 5.1.200

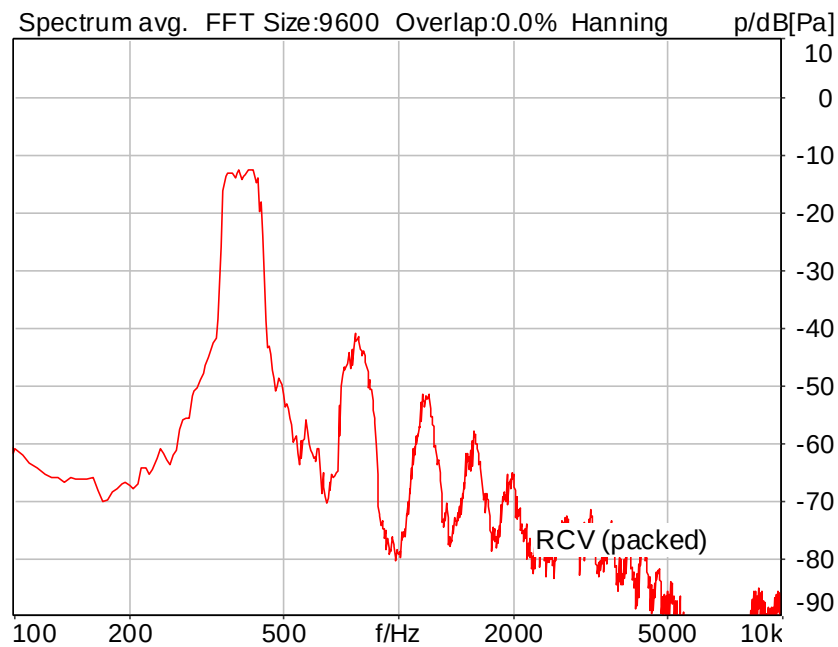
Limits

	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): 28.93 dB (3.58%) Ok

Ok

2024/1/24 下午 01:46 ACQUA 5.1.200

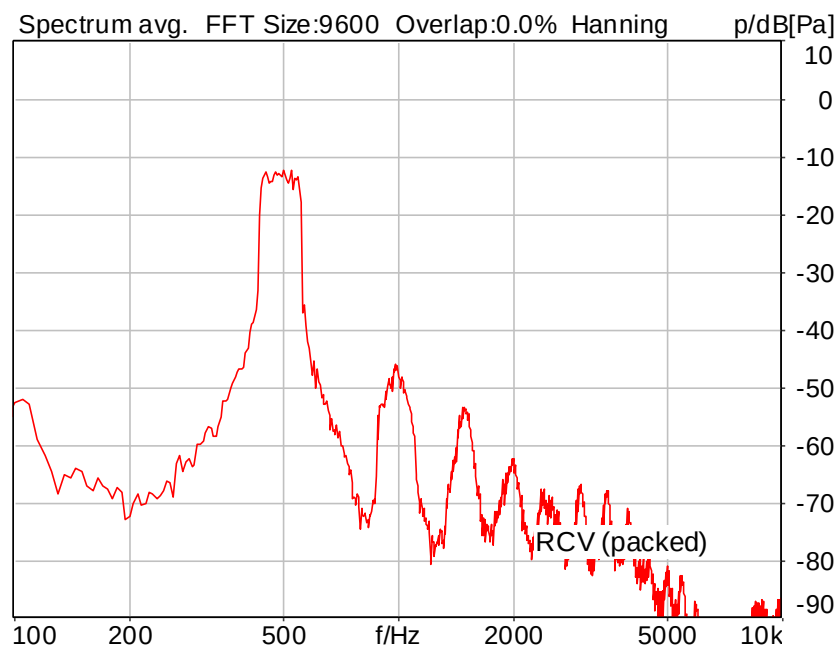
Limits

	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): 31.40 dB (2.69%) Ok

Ok

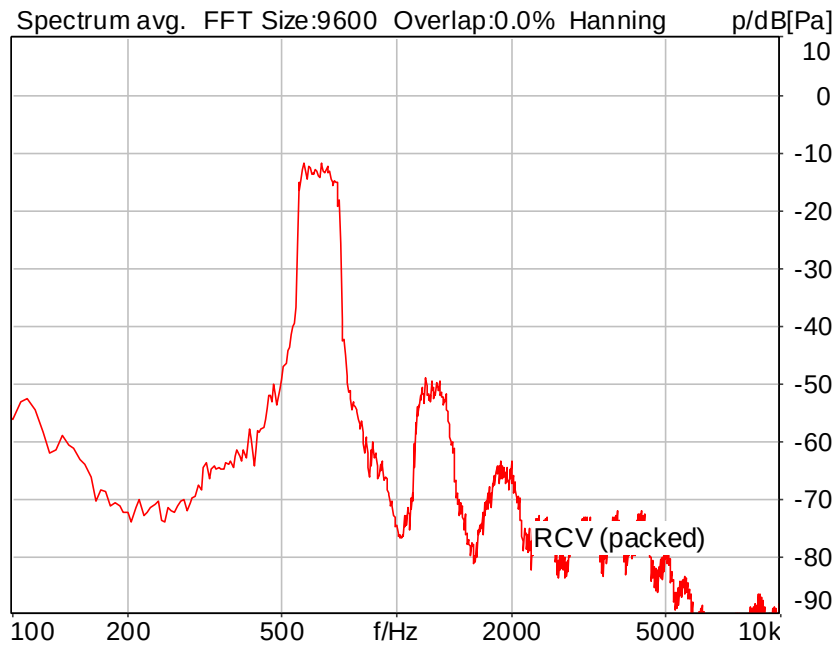
2024/1/24 下午 01:47 ACQUA 5.1.200

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): 33.85 dB (2.03%) Ok

Ok

2024/1/24 下午 01:47 ACQUA 5.1.200

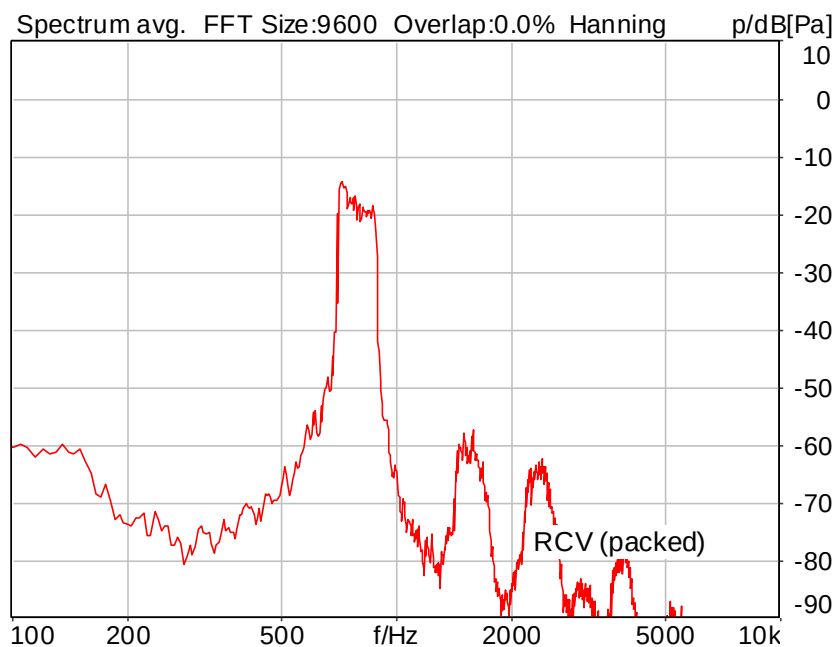
Limits

	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): 35.59 dB (1.66%) Ok

Ok

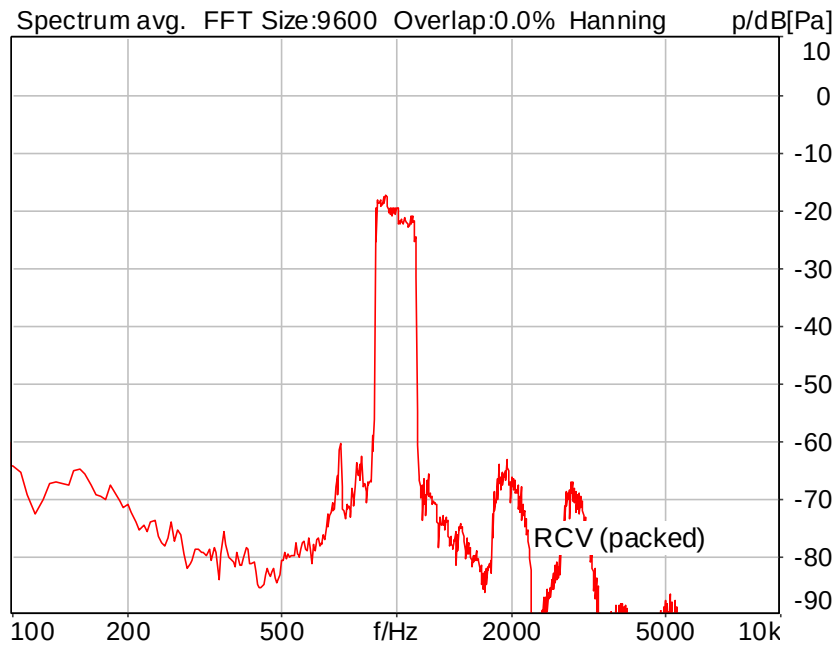
2024/1/24 下午 01:48 ACQUA 5.1.200

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): 40.37 dB (0.96%) Ok

Ok

2024/1/24 下午 01:48 ACQUA 5.1.200

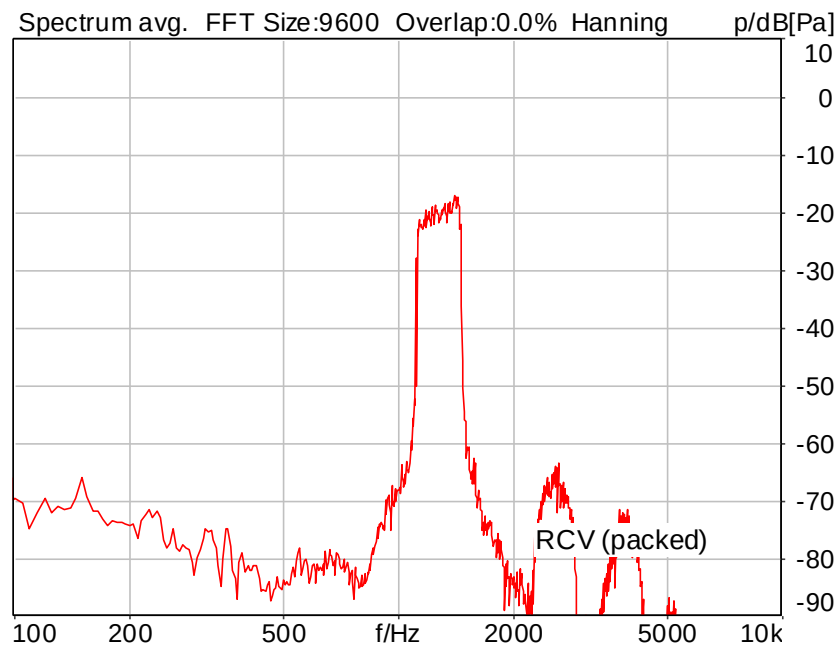
Limits

	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): 32.07 dB (2.49%) Ok

Ok

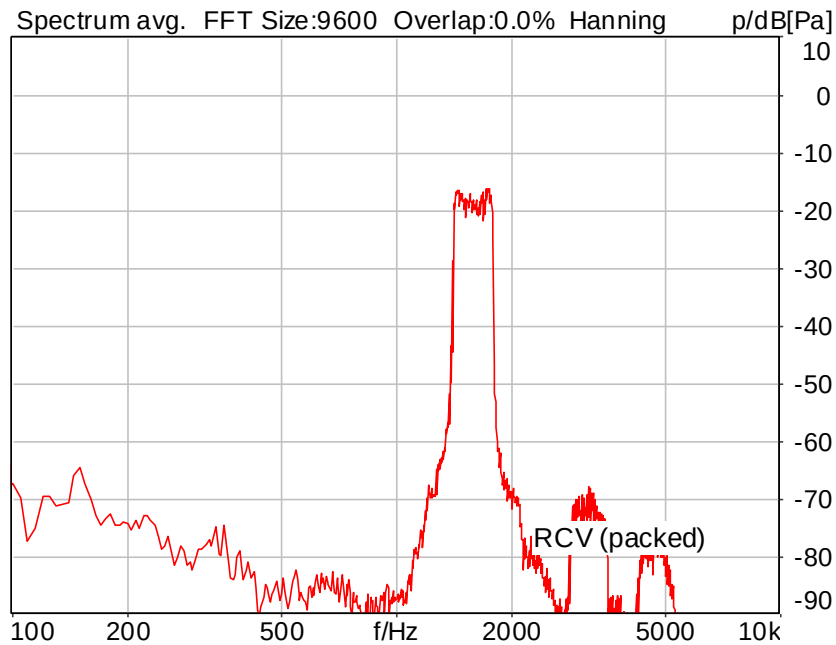
2024/1/24 下午 01:49 ACQUA 5.1.200

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): 43.06 dB (0.70%) Ok

Ok

2024/1/24 下午 01:49 ACQUA 5.1.200

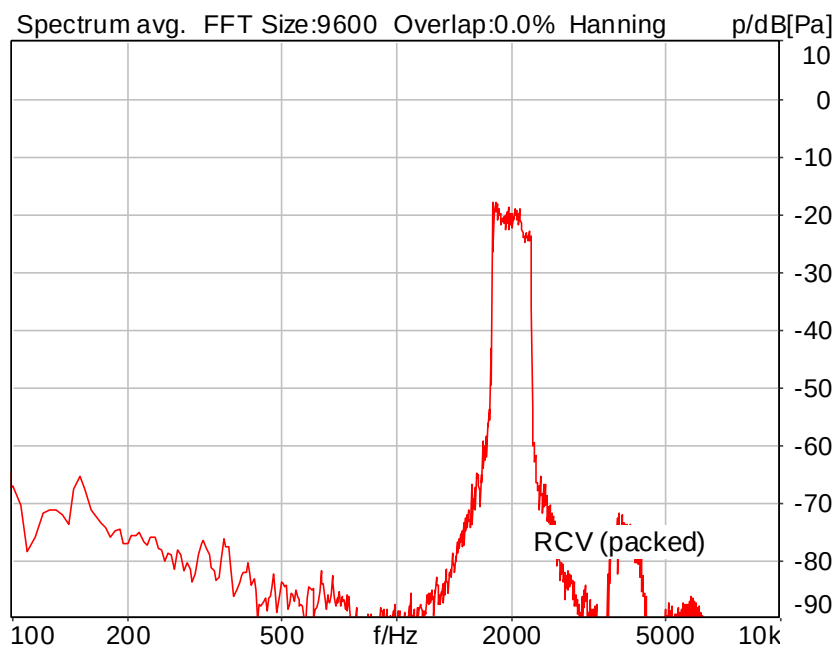
Limits

	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): 42.01 dB (0.79%) Ok

Ok

2024/1/24 下午 01:49 ACQUA 5.1.200

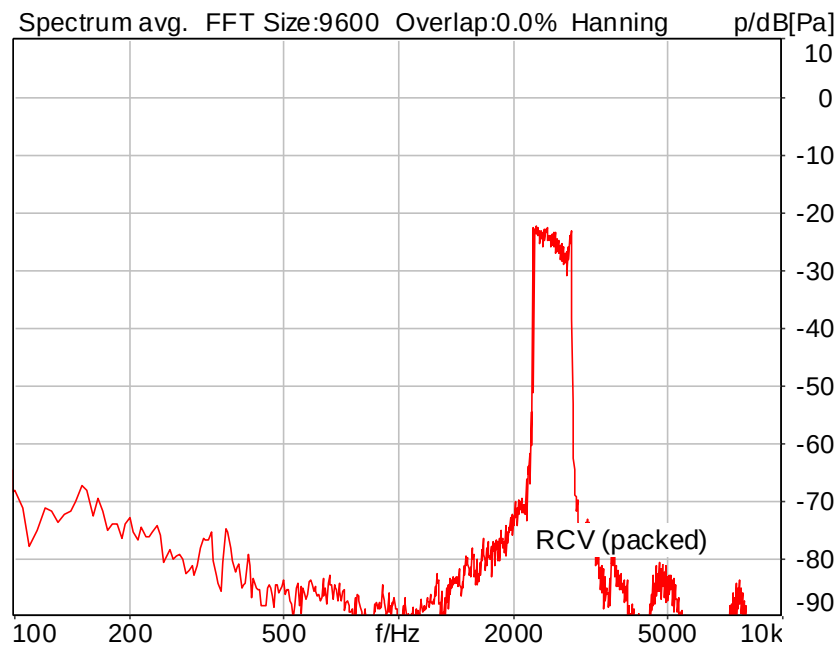
Limits

	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): 43.76 dB (0.65%) Ok

Ok

2024/1/24 下午 01:50 ACQUA 5.1.200

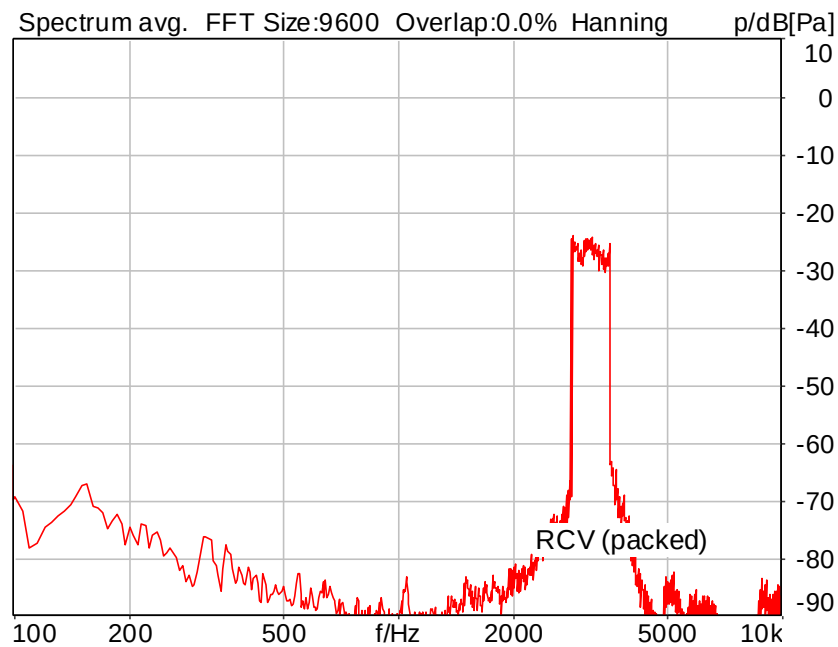
Limits

	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): 42.43 dB (0.76%) Ok

Ok

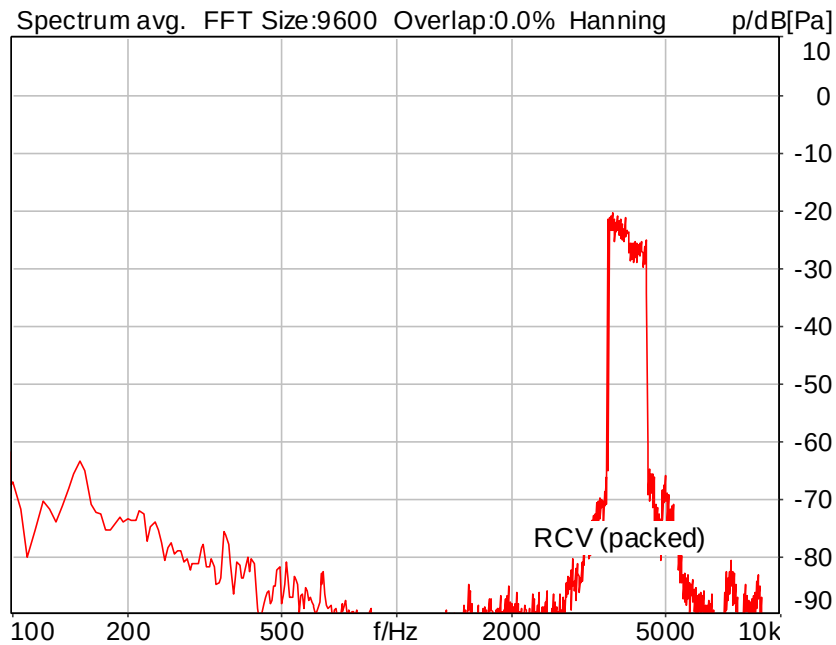
2024/1/24 下午 01:50 ACQUA 5.1.200

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): 44.34 dB (0.61%) Ok

Ok

2024/1/24 下午 01:51 ACQUA 5.1.200

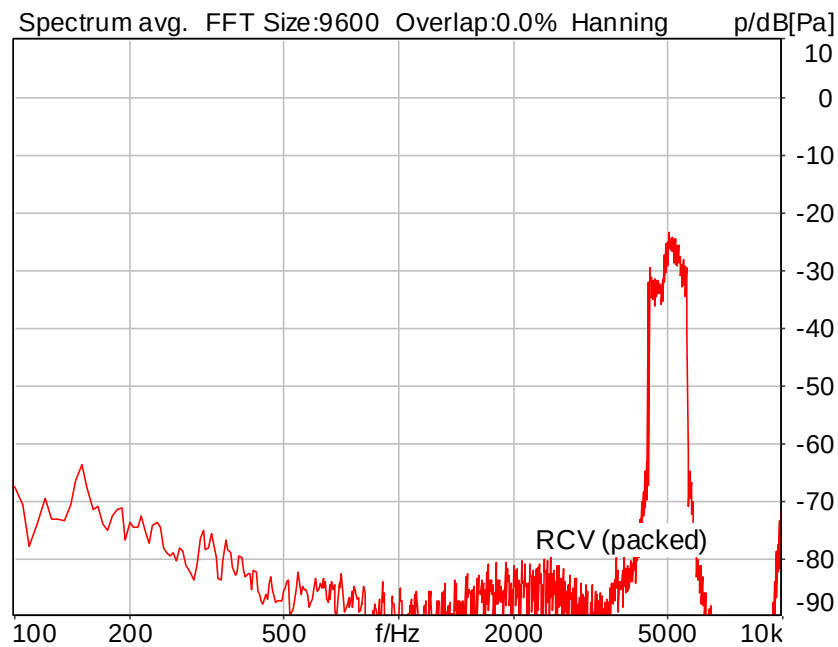
Limits

	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): 43.18 dB (0.69%) Ok

Ok

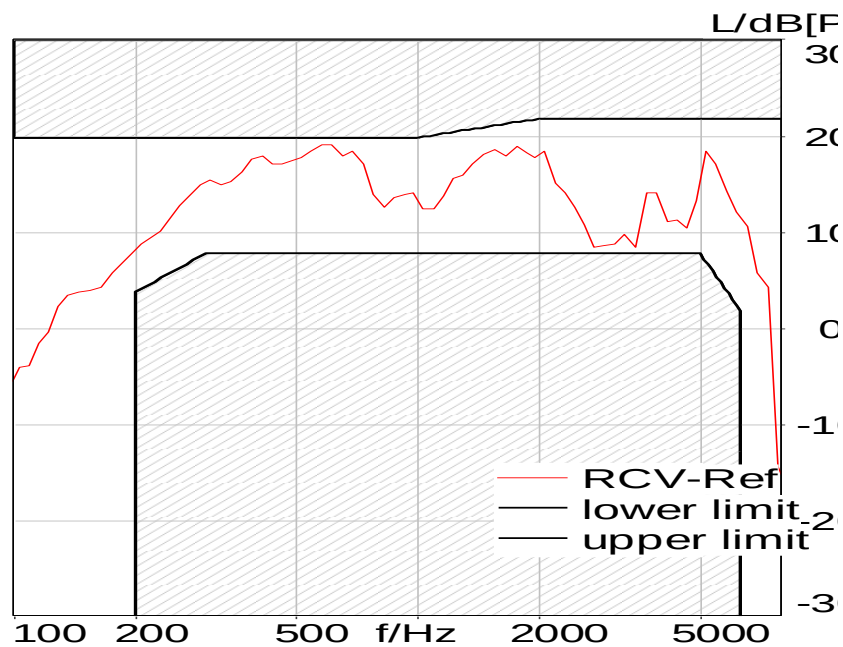
2024/1/24 下午 01:51 ACQUA 5.1.200

Limits

	lower
Run 1	20.00 dB

5.3 Frequency Response 8N FF

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



Absolute minimal distance

0.60 dB at 576.7 Hz Ok

Ok

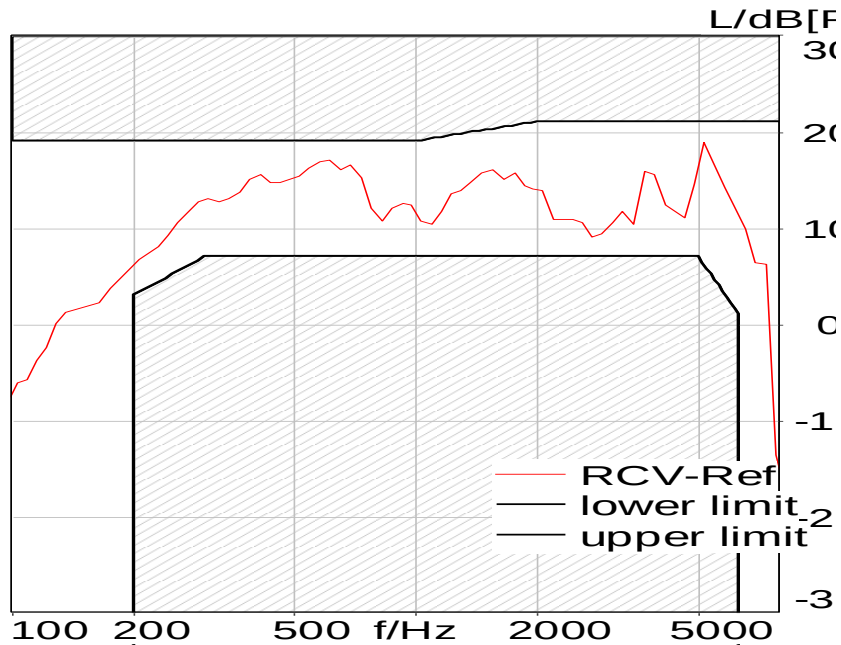
2024/1/24 下午 01:43 ACQUA 5.1.200

Limits

	lower
Run 1	Fit into tolerance

5.3 Frequency Response 2N FF

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



Absolute minimal distance

2.00 dB at 611.7 Hz Ok

Ok

2024/1/24 下午 01:52 ACQUA 5.1.200

Limits

	lower
Run 1	Fit into tolerance

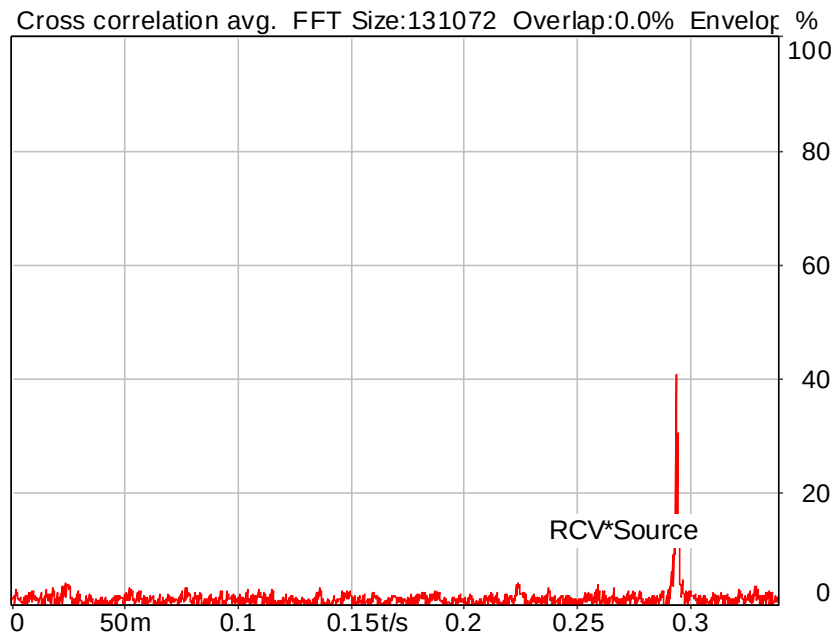
#3 WiFi 5GHz EVS NB 24.4Kbps

SMD	Status	Single Value Description	Single Value
Overall Receive Delay NB	Done	Delay (Cross) [ms]	294.0
5.1a Receive Volume Control Performance 8N NB	Ok	Speech Level [dB[SPL]]	88.50
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	88.74
5.2 RCV Distortion and Noise - 400 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	28.66
5.2 RCV Distortion and Noise - 500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	32.98
5.2 RCV Distortion and Noise - 630 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	32.21
5.2 RCV Distortion and Noise - 800 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	26.90
5.2 RCV Distortion and Noise - 1000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	30.00
5.2 RCV Distortion and Noise - 1250 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	21.72
5.2 RCV Distortion and Noise - 1600 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	30.24
5.2 RCV Distortion and Noise - 2000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	34.87
5.2 RCV Distortion and Noise - 2500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	36.08
5.2 RCV Distortion and Noise - 3150 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	35.59
5.2 RCV Distortion and Noise - 400 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	30.55
5.2 RCV Distortion and Noise - 500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	31.66
5.2 RCV Distortion and Noise - 630 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	33.52
5.2 RCV Distortion and Noise - 800 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	28.13
5.2 RCV Distortion and Noise - 1000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	31.30
5.2 RCV Distortion and Noise - 1250 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	20.76
5.2 RCV Distortion and Noise - 1600 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	33.92
5.2 RCV Distortion and Noise - 2000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	31.81
5.2 RCV Distortion and Noise - 2500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	39.22
5.2 RCV Distortion and Noise - 3150 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	34.43
5.3 Frequency Response 8N DF HANB	Ok	Min. dist. to tolerance scheme [dB], 2057.5 Hz	0.61
5.3 Frequency Response 2N DF HANB	Ok	Min. dist. to tolerance scheme [dB], 3245.6 Hz	2.63



Overall Receive Delay NB

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

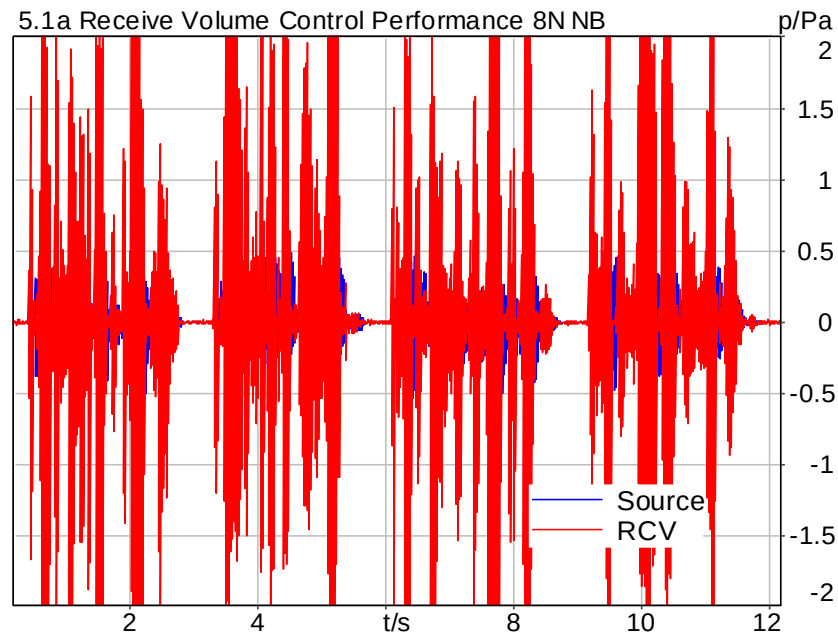


Delay (Cross): 294.0 ms

2024/2/5 下午 10:56 ACQUA 5.1.200

5.1a Receive Volume Control Performance 8N NB

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



Speech Level RCV: 88.50 dB[SPL], Act.: 55.84% Ok

Ok

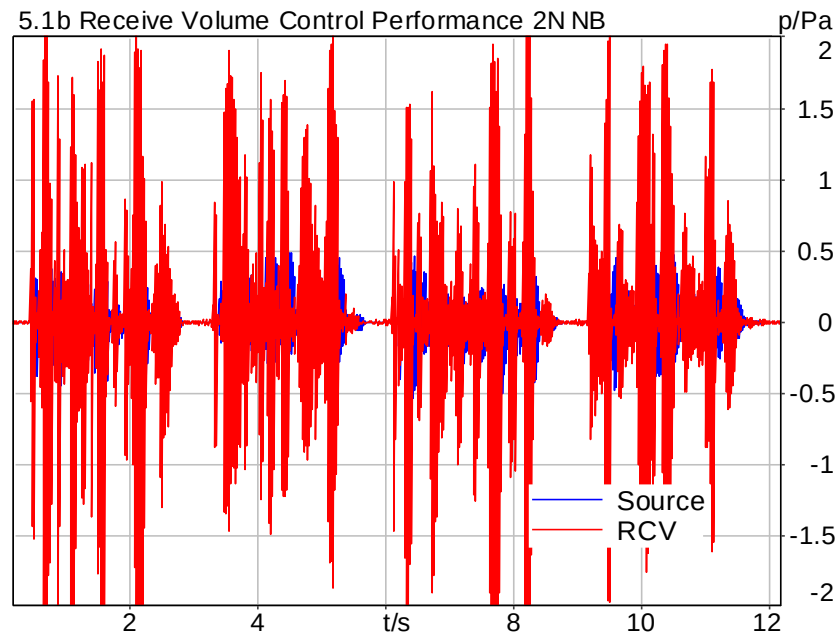
2024/1/24 上午 02:38 ACQUA 5.1.200

Limits

	lower
Run 1	88.00 dB20uPa

5.1b Receive Volume Control Performance 2N NB

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



Speech Level RCV: 88.74 dB[SPL], Act.: 27.18% Ok

Ok

2024/1/24 上午 02:46 ACQUA 5.1.200

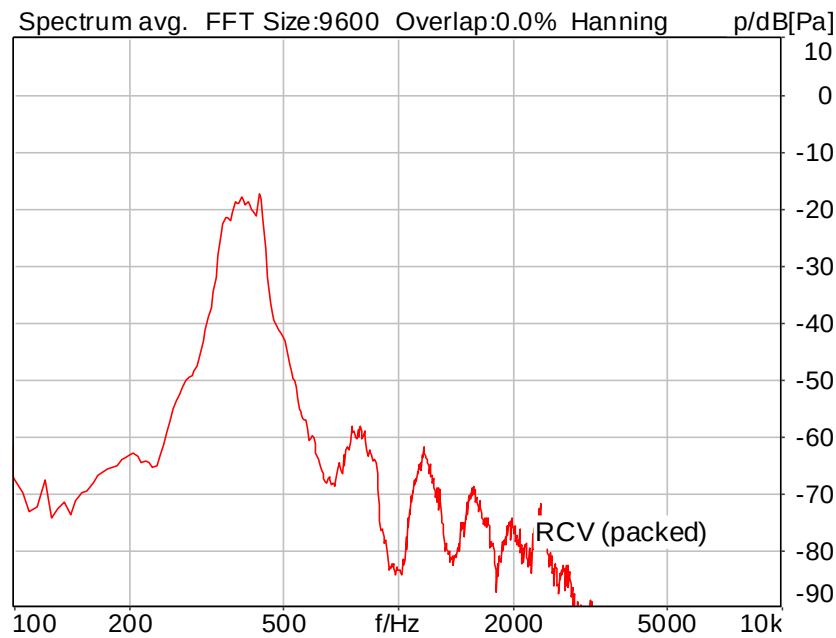
Limits

	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): 28.66 dB (3.69%) Ok

Ok

2024/1/24 上午 02:38 ACQUA 5.1.200

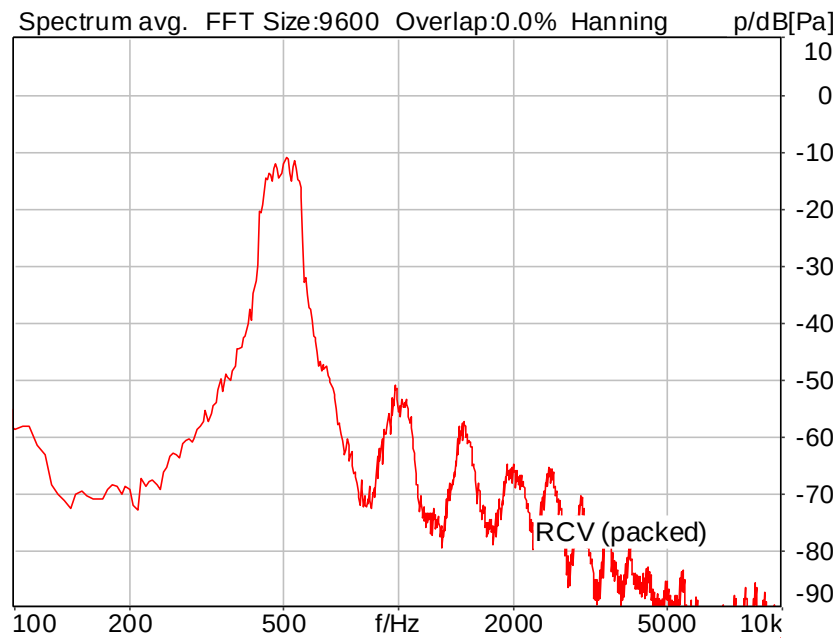
Limits

	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): 32.98 dB (2.25%) Ok

Ok

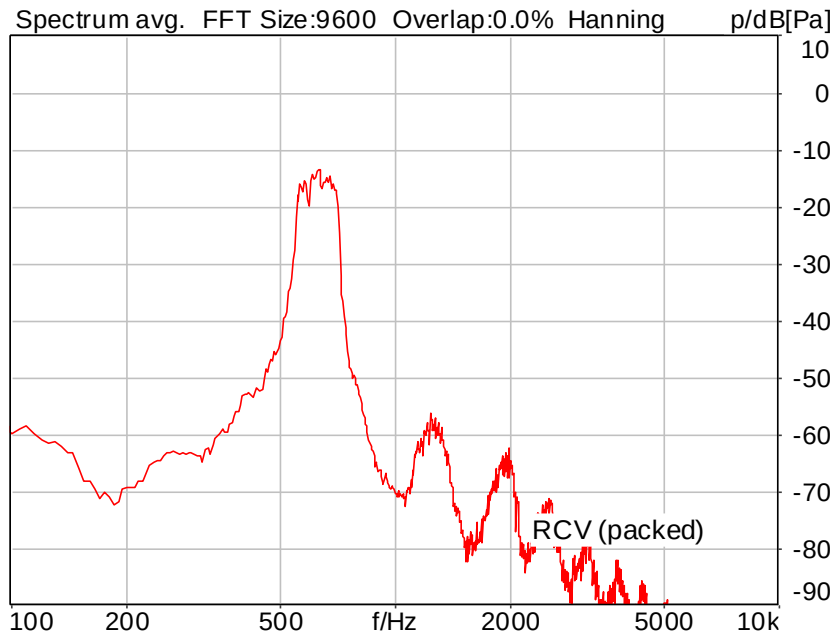
2024/1/24 上午 02:39 ACQUA 5.1.200

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): 32.21 dB (2.45%) Ok

Ok

2024/1/24 上午 02:39 ACQUA 5.1.200

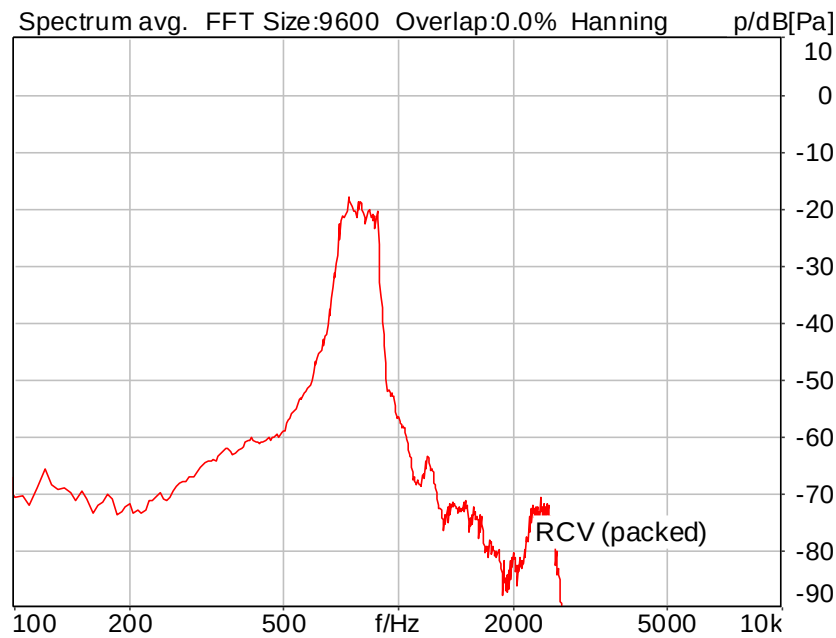
Limits

	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): 26.90 dB (4.52%) Ok

Ok

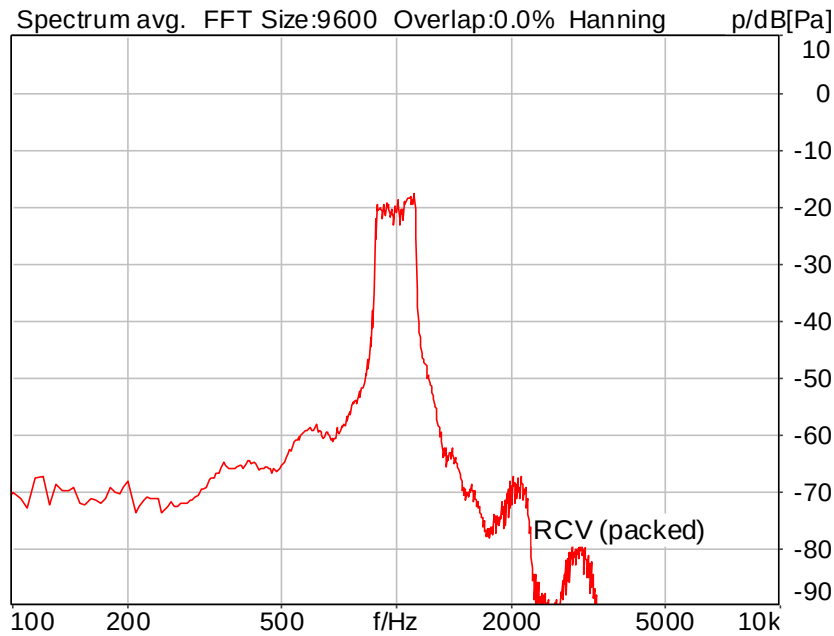
2024/1/24 上午 02:40 ACQUA 5.1.200

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): 30.00 dB (3.16%) Ok

Ok

2024/1/24 上午 02:40 ACQUA 5.1.200

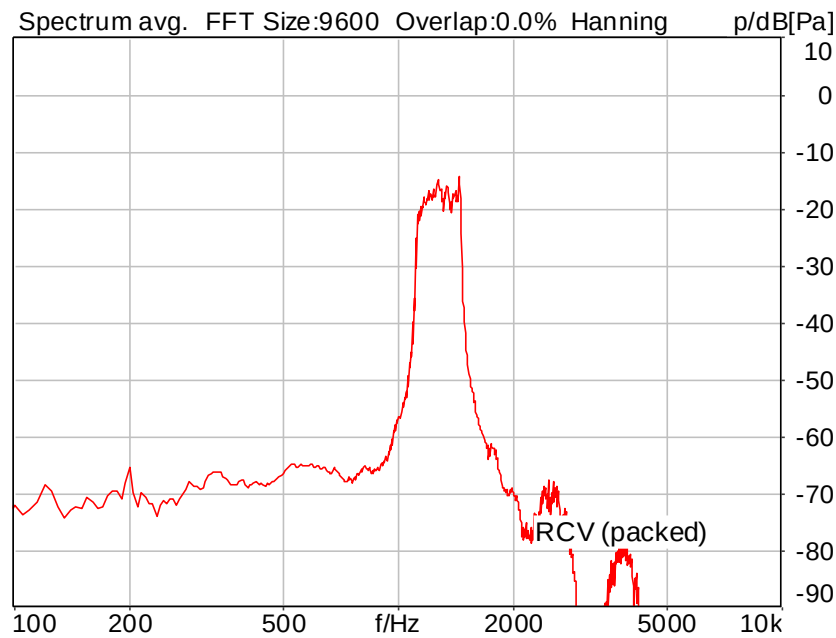
Limits

	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): 21.72 dB (8.20%) Ok

Ok

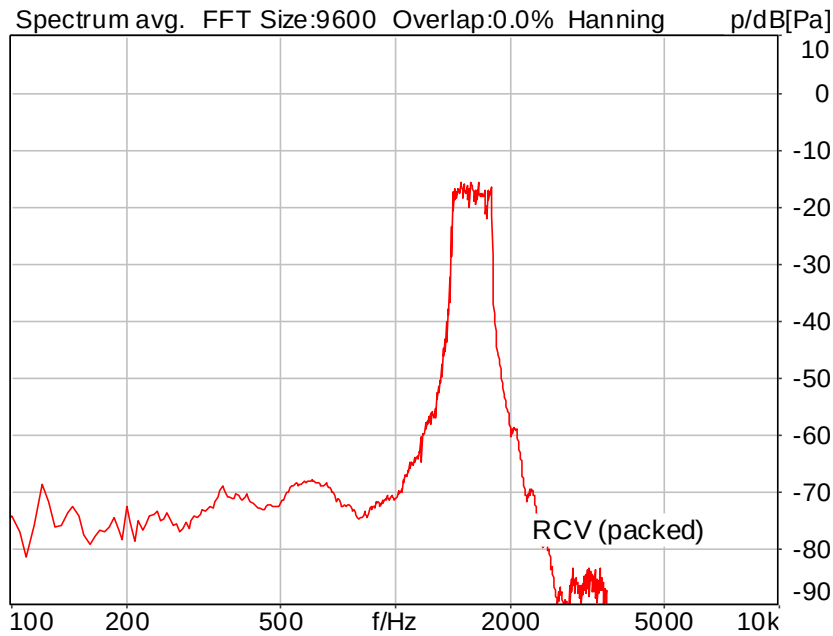
2024/1/24 上午 02:41 ACQUA 5.1.200

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): 30.24 dB (3.08%) Ok

Ok

2024/1/24 上午 02:41 ACQUA 5.1.200

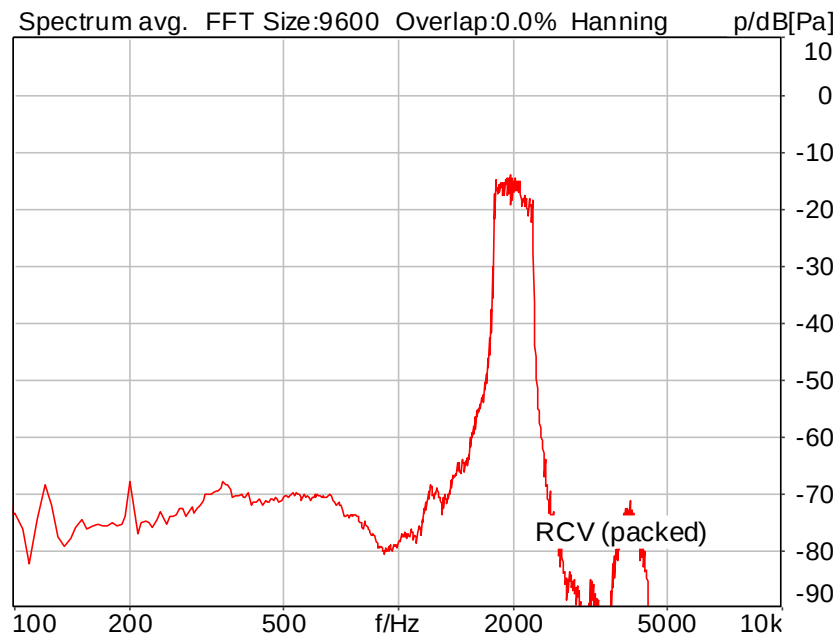
Limits

	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): 34.87 dB (1.80%) Ok

Ok

2024/1/24 上午 02:42 ACQUA 5.1.200

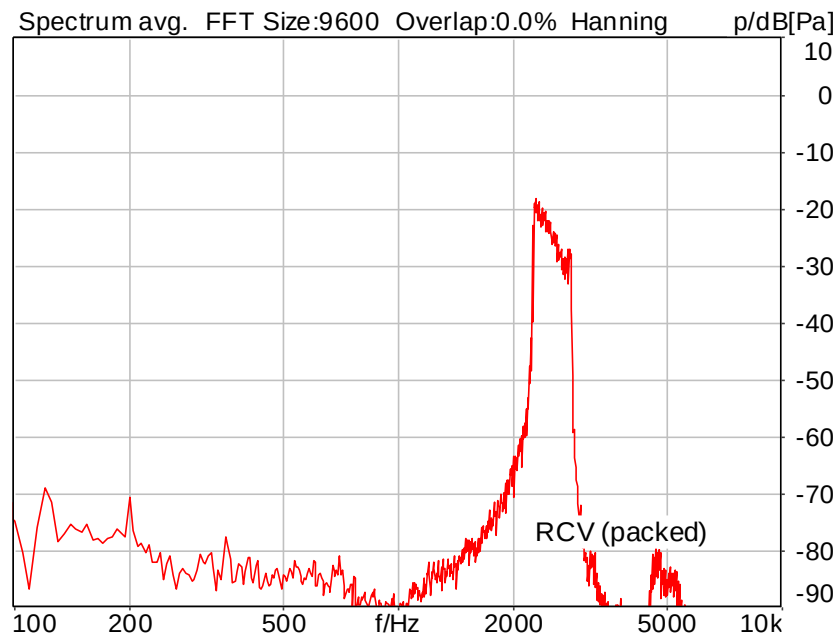
Limits

	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): 36.08 dB (1.57%) Ok

Ok

2024/1/24 上午 02:42 ACQUA 5.1.200

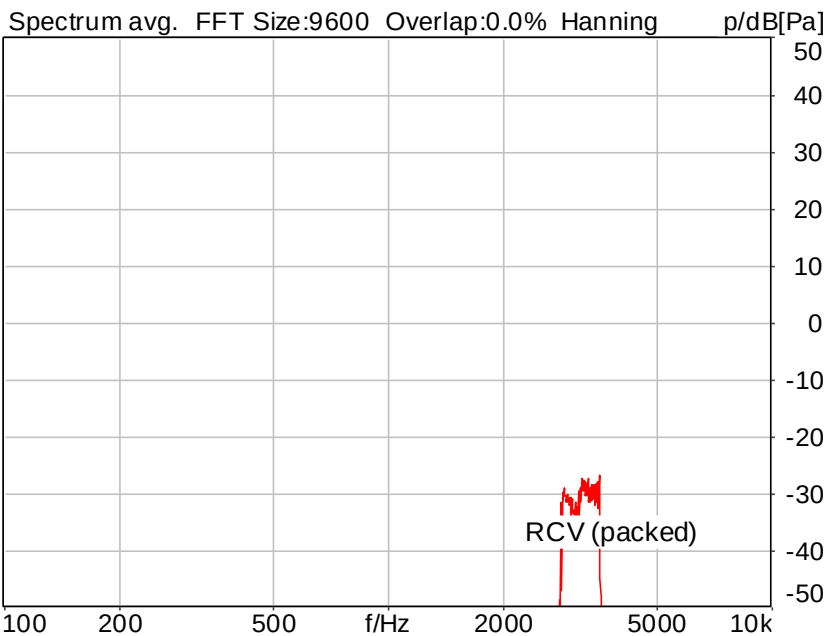
Limits

	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): 35.59 dB (1.66%) Ok

Ok

2024/1/24 上午 02:43 ACQUA 5.1.200

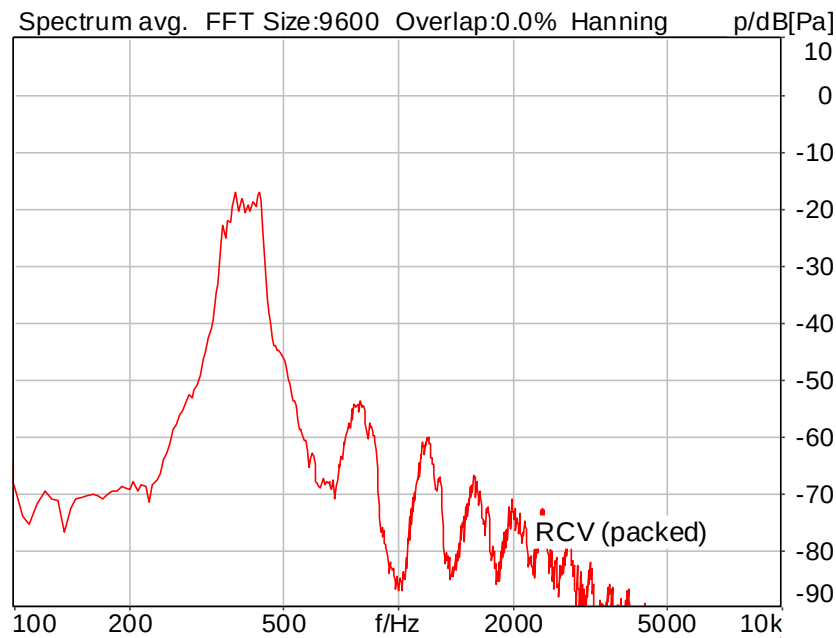
Limits

	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): 30.55 dB (2.97%) Ok

Ok

2024/1/24 上午 02:46 ACQUA 5.1.200

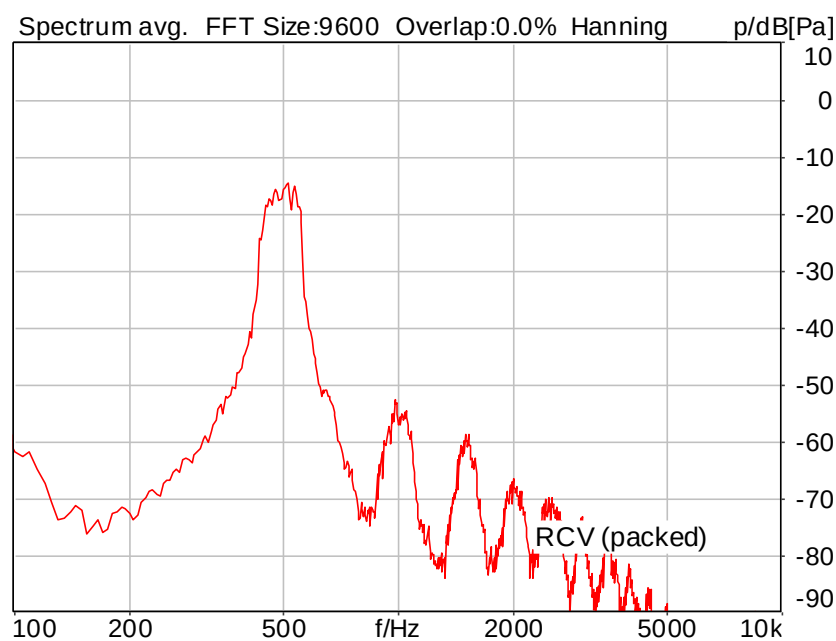
Limits

	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): 31.66 dB (2.61%) Ok

Ok

2024/1/24 上午 02:47 ACQUA 5.1.200

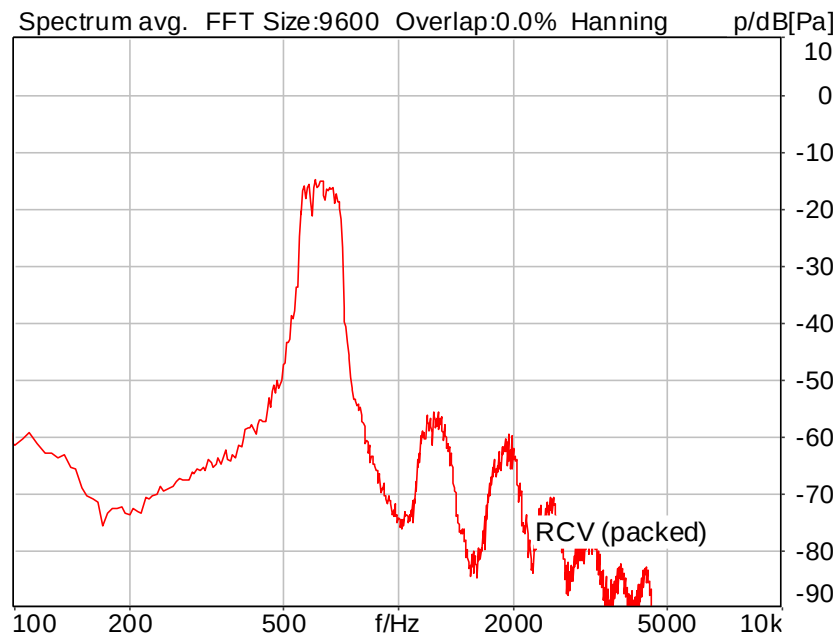
Limits

	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): 33.52 dB (2.11%) Ok

Ok

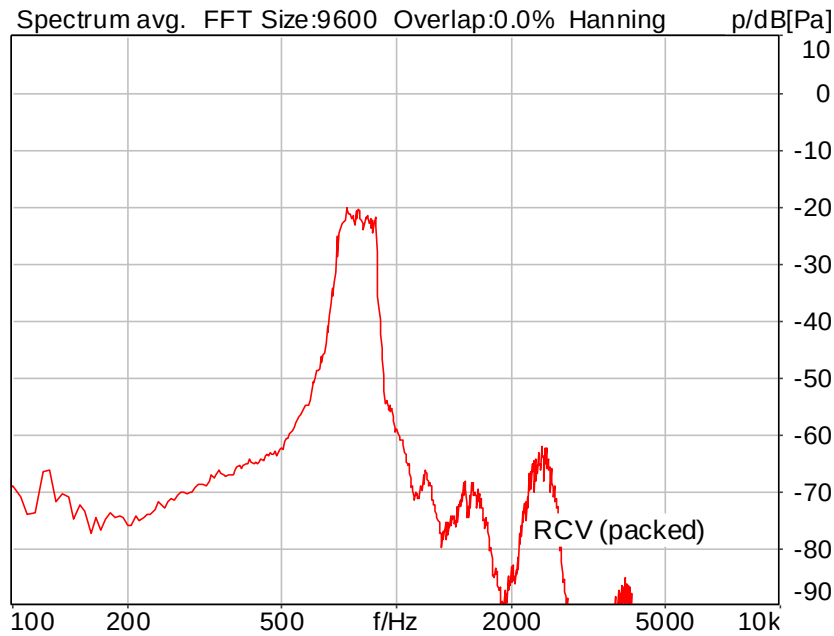
2024/1/24 上午 02:47 ACQUA 5.1.200

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): 28.13 dB (3.92%) Ok

Ok

2024/1/24 上午 02:48 ACQUA 5.1.200

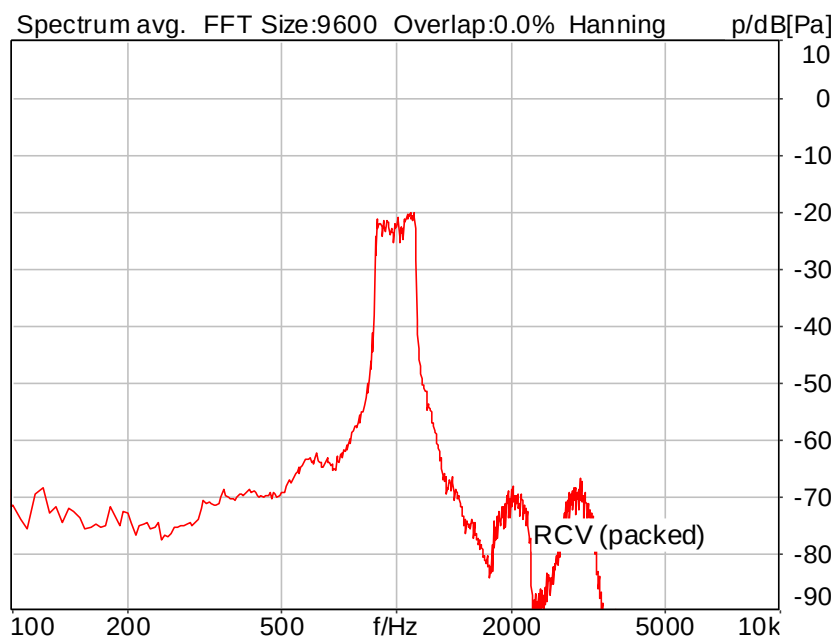
Limits

	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): 31.30 dB (2.72%) Ok

Ok

2024/1/24 上午 02:48 ACQUA 5.1.200

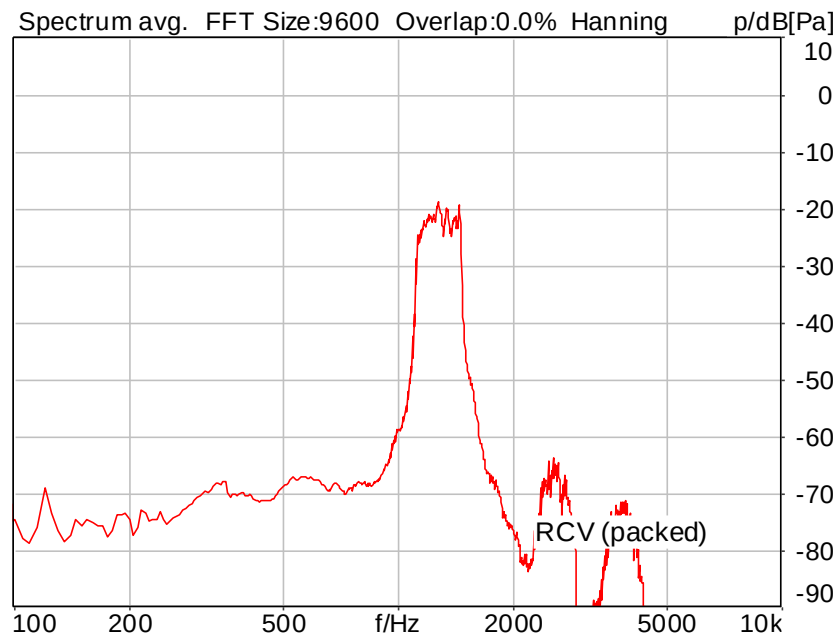
Limits

	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): 20.76 dB (9.17%) Ok

Ok

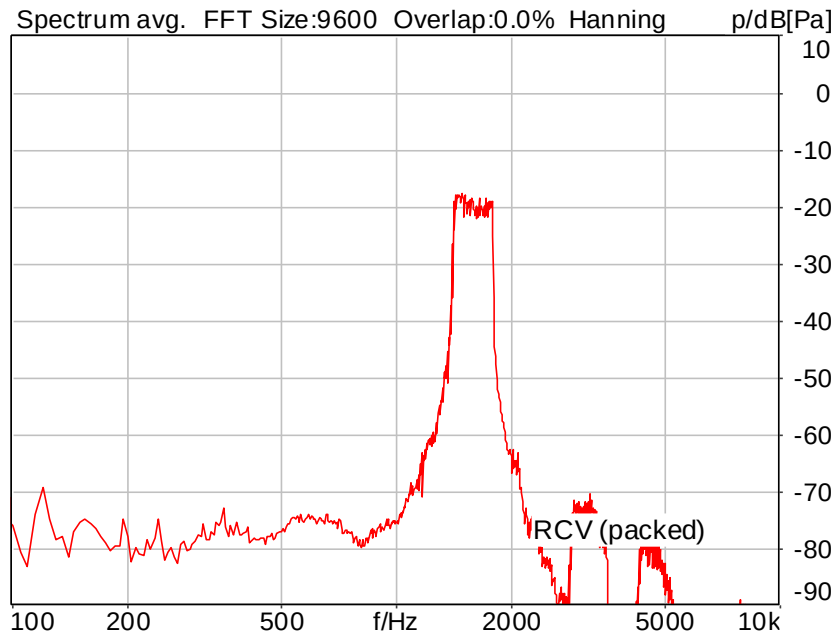
2024/1/24 上午 02:49 ACQUA 5.1.200

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): 33.92 dB (2.01%) Ok

Ok

2024/1/24 上午 02:49 ACQUA 5.1.200

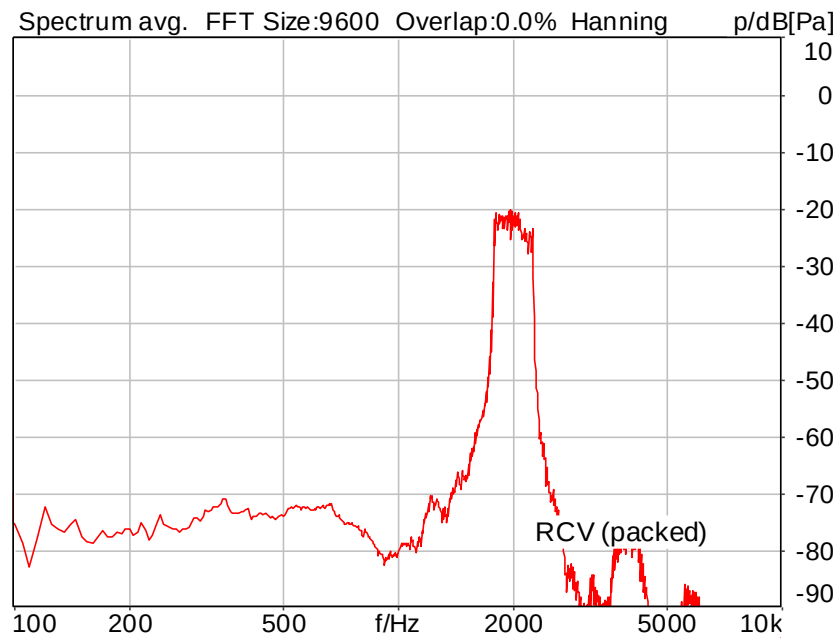
Limits

	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): 31.81 dB (2.57%) Ok

Ok

2024/1/24 上午 02:50 ACQUA 5.1.200

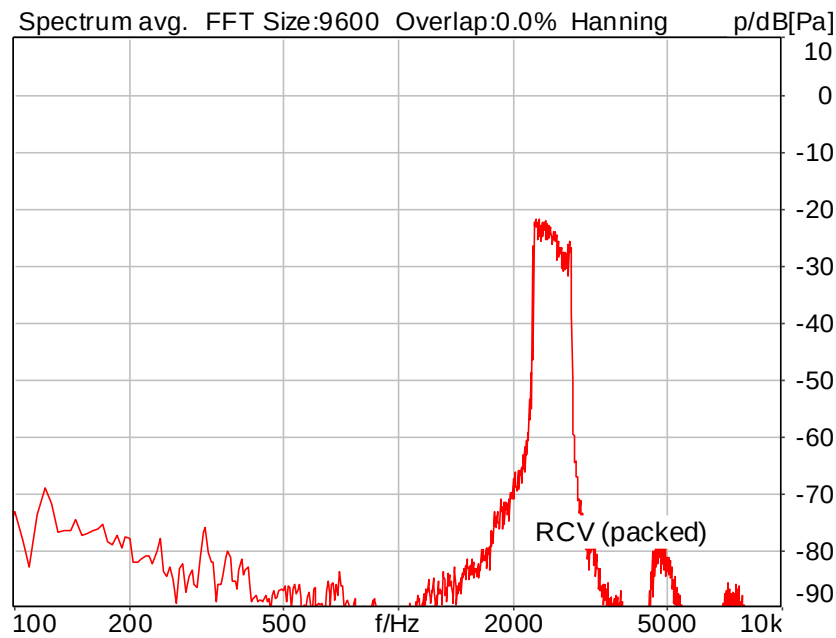
Limits

	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): 39.22 dB (1.09%) Ok

Ok

2024/1/24 上午 02:50 ACQUA 5.1.200

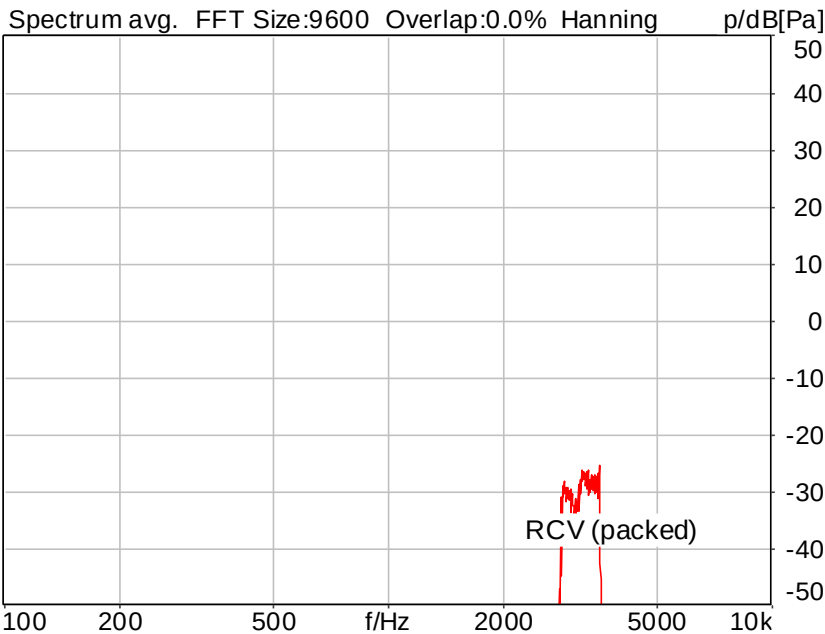
Limits

	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): 34.43 dB (1.90%) Ok

Ok

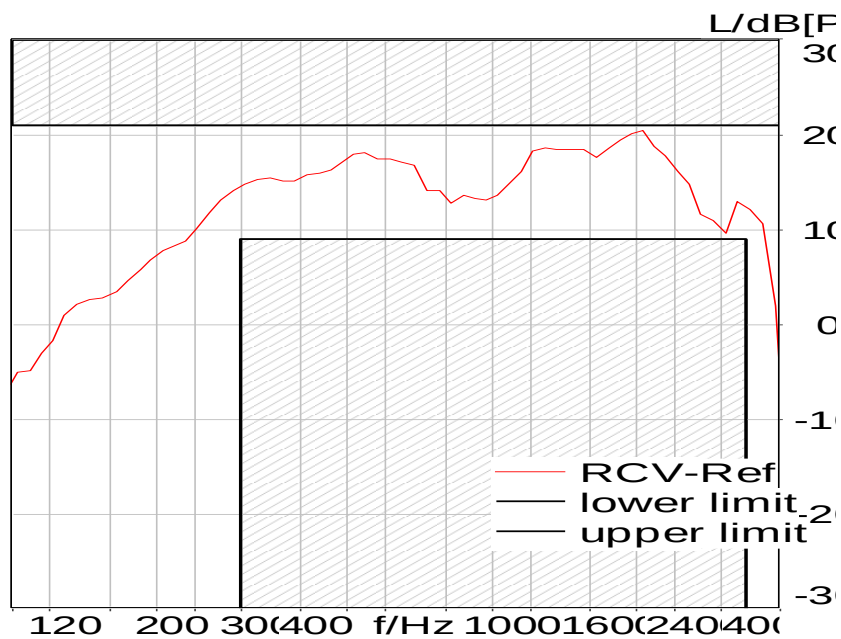
2024/1/24 上午 02:51 ACQUA 5.1.200

Limits

	lower
Run 1	20.00 dB

5.3 Frequency Response 8N DF HANB

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



Absolute minimal distance

0.61 dB at 2057.5 Hz Ok

Ok

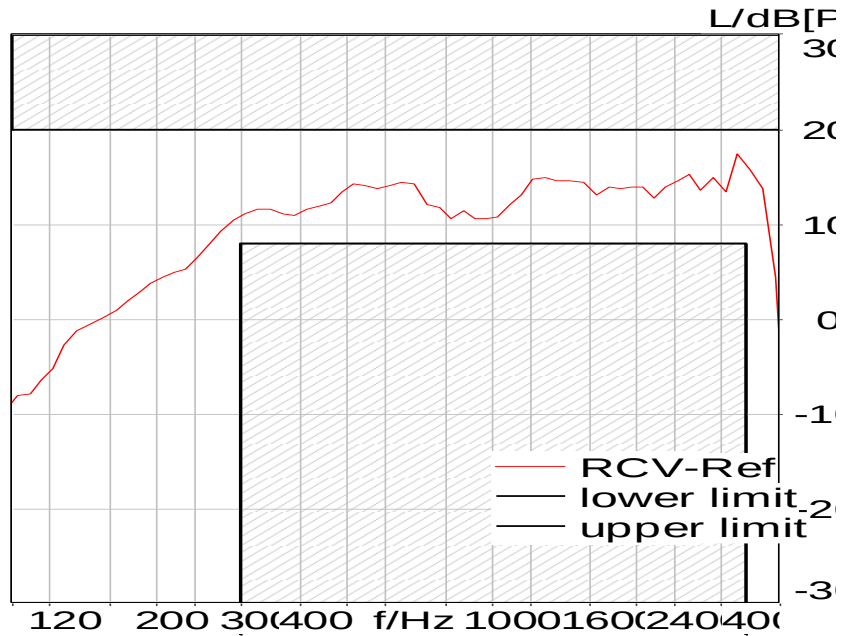
2024/2/5 下午 10:56 ACQUA 5.1.200

Limits

	lower
Run 1	Fit into tolerance

5.3 Frequency Response 2N DF HANB

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



Absolute minimal distance

2.63 dB at 3245.6 Hz Ok

Ok

2024/2/5 下午 10:57 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>



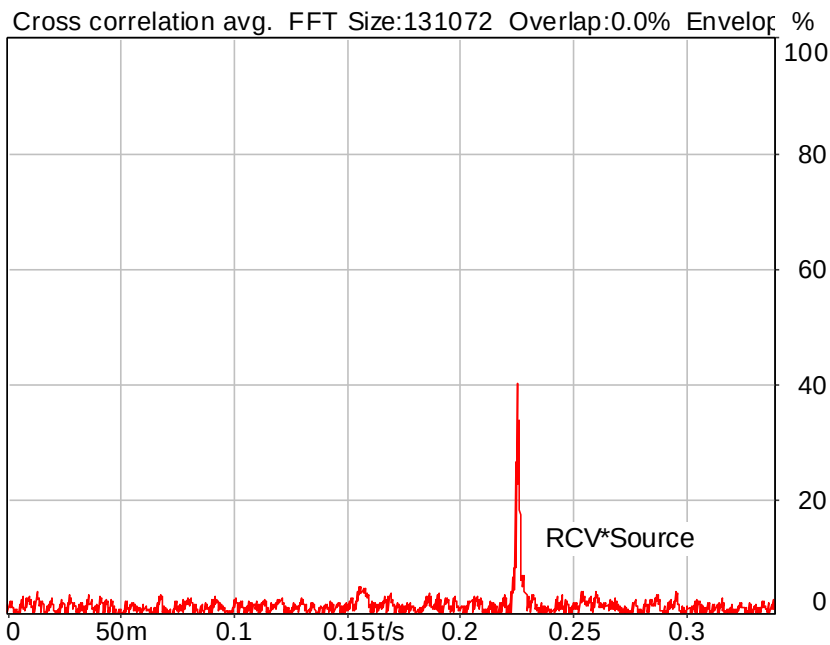
#4 GSM 850 AMR NB 12.2Kbps

SMD	Status	Single Value Description	Single Value
Overall Receive Delay NB	Done	Delay (Cross) [ms]	225.5
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]]	89.21



Overall Receive Delay NB

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



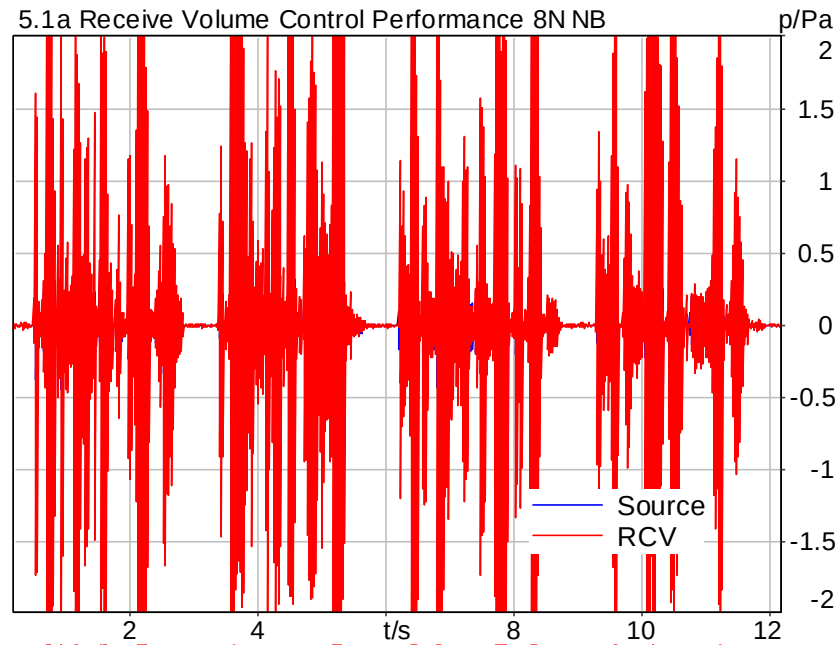
Delay (Cross): 225.5 ms

2024/1/21 上午 04:00 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.: 57.28% Ok

Ok

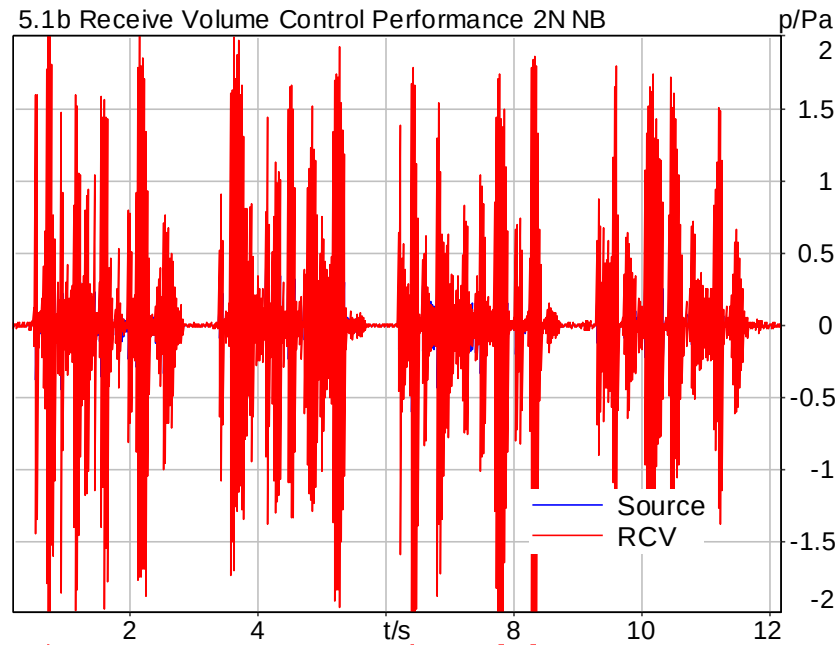
2024/1/21 上午 04:00 ACQUA 5.1.200

Limits

	lower
Run 1	88.00 dB20uPa

5.1b Receive Volume Control Performance 2N NB

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



Speech Level RCV: 89.21 dB[SPL], Act.: 21.52% Ok

Ok

2024/1/21 上午 04:01 ACQUA 5.1.200

Limits

	lower
Run 1	76.00 dB20uPa



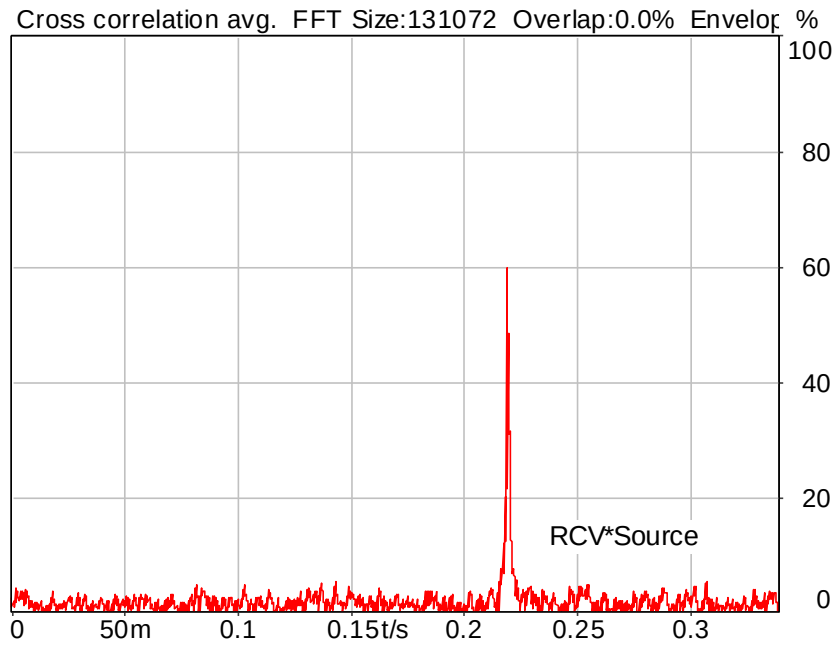
#5 WCDMA II AMR NB 12.2Kbps

SMD	Status	Single Value Description	Single Value
Overall Receive Delay NB	Done	Delay (Cross) [ms]	218.9
5.1a Receive Volume Control Performance 8N NB	Ok	Speech Level [dB[SPL]]	88.79
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	88.50



Overall Receive Delay NB

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

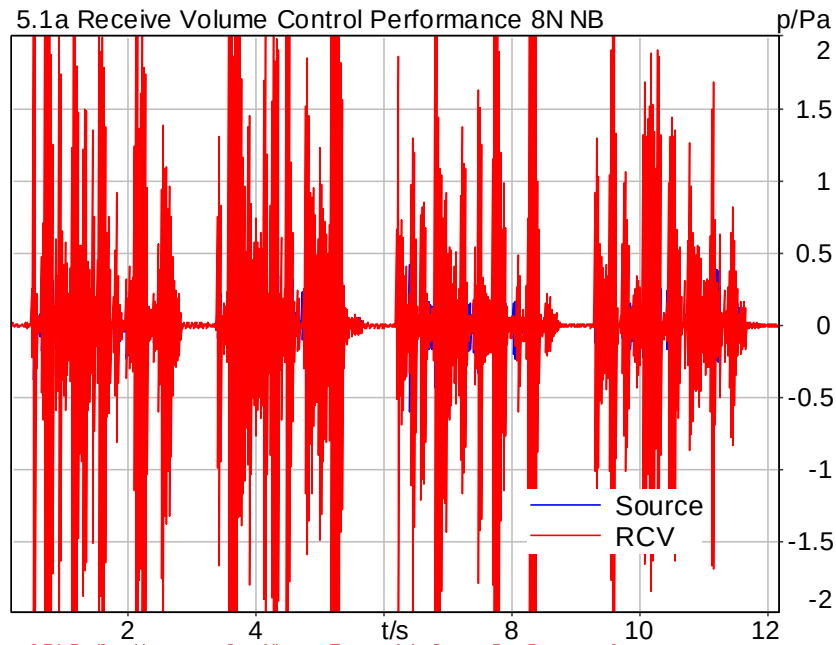


Delay (Cross): 218.9 ms

2024/1/21 上午 05:04 ACQUA 5.1.200

5.1a Receive Volume Control Performance 8N NB

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



Speech Level RCV: 88.79 dB[SPL], Act.: 45.11% Ok

Ok

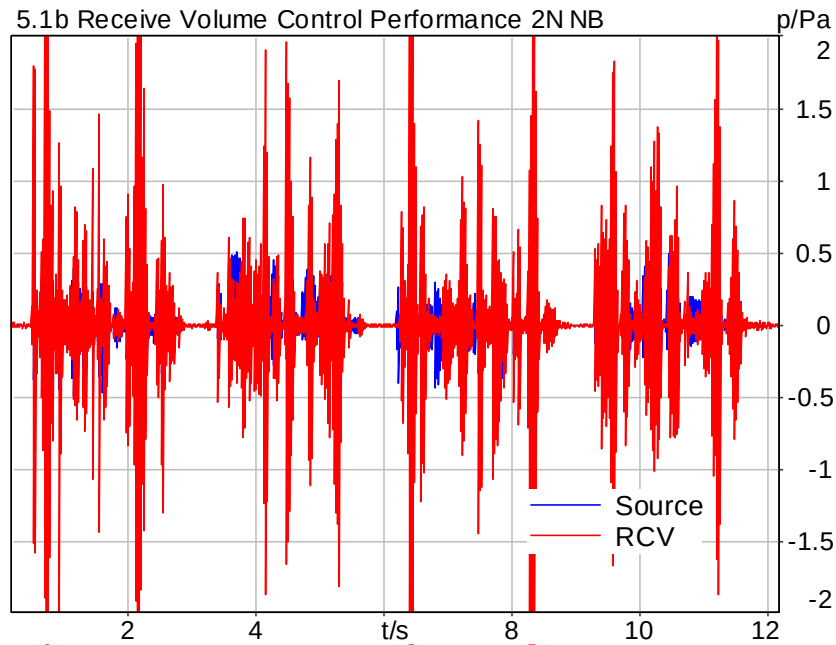
2024/1/21 上午 05:05 ACQUA 5.1.200

Limits

	lower
Run 1	88.00 dB20uPa

5.1b Receive Volume Control Performance 2N NB

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



Speech Level RCV: 88.50 dB[SPL], Act.: 19.01% Ok

Ok

2024/1/21 上午 05:08 ACQUA 5.1.200

Limits

	lower
Run 1	76.00 dB20uPa



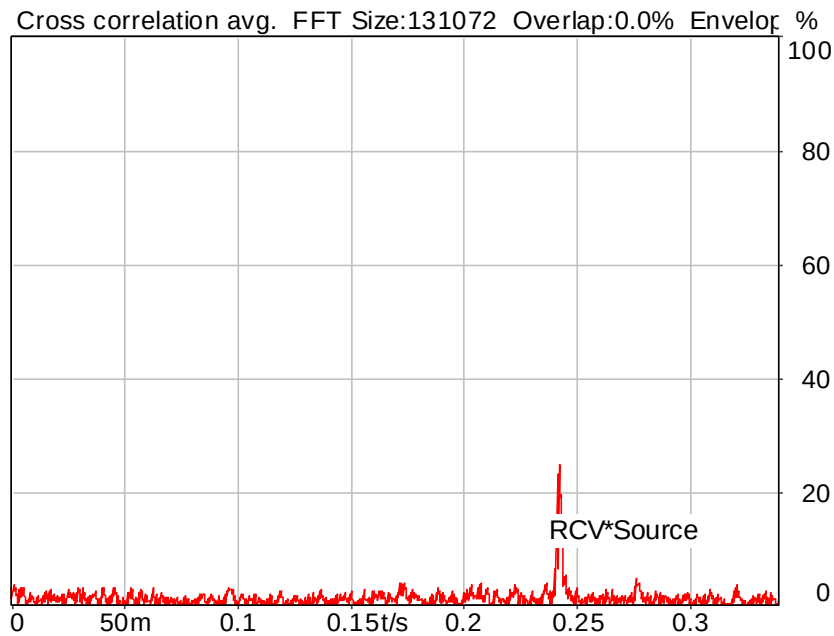
#6 LTE B7 AMR NB 4.75Kbps

SMD	Status	Single Value Description	Single Value
Overall Receive Delay NB	Done	Delay (Cross) [ms]	241.9
5.1a Receive Volume Control Performance 8N NB	Ok	Speech Level [dB[SPL]]	88.29
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	87.31



Overall Receive Delay NB

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

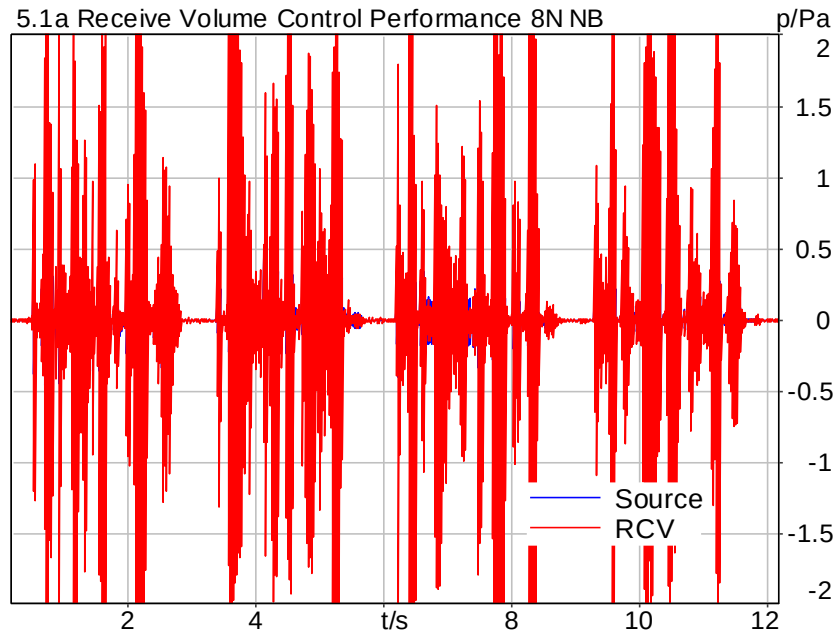


Delay (Cross): 241.9 ms

2024/1/21 下午 04:51 ACQUA 5.1.200

5.1a Receive Volume Control Performance 8N NB

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



Speech Level RCV: 88.29 dB[SPL], Act.: 46.80% Ok

Ok

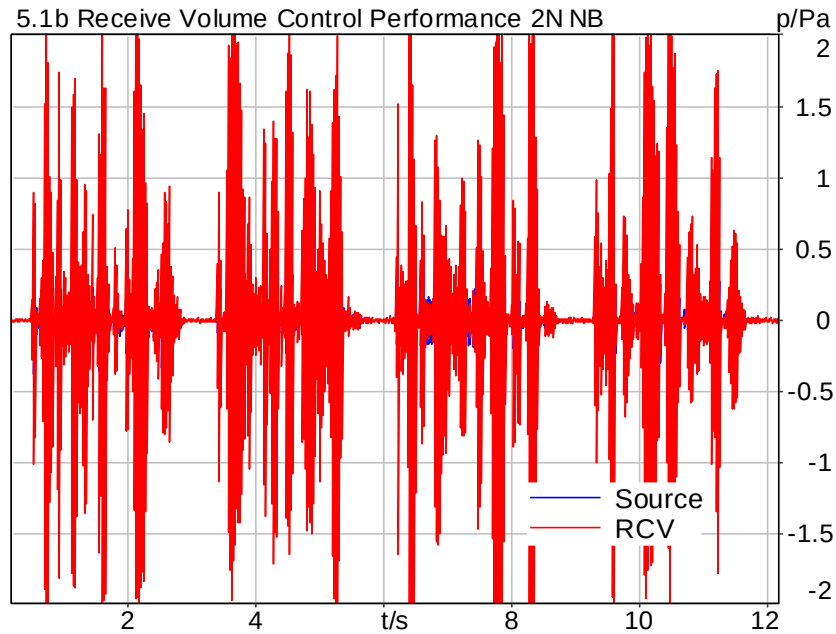
2024/1/21 下午 04:51 ACQUA 5.1.200

Limits

	lower
Run 1	88.00 dB20uPa

5.1b Receive Volume Control Performance 2N NB

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



Speech Level RCV: 87.31 dB[SPL], Act.: 42.06% Ok

Ok

2024/1/21 下午 06:29 ACQUA 5.1.200

Limits

	lower
Run 1	76.00 dB20uPa



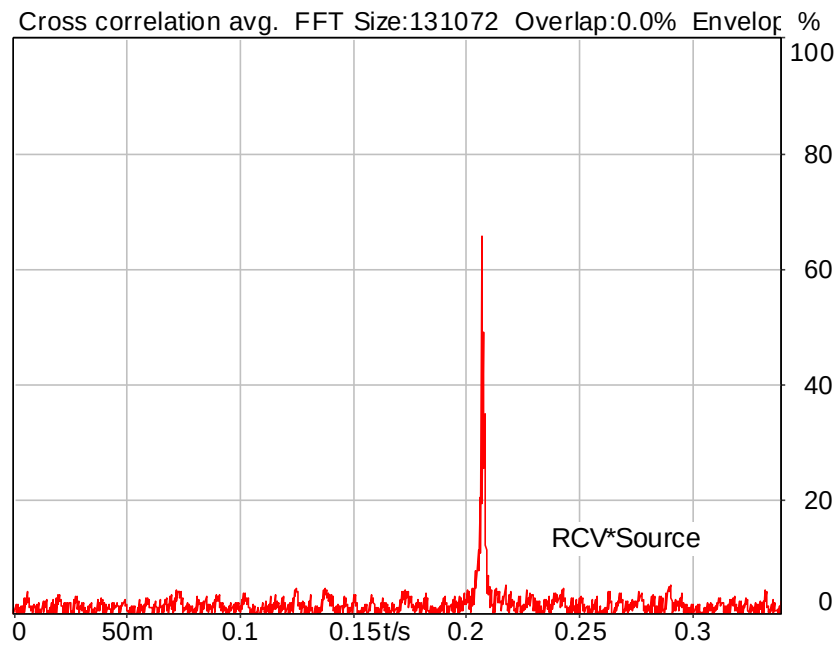
#7 NR n26 AMR NB 4.75Kbps

SMD	Status	Single Value Description	Single Value
Overall Receive Delay NB	Done	Delay (Cross) [ms]	207.1
5.1a Receive Volume Control Performance 8N NB	Ok	Speech Level [dB[SPL]]	88.64
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	87.73



Overall Receive Delay NB

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

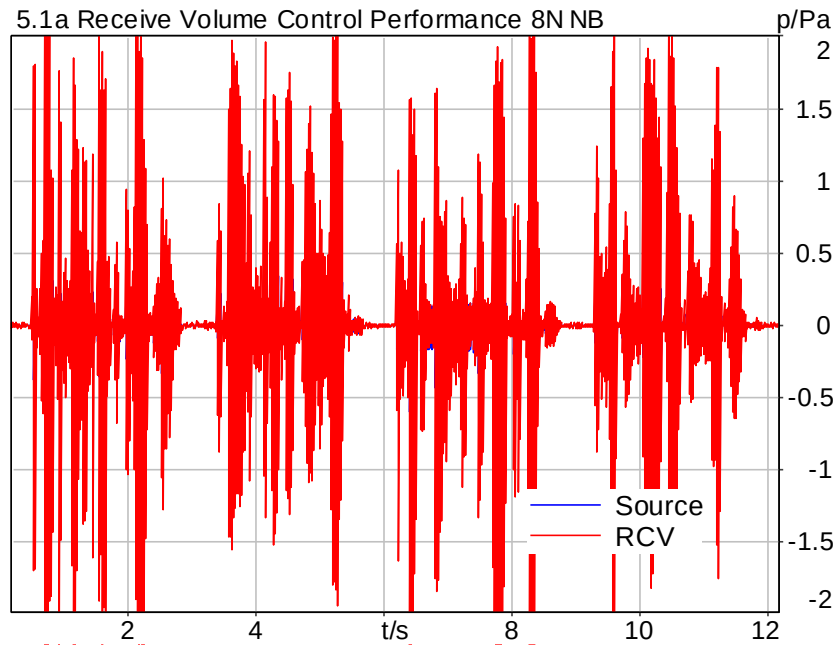


Delay (Cross): 207.1 ms

2024/1/31 下午 01:02 ACQUA 5.1.200

5.1a Receive Volume Control Performance 8N NB

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



Speech Level RCV: 88.64 dB[SPL], Act.: 32.00% Ok

Ok

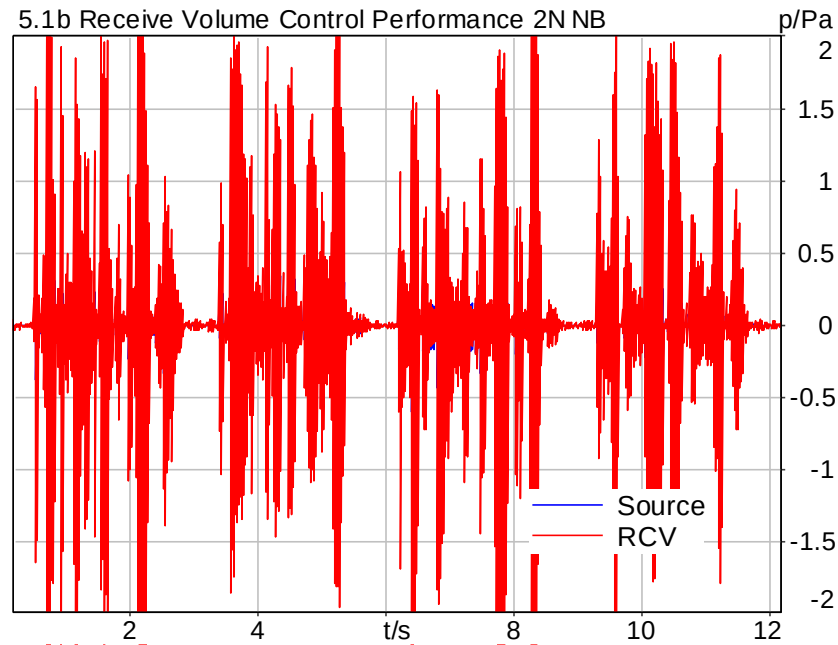
2024/1/31 下午 01:03 ACQUA 5.1.200

Limits

	lower
Run 1	88.00 dB20uPa

5.1b Receive Volume Control Performance 2N NB

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



Speech Level RCV: 87.73 dB[SPL], Act.: 39.73% Ok

Ok

2024/1/31 下午 01:03 ACQUA 5.1.200

Limits

	lower
Run 1	76.00 dB20uPa



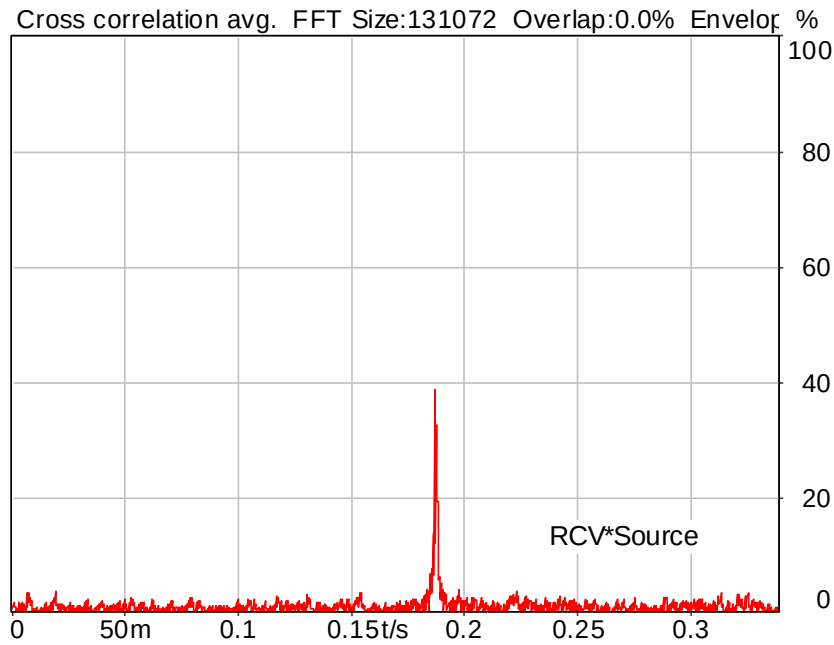
#8 WiFi 6GHz AMR WB 23.85kbps

SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	187.6
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	88.03
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	89.33



Overall Receive Delay WB

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

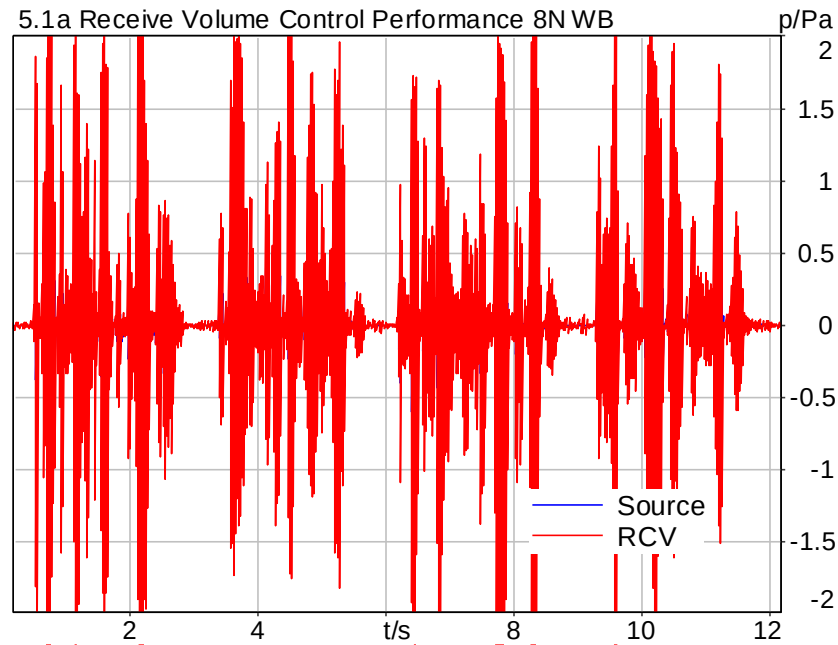


Delay (Cross): 187.6 ms

2024/2/1 上午 07:02 ACQUA 5.1.200

5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 88.03 dB[SPL], Act.: 38.00% Ok

Ok

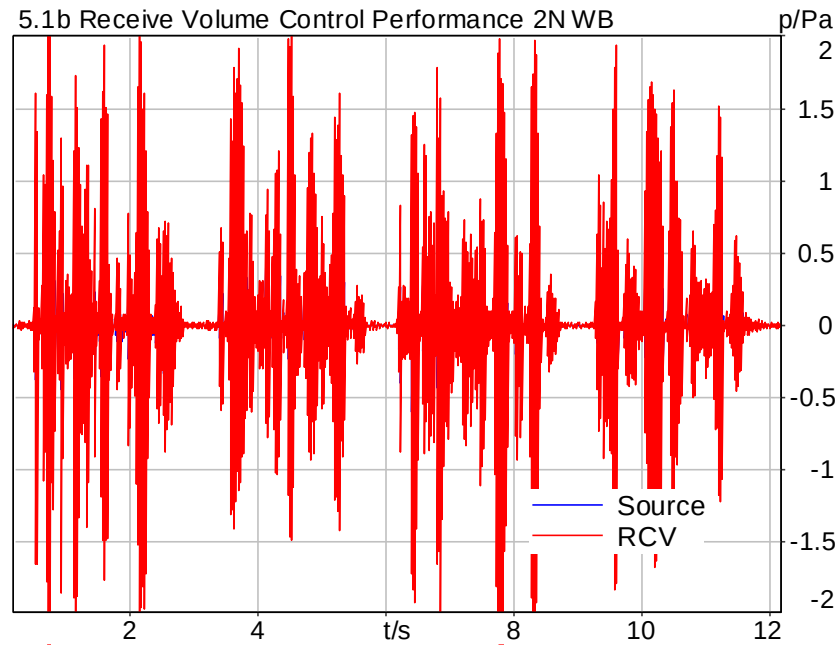
2024/2/1 上午 07:02 ACQUA 5.1.200

Limits

	lower
Run 1	88.00 dB20uPa

5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 89.33 dB[SPL], Act.: 18.56% Ok

Ok

2024/2/1 上午 07:03 ACQUA 5.1.200

Limits

	lower
Run 1	76.00 dB20uPa