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**Appendix A. Volume Control Evaluation Results**

**<Evaluation results for KDB 285076 D05 2.a>**



#1 LTE B2 EVS WB 24.4Kbps

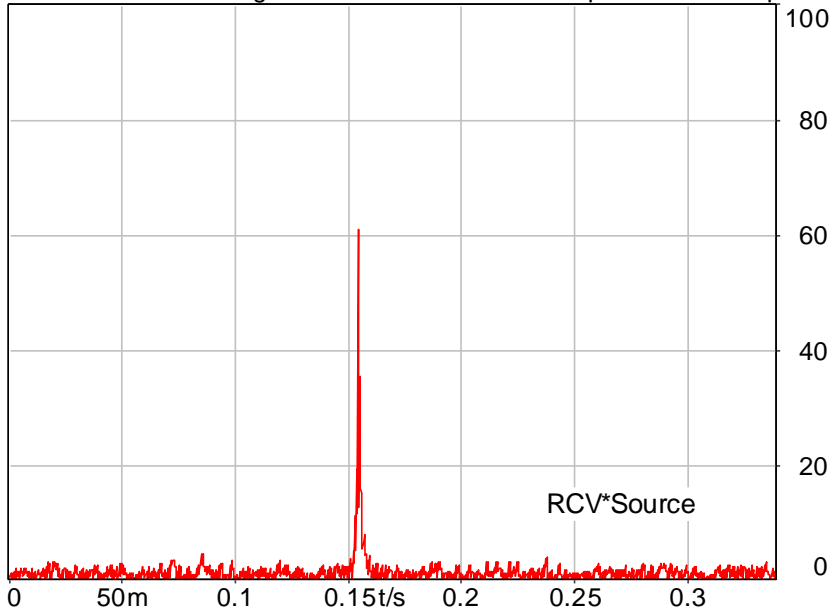
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	155.1
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	90.23
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	88.18
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.25
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.69
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.63
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.93
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.98
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.50
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.97
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.55
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.79
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	42.14
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.41
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.77
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.64
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	40.54
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.00
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.81
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.88
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.98
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.82
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.44
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.90
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.29
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.19
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.26
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.06
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.18
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.57
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	39.43
5.3 Frequency Response 8N FF	Ok	Min. dist. to tolerance scheme [dB], 205.7 Hz	2.80
5.3 Frequency Response 2N FF	Ok	Min. dist. to tolerance scheme [dB], 576.7 Hz	2.87



### Overall Receive Delay WB

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

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



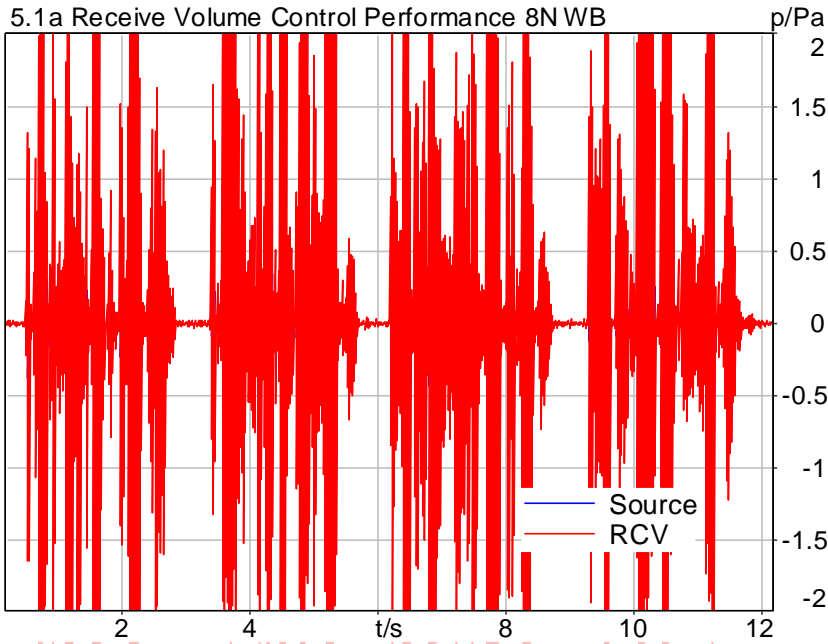
Delay (Cross): 155.1 ms

2023/10/21 下午 11:33 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 90.23 dB[SPL], Act.: 59.31% Ok

Ok

2023/10/21 下午 11:34 ACQUA 5.1.200

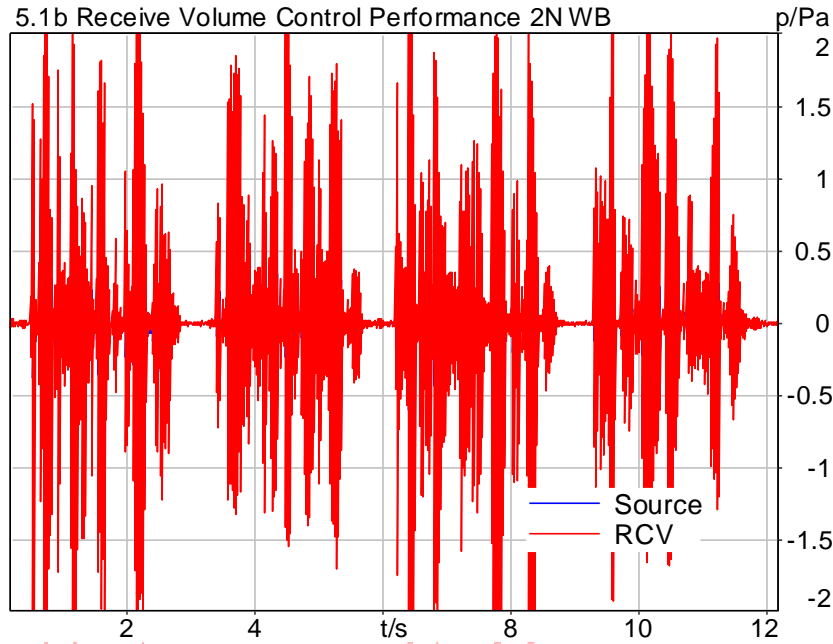
Limits

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 88.18 dB[SPL], Act.: 34.11% Ok

Ok

2023/10/21 下午 11:35 ACQUA 5.1.200

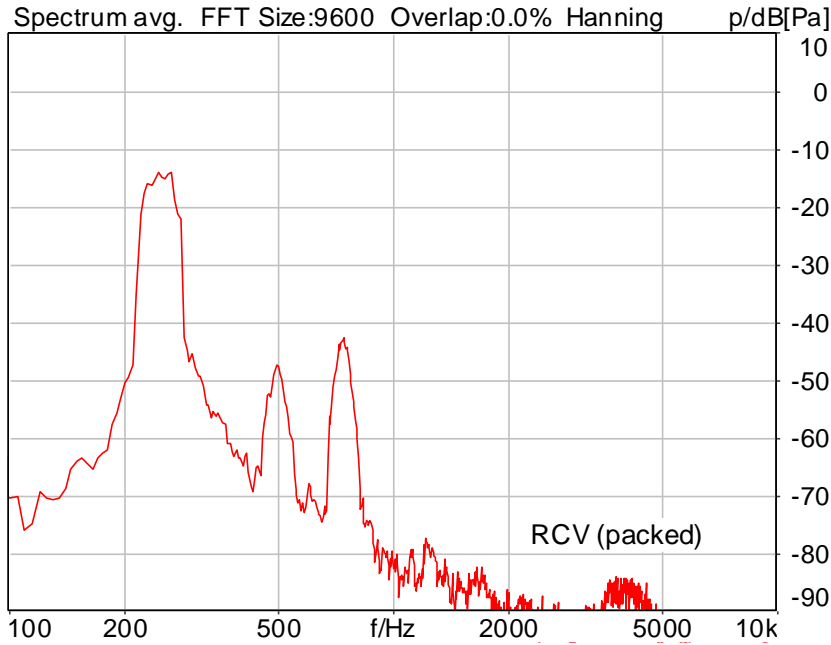
Limits

	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): 28.25 dB (3.87%) Ok

Ok

2023/10/21 下午 11:35 ACQUA 5.1.200

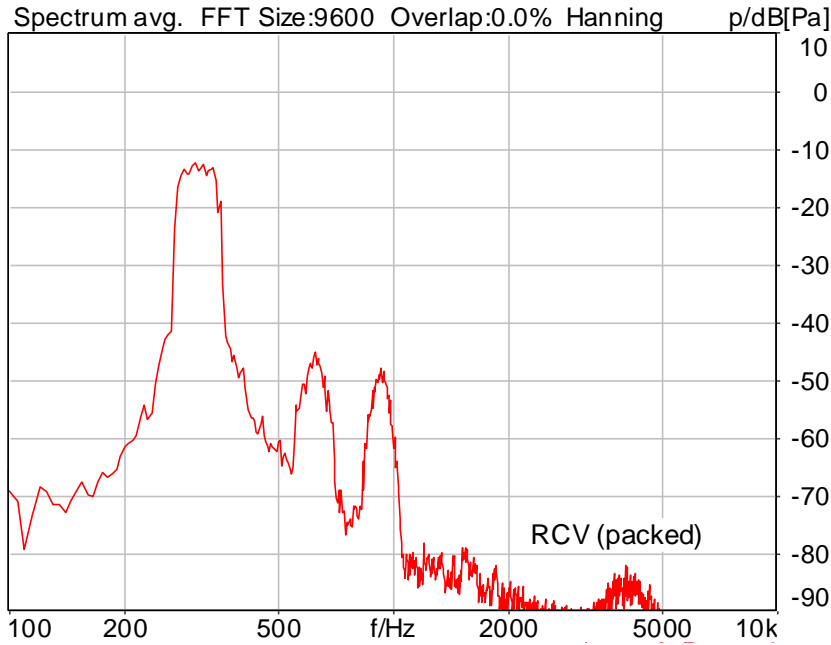
Limits

	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): 31.69 dB (2.60%) Ok

Ok

2023/10/21 下午 11:36 ACQUA 5.1.200

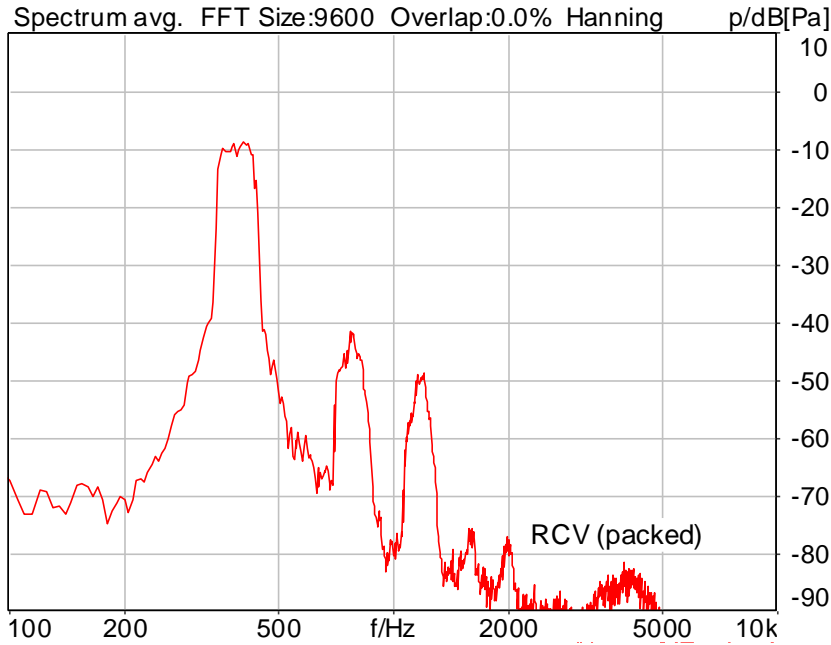
Limits

	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): 32.63 dB (2.34%) Ok

Ok

2023/10/21 下午 11:36 ACQUA 5.1.200

Limits

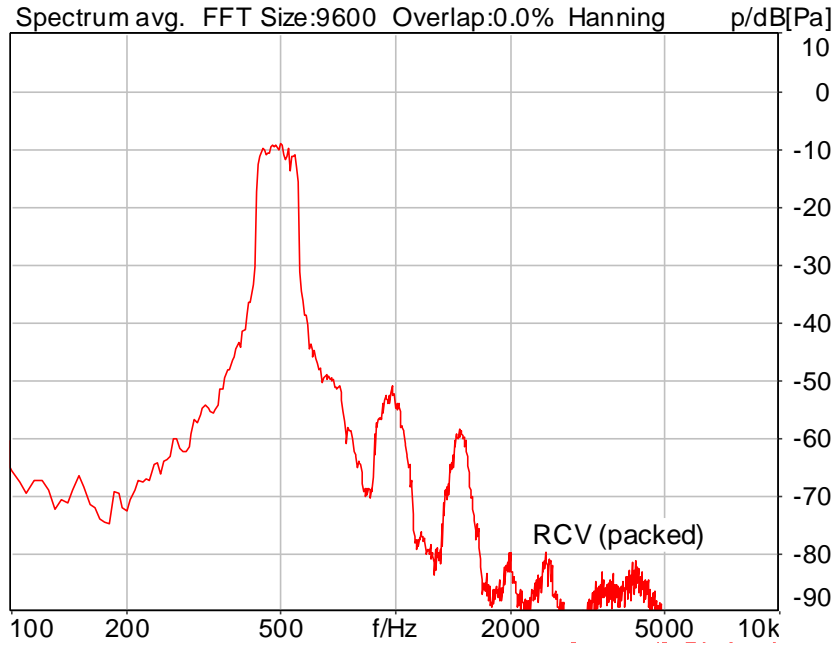
	lower
Run 1	20.00 dB





### 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): 35.93 dB (1.60%) Ok

Ok

2023/10/21 下午 11:37 ACQUA 5.1.200

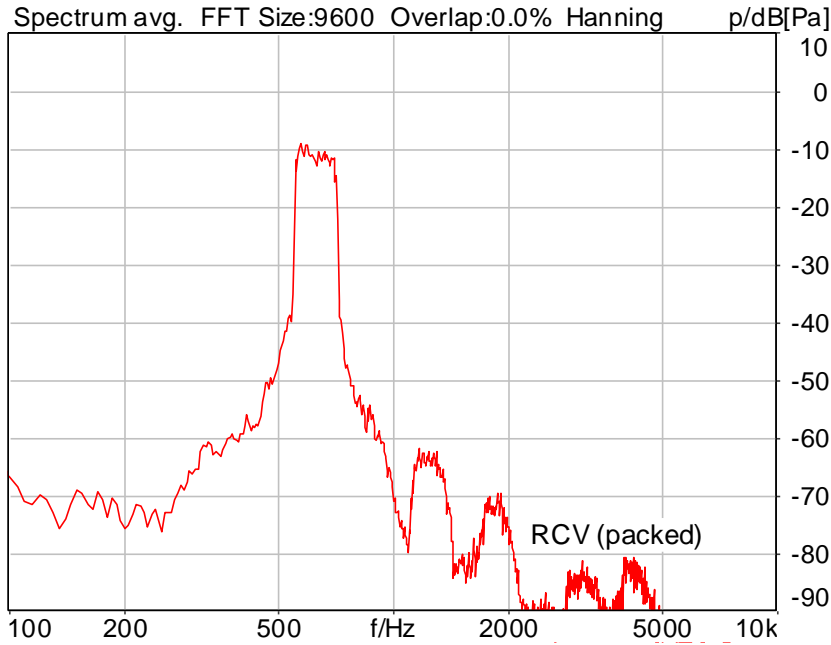
Limits

	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): 38.98 dB (1.12%) Ok

Ok

2023/10/21 下午 11:37 ACQUA 5.1.200

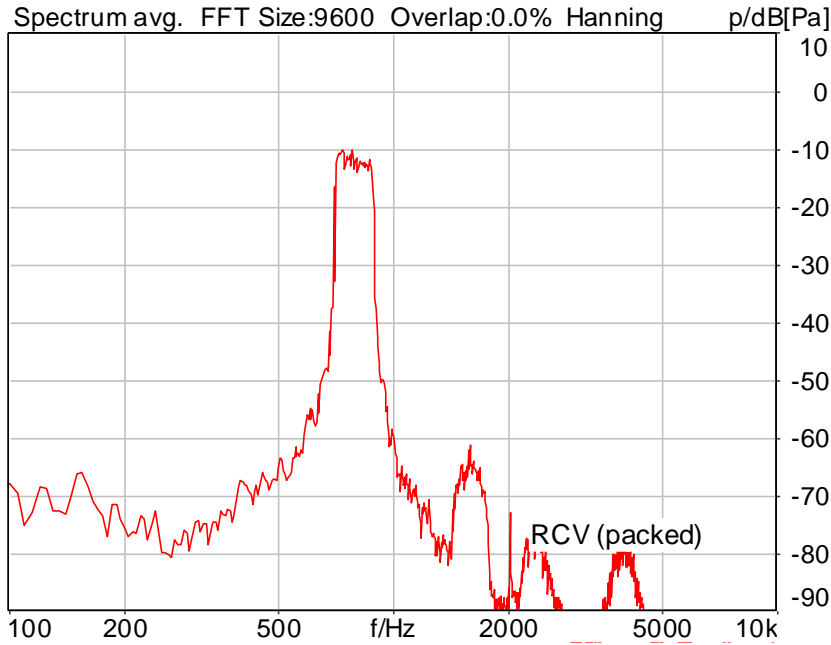
Limits

	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): 41.50 dB (0.84%) Ok

Ok

2023/10/21 下午 11:38 ACQUA 5.1.200

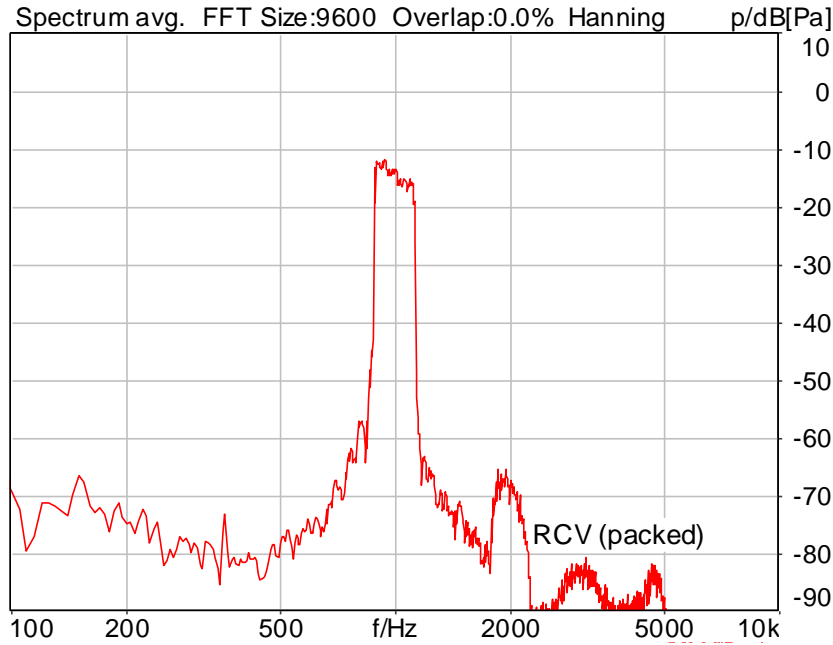
Limits

	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): 45.97 dB (0.50%) Ok

**Ok**

2023/10/21 下午 11:38 ACQUA 5.1.200

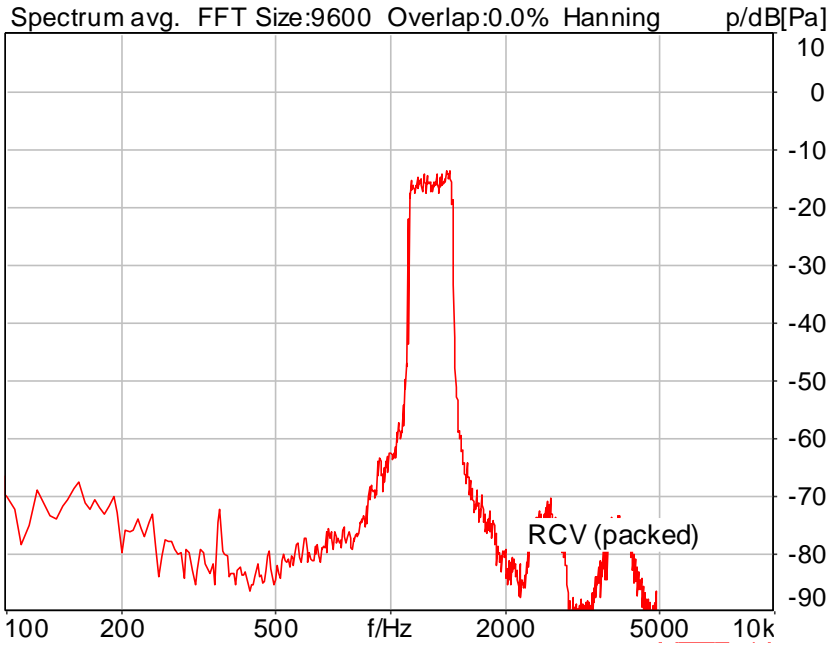
**Limits**

	<b>lower</b>
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): 33.55 dB (2.10%) Ok

Ok

2023/10/21 下午 11:39 ACQUA 5.1.200

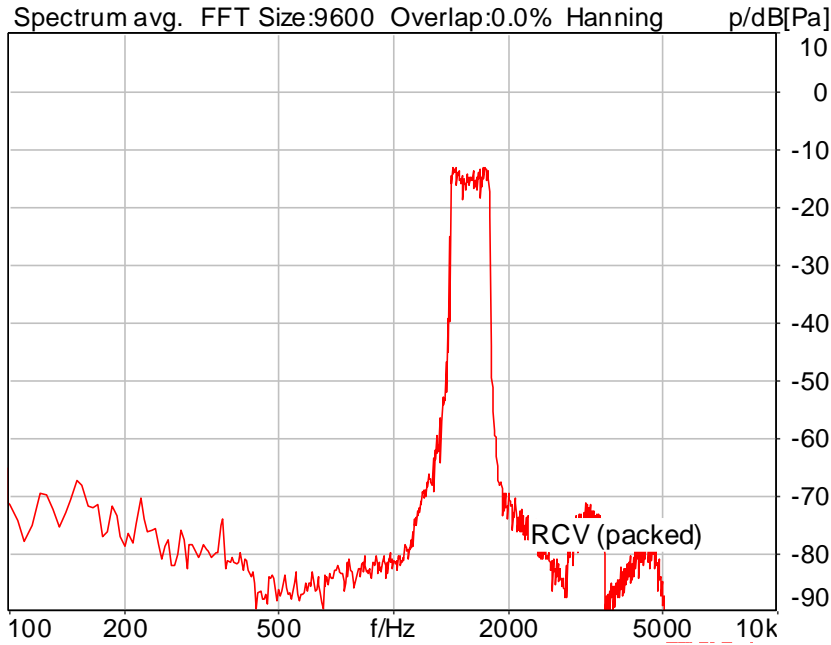
Limits

	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): 44.79 dB (0.58%) Ok

**Ok**

2023/10/21 下午 11:39 ACQUA 5.1.200

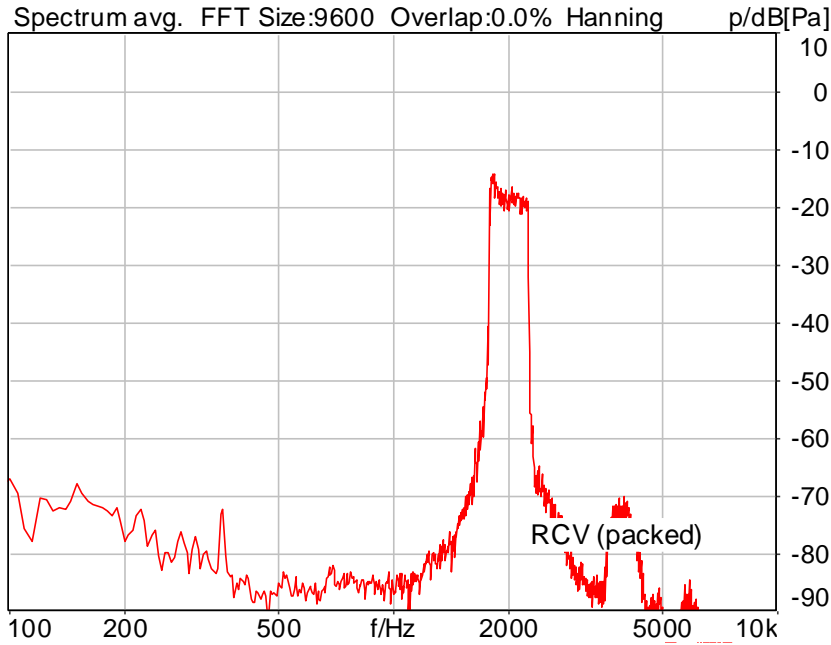
**Limits**

	<b>lower</b>
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): 42.14 dB (0.78%) Ok

**Ok**

2023/10/21 下午 11:40 ACQUA 5.1.200

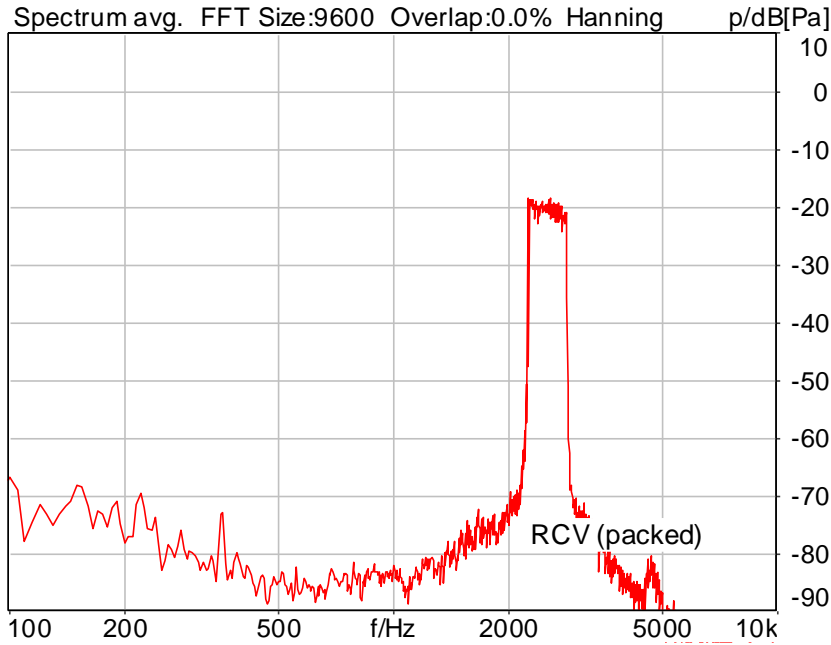
**Limits**

	<b>lower</b>
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): 46.41 dB (0.48%) Ok

**Ok**

2023/10/21 下午 11:40 ACQUA 5.1.200

**Limits**

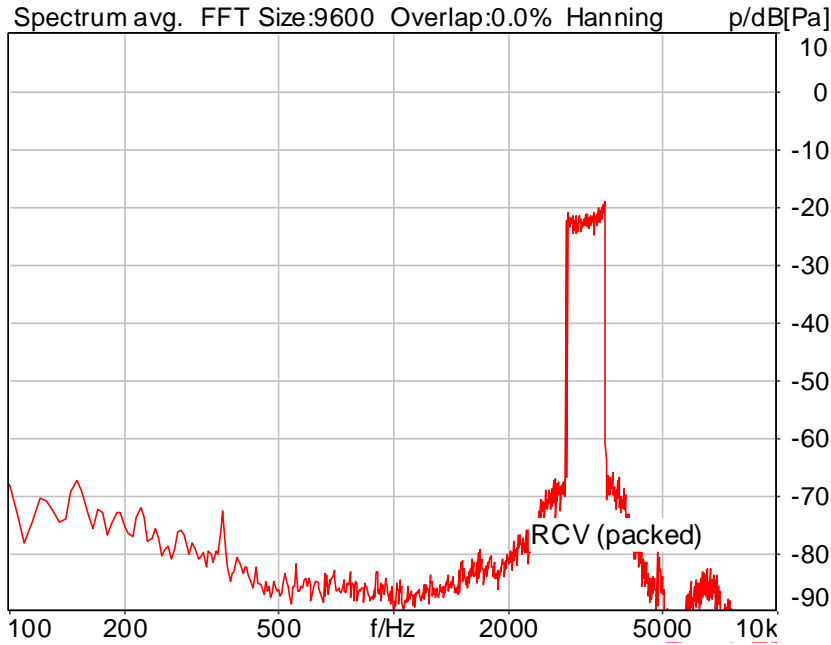
	<b>lower</b>
Run 1	20.00 dB





### 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): 44.77 dB (0.58%) Ok

Ok

2023/10/21 下午 11:41 ACQUA 5.1.200

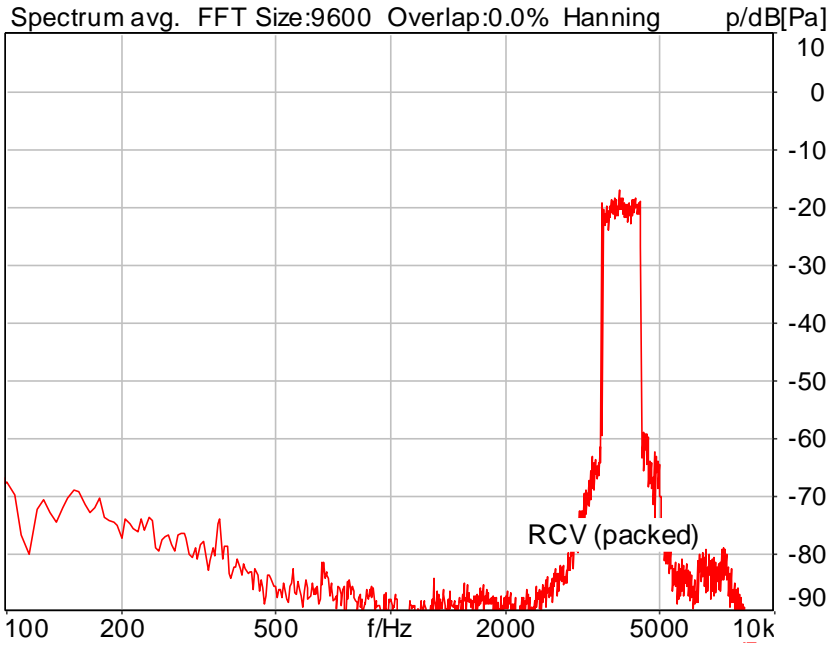
Limits

	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): 43.64 dB (0.66%) Ok

Ok

2023/10/21 下午 11:41 ACQUA 5.1.200

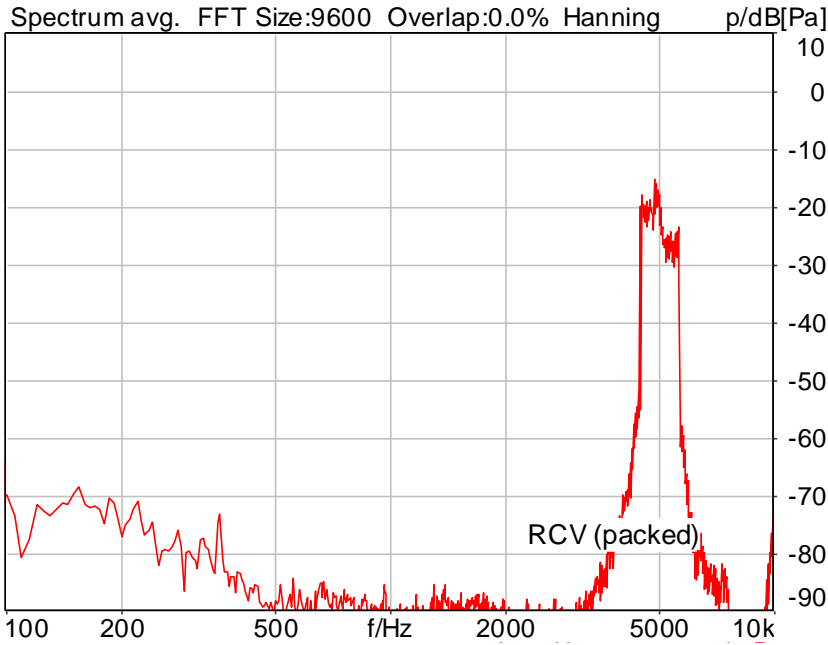
Limits

	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): 40.54 dB (0.94%) Ok

Ok

2023/10/21 下午 11:42 ACQUA 5.1.200

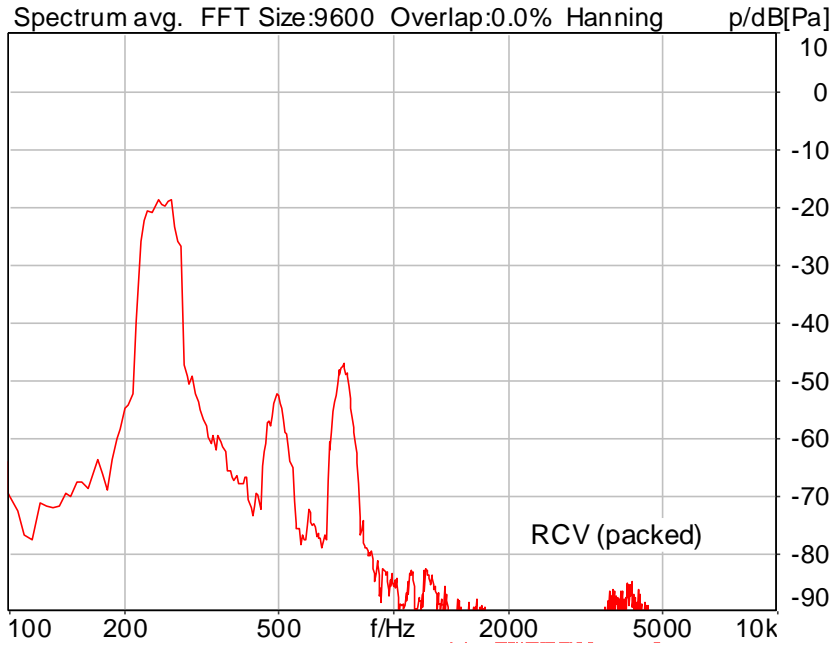
Limits

	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): 28.00 dB (3.98%) Ok

Ok

2023/10/21 下午 11:43 ACQUA 5.1.200

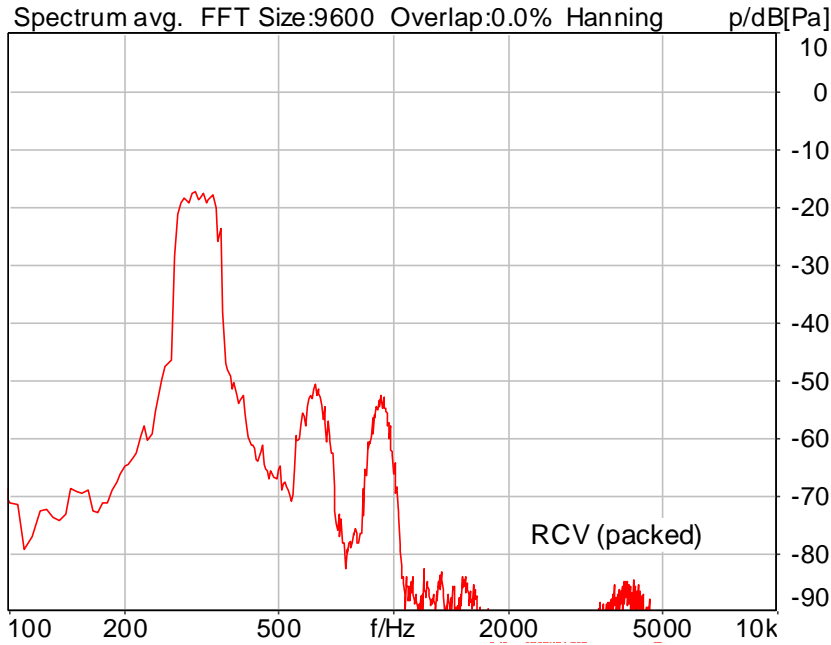
Limits

	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): 31.81 dB (2.57%) Ok

**Ok**

2023/10/21 下午 11:43 ACQUA 5.1.200

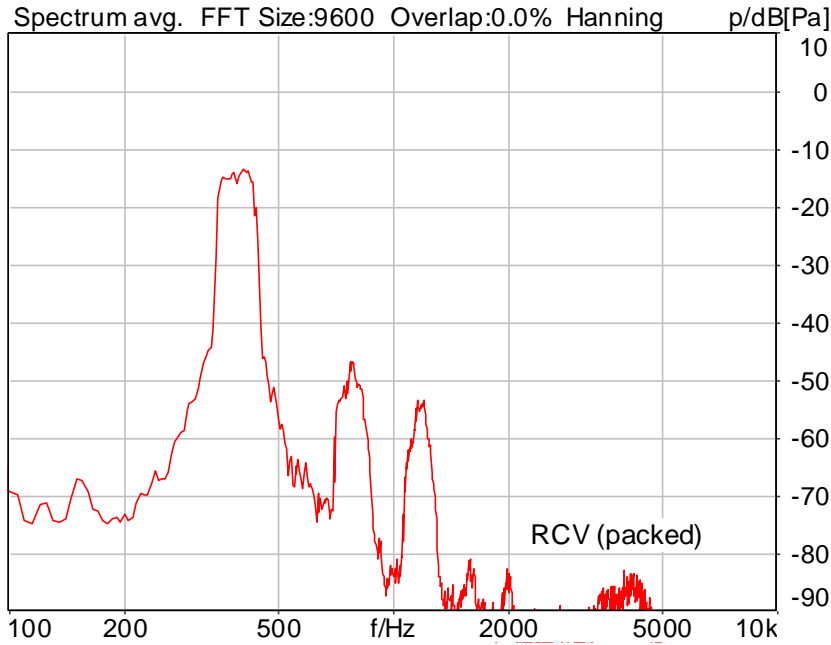
**Limits**

	<b>lower</b>
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): 32.88 dB (2.27%) Ok

Ok

2023/10/21 下午 11:44 ACQUA 5.1.200

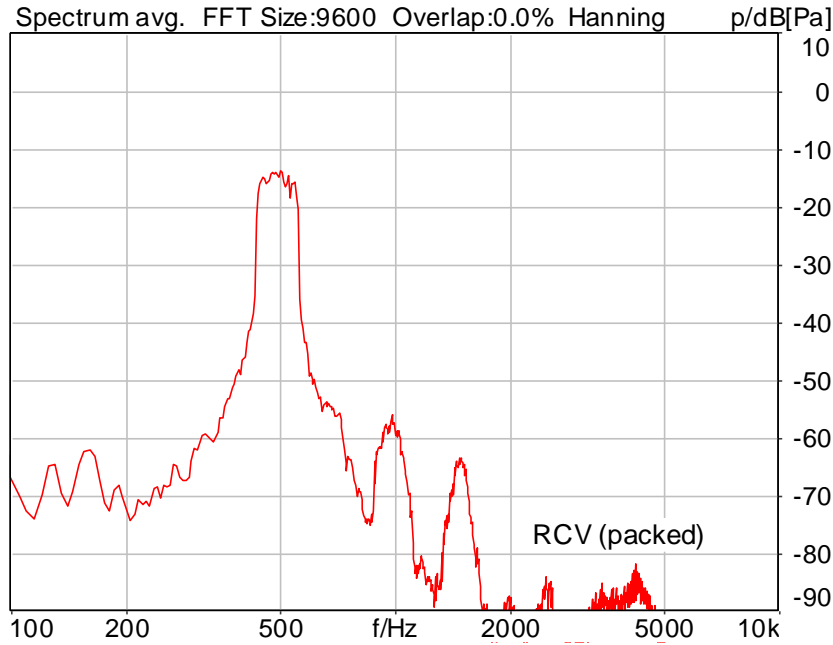
Limits

	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): 35.98 dB (1.59%) Ok

Ok

2023/10/21 下午 11:44 ACQUA 5.1.200

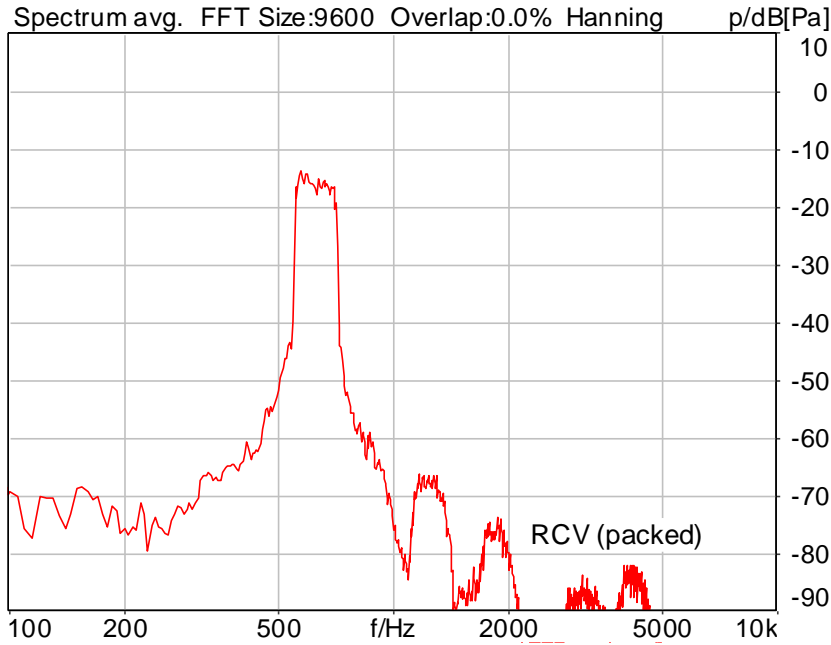
Limits

	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): 38.82 dB (1.15%) Ok

Ok

2023/10/21 下午 11:45 ACQUA 5.1.200

Limits

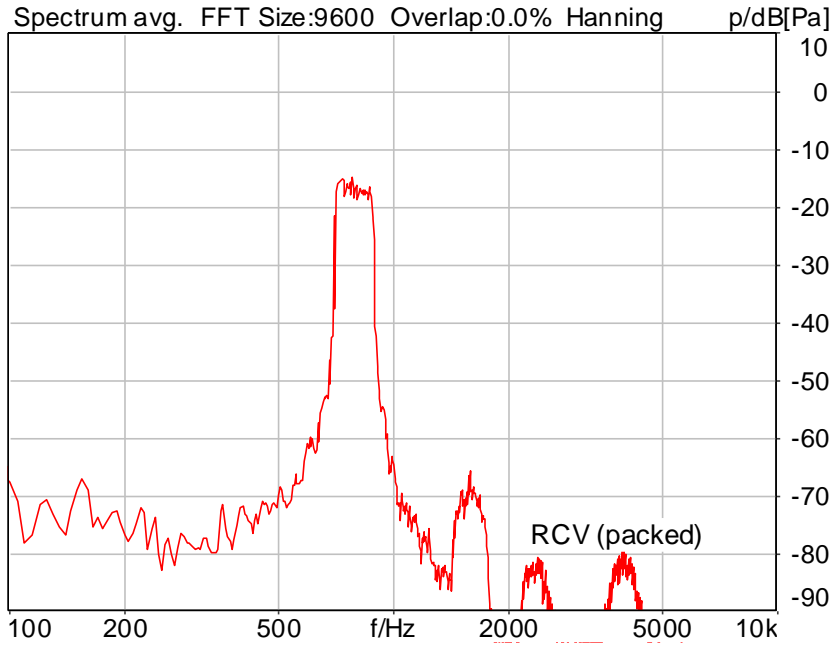
	lower
Run 1	20.00 dB





### 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): 41.44 dB (0.85%) Ok

Ok

2023/10/21 下午 11:45 ACQUA 5.1.200

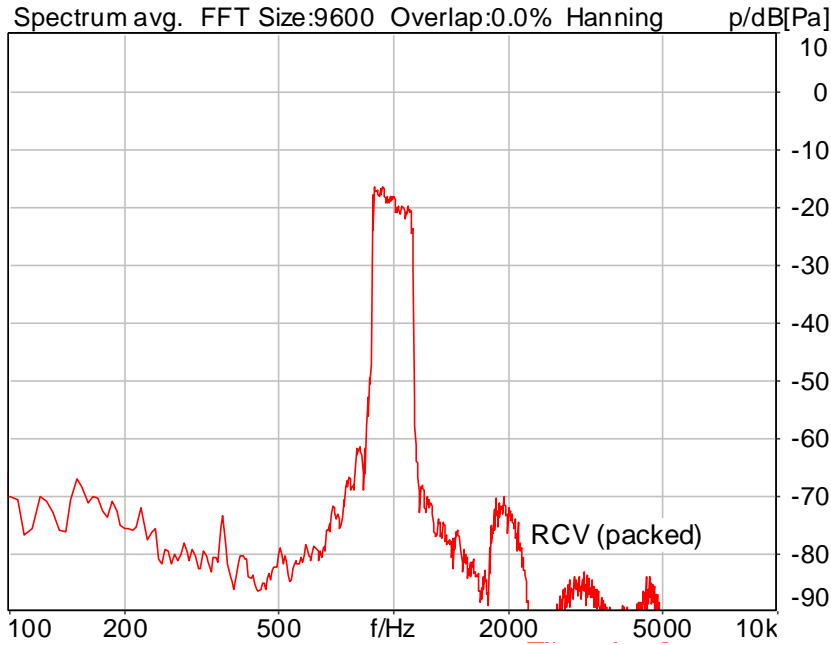
Limits

	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): 45.90 dB (0.51%) Ok

Ok

2023/10/21 下午 11:46 ACQUA 5.1.200

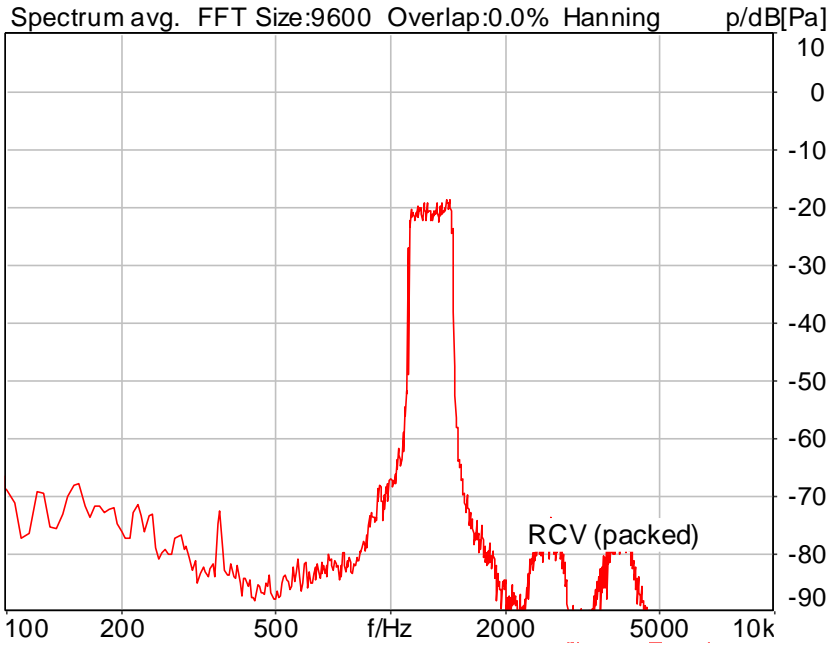
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 1250 Hz WB

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



Distortion (Noise) RCV (packed): 33.29 dB (2.16%) Ok

Ok

2023/10/21 下午 11:46 ACQUA 5.1.200

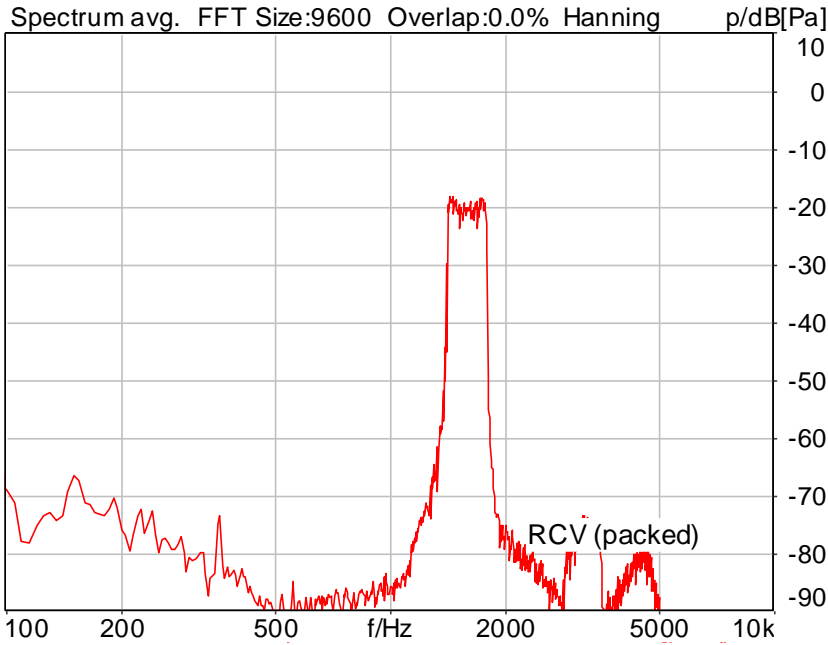
Limits

	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): 44.19 dB (0.62%) Ok

Ok

2023/10/21 下午 11:47 ACQUA 5.1.200

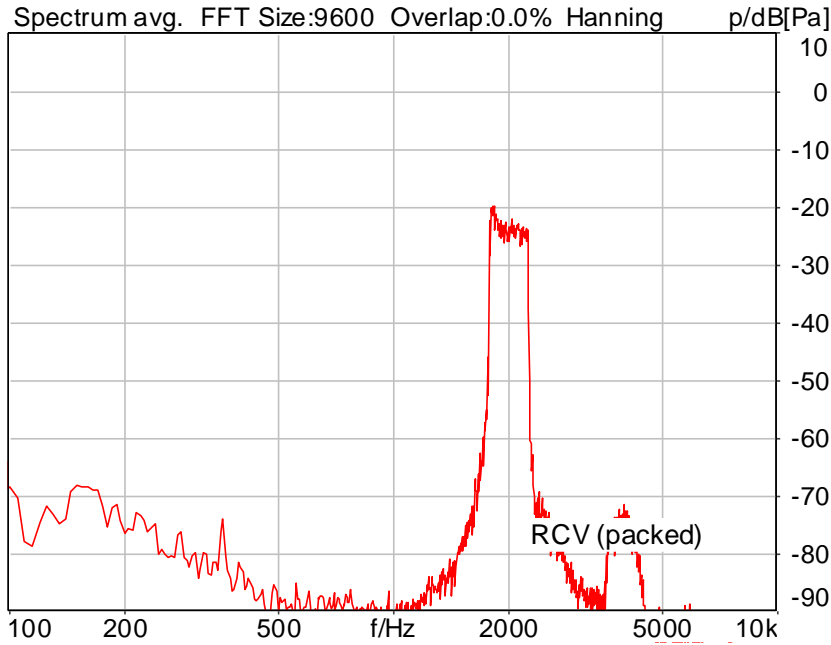
Limits

	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): 41.26 dB (0.86%) Ok

Ok

2023/10/21 下午 11:47 ACQUA 5.1.200

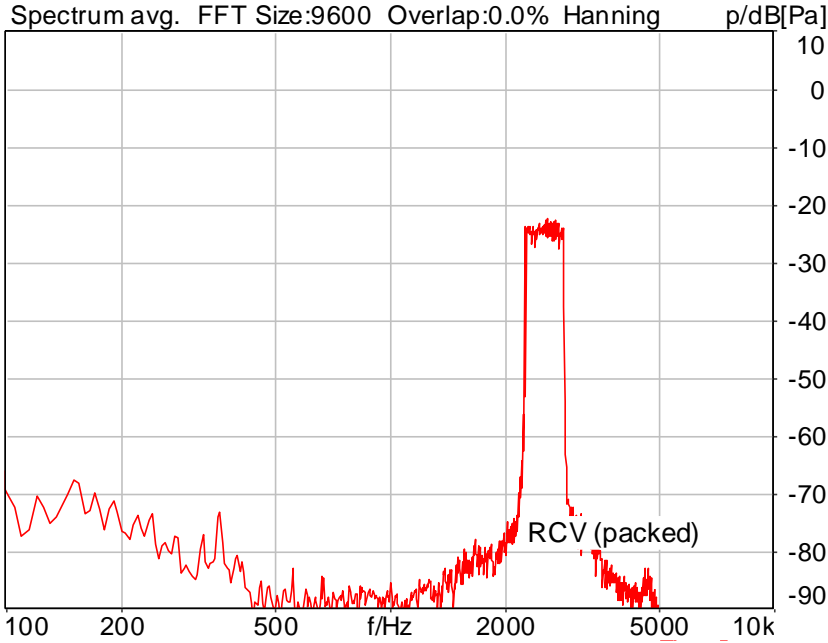
Limits

	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): 46.06 dB (0.50%) Ok

Ok

2023/10/21 下午 11:48 ACQUA 5.1.200

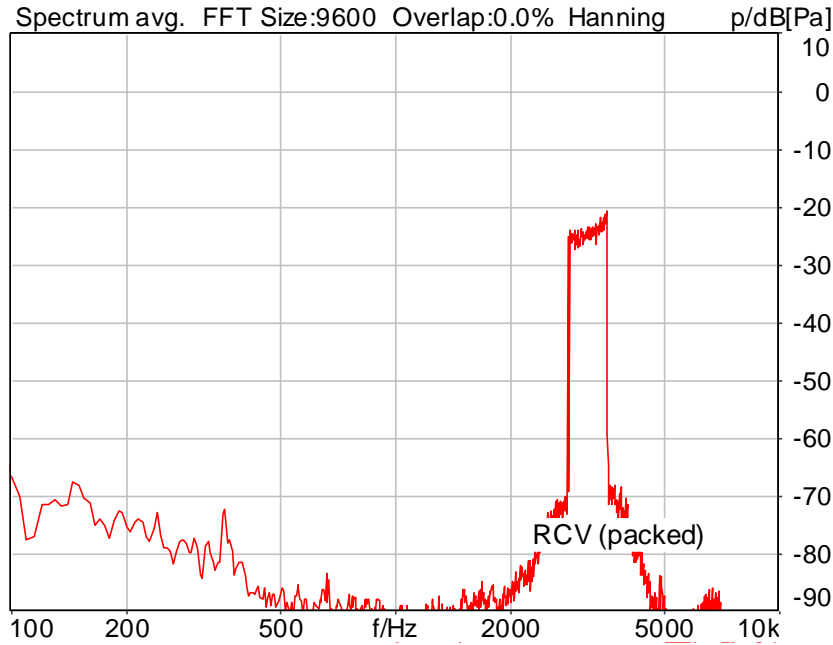
Limits

	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): 45.18 dB (0.55%) Ok

**Ok**

2023/10/21 下午 11:48 ACQUA 5.1.200

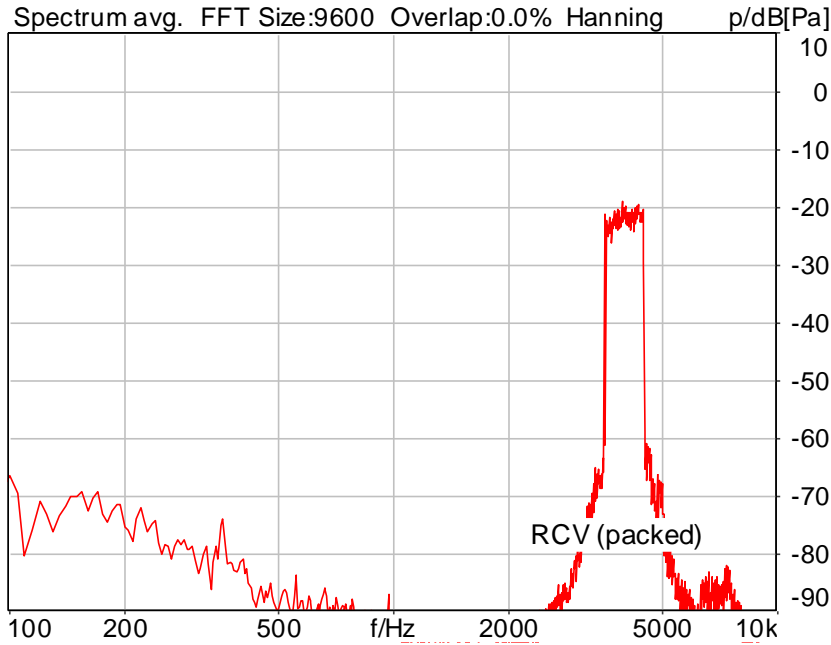
**Limits**

	<b>lower</b>
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): 44.57 dB (0.59%) Ok

Ok

2023/10/21 下午 11:49 ACQUA 5.1.200

Limits

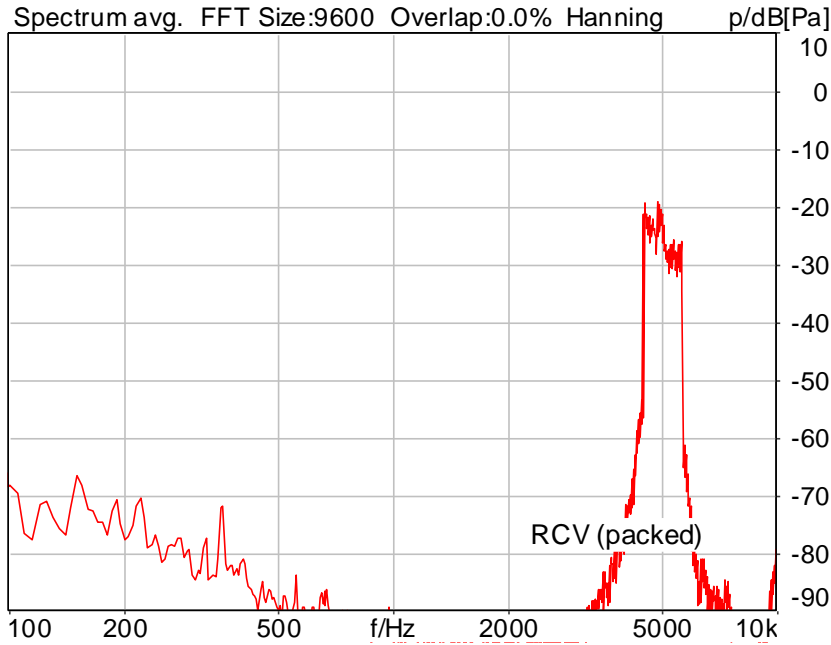
	lower
Run 1	20.00 dB





### 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): 39.43 dB (1.07%) Ok

Ok

2023/10/21 下午 11:49 ACQUA 5.1.200

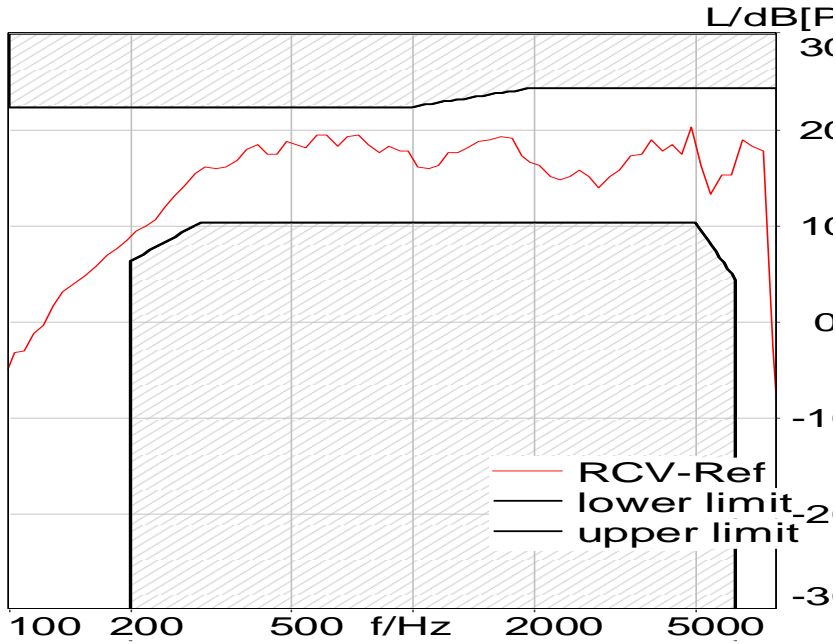
Limits

	lower
Run 1	20.00 dB



### 5.3 Frequency Response 8N FF

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



Absolute minimal distance  
2.80 dB at 205.7 Hz Ok

Ok

2023/10/21 下午 11:50 ACQUA 5.1.200

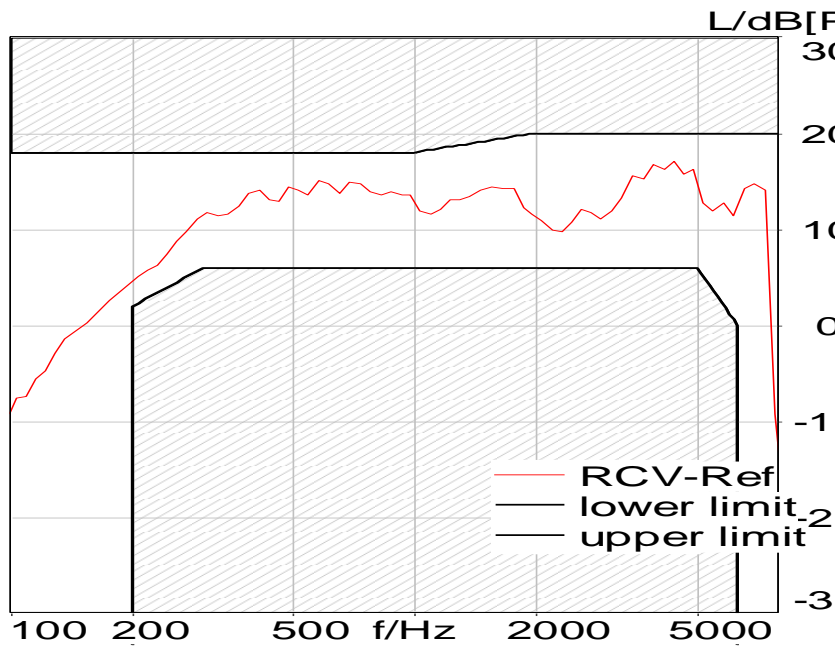
**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



### 5.3 Frequency Response 2N FF

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



Absolute minimal distance  
2.87 dB at 576.7 Hz Ok

Ok

2023/10/21 下午 11:51 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



#2 LTE B5 EVS WB 24.4Kbps

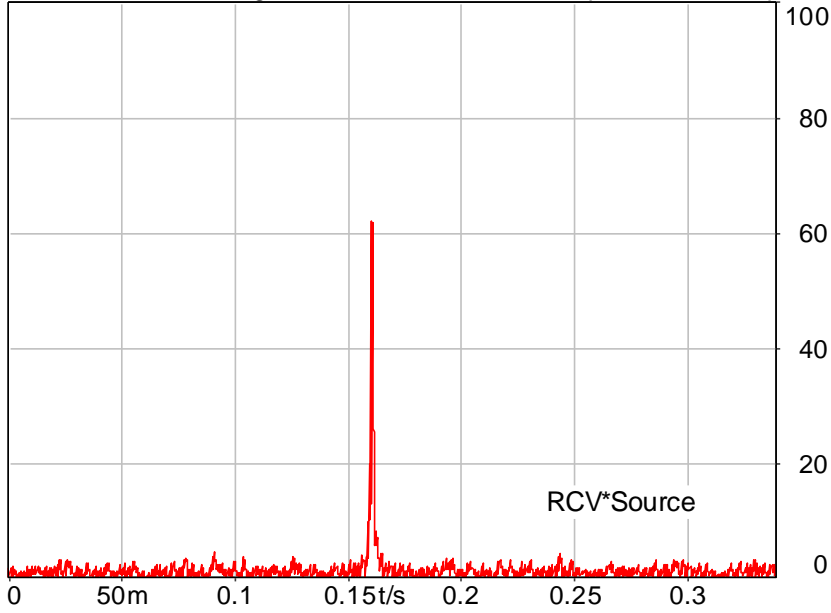
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	160.7
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	90.30
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	88.17
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.08
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.61
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.60
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.96
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	39.05
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.52
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.04
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.19
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.07
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	42.93
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.26
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.70
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.60
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	40.63
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.00
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.78
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.89
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.98
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.84
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.49
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.02
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.38
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.19
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.26
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.01
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.28
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.59
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	39.43
5.3 Frequency Response 8N FF	Ok	Min. dist. to tolerance scheme [dB], 576.7 Hz	2.80
5.3 Frequency Response 2N FF	Ok	Min. dist. to tolerance scheme [dB], 576.7 Hz	2.86



### Overall Receive Delay WB

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

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



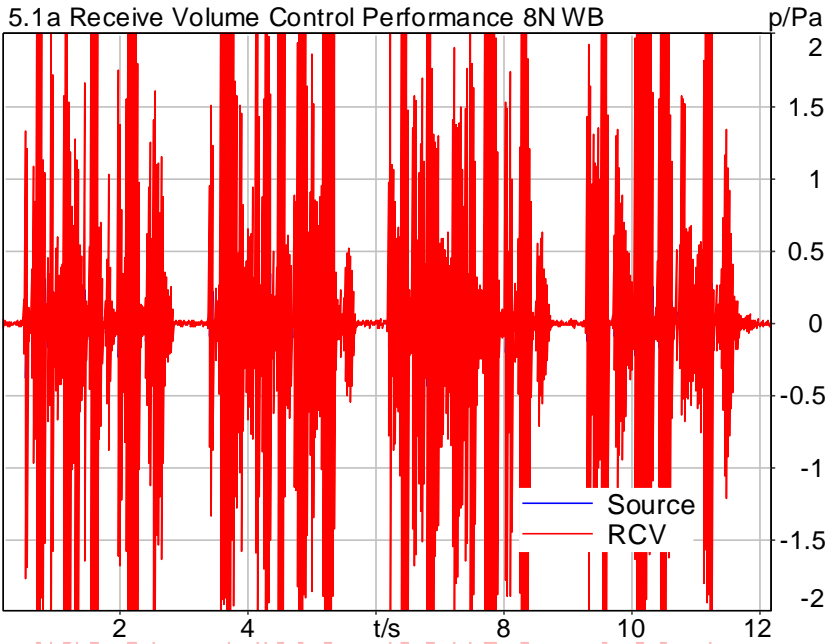
Delay (Cross): 160.7 ms

2023/10/21 下午 11:56 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 90.30 dB[SPL], Act.: 59.53% Ok

Ok

2023/10/21 下午 11:57 ACQUA 5.1.200

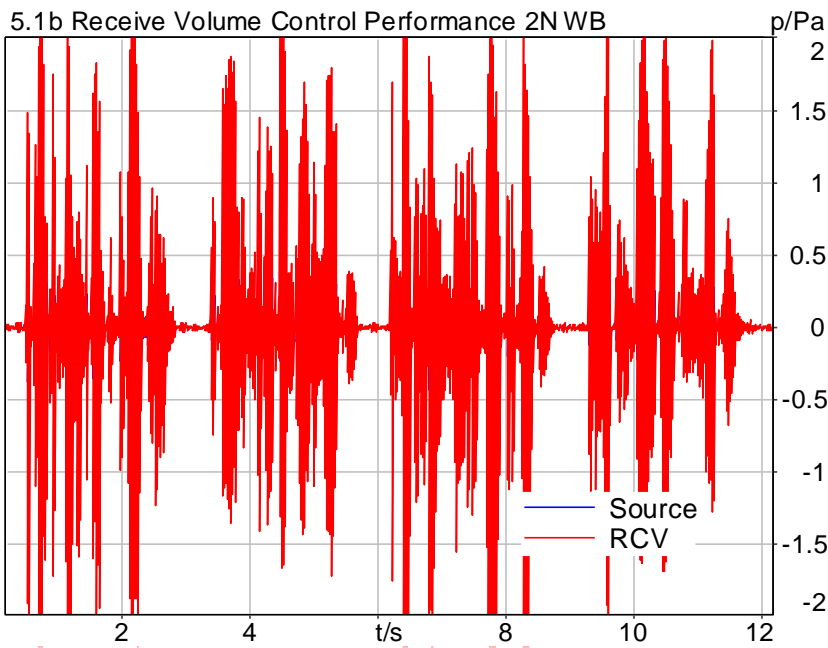
**Limits**

	<b>lower</b>
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 88.17 dB[SPL], Act.: 34.04% Ok

Ok

2023/10/21 下午 11:58 ACQUA 5.1.200

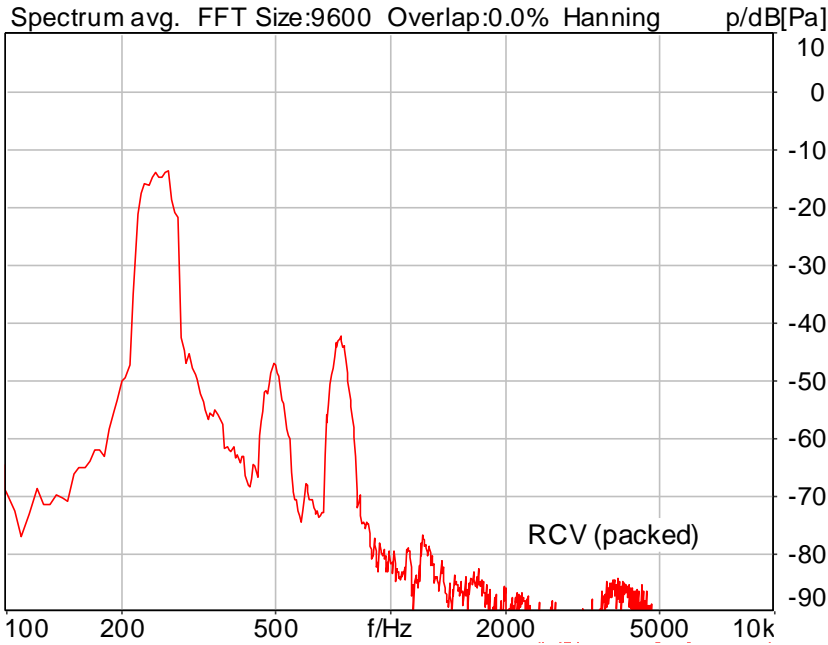
**Limits**

	<b>lower</b>
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): 28.08 dB (3.95%) Ok

Ok

2023/10/21 下午 11:58 ACQUA 5.1.200

Limits

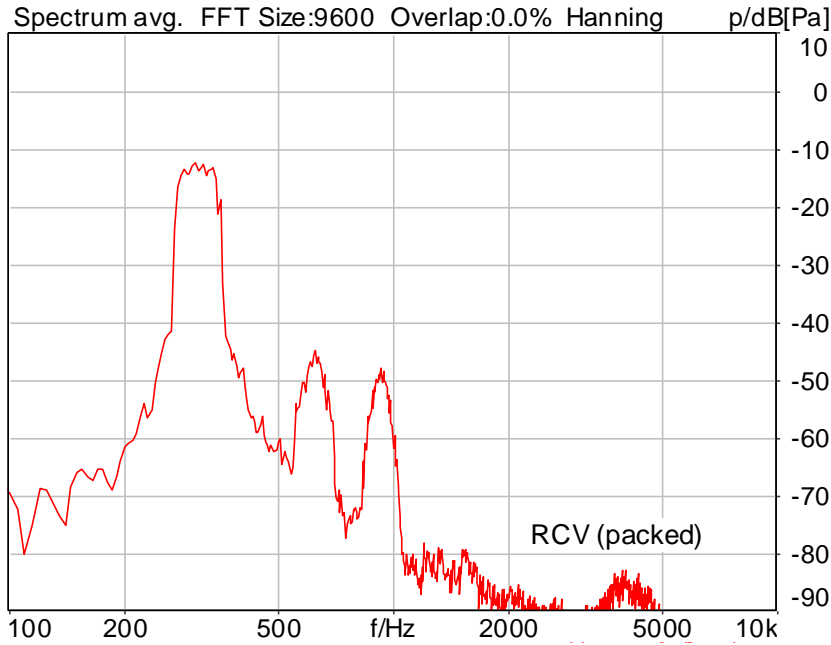
	lower
Run 1	20.00 dB





### 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): 31.61 dB (2.63%) Ok

Ok

2023/10/21 下午 11:59 ACQUA 5.1.200

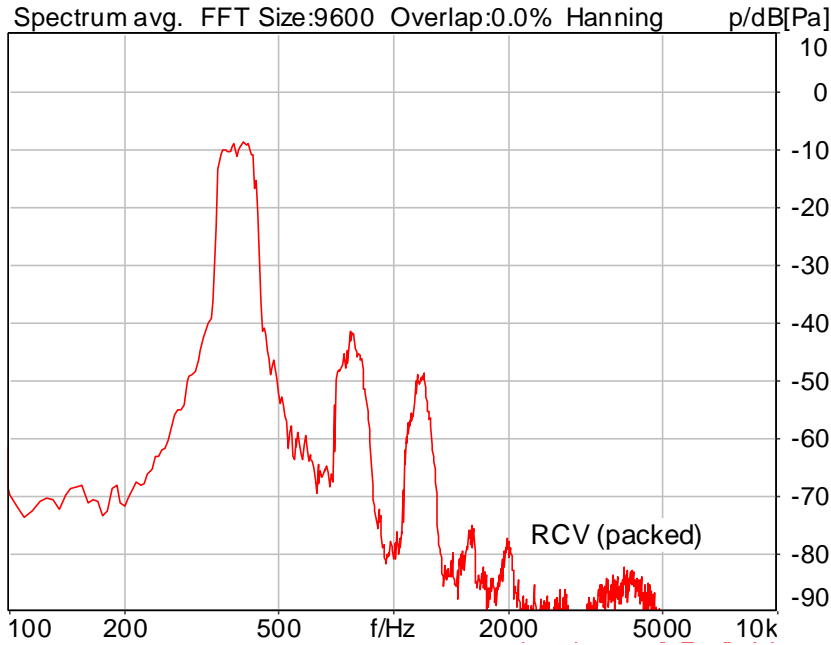
Limits

	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): 32.60 dB (2.35%) Ok

Ok

2023/10/21 下午 11:59 ACQUA 5.1.200

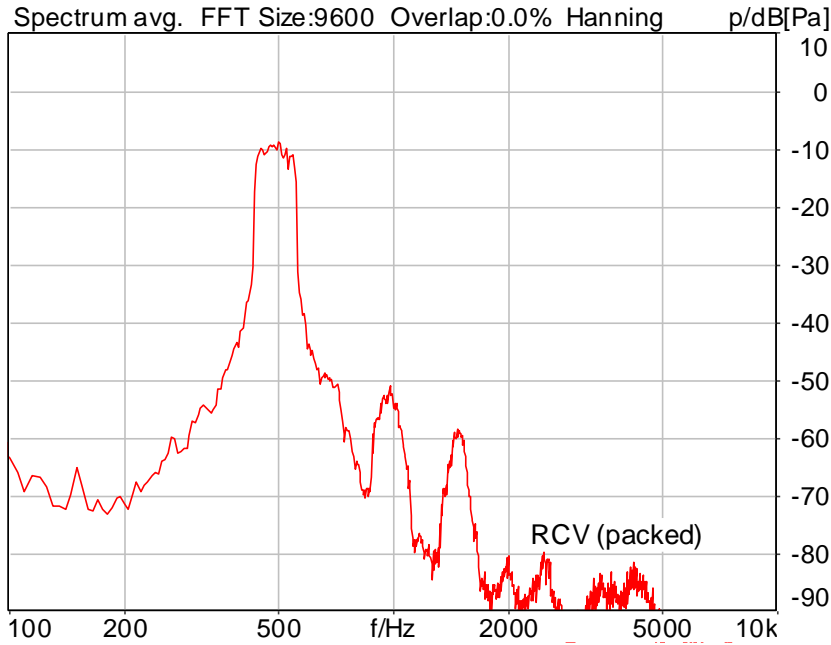
Limits

	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): 35.96 dB (1.59%) Ok

Ok

2023/10/22 上午 12:00 ACQUA 5.1.200

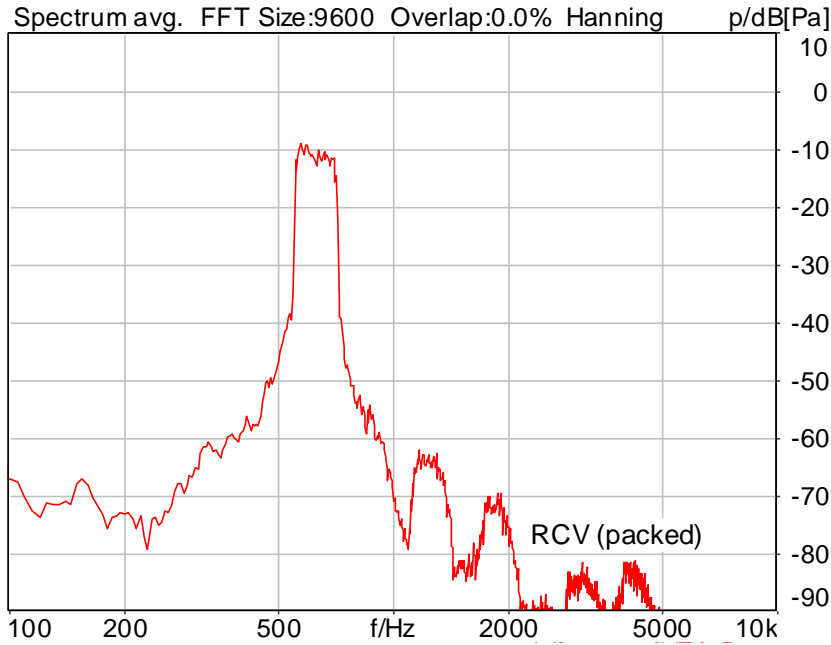
Limits

	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): 39.05 dB (1.12%) Ok

Ok

2023/10/22 上午 12:00 ACQUA 5.1.200

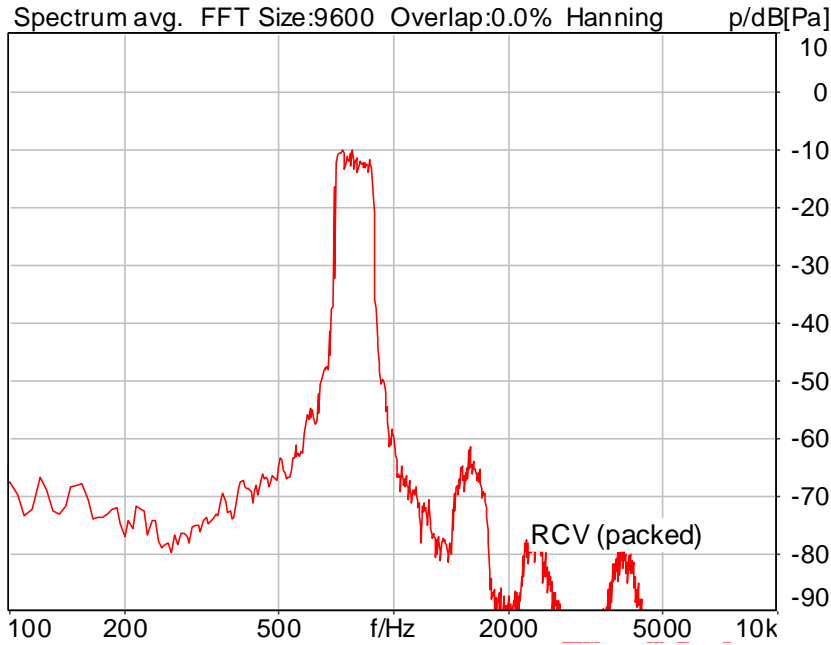
Limits

	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): 41.52 dB (0.84%) Ok

Ok

2023/10/22 上午 12:01 ACQUA 5.1.200

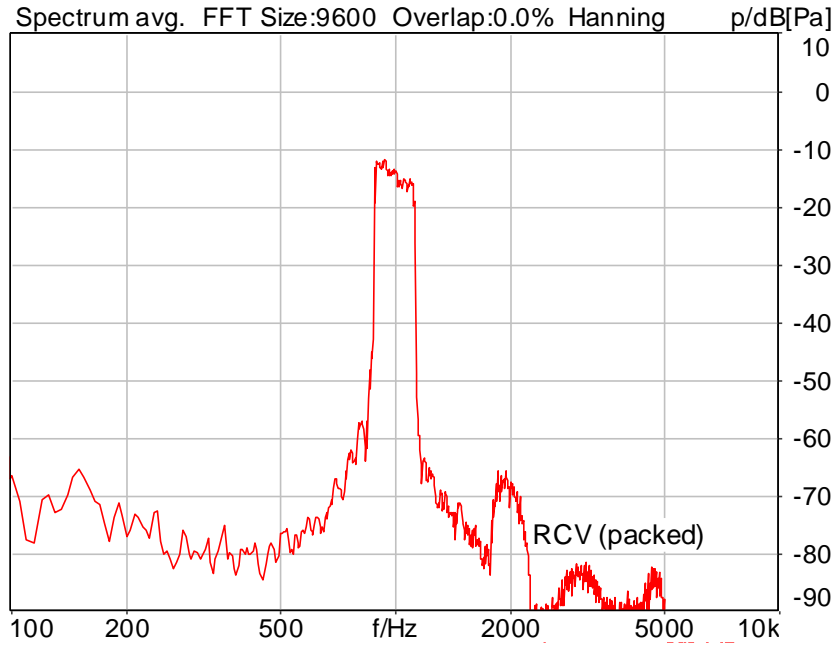
Limits

	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): 46.04 dB (0.50%) Ok

Ok

2023/10/22 上午 12:01 ACQUA 5.1.200

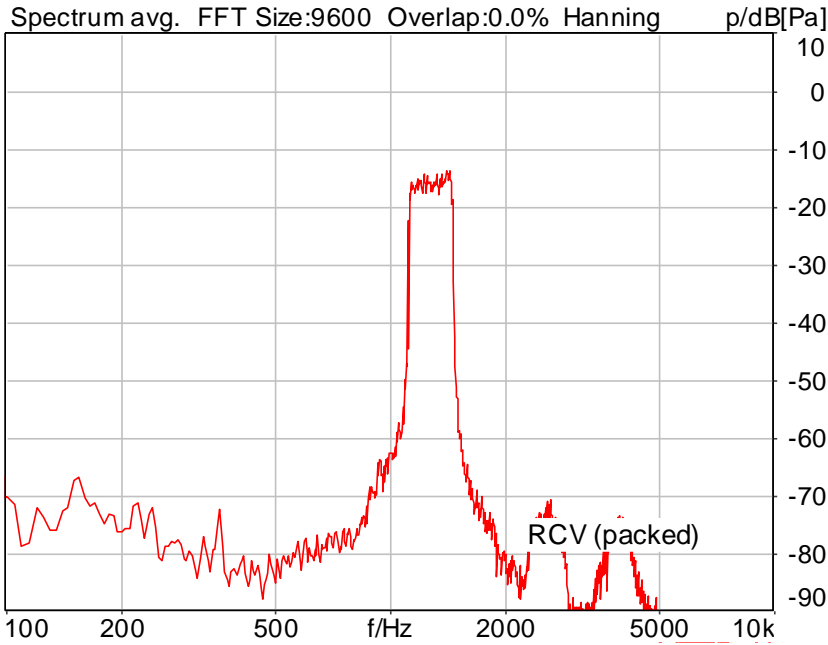
Limits

	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): 33.19 dB (2.19%) Ok

Ok

2023/10/22 上午 12:02 ACQUA 5.1.200

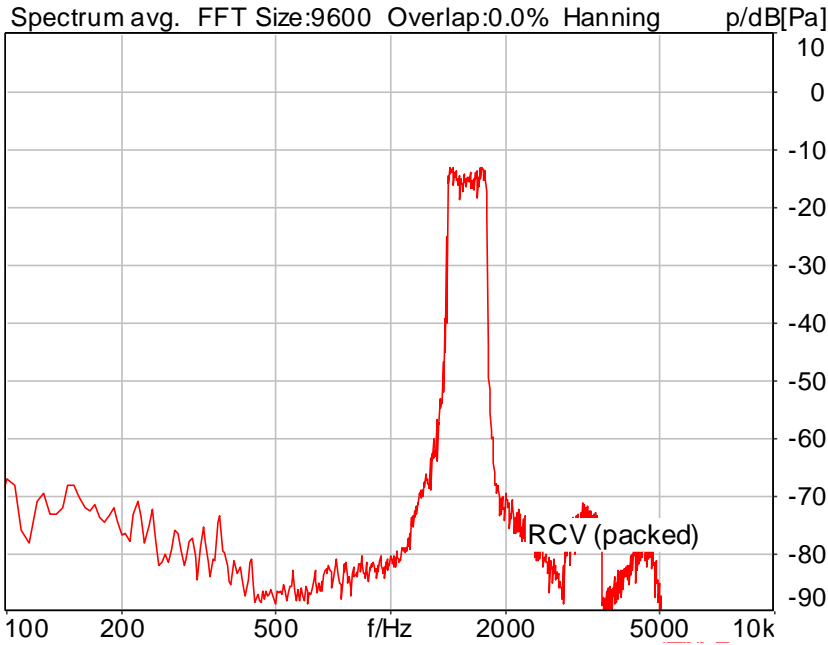
Limits

	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



Ok

2023/10/22 上午 12:02 ACQUA 5.1.200

Limits

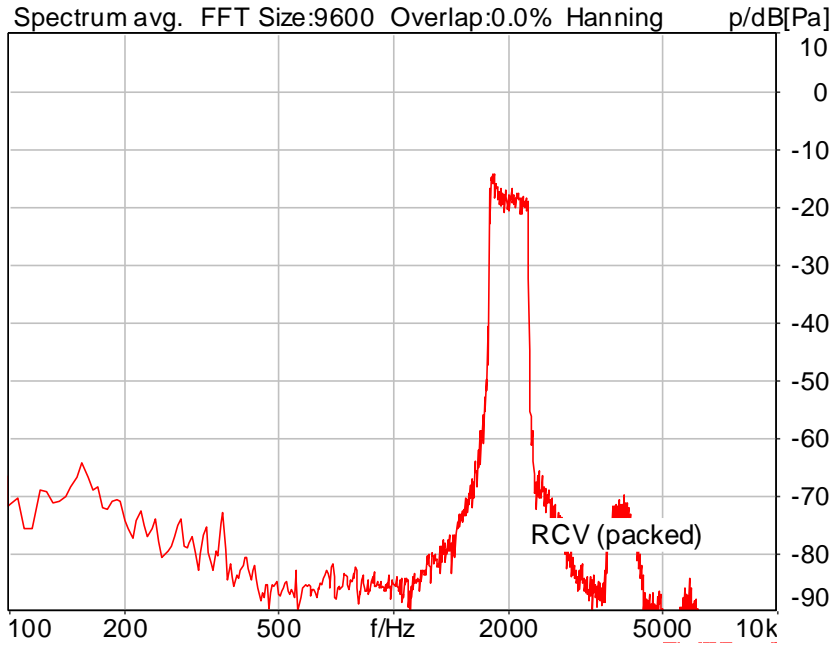
	lower
Run 1	20.00 dB





### 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): 42.93 dB (0.71%) Ok

**Ok**

2023/10/22 上午 12:03 ACQUA 5.1.200

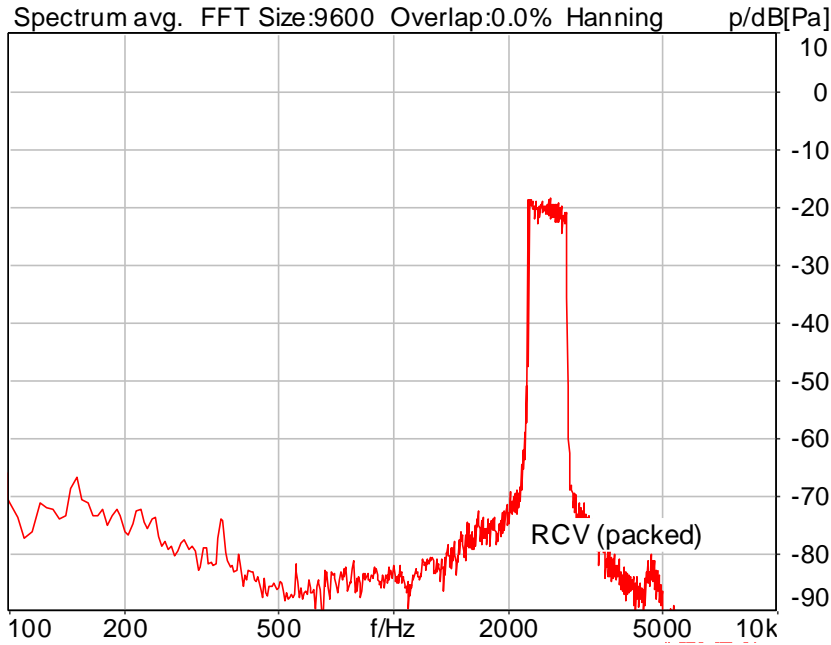
**Limits**

	<b>lower</b>
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): 46.26 dB (0.49%) Ok

**Ok**

2023/10/22 上午 12:03 ACQUA 5.1.200

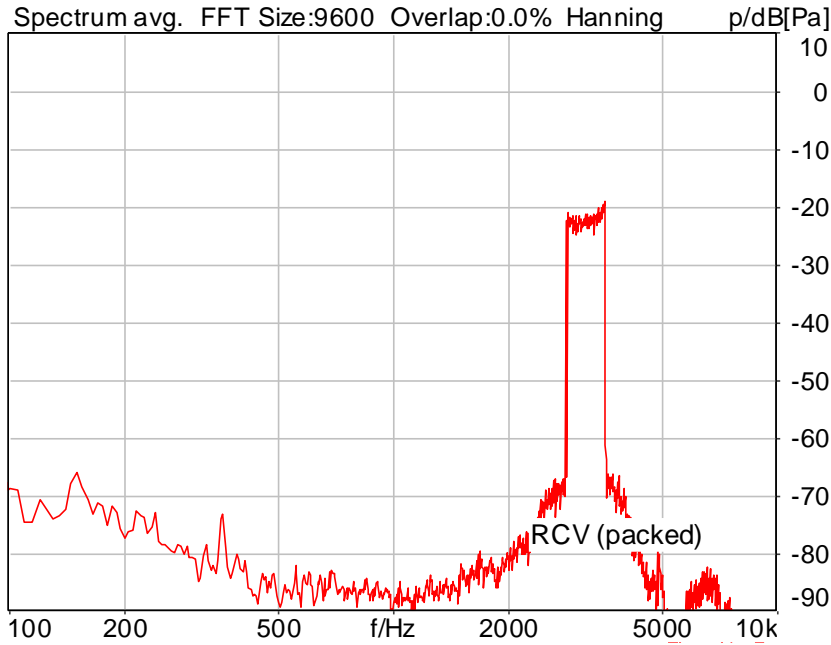
**Limits**

	<b>lower</b>
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): 44.70 dB (0.58%) Ok

Ok

2023/10/22 上午 12:04 ACQUA 5.1.200

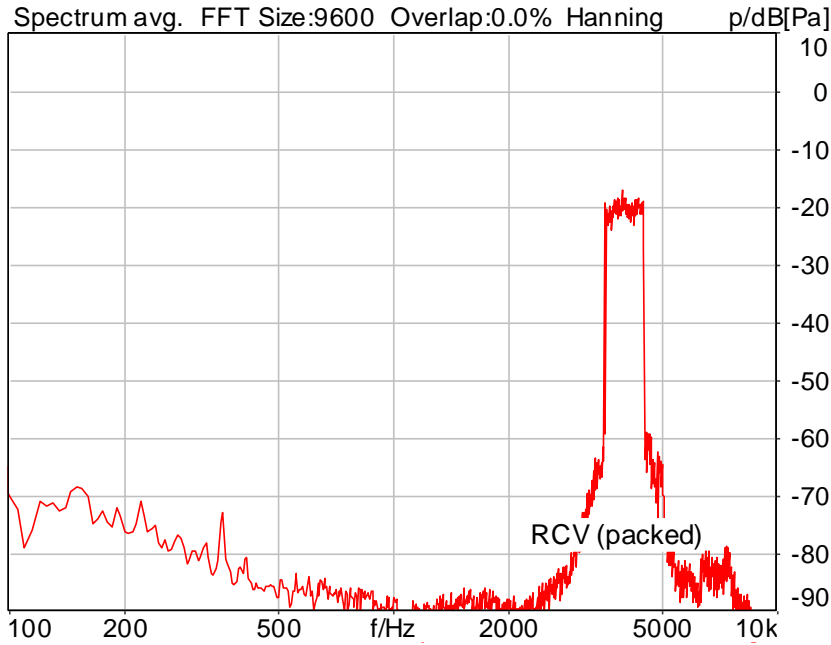
Limits

	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): 43.60 dB (0.66%) Ok

Ok

2023/10/22 上午 12:04 ACQUA 5.1.200

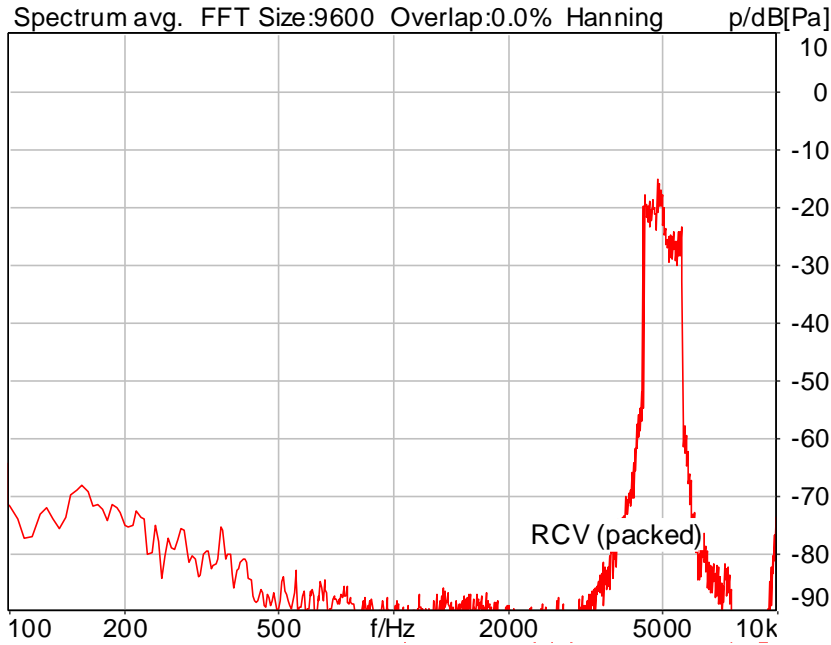
Limits

	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): 40.63 dB (0.93%) Ok

Ok

2023/10/22 上午 12:04 ACQUA 5.1.200

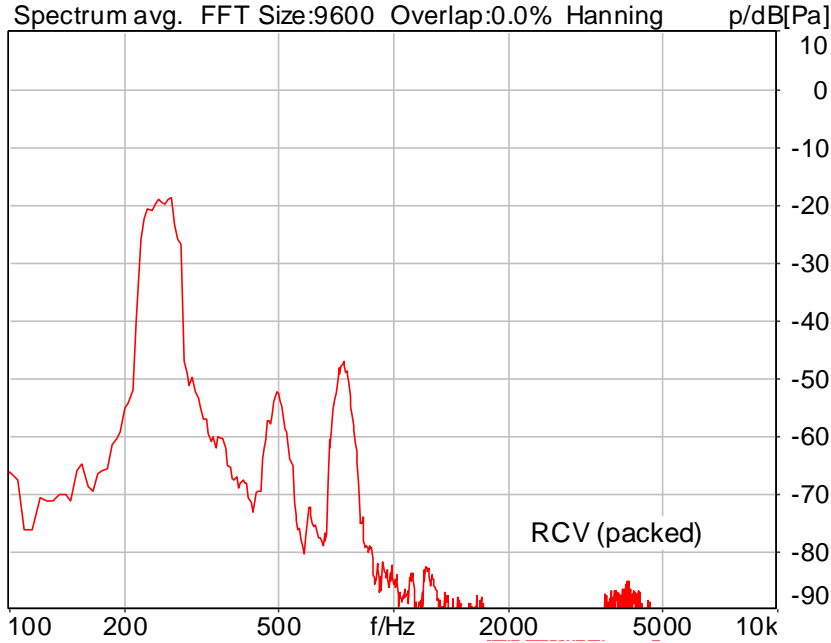
Limits

	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): 28.00 dB (3.98%) Ok

Ok

2023/10/22 上午 12:05 ACQUA 5.1.200

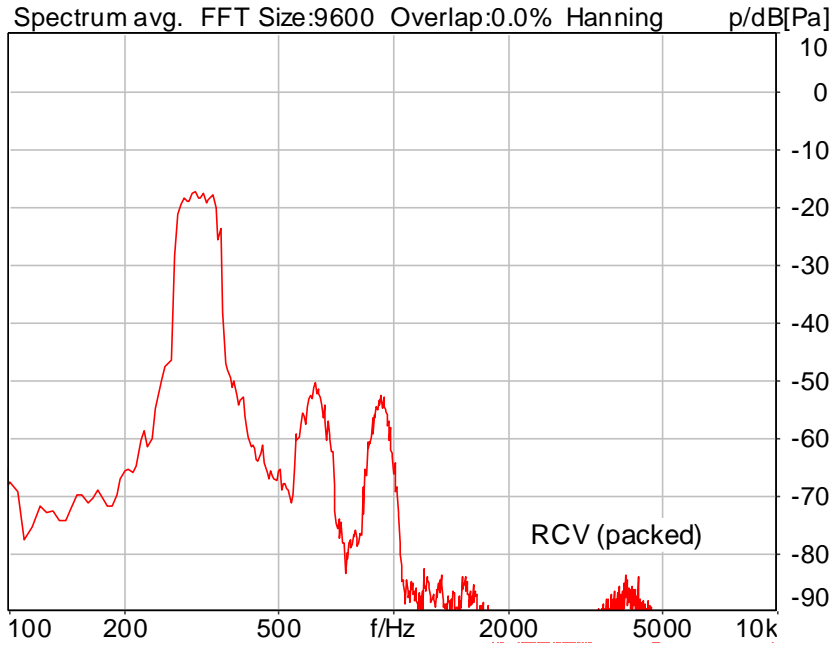
Limits

	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): 31.78 dB (2.58%) Ok

**Ok**

2023/10/22 上午 12:06 ACQUA 5.1.200

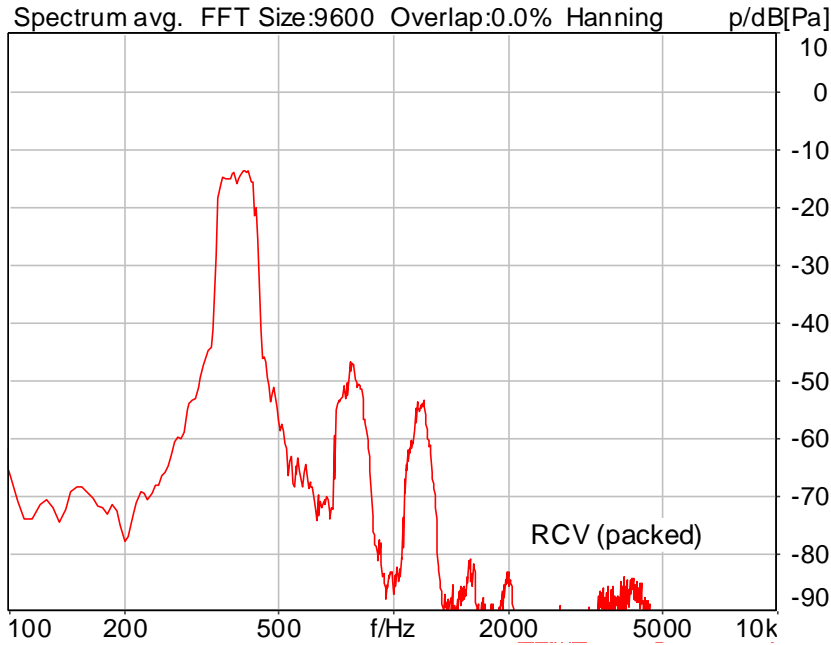
**Limits**

	<b>lower</b>
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): 32.89 dB (2.27%) Ok

Ok

2023/10/22 上午 12:06 ACQUA 5.1.200

Limits

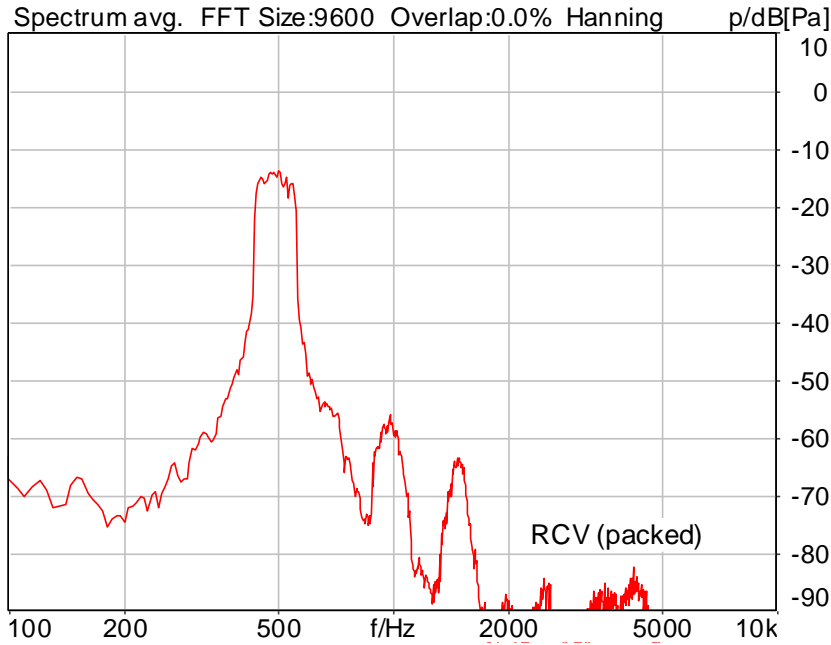
	lower
Run 1	20.00 dB





### 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): 35.98 dB (1.59%) Ok

Ok

2023/10/22 上午 12:07 ACQUA 5.1.200

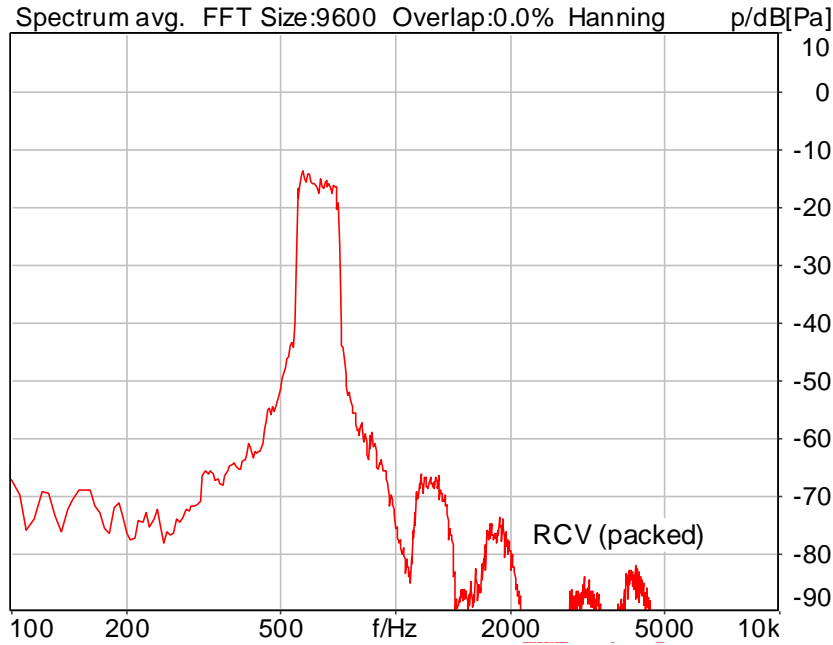
Limits

	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): 38.84 dB (1.14%) Ok

Ok

2023/10/22 上午 12:07 ACQUA 5.1.200

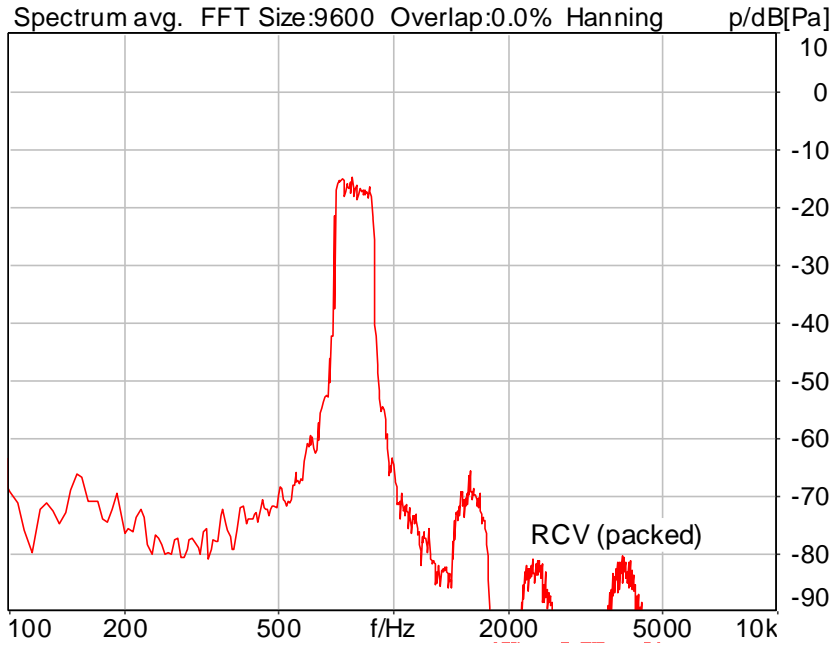
Limits

	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): 41.49 dB (0.84%) Ok

Ok

2023/10/22 上午 12:08 ACQUA 5.1.200

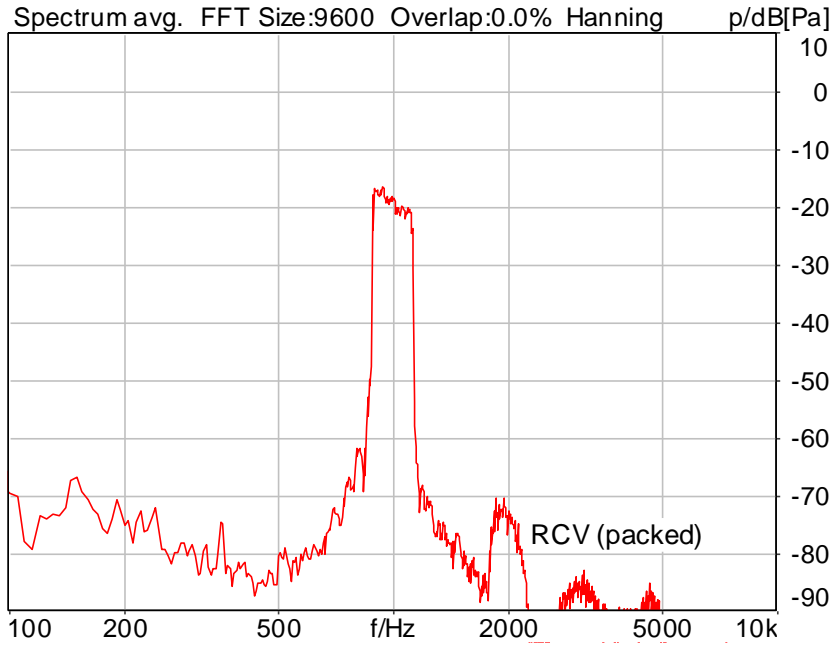
Limits

	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): 46.02 dB (0.50%) Ok

Ok

2023/10/22 上午 12:08 ACQUA 5.1.200

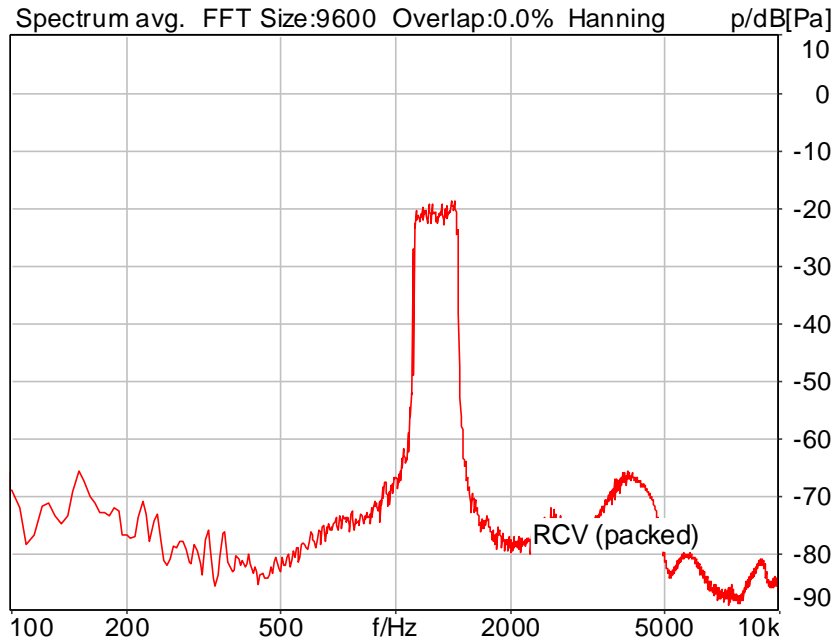
Limits

	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



Ok

2023/10/22 上午 12:09 ACQUA 5.1.200

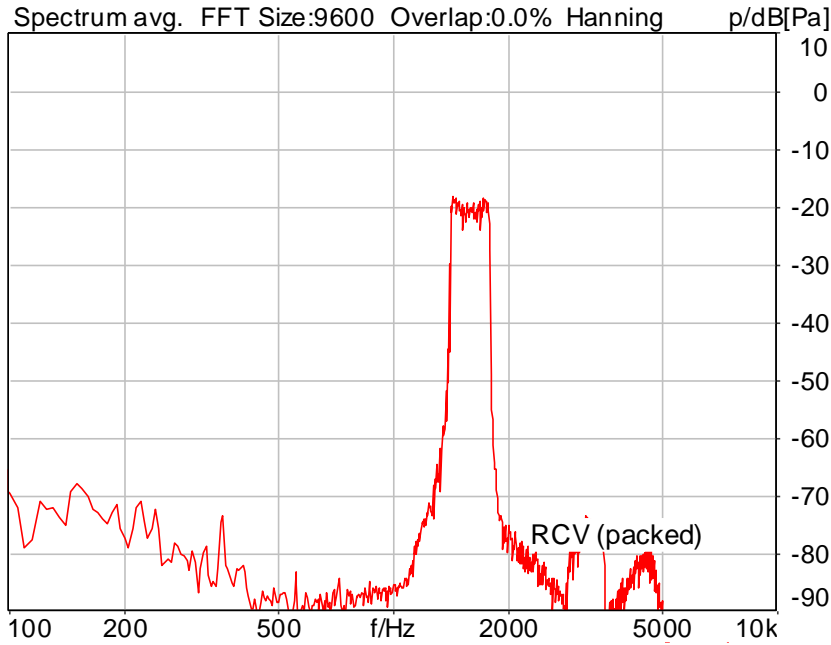
Limits

	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): 44.19 dB (0.62%) Ok

Ok

2023/10/22 上午 12:09 ACQUA 5.1.200

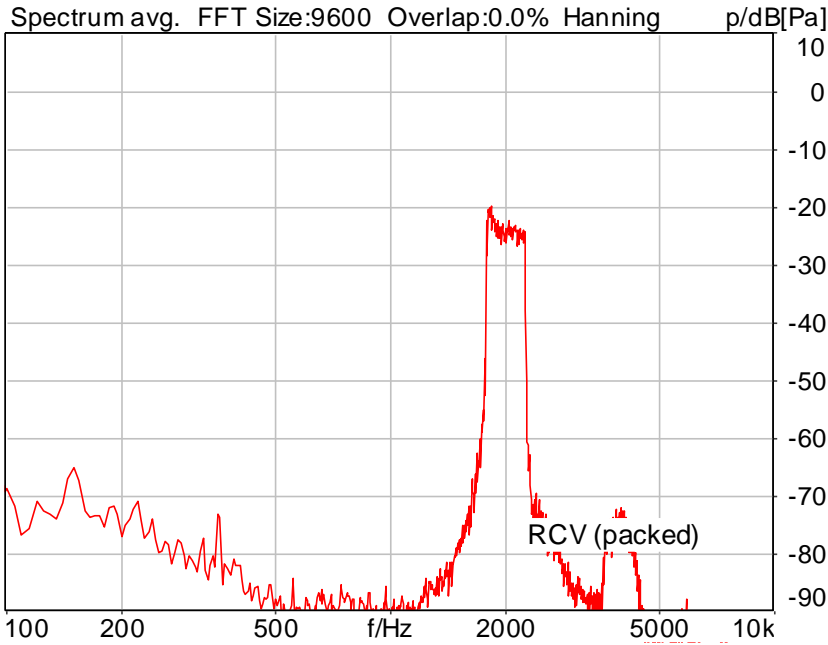
Limits

	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): 41.26 dB (0.87%) Ok

Ok

2023/10/22 上午 12:10 ACQUA 5.1.200

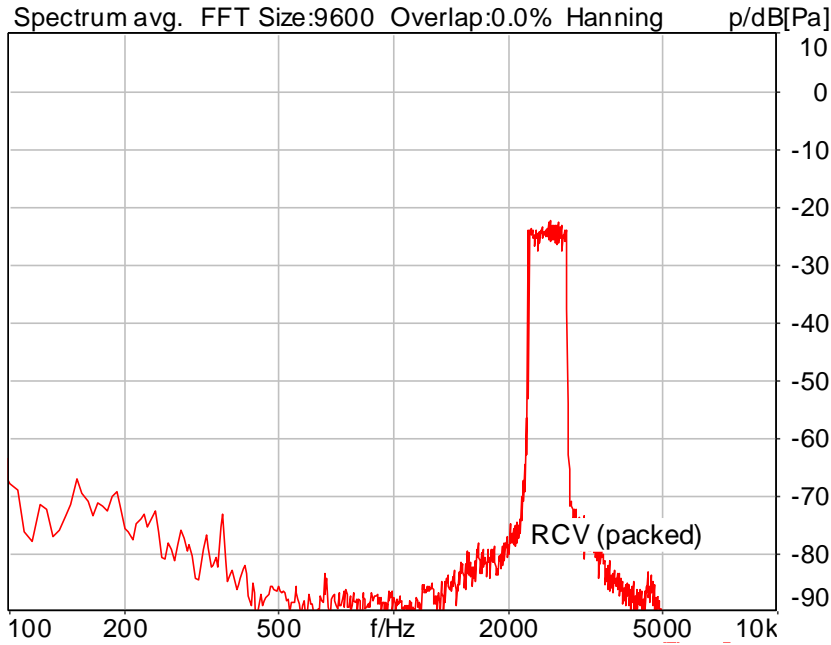
Limits

	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): 46.01 dB (0.50%) Ok

Ok

2023/10/22 上午 12:10 ACQUA 5.1.200

Limits

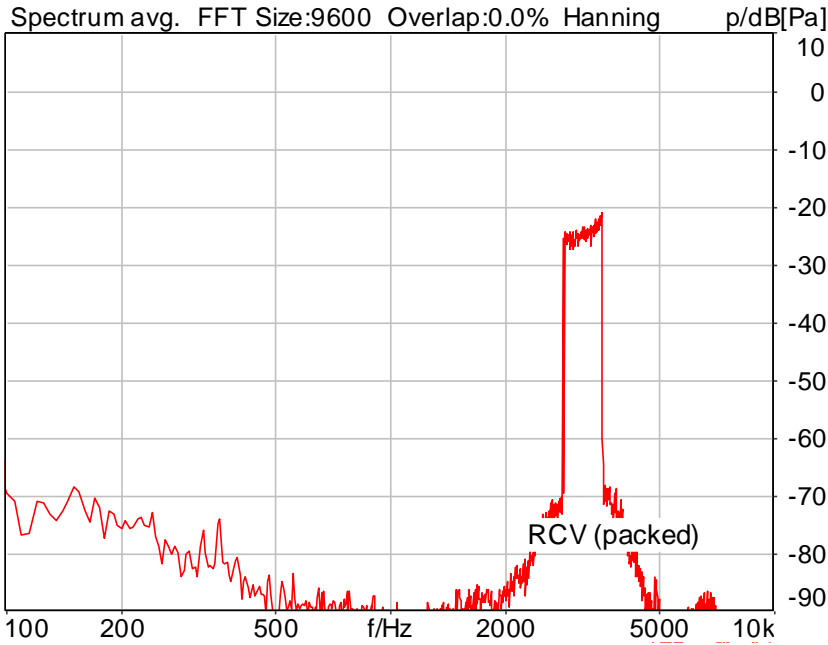
	lower
Run 1	20.00 dB





### 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): 45.28 dB (0.54%) Ok

**Ok**

2023/10/22 上午 12:11 ACQUA 5.1.200

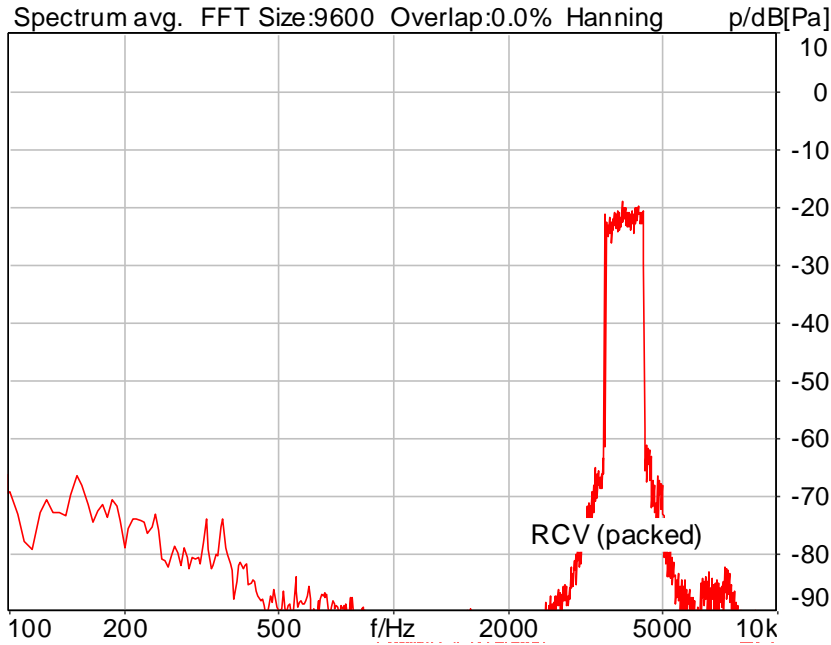
**Limits**

	<b>lower</b>
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): 44.59 dB (0.59%) Ok

Ok

2023/10/22 上午 12:11 ACQUA 5.1.200

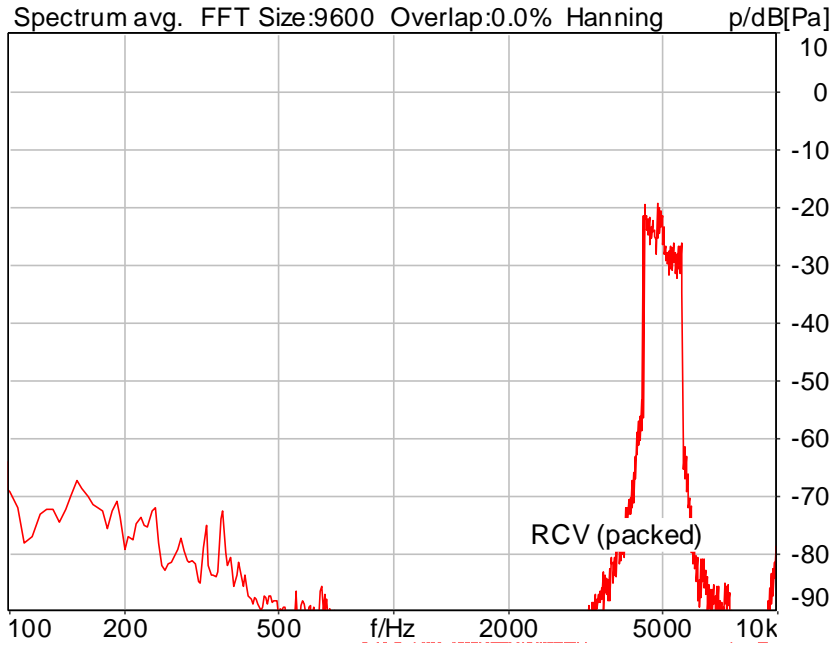
Limits

	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): 39.43 dB (1.07%) Ok

Ok

2023/10/22 上午 12:12 ACQUA 5.1.200

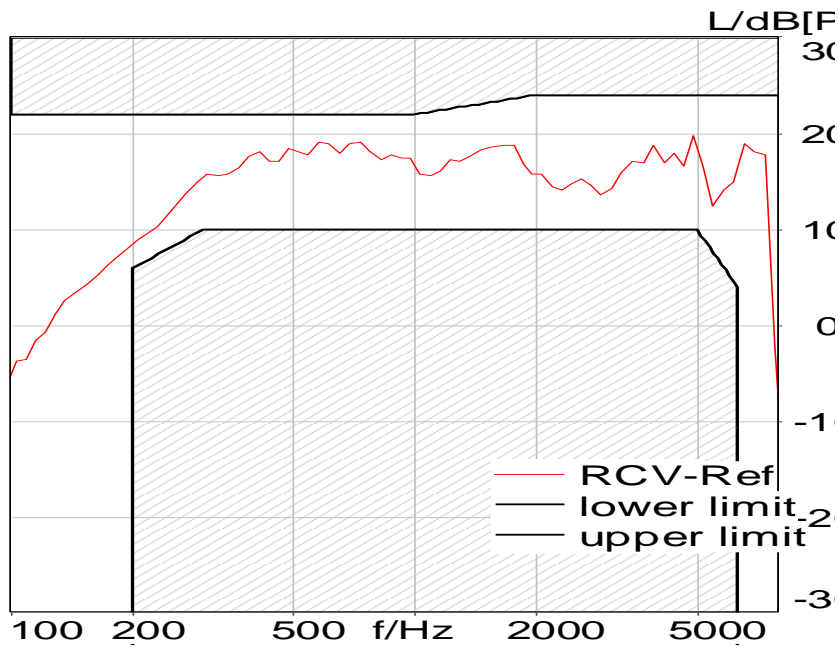
Limits

	lower
Run 1	20.00 dB



### 5.3 Frequency Response 8N FF

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



Absolute minimal distance  
2.80 dB at 576.7 Hz Ok

Ok

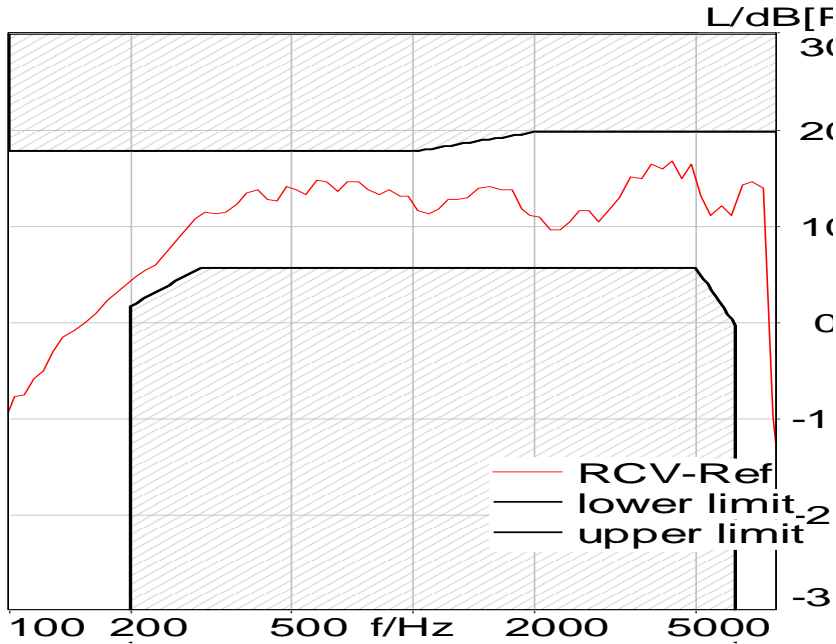
2023/10/22 上午 12:12 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance

### 5.3 Frequency Response 2N FF

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



Absolute minimal distance  
2.86 dB at 576.7 Hz Ok

Ok

2023/10/22 上午 12:13 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



#3 LTE B7 EVS WB 24.4Kbps

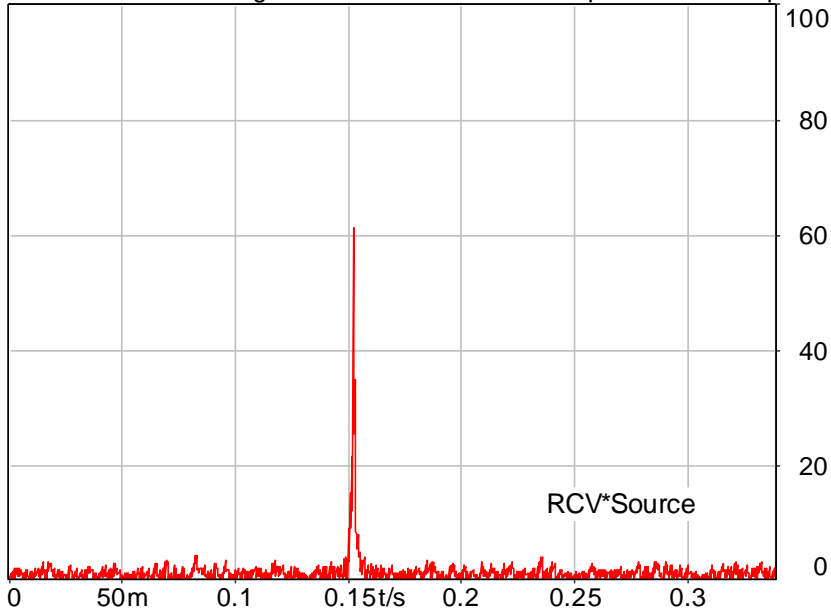
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	152.6
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	90.14
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.49
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.30
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.76
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.62
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.89
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.99
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.59
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.02
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.20
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.72
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	42.06
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.21
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.84
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.78
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	40.50
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.16
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.03
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.92
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.49
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.67
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.41
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.97
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.99
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.09
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.14
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.56
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.37
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.58
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.91
5.3 Frequency Response 8N FF	Ok	Min. dist. to tolerance scheme [dB], 2883.7 Hz	2.26
5.3 Frequency Response 2N FF	Ok	Min. dist. to tolerance scheme [dB], 205.7 Hz	2.78



### Overall Receive Delay WB

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

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



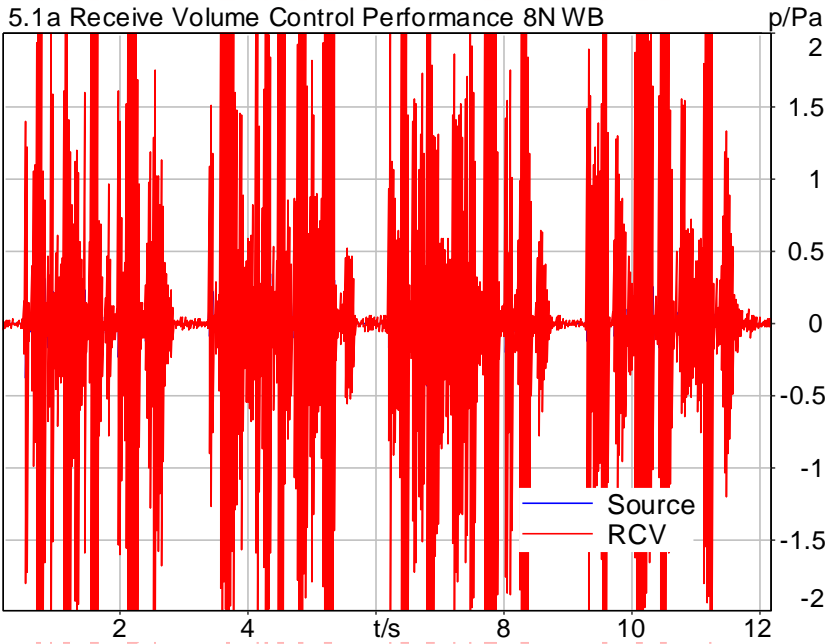
Delay (Cross): 152.6 ms

2023/10/31 上午 09:58 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 90.14 dB[SPL], Act.: 59.52% Ok

Ok

2023/10/31 上午 09:59 ACQUA 5.1.200

**Limits**

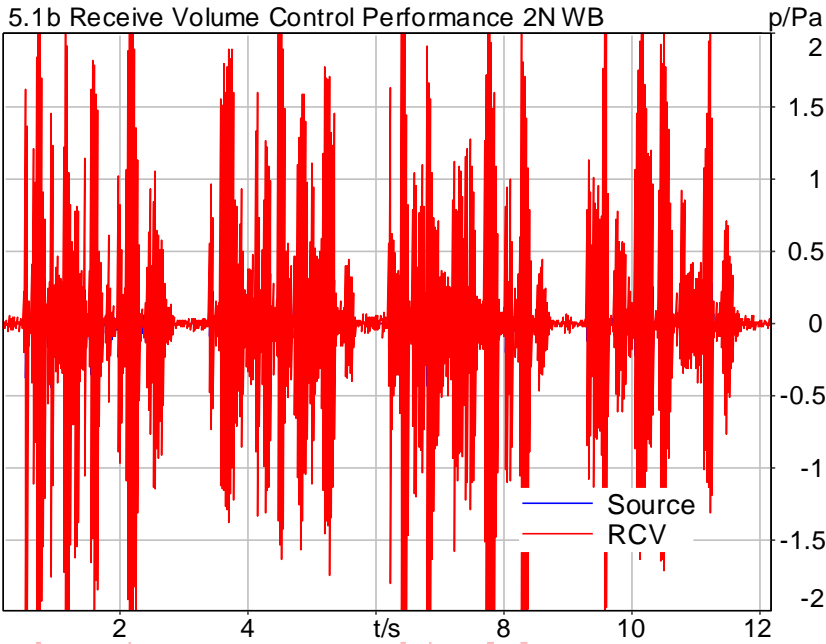
	lower
Run 1	88.00 dB20uPa





### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 87.49 dB[SPL], Act.: 39.67% Ok

Ok

2023/10/31 上午 10:00 ACQUA 5.1.200

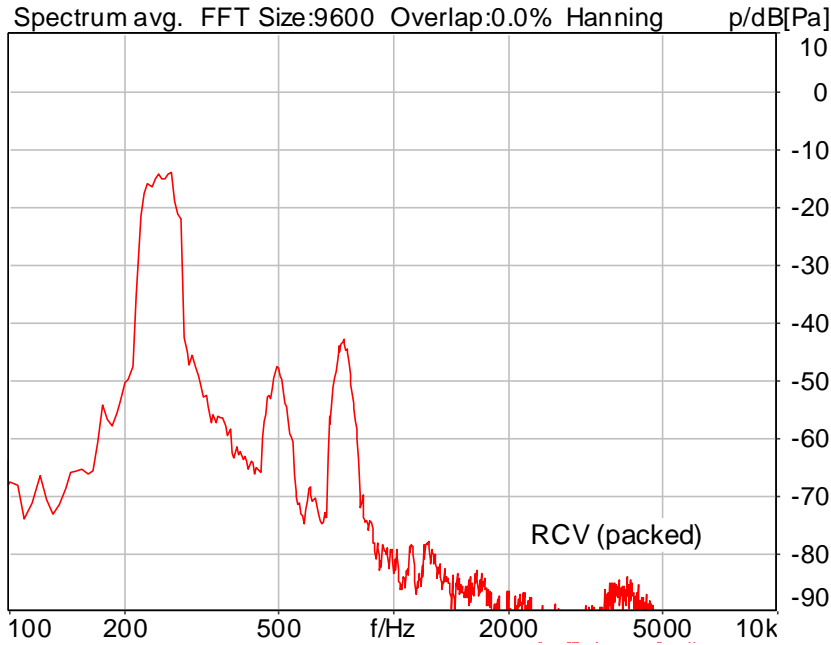
**Limits**

	<b>lower</b>
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): 28.30 dB (3.84%) Ok

Ok

2023/10/31 上午 10:00 ACQUA 5.1.200

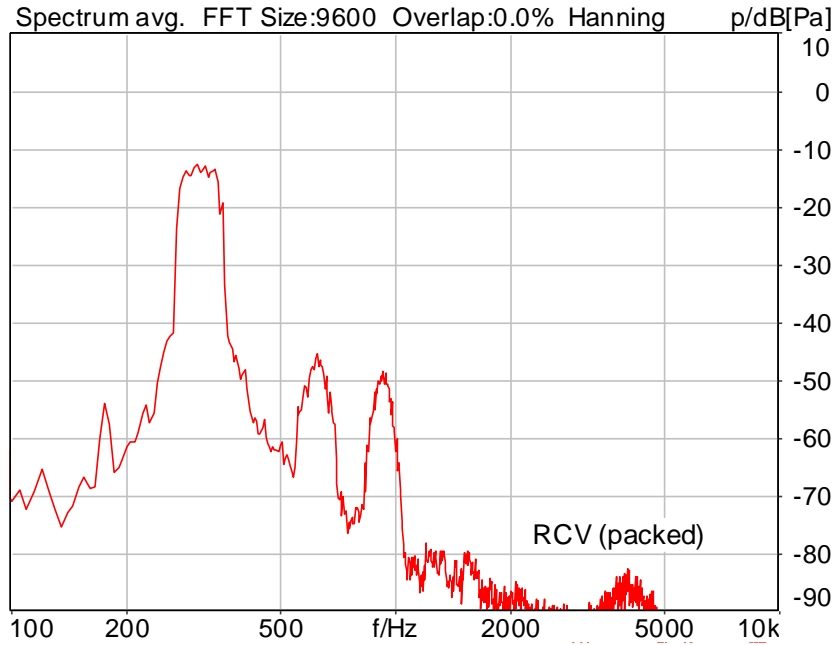
Limits

	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): 31.76 dB (2.58%) Ok

Ok

2023/10/31 上午 10:01 ACQUA 5.1.200

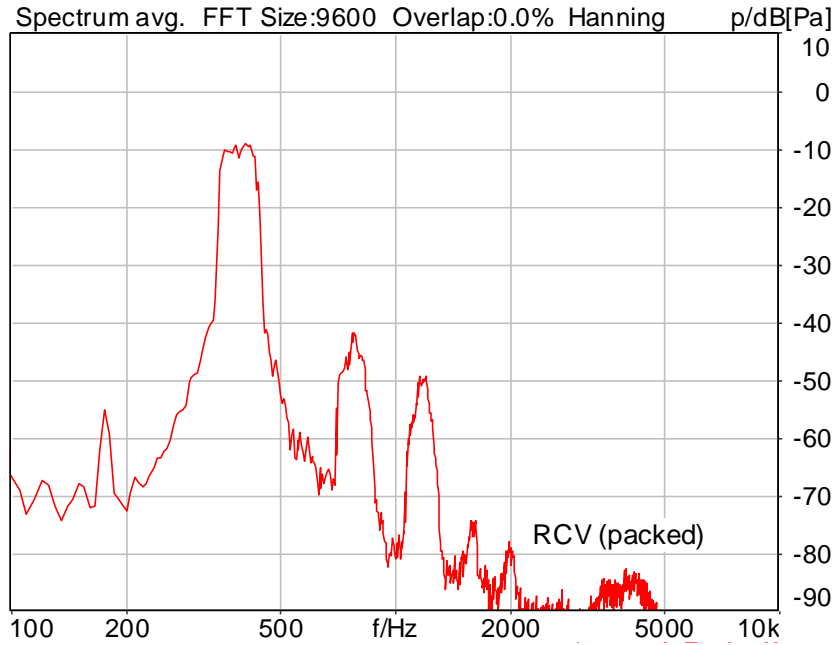
Limits

	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): 32.62 dB (2.34%) Ok

Ok

2023/10/31 上午 10:01 ACQUA 5.1.200

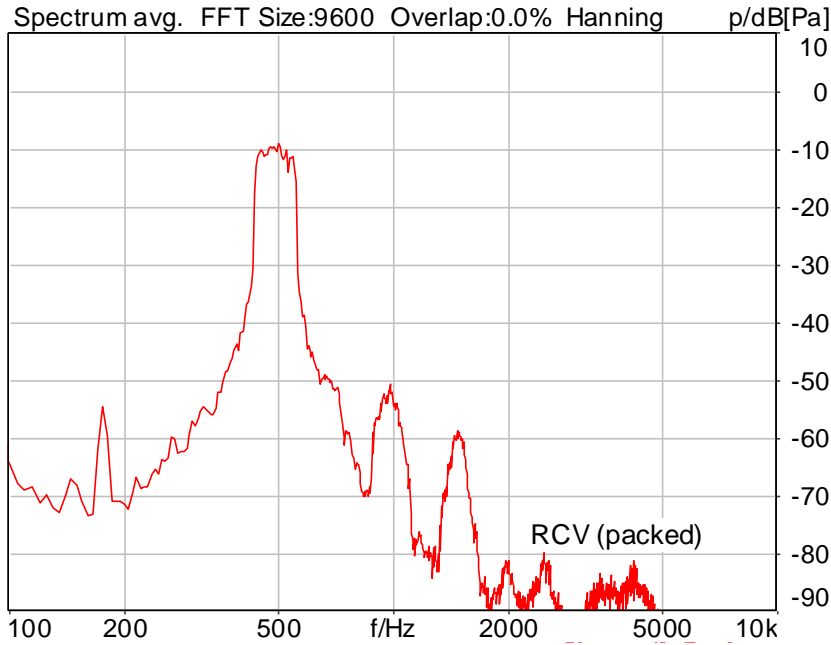
Limits

	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): 35.89 dB (1.61%) Ok

Ok

2023/10/31 上午 10:02 ACQUA 5.1.200

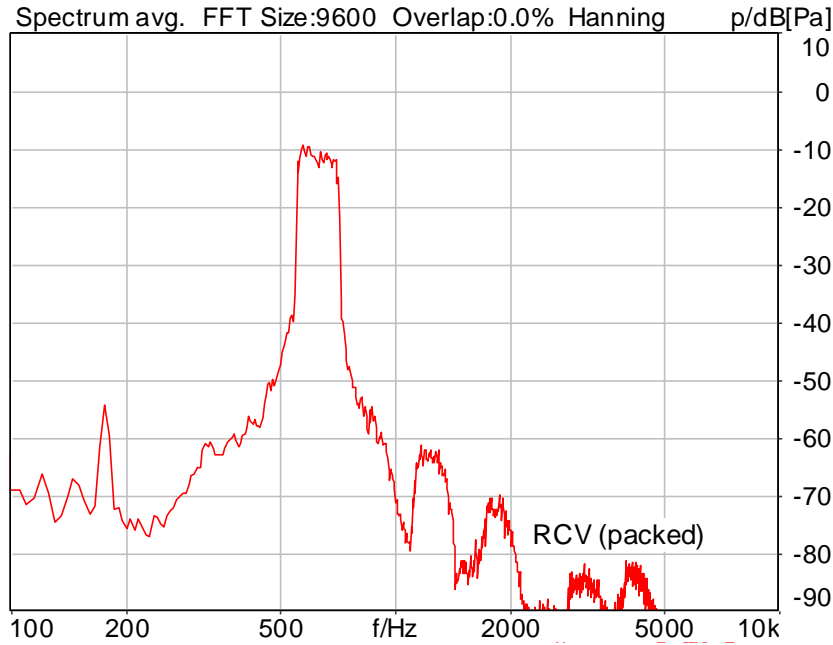
Limits

	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): 38.99 dB (1.12%) Ok

Ok

2023/10/31 上午 10:02 ACQUA 5.1.200

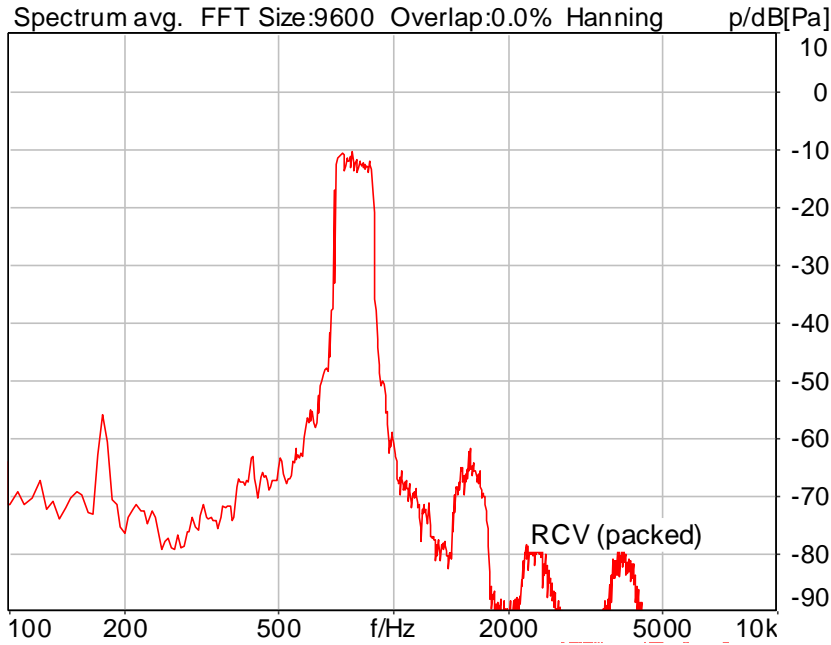
Limits

	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): 41.59 dB (0.83%) Ok

Ok

2023/10/31 上午 10:03 ACQUA 5.1.200

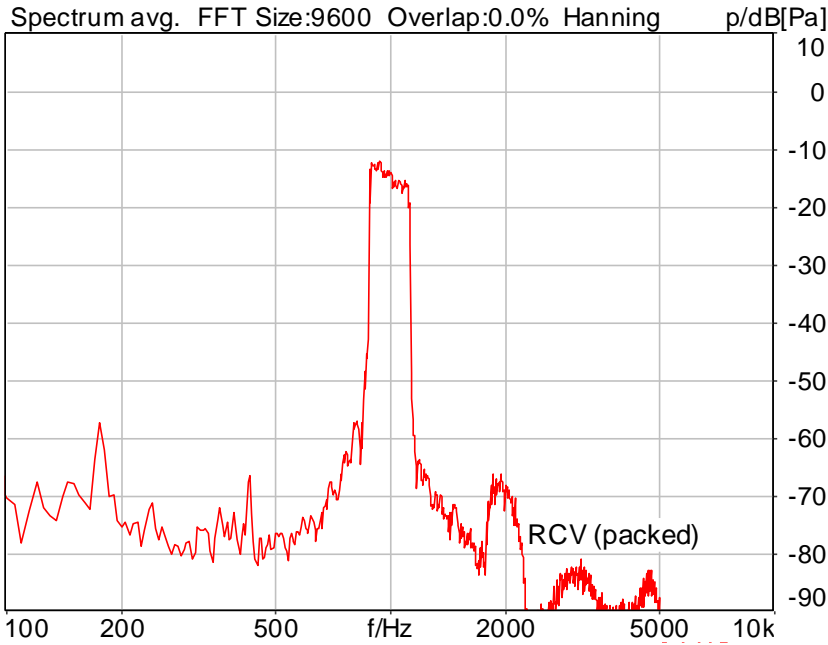
Limits

	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): 46.02 dB (0.50%) Ok

Ok

2023/10/31 上午 10:03 ACQUA 5.1.200

Limits

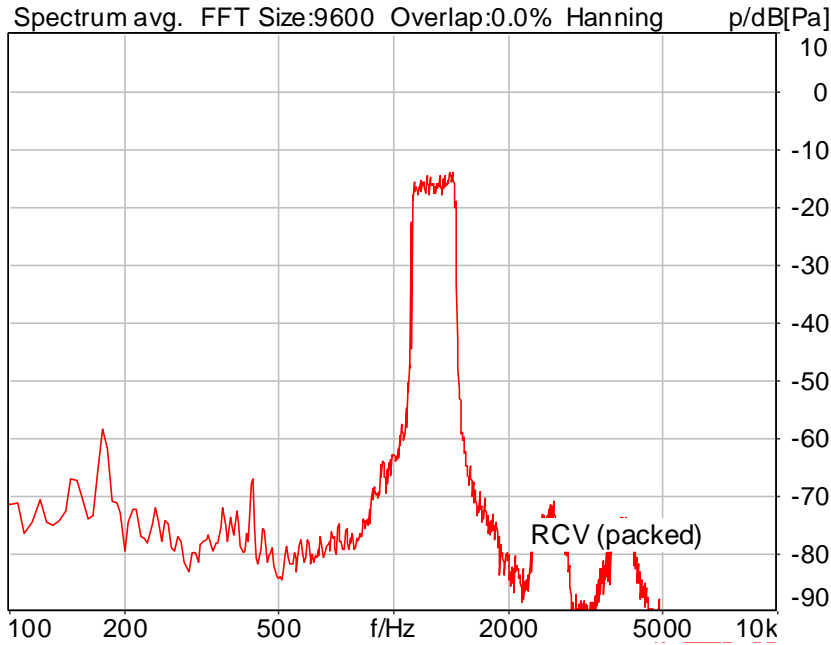
	lower
Run 1	20.00 dB





### 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): 33.20 dB (2.19%) Ok

Ok

2023/10/31 上午 10:04 ACQUA 5.1.200

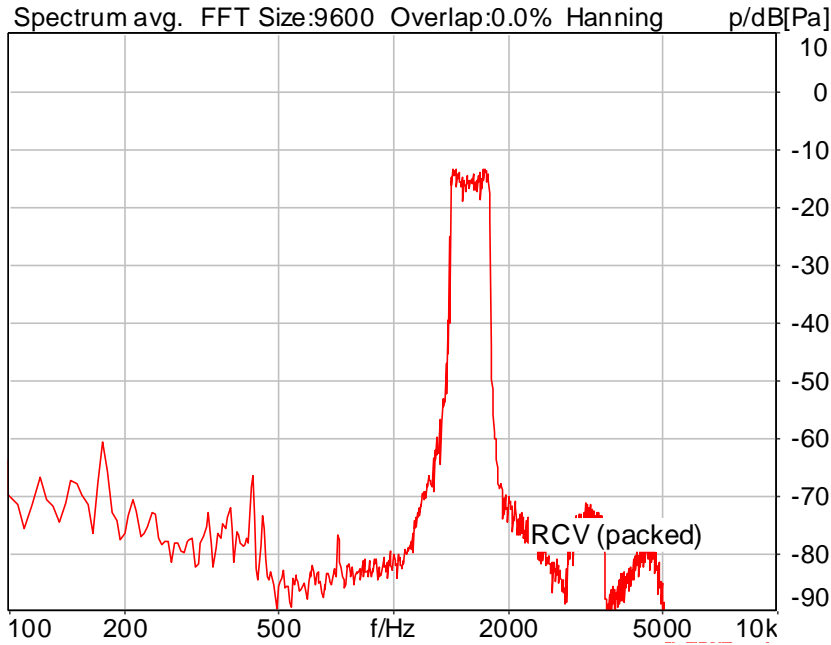
Limits

	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



Ok

2023/10/31 上午 10:04 ACQUA 5.1.200

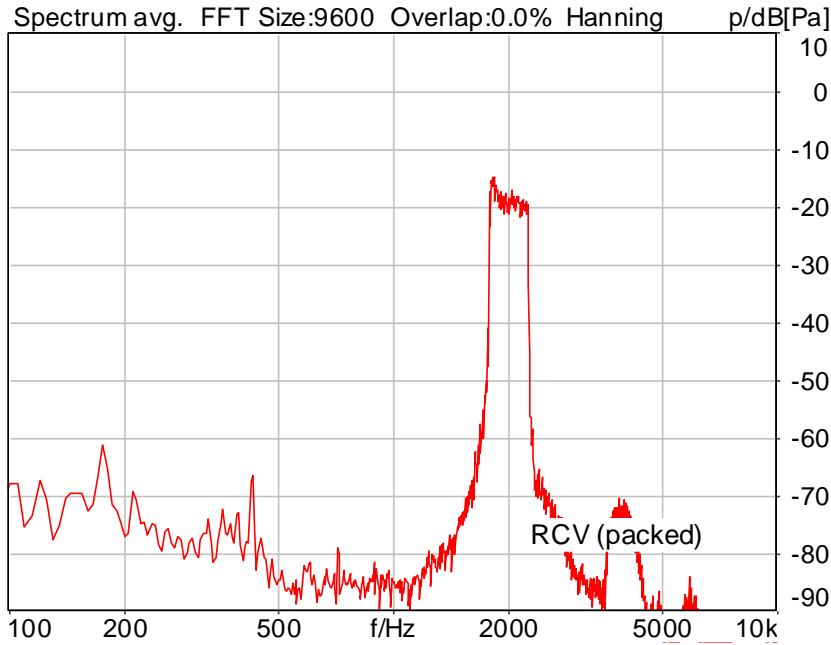
Limits

	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): 42.06 dB (0.79%) Ok

**Ok**

2023/10/31 上午 10:05 ACQUA 5.1.200

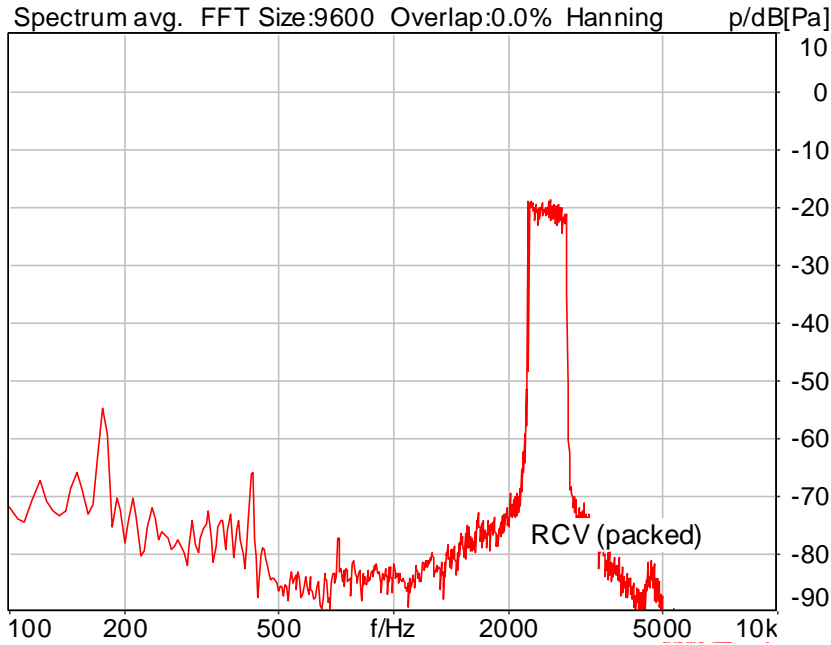
**Limits**

	<b>lower</b>
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): 46.21 dB (0.49%) Ok

Ok

2023/10/31 上午 10:05 ACQUA 5.1.200

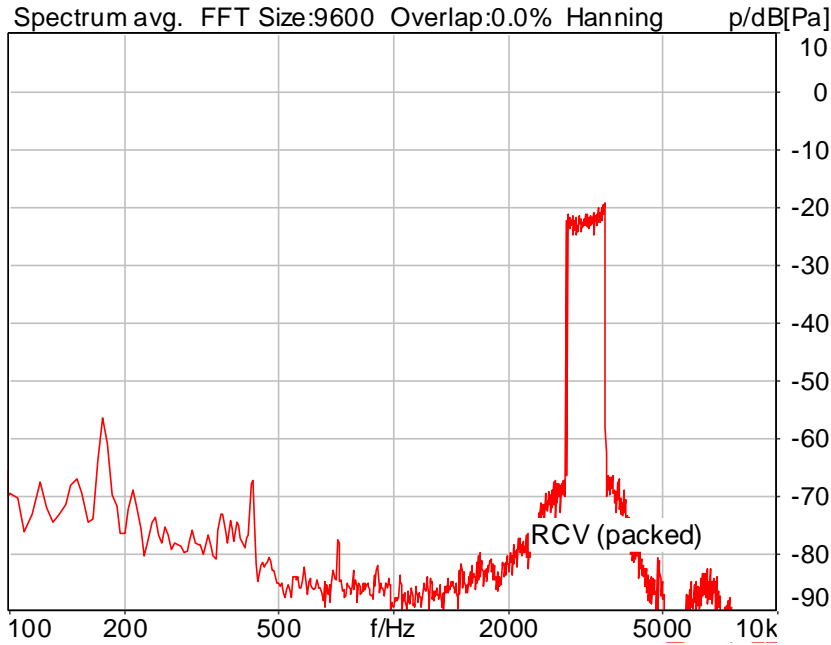
Limits

	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): 44.84 dB (0.57%) Ok

**Ok**

2023/10/31 上午 10:06 ACQUA 5.1.200

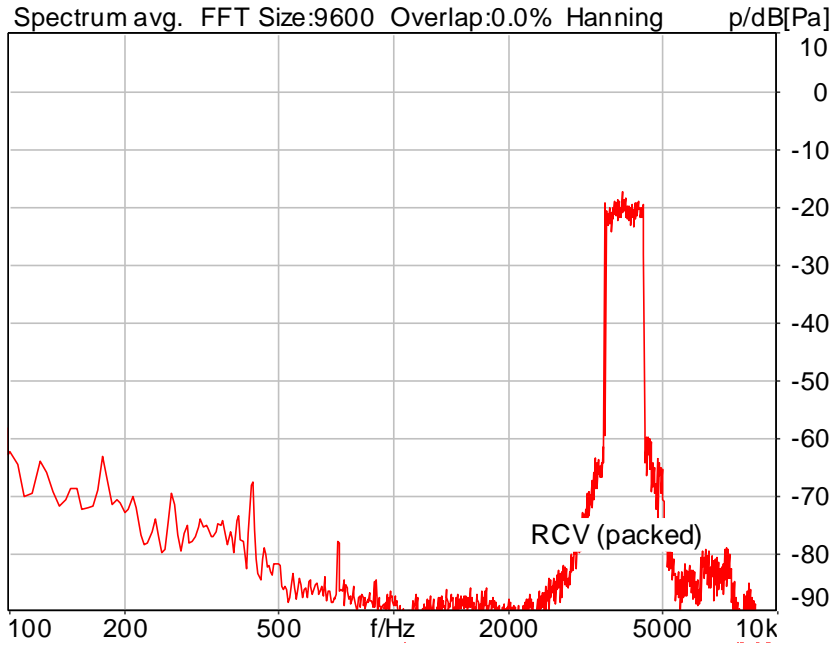
**Limits**

	<b>lower</b>
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): 43.78 dB (0.65%) Ok

**Ok**

2023/10/31 上午 10:06 ACQUA 5.1.200

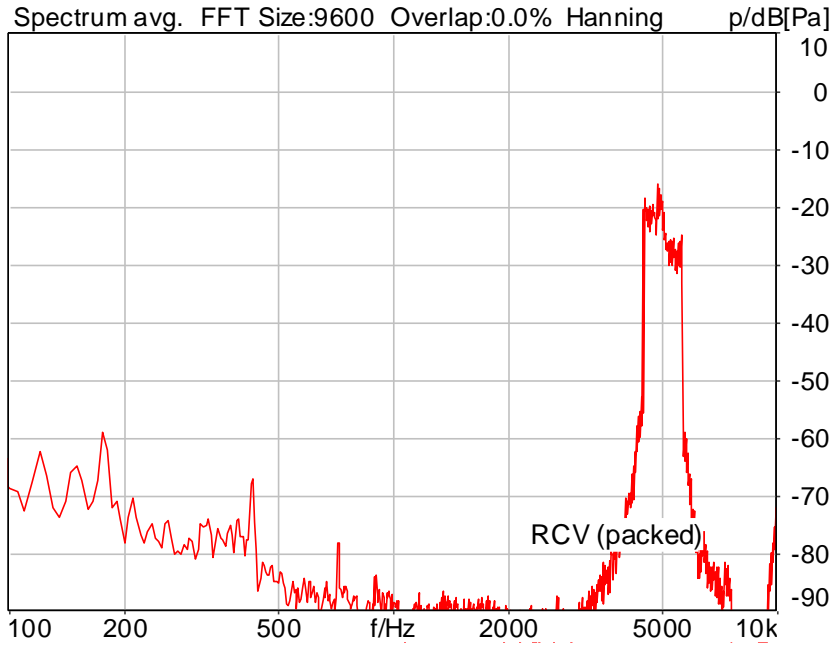
**Limits**

	<b>lower</b>
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): 40.50 dB (0.94%) Ok

Ok

2023/10/31 上午 10:07 ACQUA 5.1.200

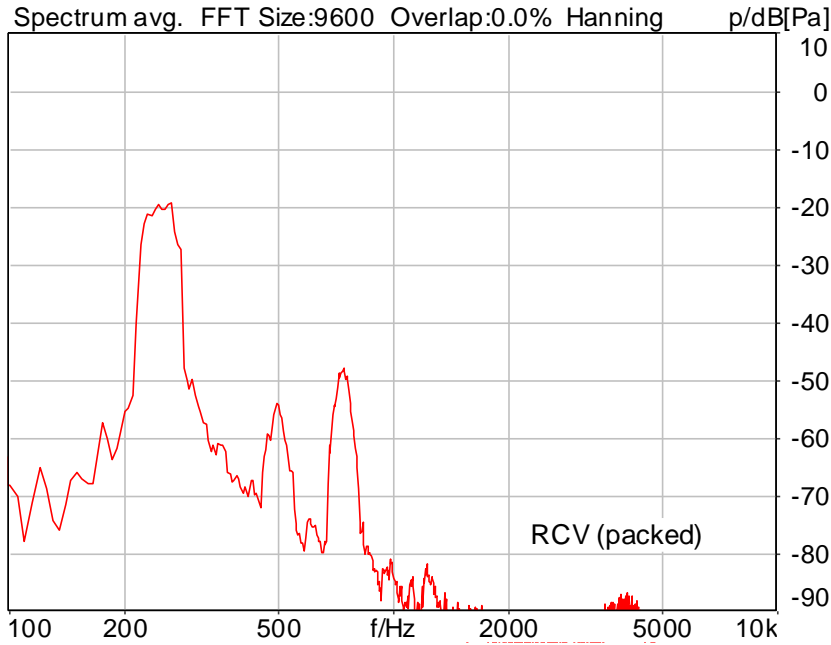
Limits

	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): 28.16 dB (3.91%) Ok

Ok

2023/10/31 上午 10:08 ACQUA 5.1.200

Limits

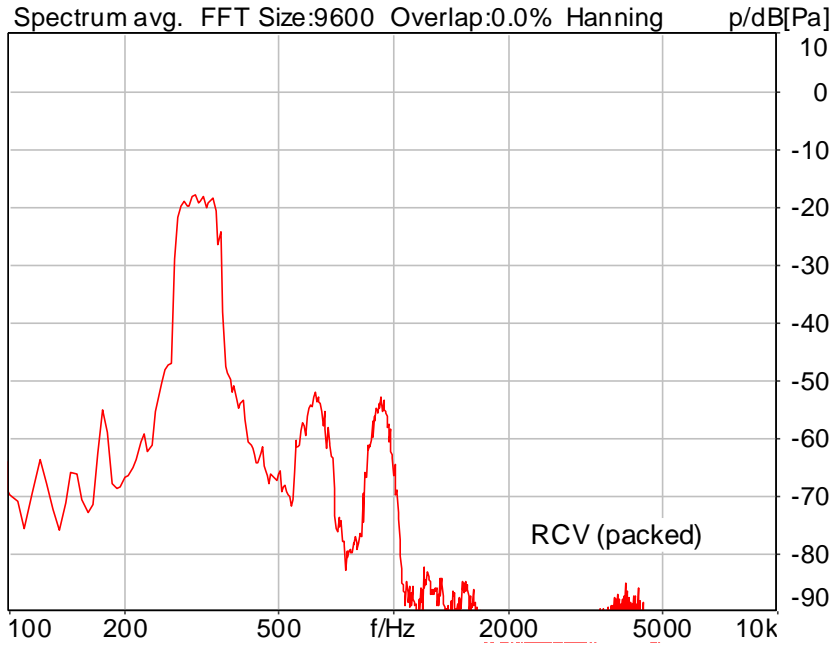
	lower
Run 1	20.00 dB





### 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): 32.03 dB (2.50%) Ok

Ok

2023/10/31 上午 10:08 ACQUA 5.1.200

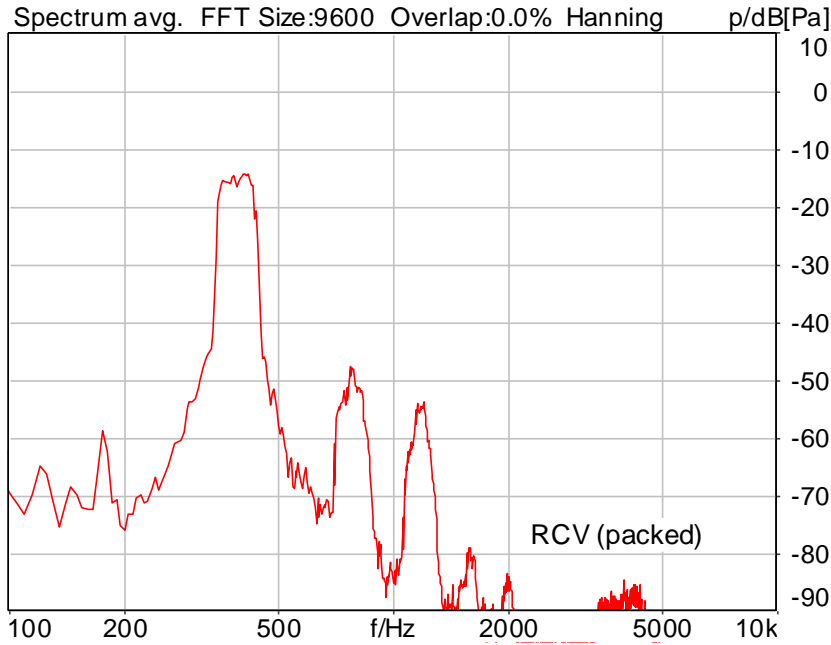
Limits

	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): 32.92 dB (2.26%) Ok

Ok

2023/10/31 上午 10:09 ACQUA 5.1.200

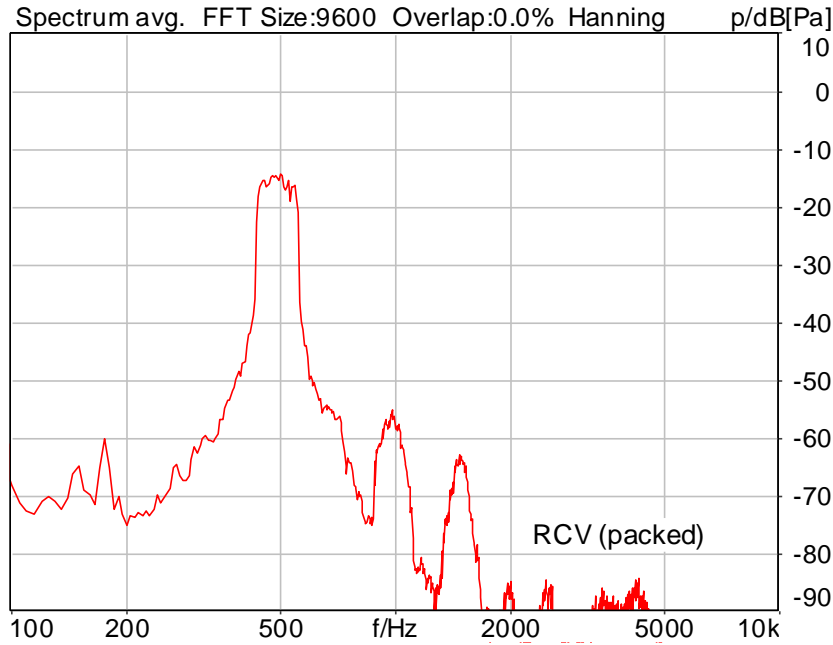
Limits

	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): 35.49 dB (1.68%) Ok

Ok

2023/10/31 上午 10:09 ACQUA 5.1.200

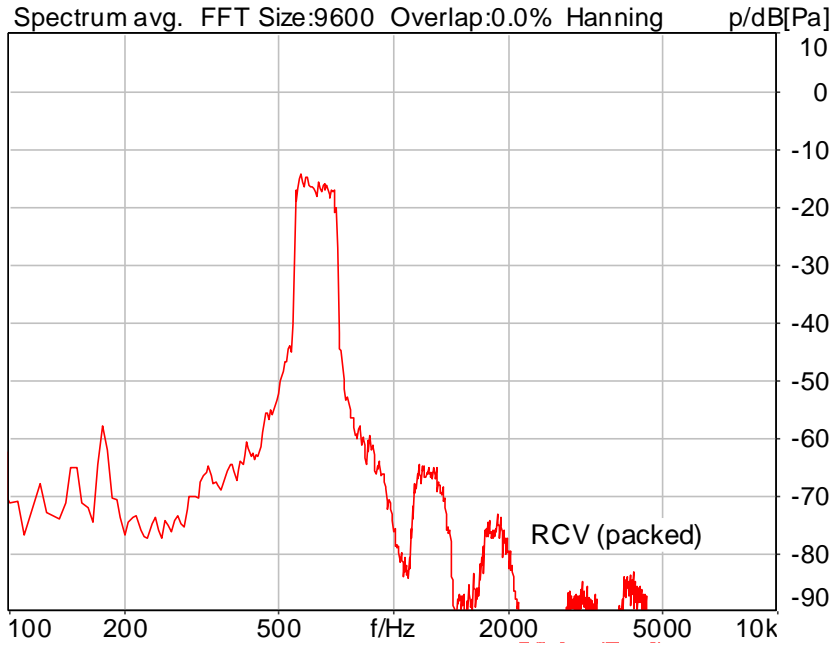
Limits

	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): 38.67 dB (1.17%) Ok

Ok

2023/10/31 上午 10:10 ACQUA 5.1.200

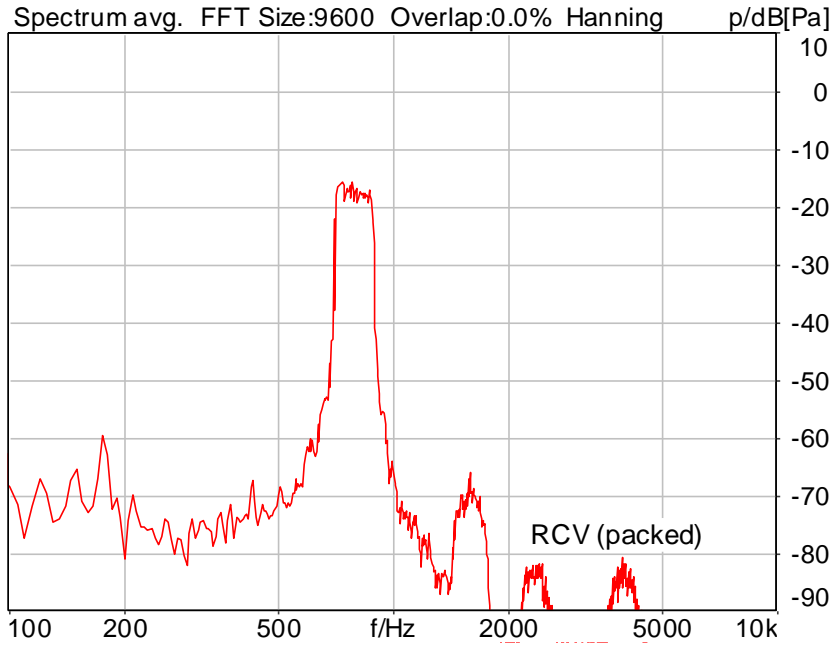
Limits

	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): 41.41 dB (0.85%) Ok

Ok

2023/10/31 上午 10:10 ACQUA 5.1.200

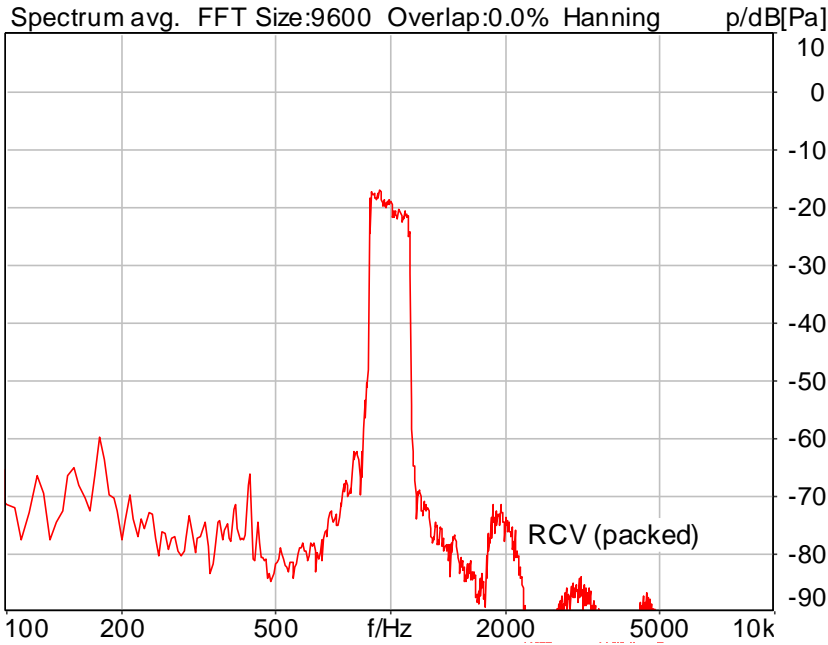
Limits

	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): 45.97 dB (0.50%) Ok

Ok

2023/10/31 上午 10:11 ACQUA 5.1.200

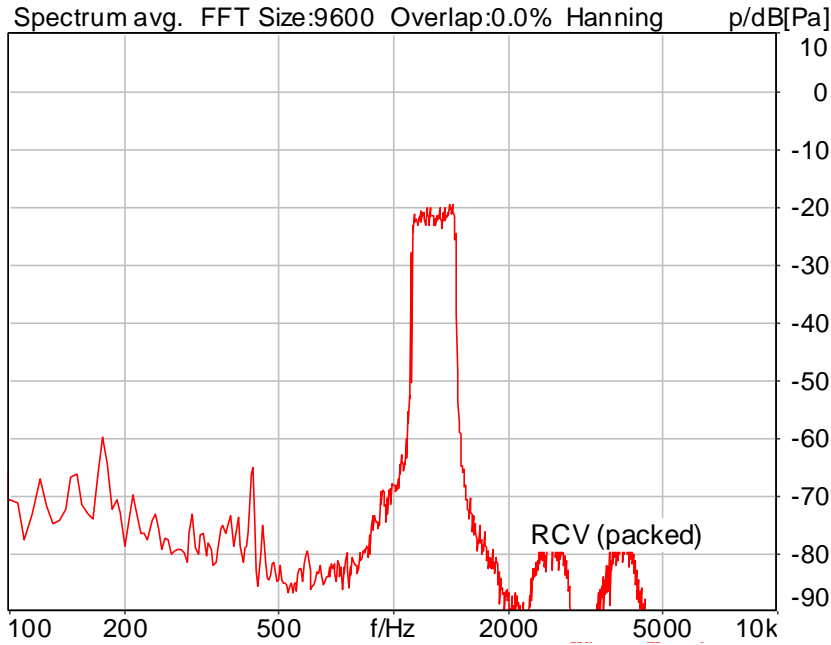
Limits

	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): 32.99 dB (2.24%) Ok

Ok

2023/10/31 上午 10:11 ACQUA 5.1.200

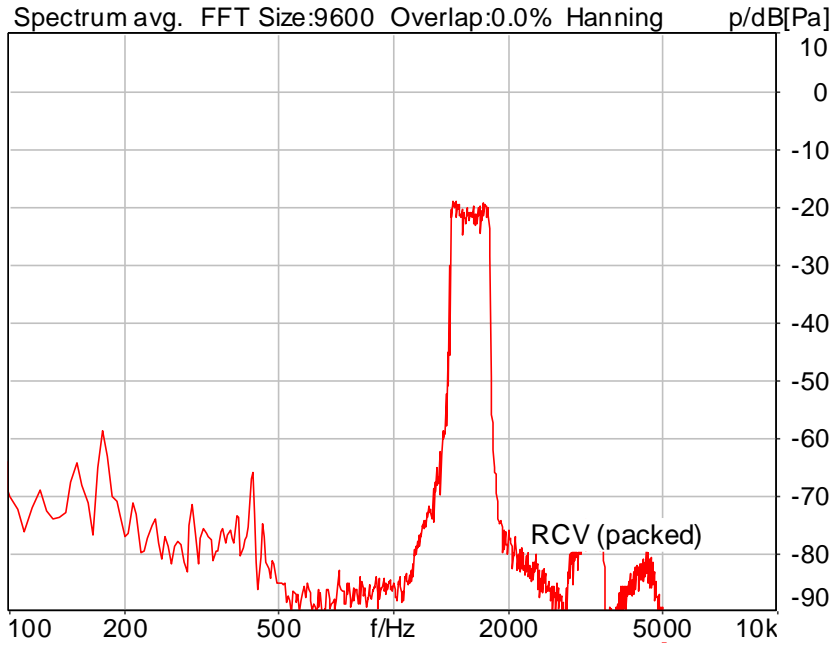
Limits

	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): 44.09 dB (0.62%) Ok

Ok

2023/10/31 上午 10:12 ACQUA 5.1.200

Limits

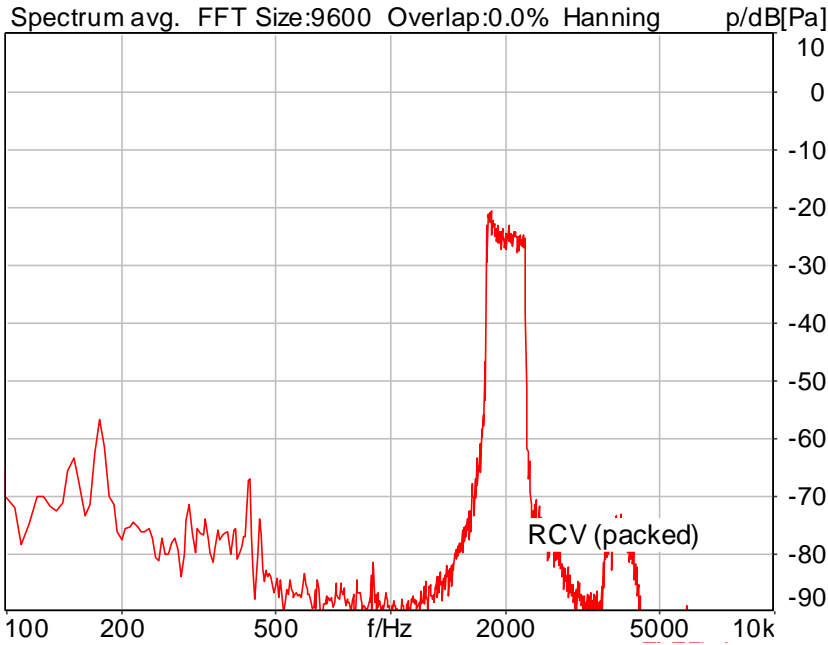
	lower
Run 1	20.00 dB





### 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): 41.14 dB (0.88%) Ok

**Ok**

2023/10/31 上午 10:12 ACQUA 5.1.200

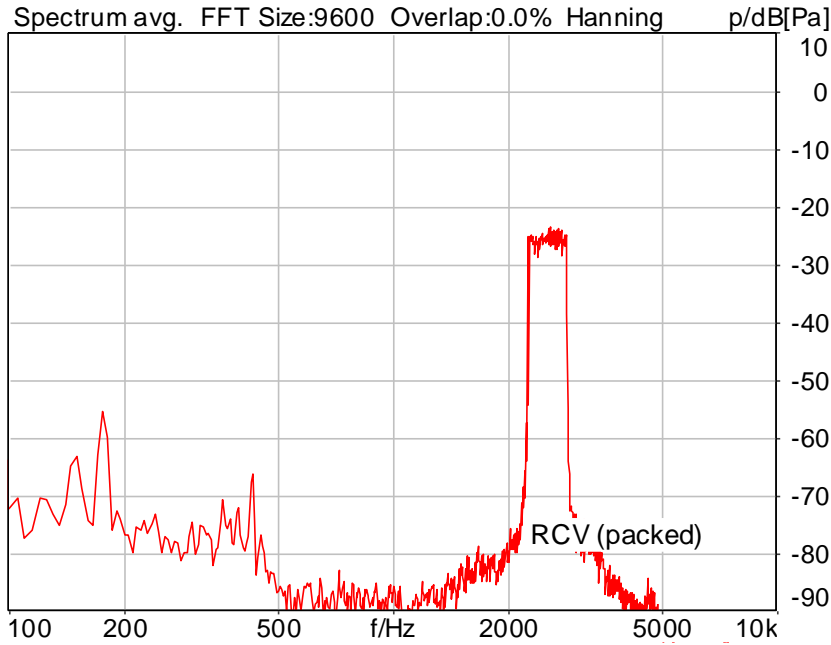
**Limits**

	<b>lower</b>
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): 45.56 dB (0.53%) Ok

Ok

2023/10/31 上午 10:13 ACQUA 5.1.200

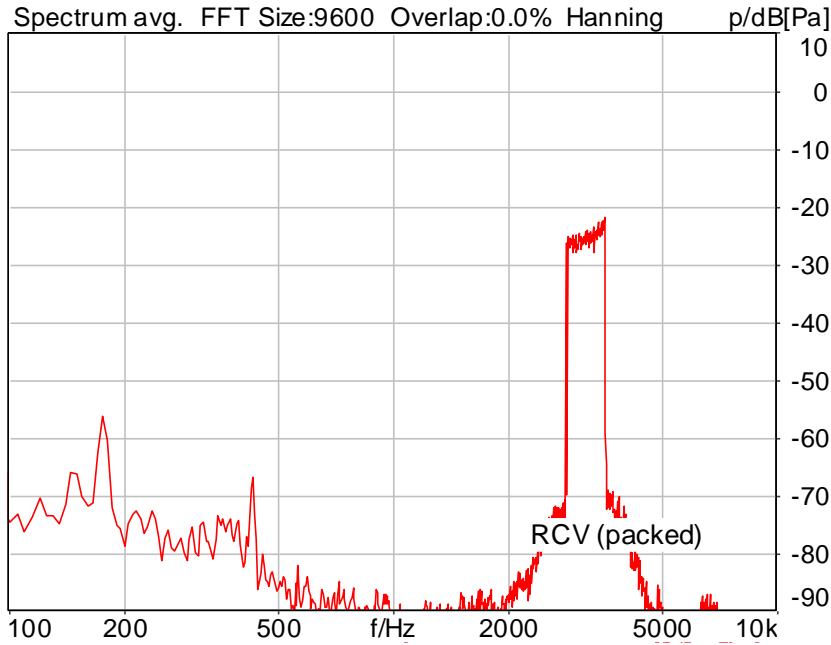
Limits

	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): 45.37 dB (0.54%) Ok

Ok

2023/10/31 上午 10:13 ACQUA 5.1.200

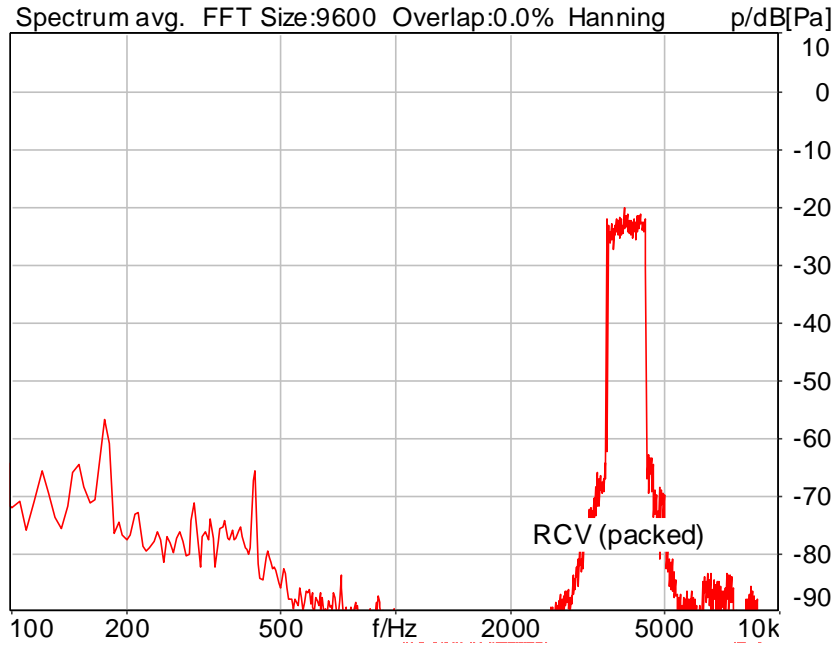
Limits

	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): 44.58 dB (0.59%) Ok

Ok

2023/10/31 上午 10:14 ACQUA 5.1.200

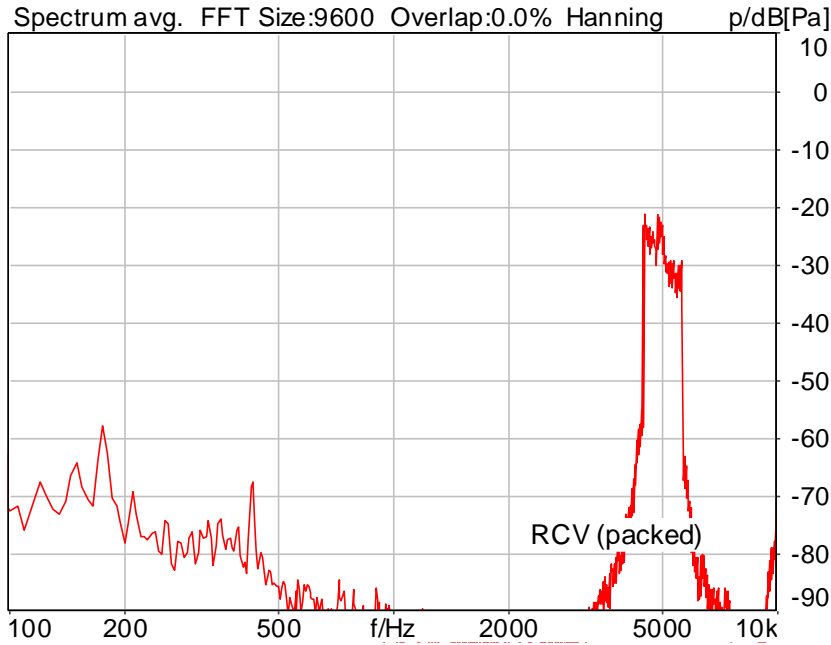
Limits

	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): 38.91 dB (1.13%) Ok

Ok

2023/10/31 上午 10:14 ACQUA 5.1.200

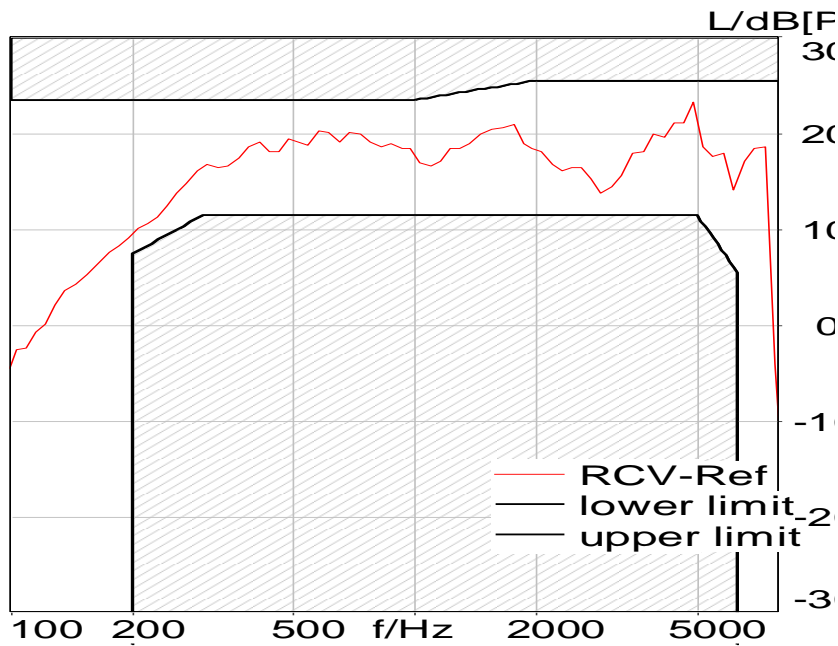
Limits

	lower
Run 1	20.00 dB



### 5.3 Frequency Response 8N FF

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



Absolute minimal distance  
2.26 dB at 2883.7 Hz Ok

**Ok**

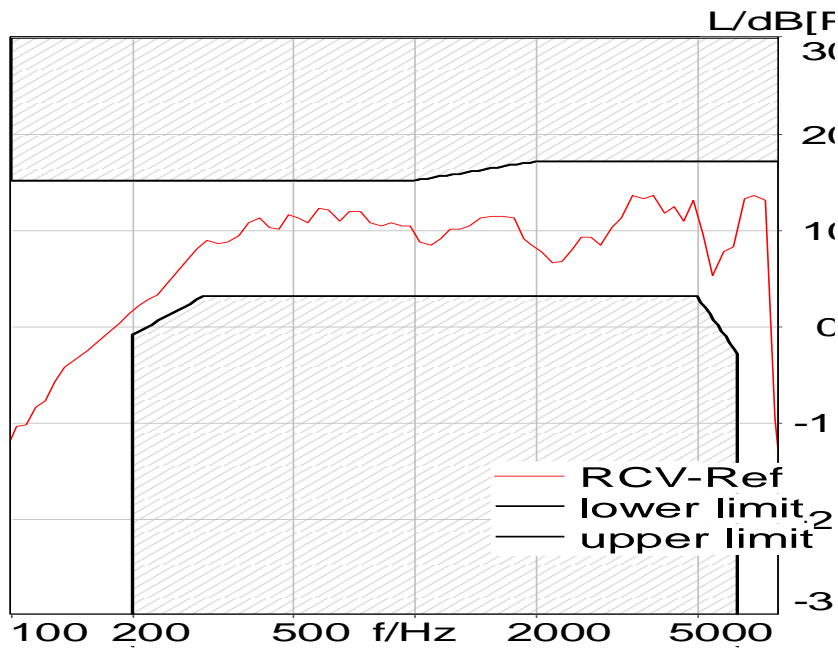
2023/10/31 上午 10:20 ACQUA 5.1.200

**Limits**

	lower
Run 1	Fit into tolerance

### 5.3 Frequency Response 2N FF

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



Absolute minimal distance  
2.78 dB at 205.7 Hz Ok

Ok

2023/10/31 上午 10:16 ACQUA 5.1.200

**Limits**

	lower
Run 1	Fit into tolerance



#4 LTE B12 EVS WB 24.4Kbps

SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	151.9
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	90.34
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.96
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.22
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.63
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.59
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.91
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	39.11
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.52
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.09
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.55
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.75
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	42.85
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.18
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.83
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.73
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	40.34
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.18
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.85
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.84
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.77
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.84
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.39
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.02
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.93
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.15
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.31
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.99
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.32
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.61
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	39.20
5.3 Frequency Response 8N FF	Ok	Min. dist. to tolerance scheme [dB], 576.7 Hz	2.67
5.3 Frequency Response 2N FF	Ok	Min. dist. to tolerance scheme [dB], 576.7 Hz	2.81

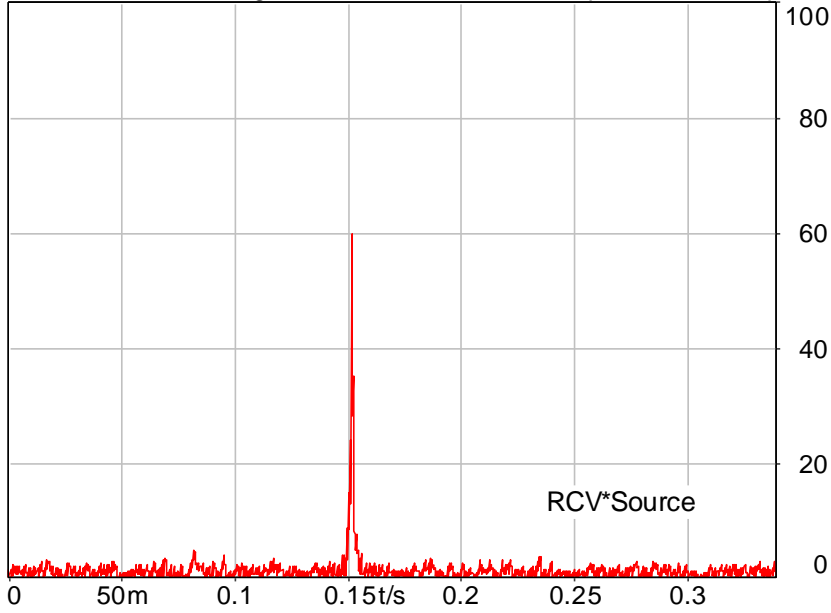




### Overall Receive Delay WB

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

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



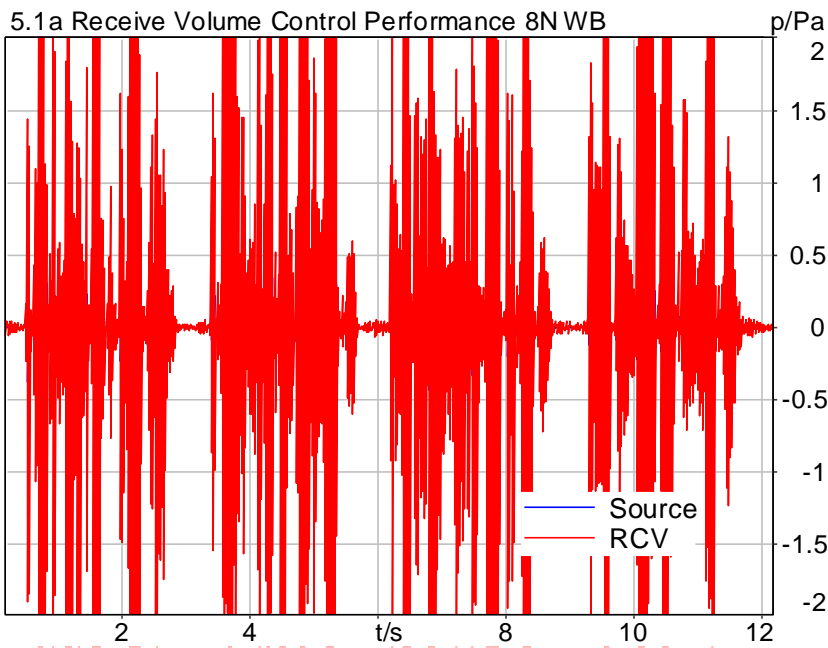
Delay (Cross): 151.9 ms

2023/10/31 上午 10:22 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 90.34 dB[SPL], Act.: 58.30% Ok

Ok

2023/10/31 上午 10:23 ACQUA 5.1.200

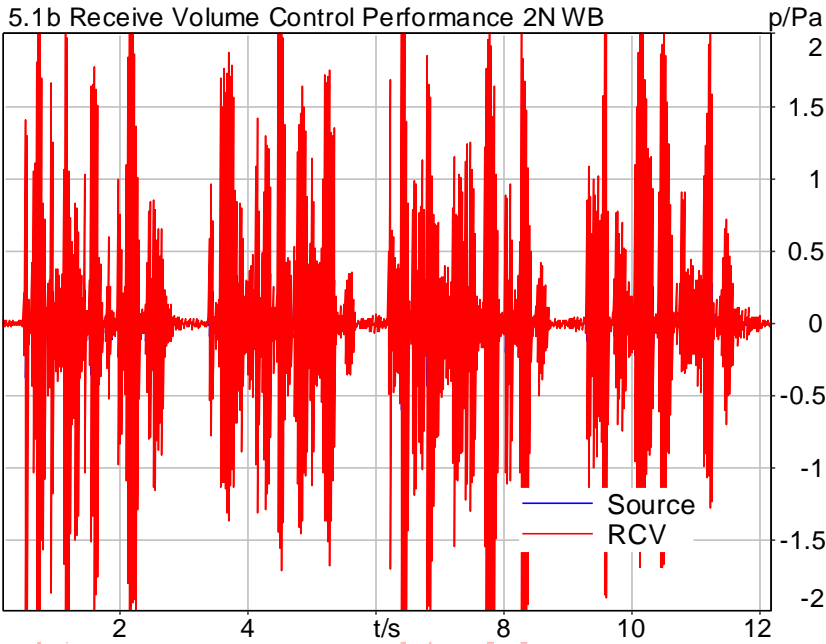
**Limits**

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 87.96 dB[SPL], Act.: 34.10% Ok

Ok

2023/10/31 上午 10:24 ACQUA 5.1.200

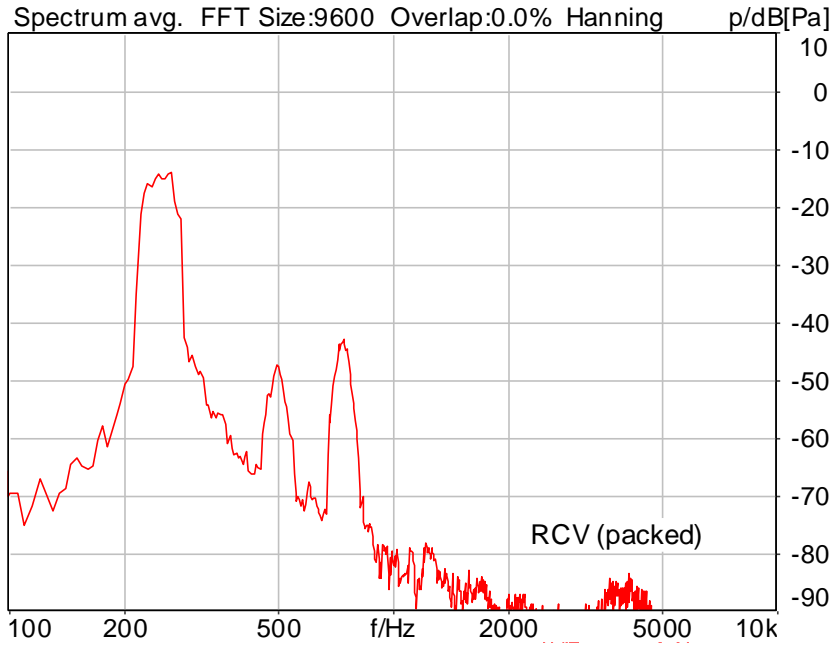
**Limits**

	lower
Run 1	76.00 dB20uPa



### 5.2 RCV Distortion and Noise - 250 Hz WB

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



Distortion (Noise) RCV (packed): 28.22 dB (3.88%) Ok

Ok

2023/10/31 上午 10:25 ACQUA 5.1.200

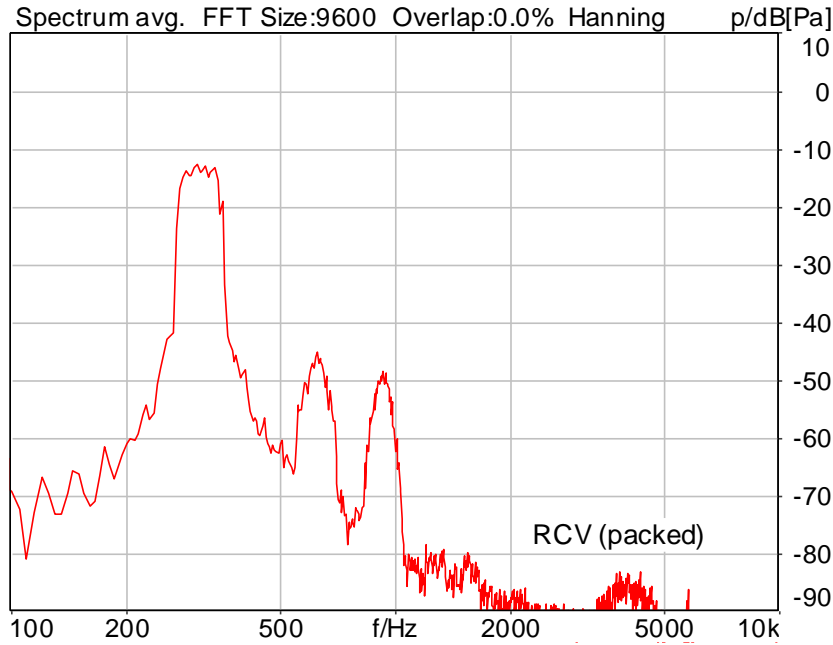
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 315 Hz WB

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



Distortion (Noise) RCV (packed): 31.63 dB (2.62%) Ok

Ok

2023/10/31 上午 10:25 ACQUA 5.1.200

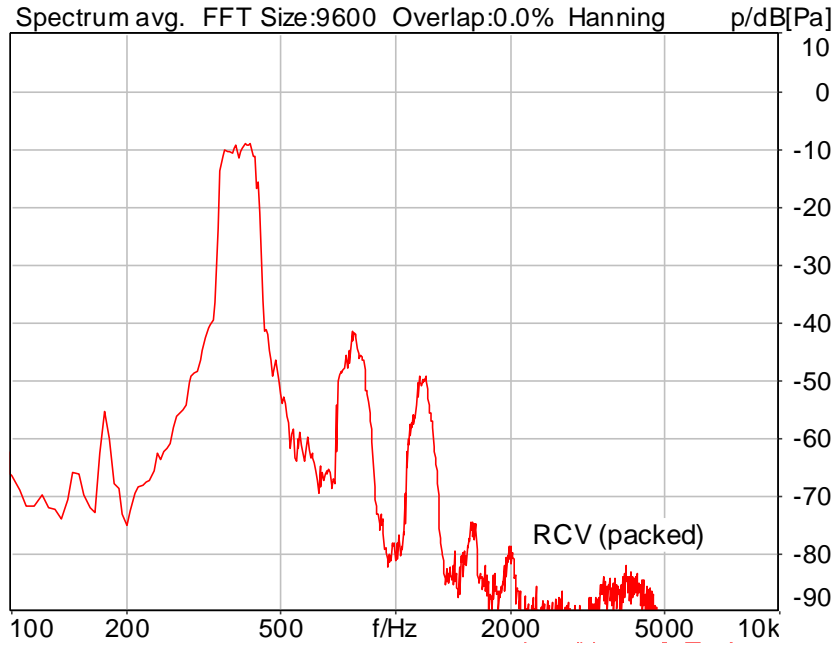
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 400 Hz WB

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



Distortion (Noise) RCV (packed): 32.59 dB (2.35%) Ok

Ok

2023/10/31 上午 10:26 ACQUA 5.1.200

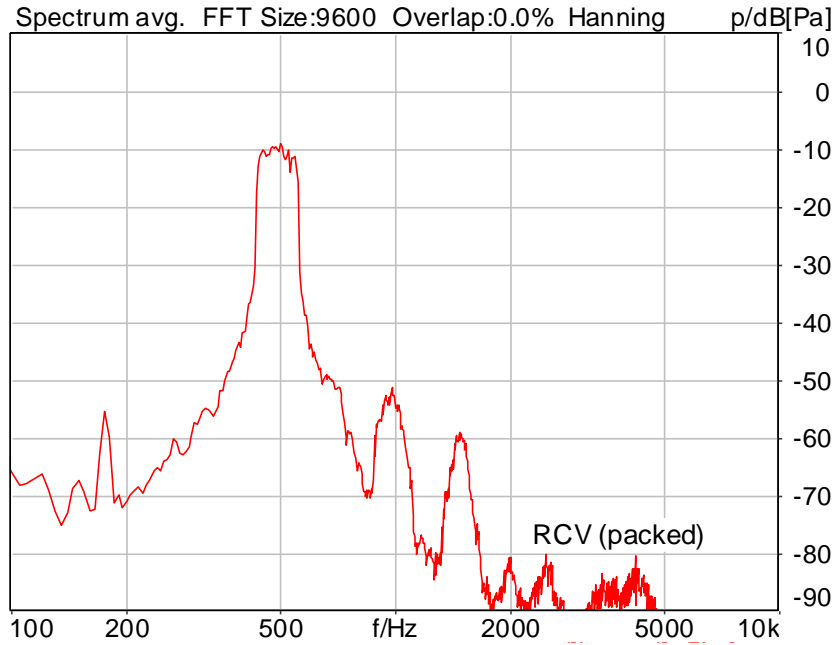
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 500 Hz WB

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



Distortion (Noise) RCV (packed): 35.91 dB (1.60%) Ok

Ok

2023/10/31 上午 10:26 ACQUA 5.1.200

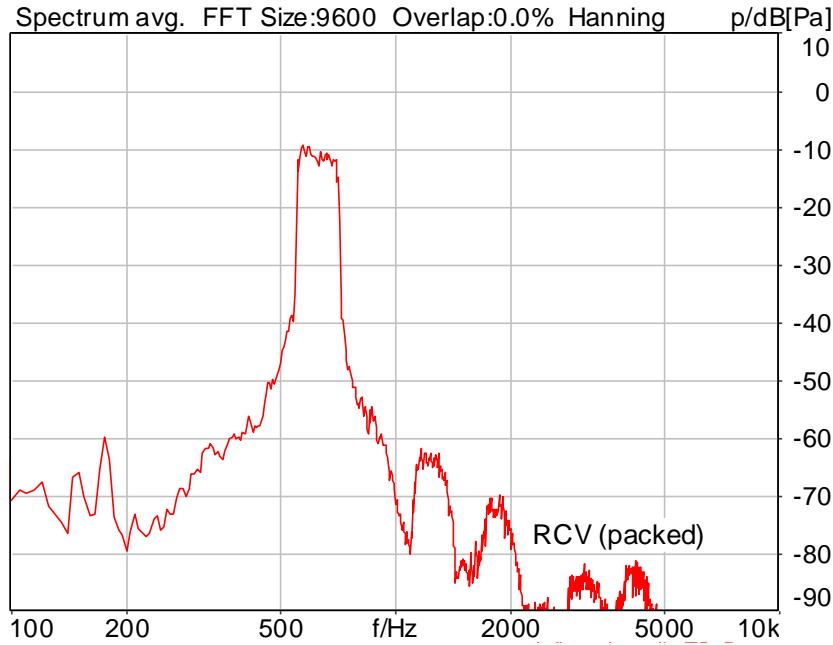
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 630 Hz WB

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



Distortion (Noise) RCV (packed): 39.11 dB (1.11%) Ok

Ok

2023/10/31 上午 10:27 ACQUA 5.1.200

Limits

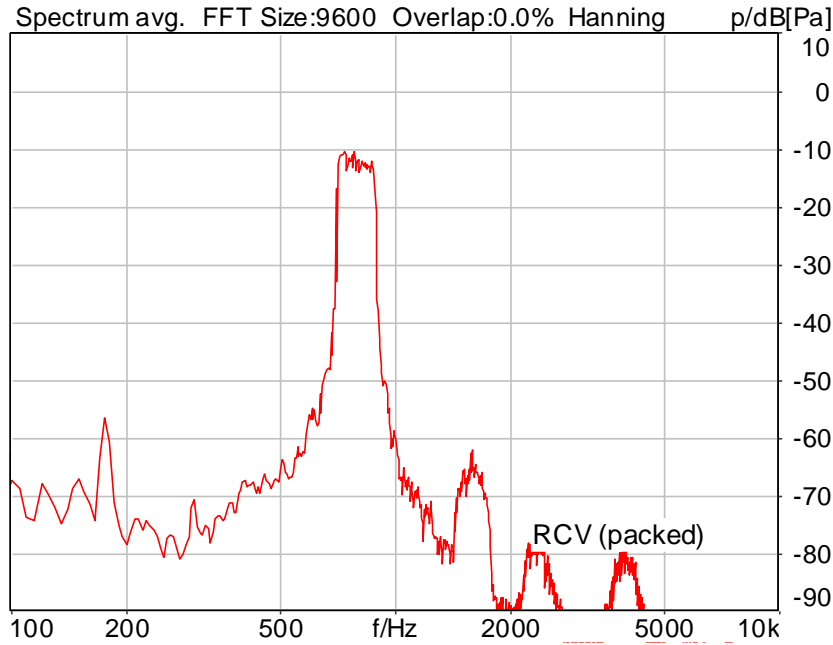
	lower
Run 1	20.00 dB





### 5.2 RCV Distortion and Noise - 800 Hz WB

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



Distortion (Noise) RCV (packed): 41.52 dB (0.84%) Ok

Ok

2023/10/31 上午 10:27 ACQUA 5.1.200

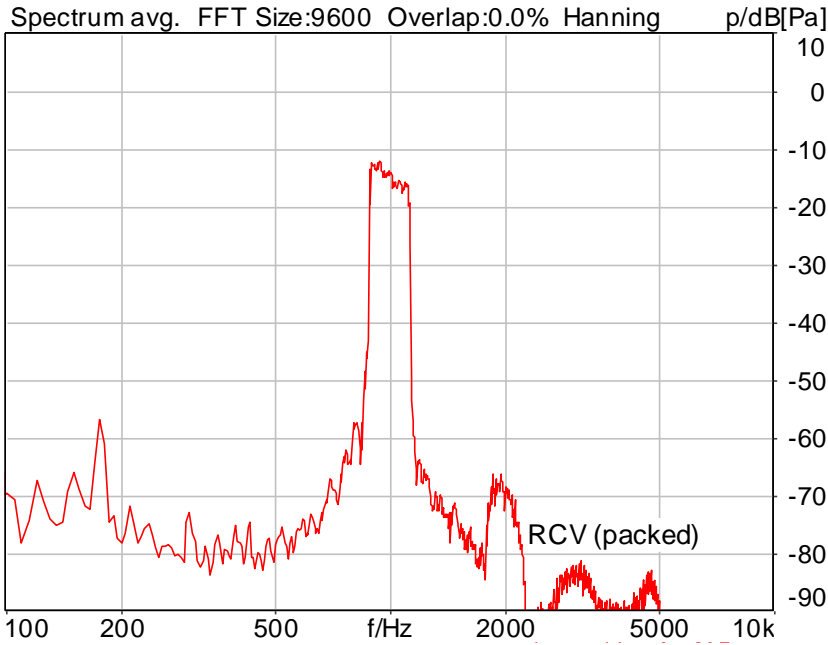
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 1000 Hz WB

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



Distortion (Noise) RCV (packed): 46.09 dB (0.50%) Ok

Ok

2023/10/31 上午 10:28 ACQUA 5.1.200

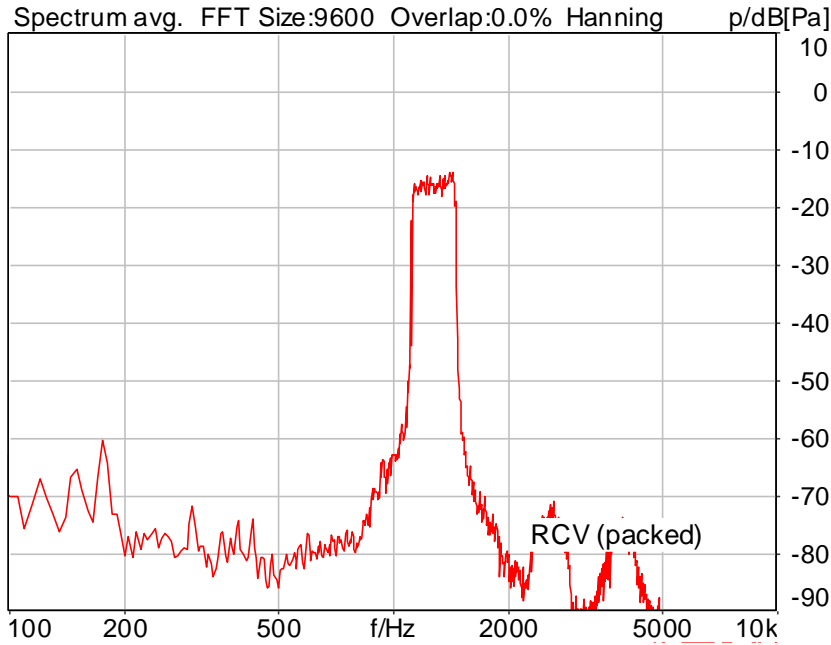
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 1250 Hz WB

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



Distortion (Noise) RCV (packed): 33.55 dB (2.10%) Ok

Ok

2023/10/31 上午 10:28 ACQUA 5.1.200

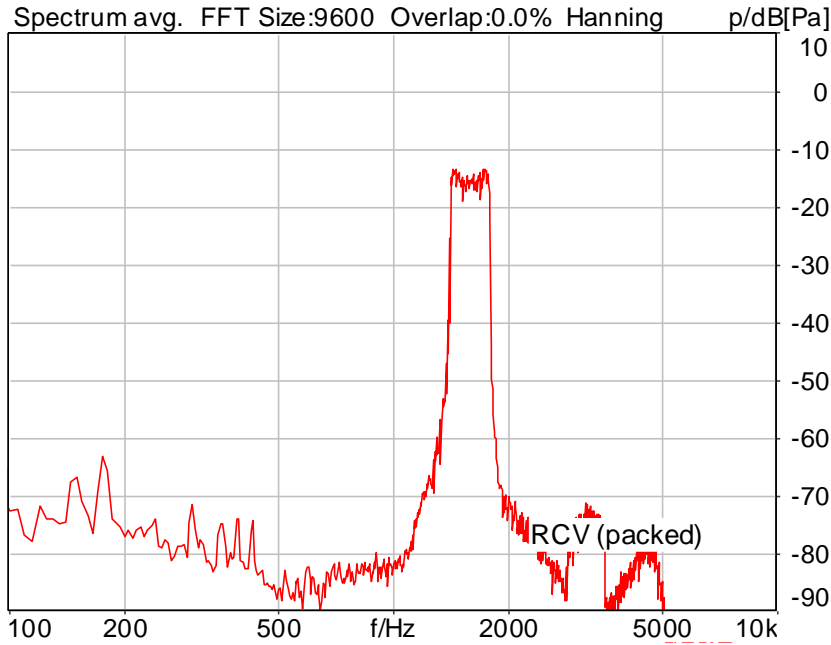
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 1600 Hz WB

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



Ok

2023/10/31 上午 10:29 ACQUA 5.1.200

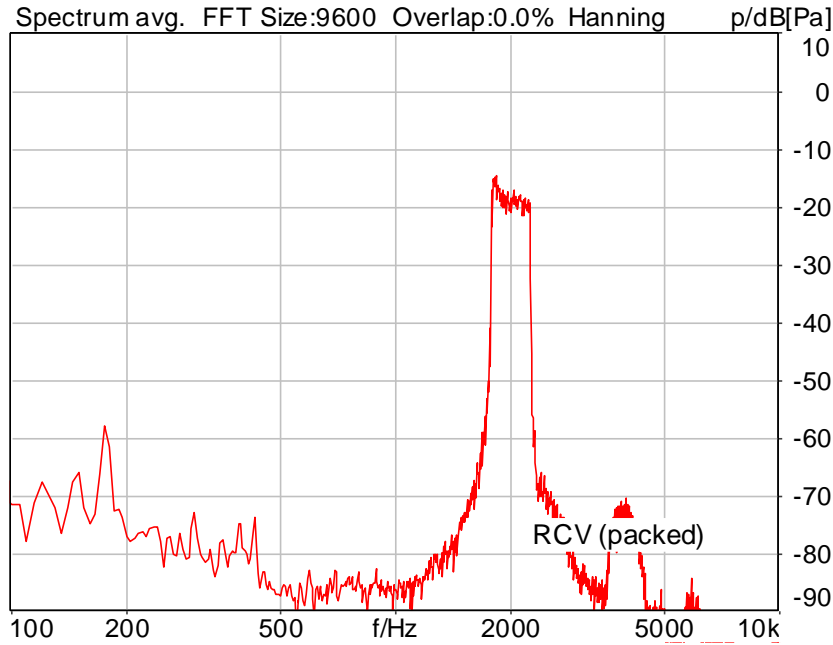
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 2000 Hz WB

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



Distortion (Noise) RCV (packed): 42.85 dB (0.72%) Ok

Ok

2023/10/31 上午 10:29 ACQUA 5.1.200

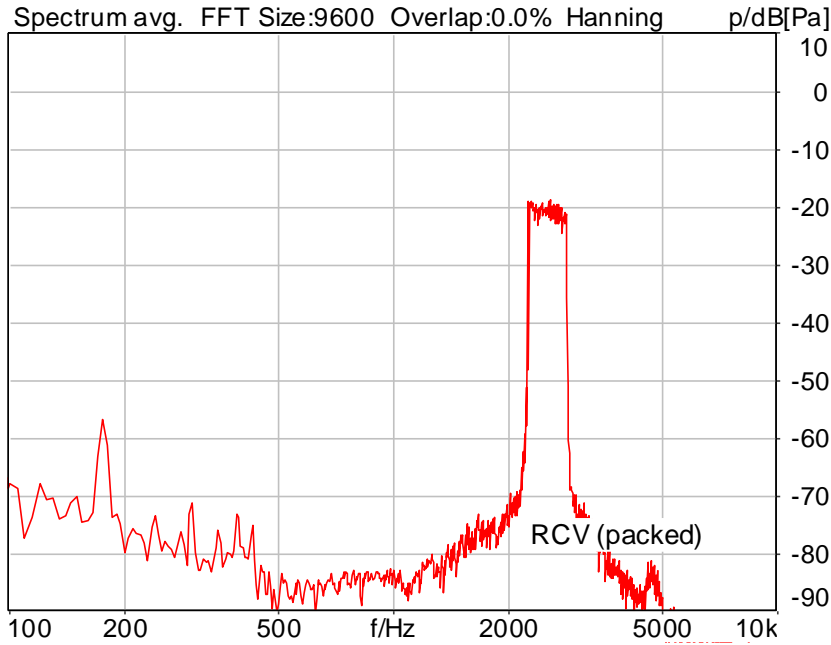
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 2500 Hz WB

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



Distortion (Noise) RCV (packed): 46.18 dB (0.49%) Ok

Ok

2023/10/31 上午 10:30 ACQUA 5.1.200

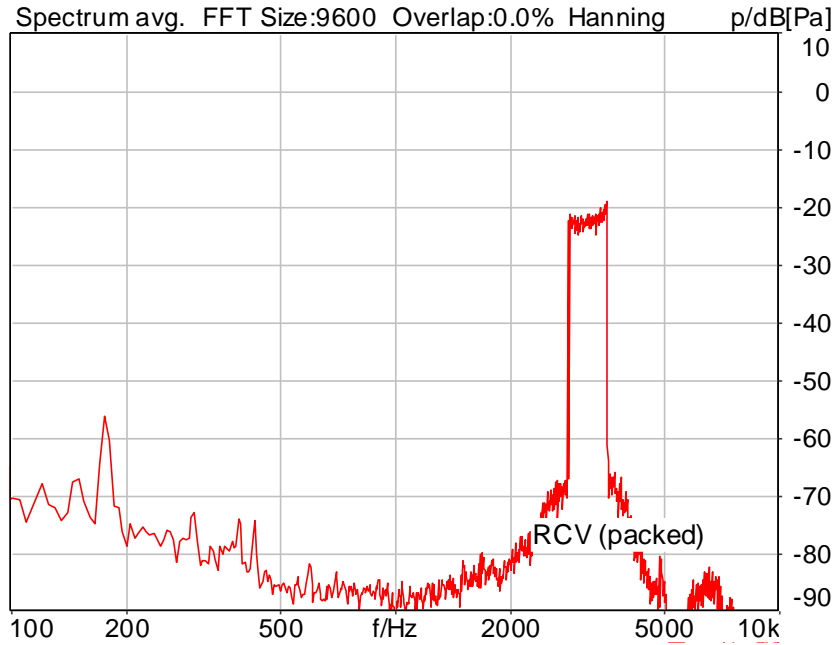
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 3150 Hz WB

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



Distortion (Noise) RCV (packed): 44.83 dB (0.57%) Ok

**Ok**

2023/10/31 上午 10:30 ACQUA 5.1.200

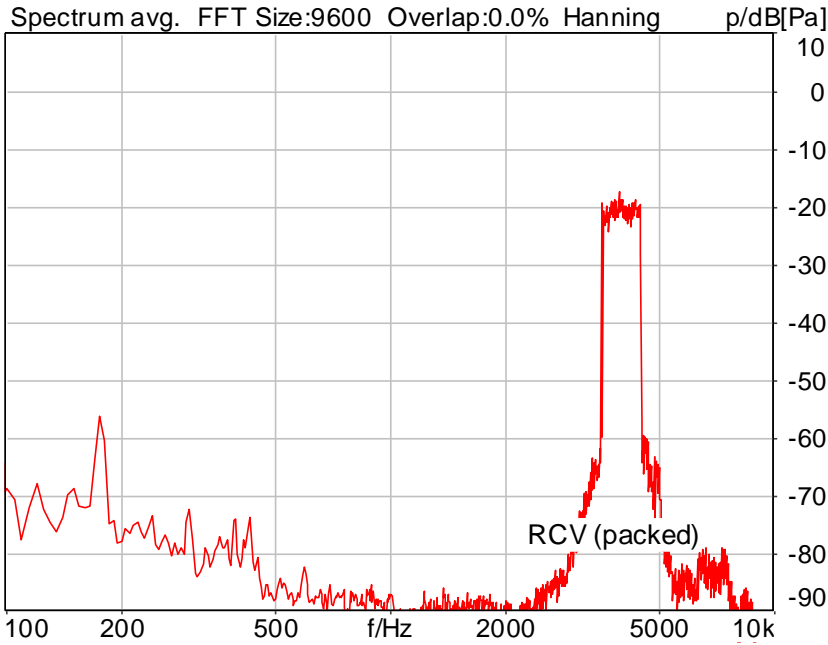
**Limits**

	<b>lower</b>
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): 43.73 dB (0.65%) Ok

Ok

2023/10/31 上午 10:31 ACQUA 5.1.200

Limits

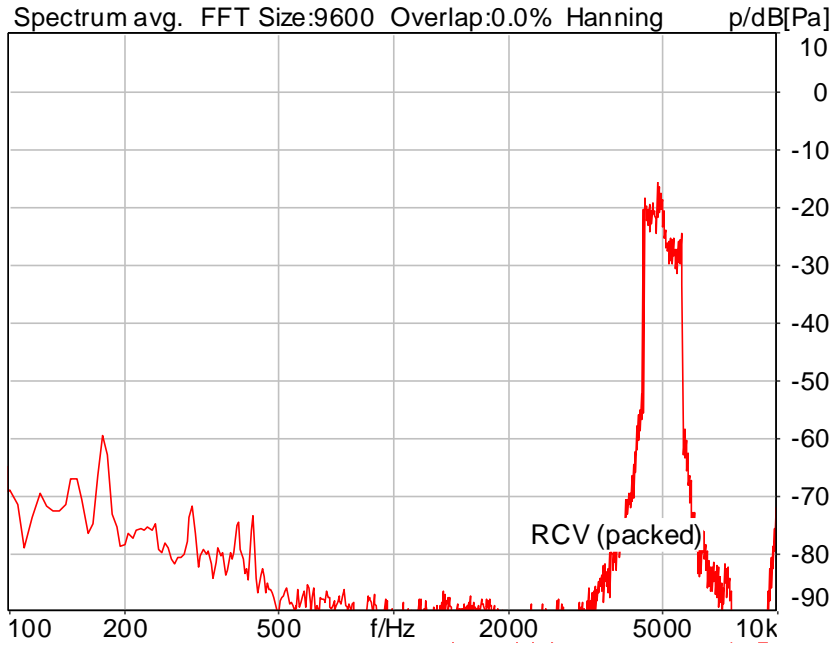
	lower
Run 1	20.00 dB





### 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): 40.34 dB (0.96%) Ok

Ok

2023/10/31 上午 10:31 ACQUA 5.1.200

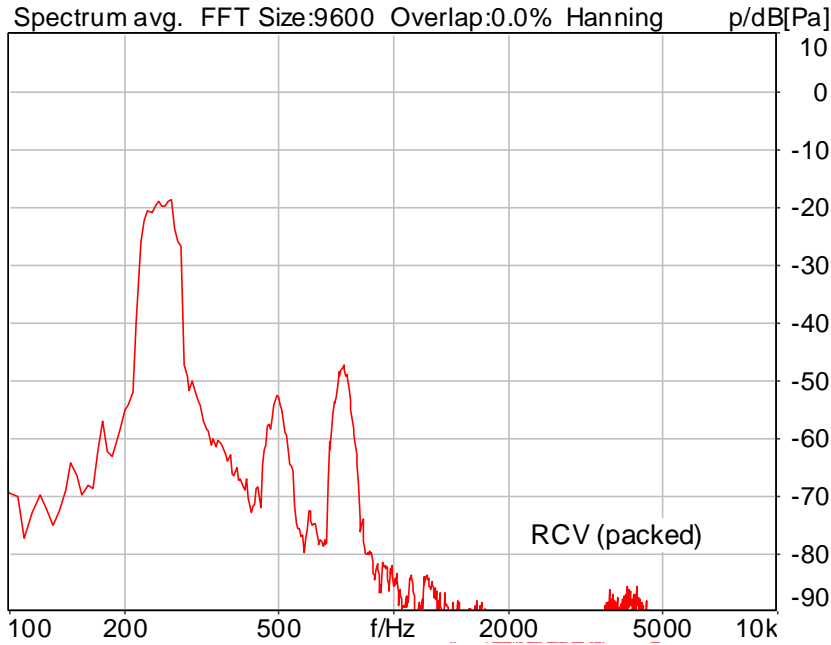
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 250 Hz WB

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



Distortion (Noise) RCV (packed): 28.18 dB (3.90%) Ok

Ok

2023/10/31 上午 10:32 ACQUA 5.1.200

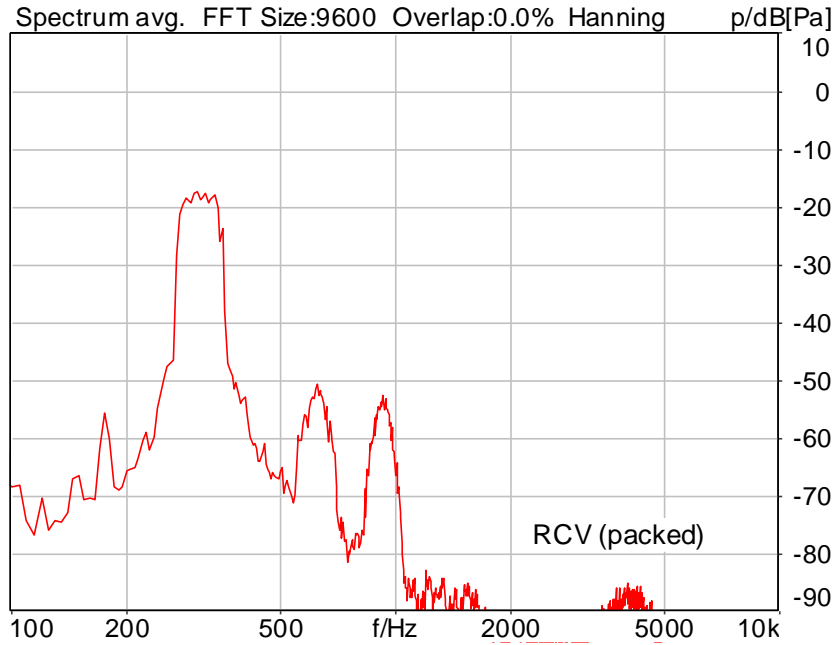
Limits

	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): 31.85 dB (2.56%) Ok

Ok

2023/10/31 上午 10:33 ACQUA 5.1.200

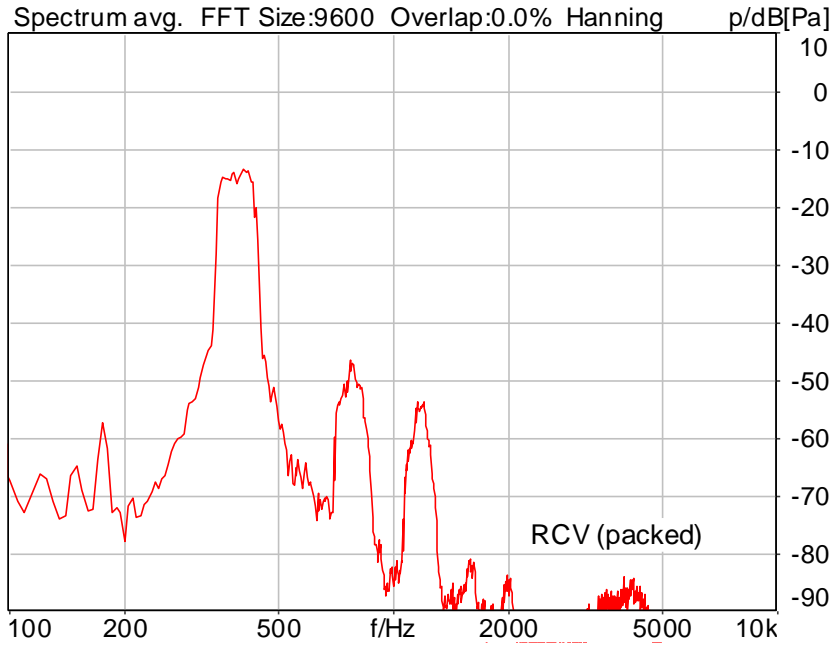
Limits

	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): 32.84 dB (2.28%) Ok

**Ok**

2023/10/31 上午 10:33 ACQUA 5.1.200

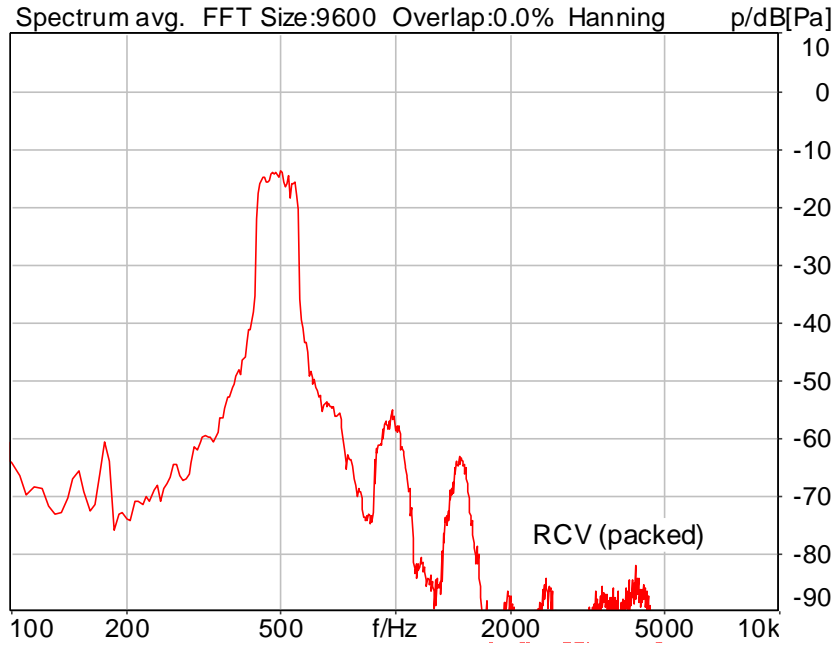
**Limits**

	<b>lower</b>
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): 35.77 dB (1.63%) Ok

Ok

2023/10/31 上午 10:34 ACQUA 5.1.200

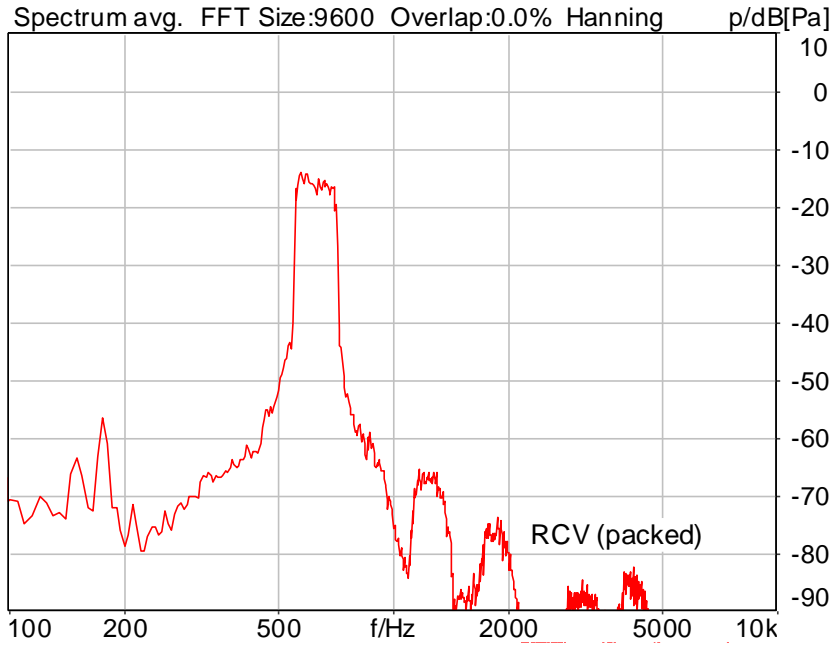
Limits

	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): 38.84 dB (1.14%) Ok

Ok

2023/10/31 上午 10:34 ACQUA 5.1.200

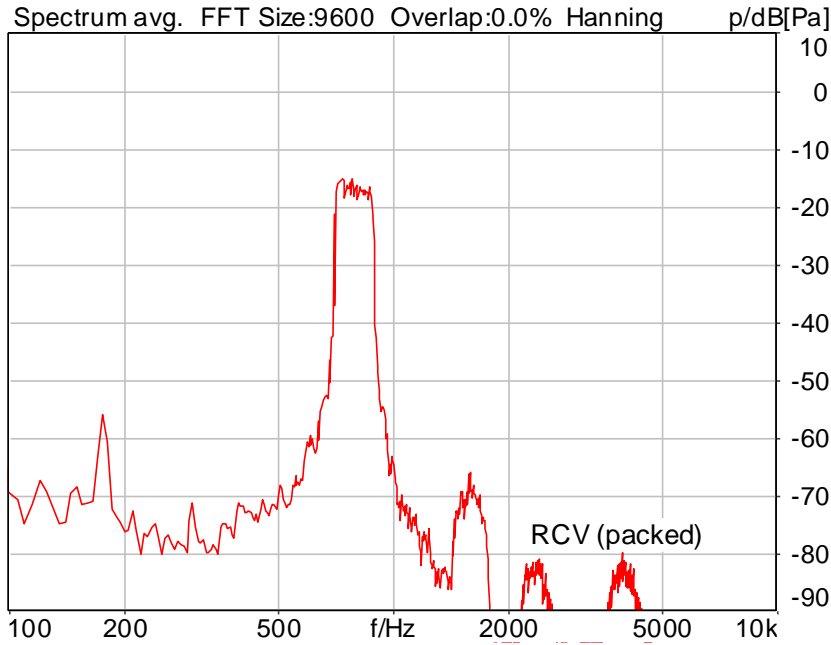
Limits

	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): 41.39 dB (0.85%) Ok

Ok

2023/10/31 上午 10:35 ACQUA 5.1.200

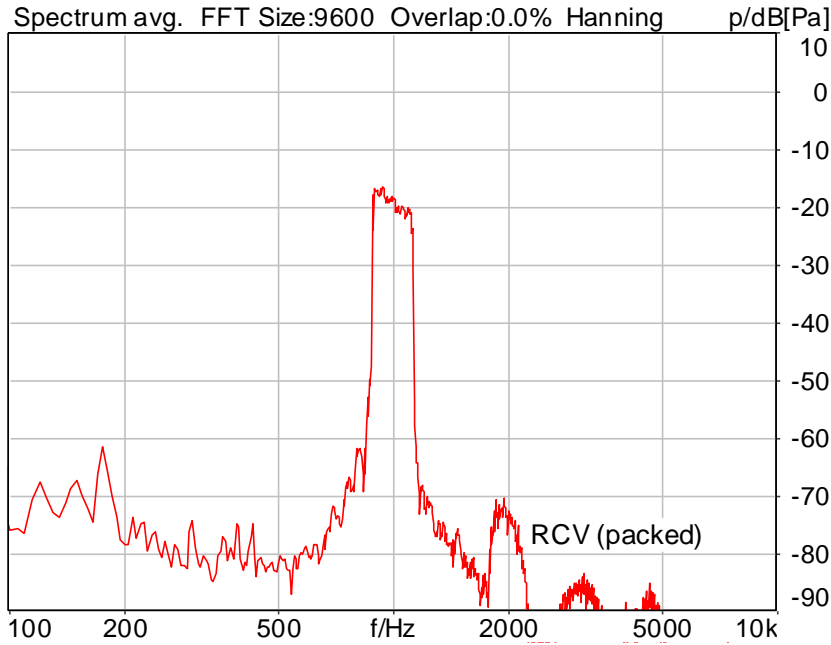
Limits

	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): 46.02 dB (0.50%) Ok

Ok

2023/10/31 上午 10:35 ACQUA 5.1.200

Limits

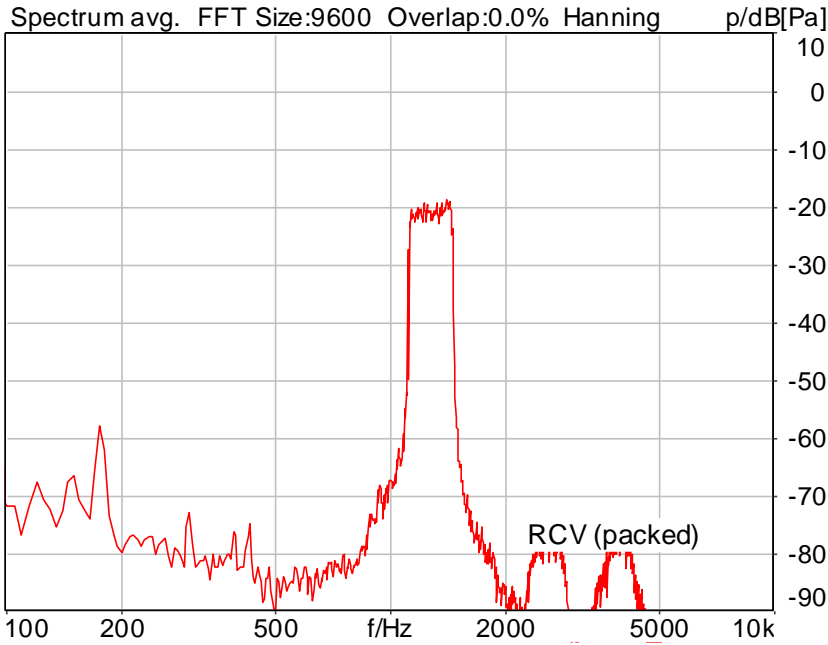
	lower
Run 1	20.00 dB





### 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): 32.93 dB (2.26%) Ok

Ok

2023/10/31 上午 10:36 ACQUA 5.1.200

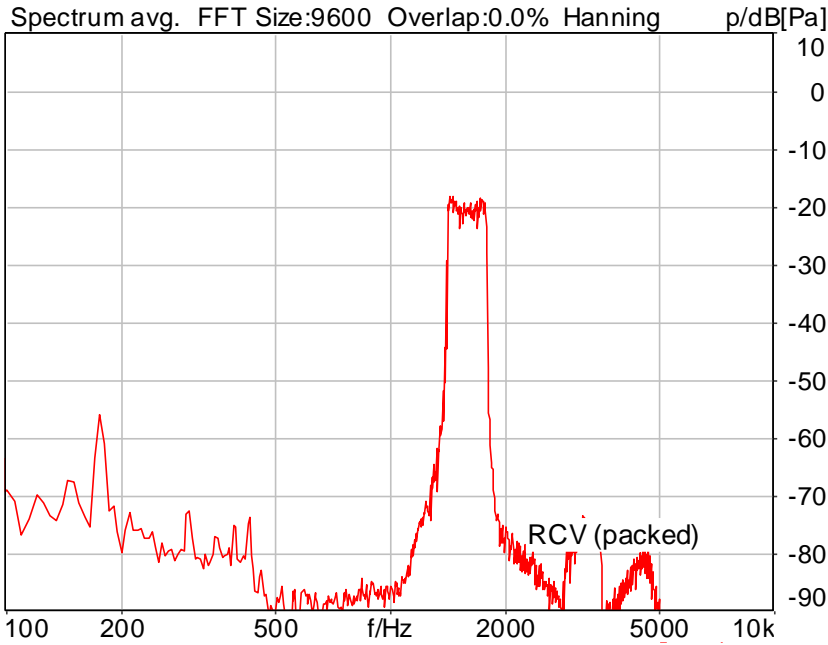
Limits

	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): 44.15 dB (0.62%) Ok

Ok

2023/10/31 上午 10:36 ACQUA 5.1.200

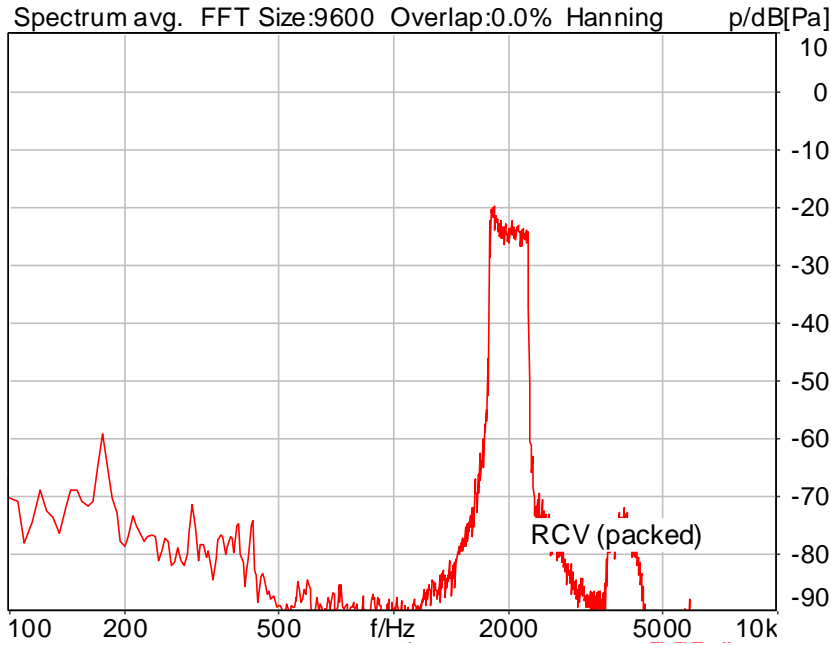
Limits

	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): 41.31 dB (0.86%) Ok

**Ok**

2023/10/31 上午 10:37 ACQUA 5.1.200

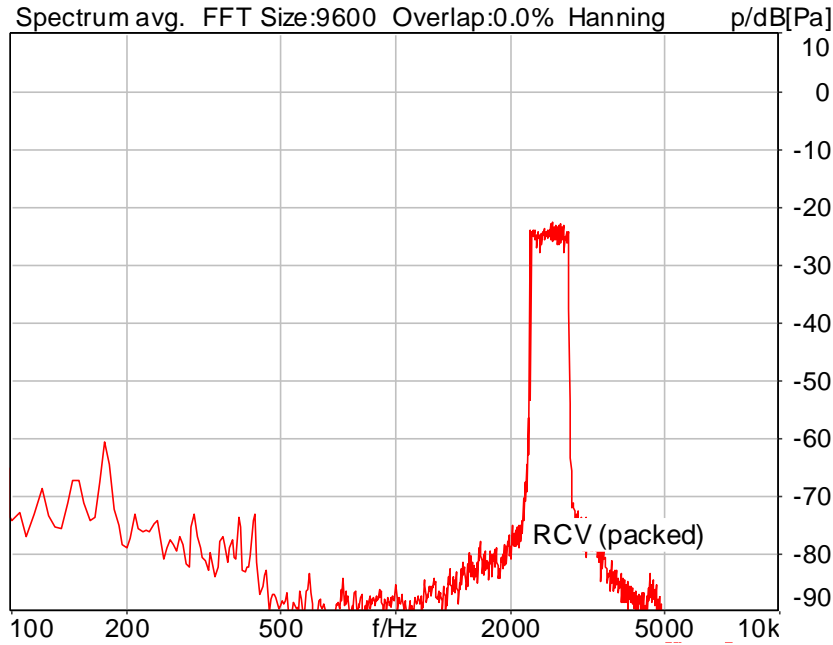
**Limits**

	<b>lower</b>
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): 45.99 dB (0.50%) Ok

Ok

2023/10/31 上午 10:37 ACQUA 5.1.200

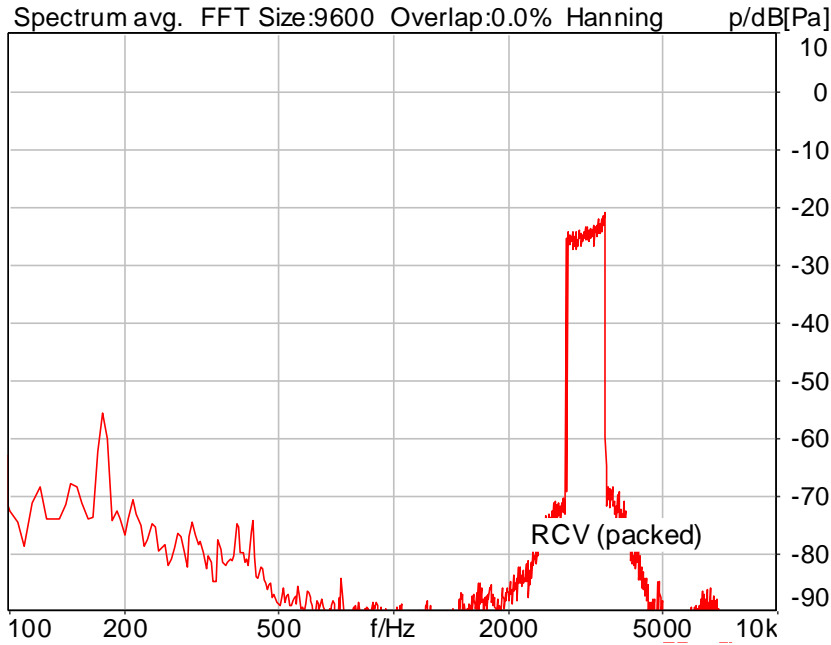
Limits

	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): 45.32 dB (0.54%) Ok

Ok

2023/10/31 上午 10:38 ACQUA 5.1.200

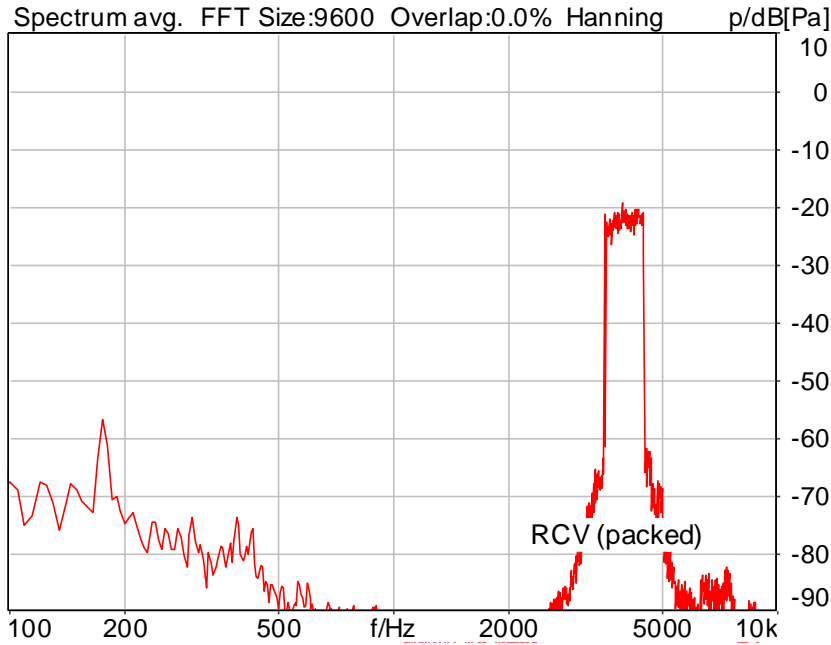
Limits

	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): 44.61 dB (0.59%) Ok

Ok

2023/10/31 上午 10:38 ACQUA 5.1.200

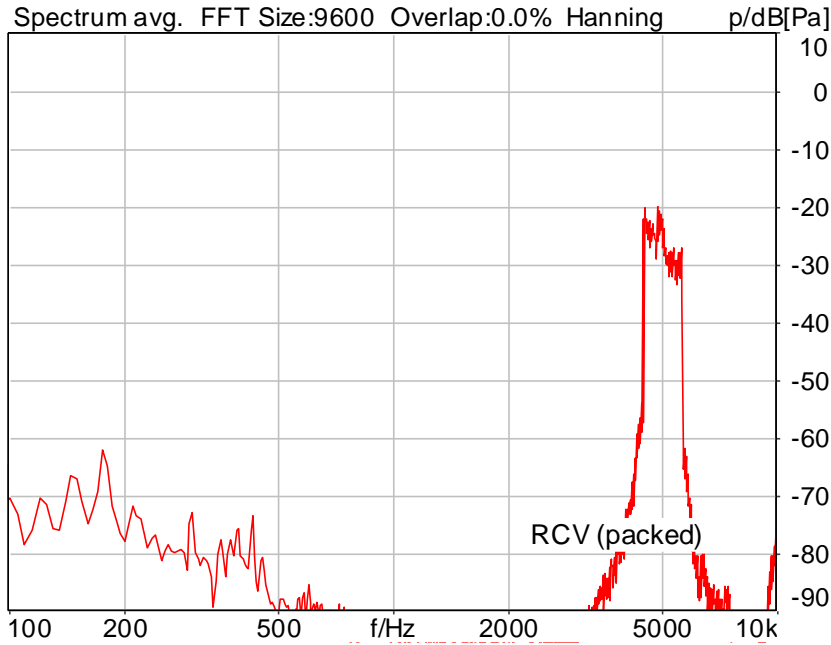
Limits

	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): 39.20 dB (1.10%) Ok

Ok

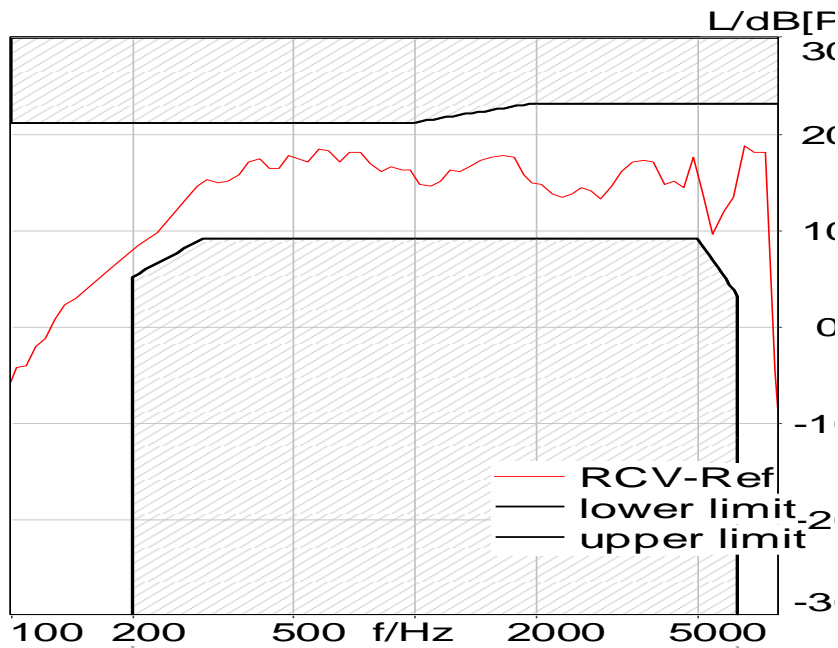
2023/10/31 上午 10:39 ACQUA 5.1.200

Limits

	lower
Run 1	20.00 dB

### 5.3 Frequency Response 8N FF

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



Absolute minimal distance  
2.67 dB at 576.7 Hz Ok

Ok

2023/10/31 上午 10:39 ACQUA 5.1.200

**Limits**

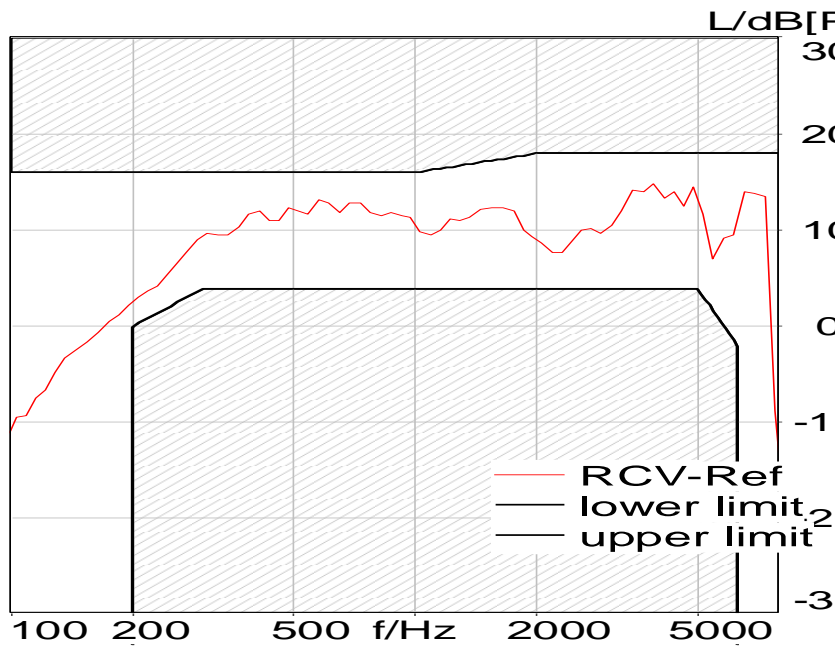
	<b>lower</b>
Run 1	Fit into tolerance





### 5.3 Frequency Response 2N FF

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



Absolute minimal distance  
2.81 dB at 576.7 Hz Ok

Ok

2023/10/31 上午 10:40 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



#5 LTE B41 EVS WB 24.4Kbps

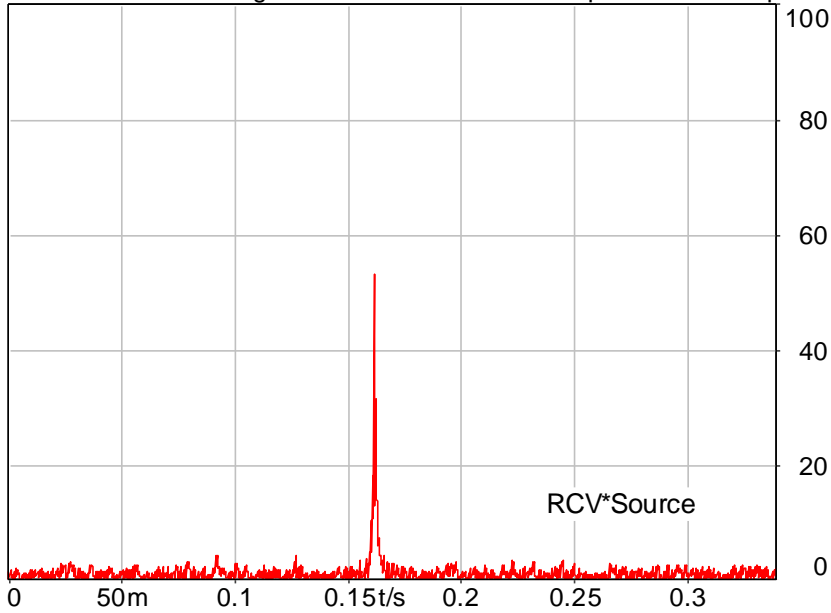
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	161.8
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	90.16
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.97
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.63
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.83
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.35
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.30
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.44
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.10
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.90
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.17
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.84
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	42.00
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.13
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.98
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.01
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	40.02
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.41
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.98
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.62
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.12
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.29
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.01
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.84
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.00
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.12
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.18
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.81
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.72
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.73
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.88
5.3 Frequency Response 2N FF	Ok	Min. dist. to tolerance scheme [dB], 3445.5 Hz	2.08
5.3 Frequency Response 8N FF	Ok	Min. dist. to tolerance scheme [dB], 4870.0 Hz	2.21



### Overall Receive Delay WB

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

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



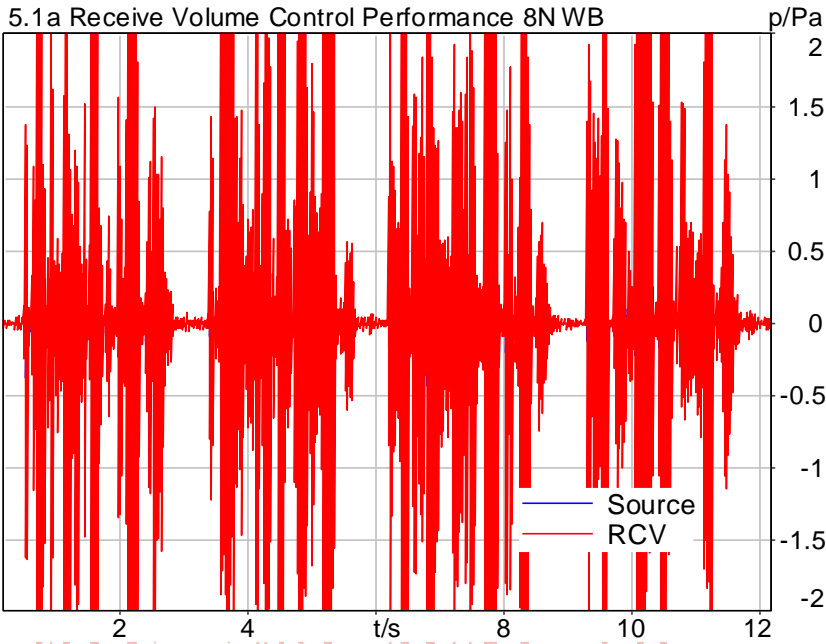
Delay (Cross): 161.8 ms

2023/10/31 下午 01:37 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 90.16 dB[SPL], Act.: 56.90% Ok

Ok

2023/10/31 下午 01:38 ACQUA 5.1.200

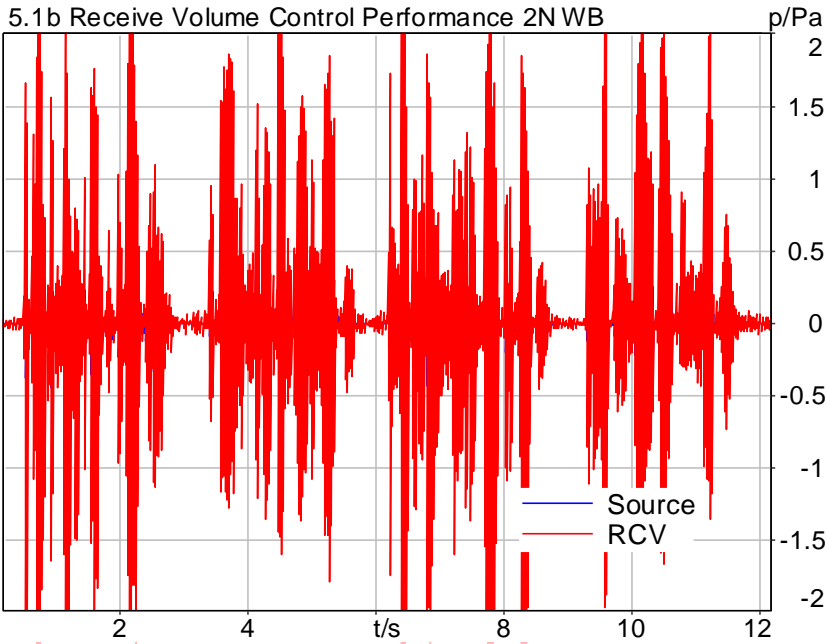
**Limits**

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 87.97 dB[SPL], Act.: 33.07% Ok

Ok

2023/10/31 下午 01:39 ACQUA 5.1.200

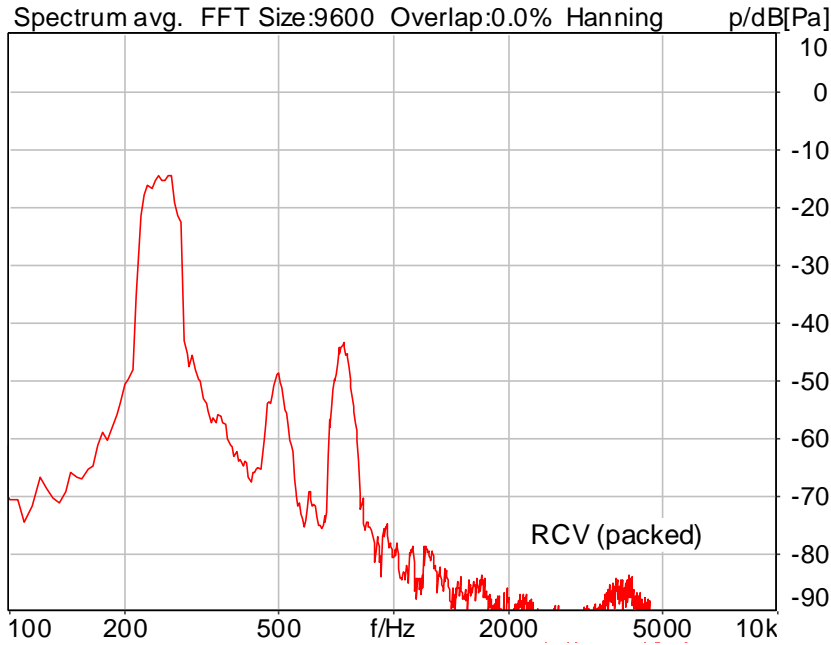
**Limits**

	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): 28.63 dB (3.70%) Ok

Ok

2023/10/31 下午 01:39 ACQUA 5.1.200

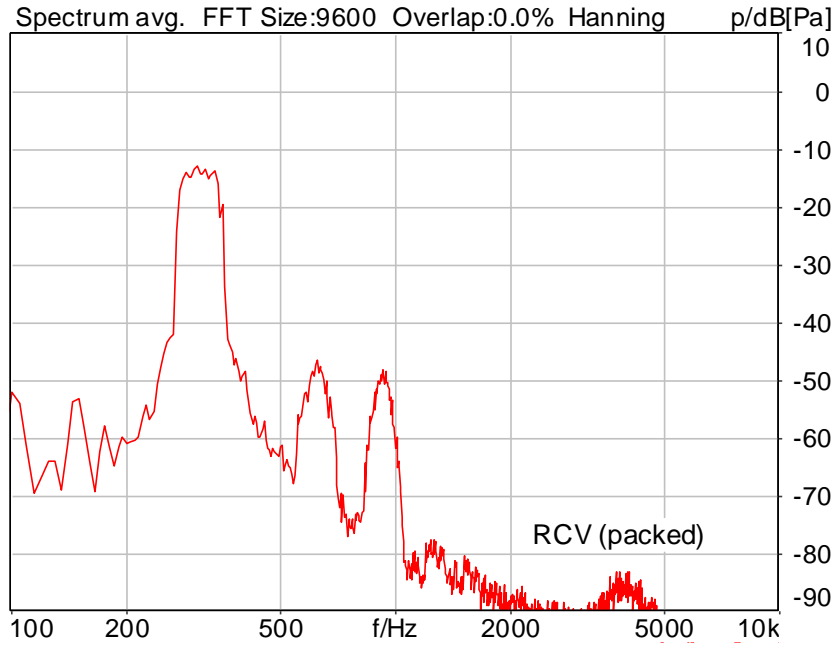
Limits

	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): 31.83 dB (2.56%) Ok

Ok

2023/10/31 下午 01:40 ACQUA 5.1.200

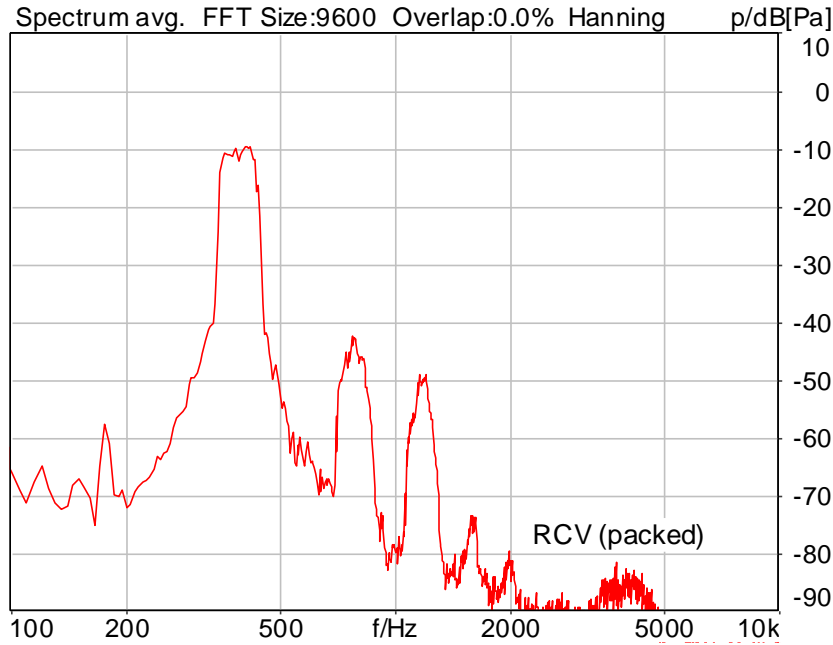
Limits

	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): 32.35 dB (2.41%) Ok

Ok

2023/10/31 下午 01:40 ACQUA 5.1.200

Limits

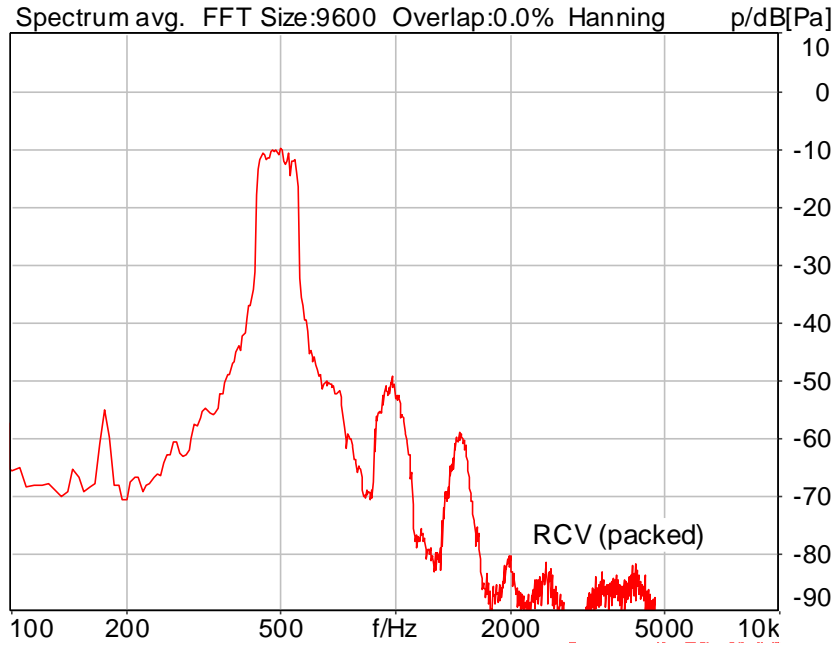
	lower
Run 1	20.00 dB





### 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): 35.30 dB (1.72%) Ok

Ok

2023/10/31 下午 01:41 ACQUA 5.1.200

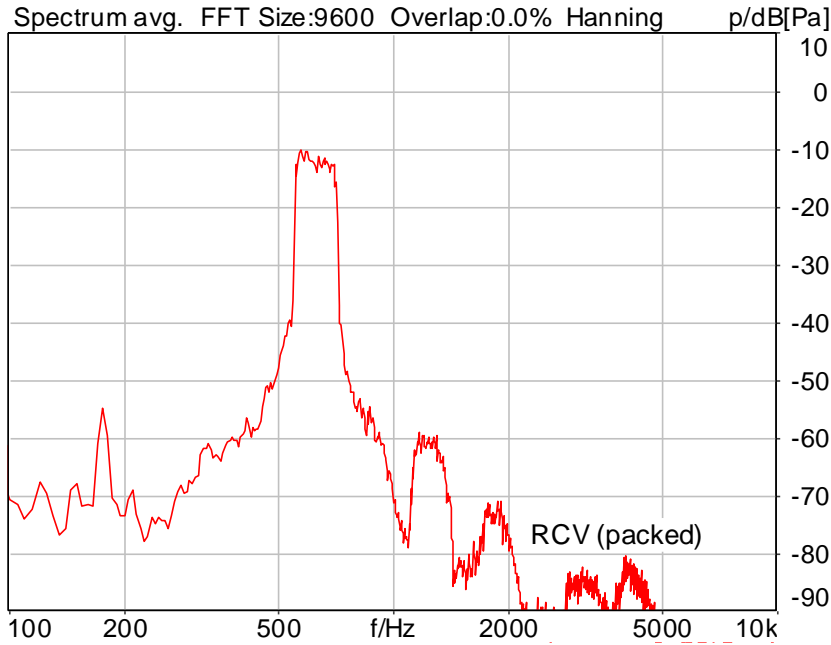
Limits

	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): 38.44 dB (1.20%) Ok

Ok

2023/10/31 下午 01:41 ACQUA 5.1.200

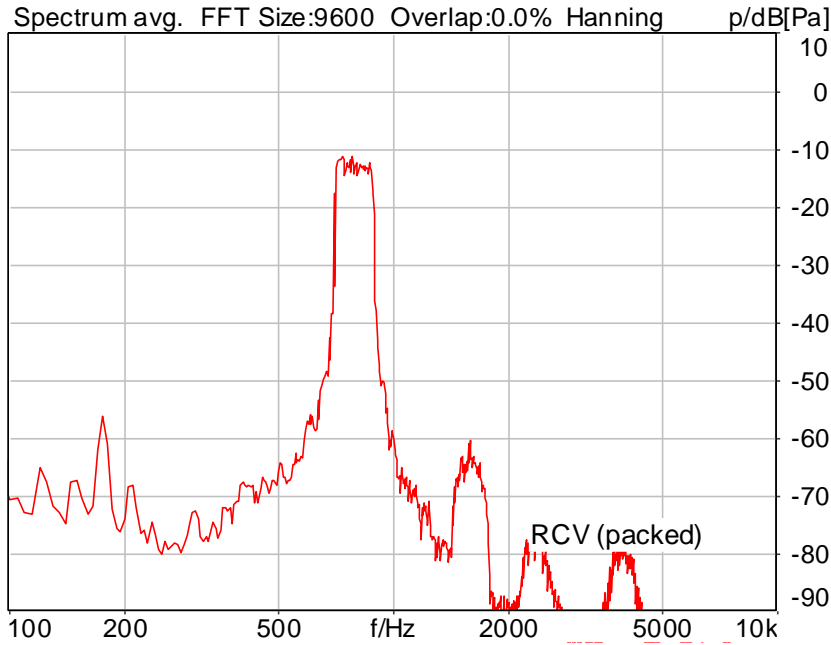
Limits

	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): 41.10 dB (0.88%) Ok

Ok

2023/10/31 下午 01:42 ACQUA 5.1.200

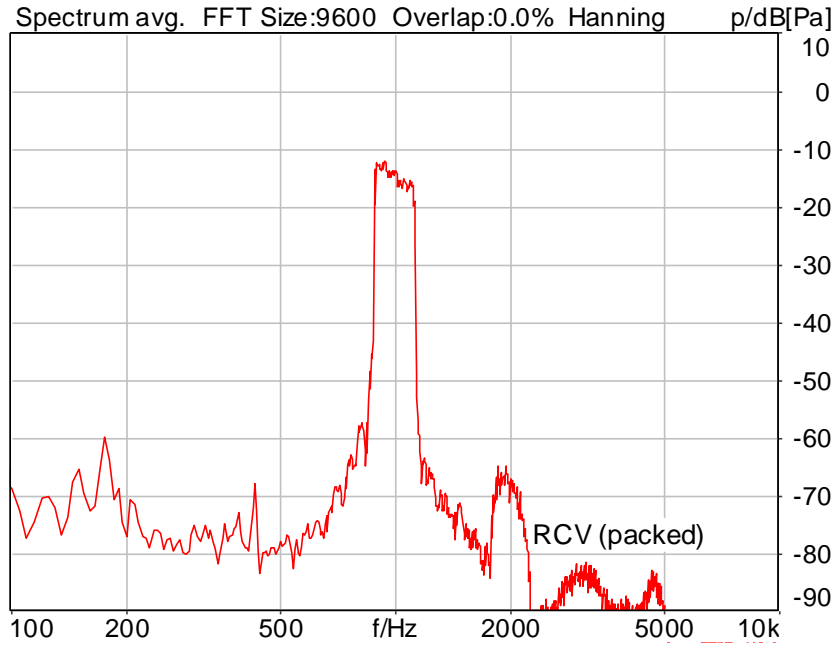
Limits

	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): 45.90 dB (0.51%) Ok

Ok

2023/10/31 下午 01:42 ACQUA 5.1.200

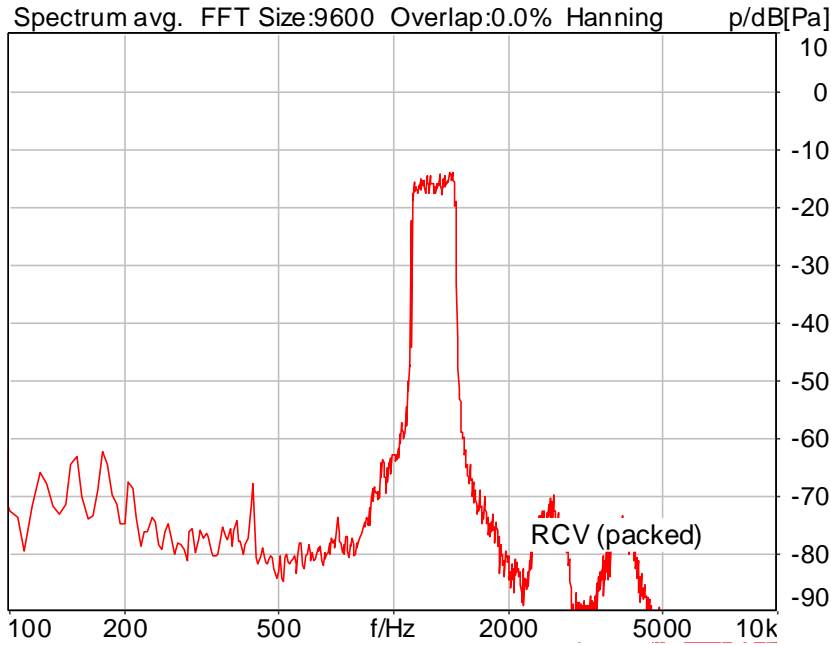
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 1250 Hz WB

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



Distortion (Noise) RCV (packed): 33.17 dB (2.19%) Ok

Ok

2023/10/31 下午 01:43 ACQUA 5.1.200

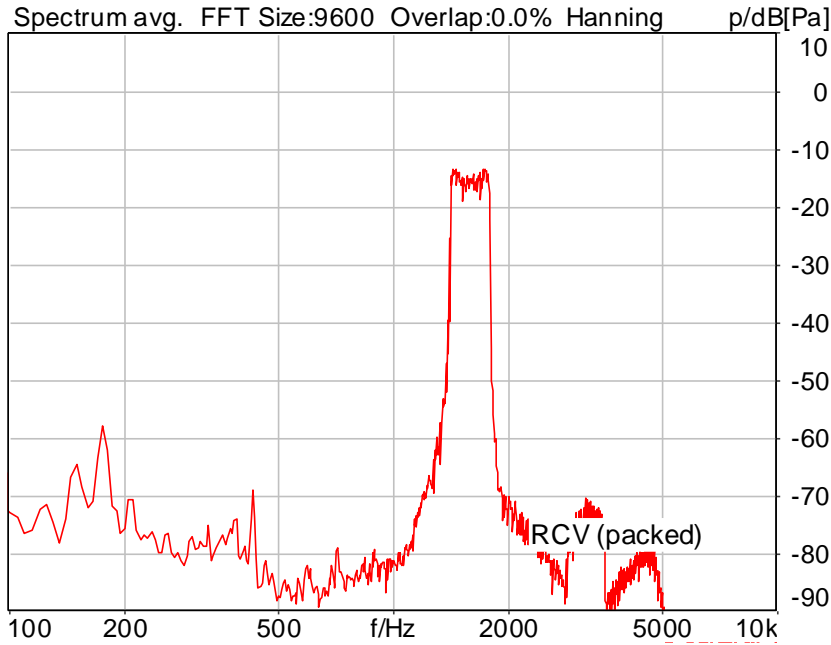
Limits

	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): 44.84 dB (0.57%) Ok

Ok

2023/10/31 下午 01:43 ACQUA 5.1.200

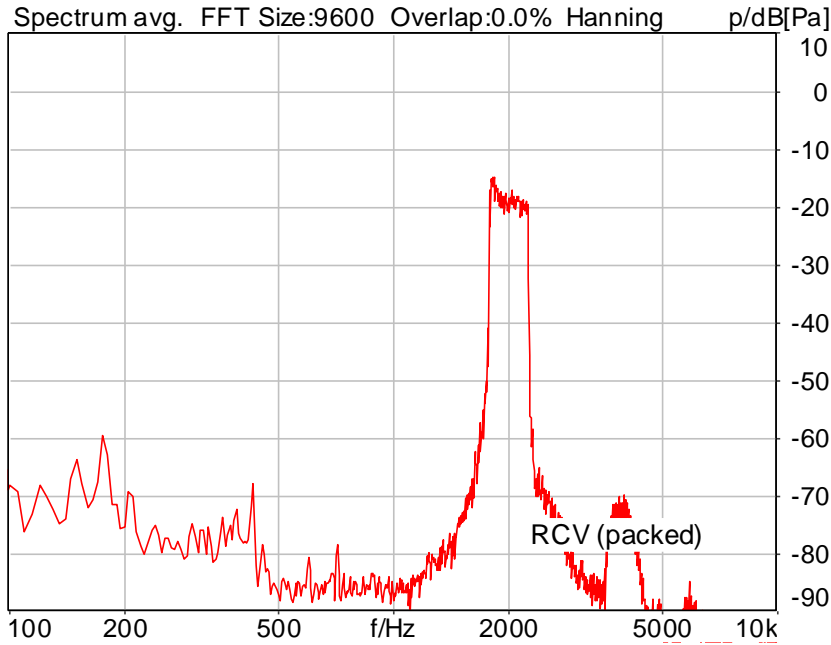
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 2000 Hz WB

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



Distortion (Noise) RCV (packed): 42.00 dB (0.79%) Ok

Ok

2023/10/31 下午 01:44 ACQUA 5.1.200

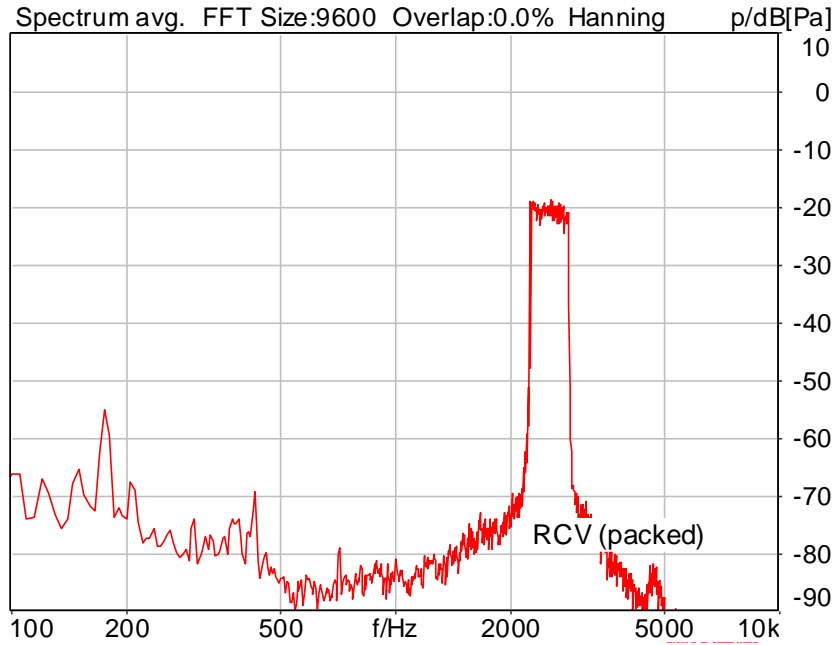
Limits

	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): 46.13 dB (0.49%) Ok

**Ok**

2023/10/31 下午 01:44 ACQUA 5.1.200

**Limits**

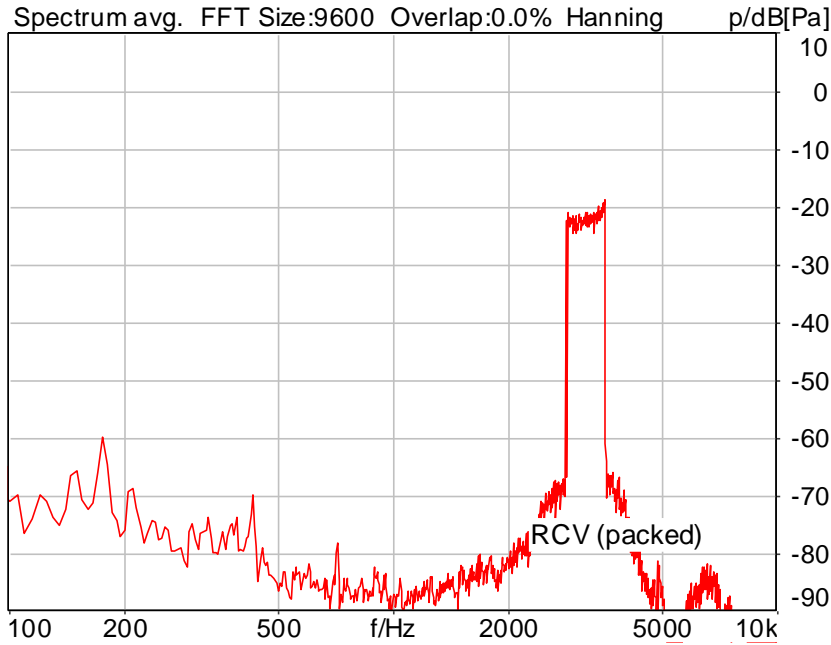
	<b>lower</b>
Run 1	20.00 dB





### 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): 44.98 dB (0.56%) Ok

Ok

2023/10/31 下午 01:45 ACQUA 5.1.200

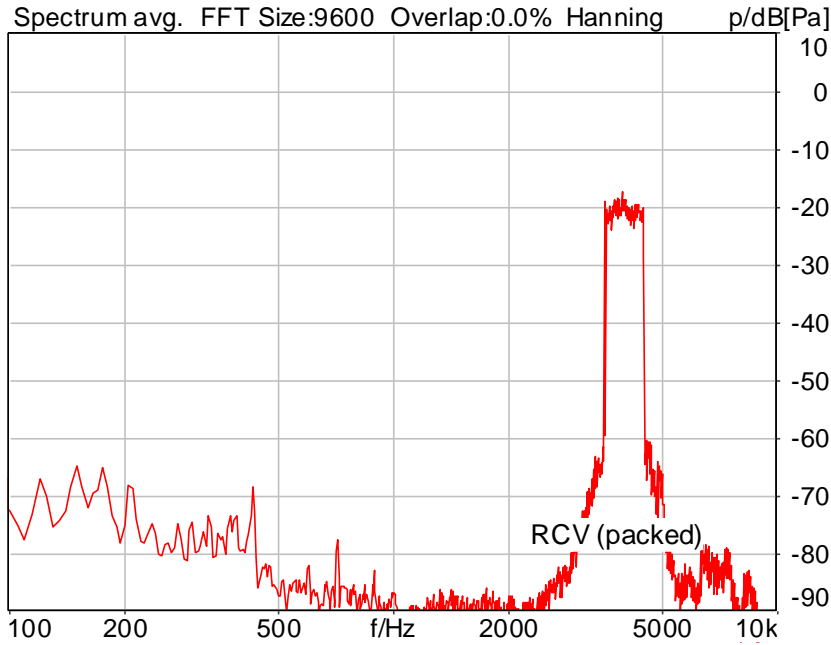
Limits

	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): 44.01 dB (0.63%) Ok

**Ok**

2023/10/31 下午 01:45 ACQUA 5.1.200

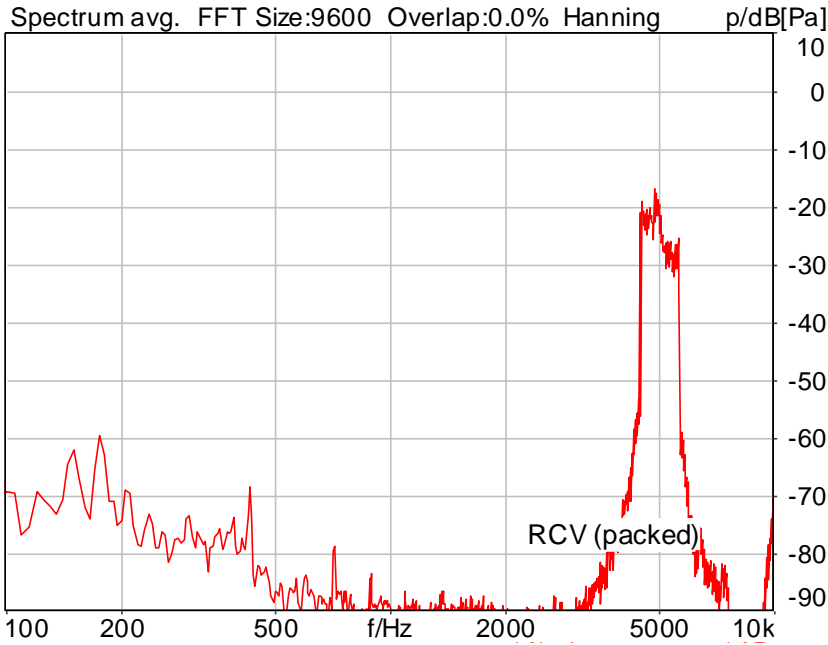
**Limits**

	<b>lower</b>
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): 40.02 dB (1.00%) Ok

Ok

2023/10/31 下午 01:46 ACQUA 5.1.200

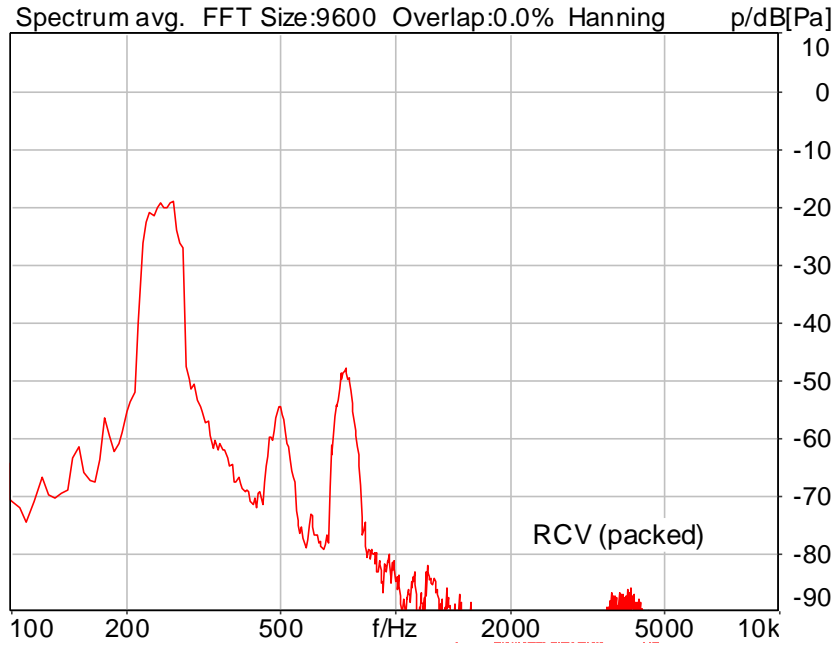
Limits

	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): 28.41 dB (3.80%) Ok

Ok

2023/10/31 下午 01:47 ACQUA 5.1.200

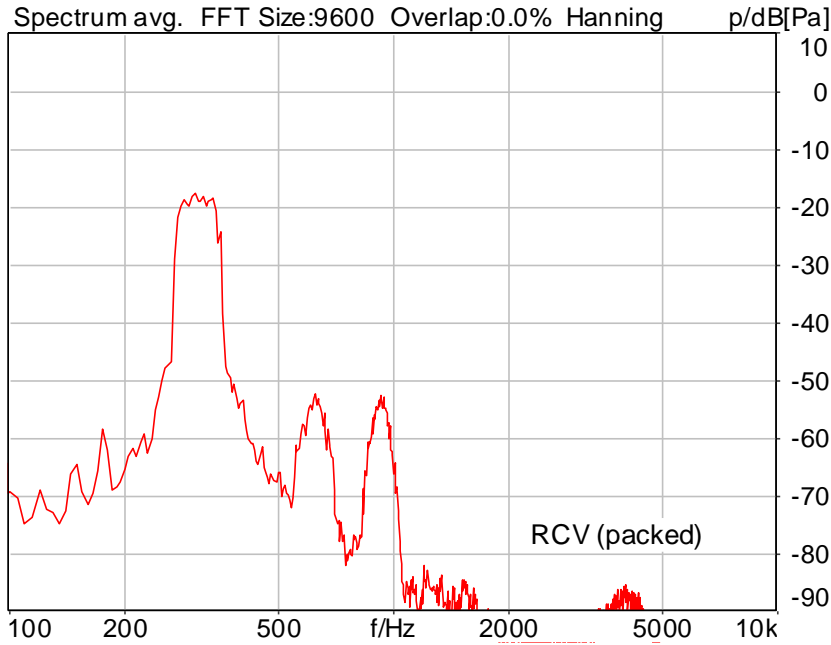
Limits

	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): 31.98 dB (2.52%) Ok

Ok

2023/10/31 下午 01:47 ACQUA 5.1.200

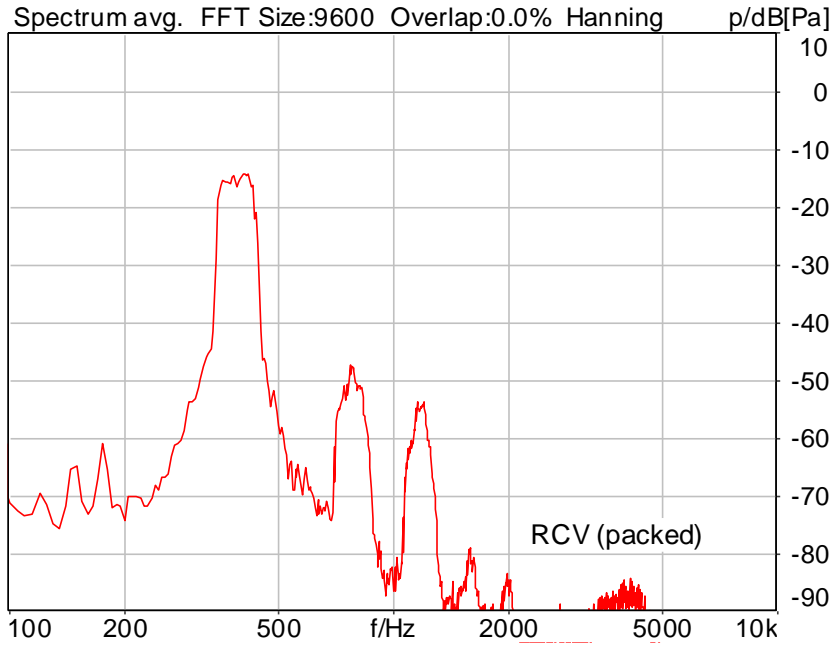
Limits

	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): 32.62 dB (2.34%) Ok

Ok

2023/10/31 下午 01:48 ACQUA 5.1.200

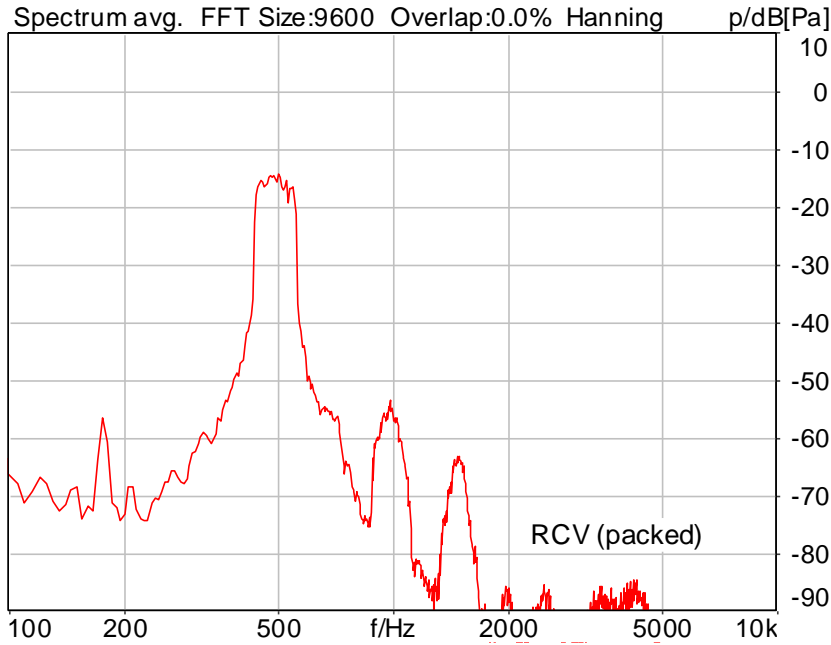
Limits

	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): 35.12 dB (1.75%) Ok

Ok

2023/10/31 下午 01:48 ACQUA 5.1.200

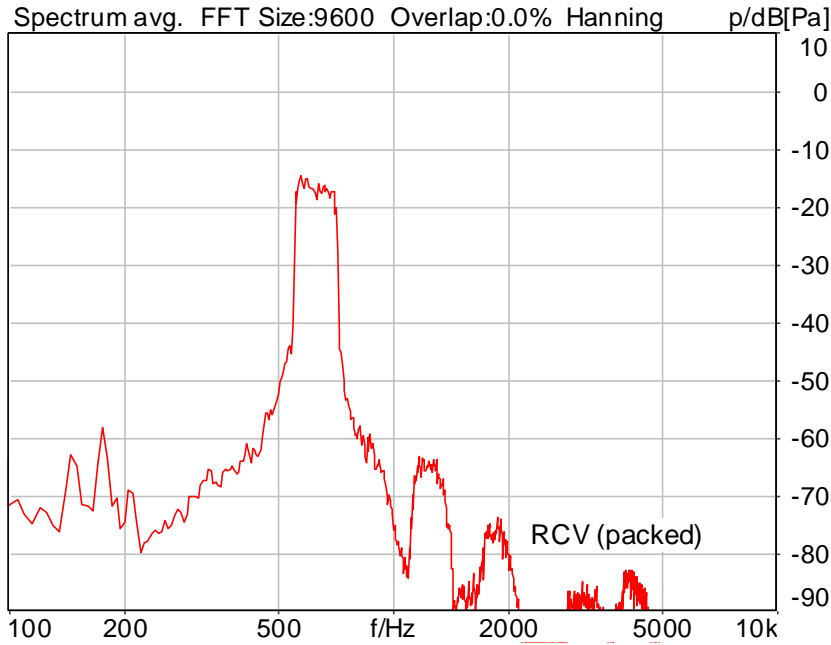
Limits

	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): 38.29 dB (1.22%) Ok

Ok

2023/10/31 下午 01:49 ACQUA 5.1.200

Limits

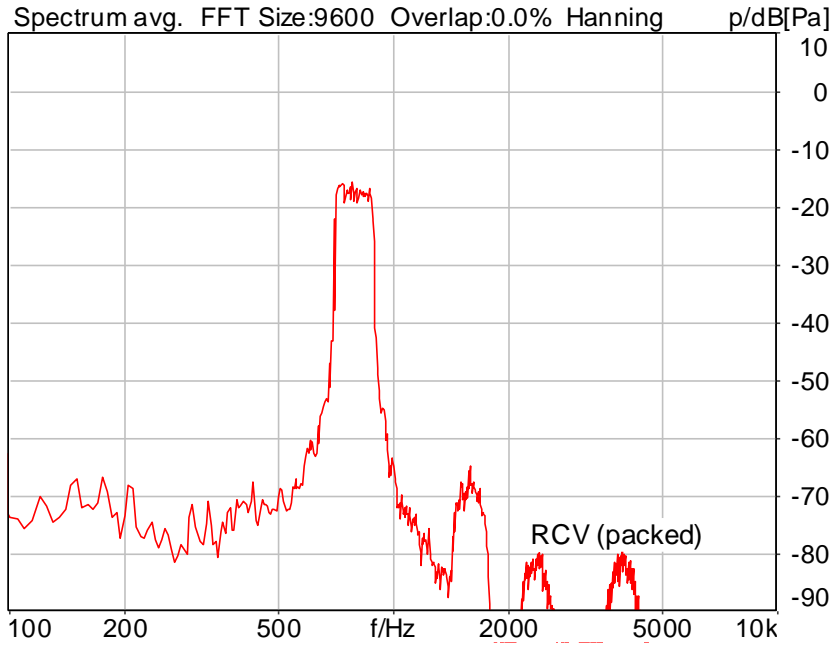
	lower
Run 1	20.00 dB





### 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): 41.01 dB (0.89%) Ok

Ok

2023/10/31 下午 01:49 ACQUA 5.1.200

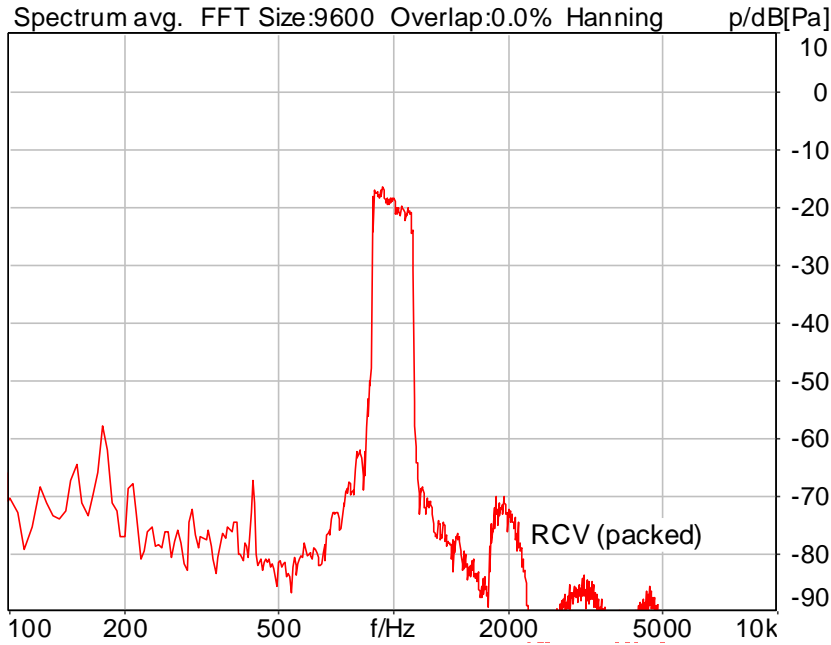
Limits

	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): 45.84 dB (0.51%) Ok

Ok

2023/10/31 下午 01:50 ACQUA 5.1.200

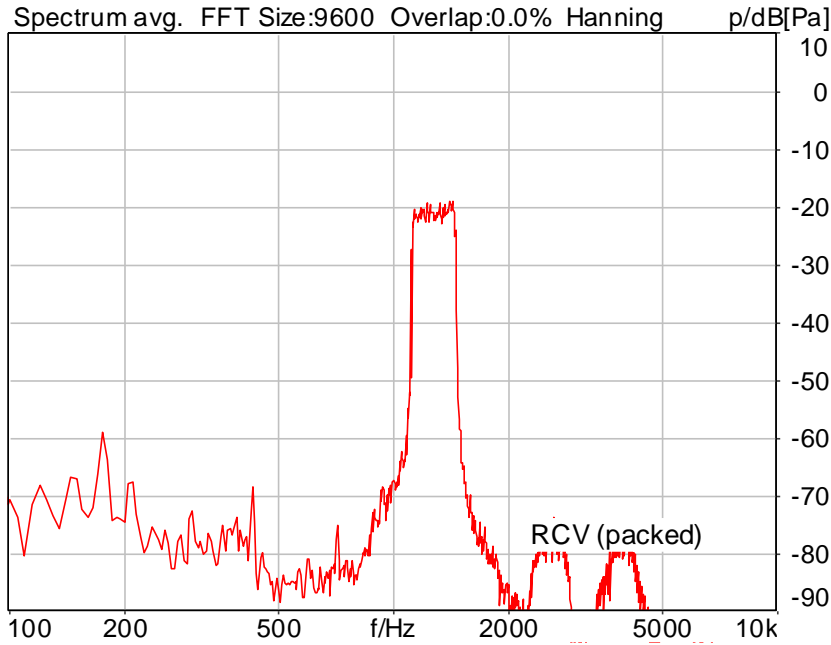
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 1250 Hz WB

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



Distortion (Noise) RCV (packed): 33.00 dB (2.24%) Ok

Ok

2023/10/31 下午 01:50 ACQUA 5.1.200

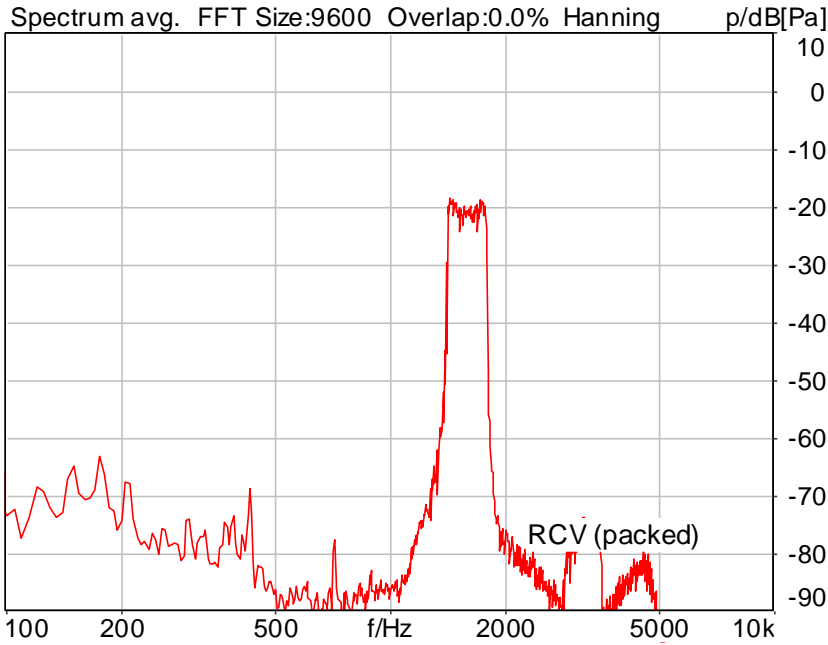
Limits

	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): 44.12 dB (0.62%) Ok

Ok

2023/10/31 下午 01:51 ACQUA 5.1.200

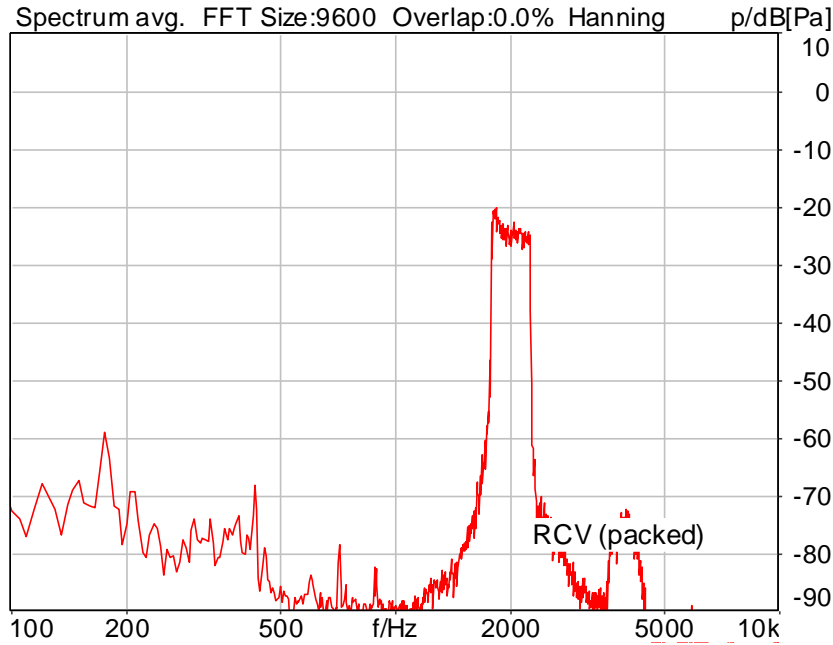
Limits

	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): 41.18 dB (0.87%) Ok

Ok

2023/10/31 下午 01:51 ACQUA 5.1.200

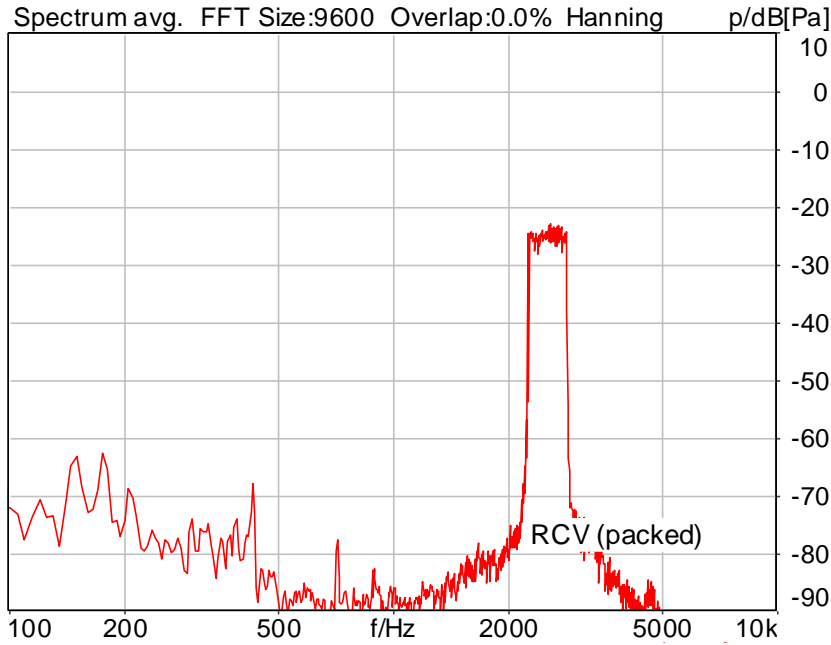
Limits

	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): 45.81 dB (0.51%) Ok

**Ok**

2023/10/31 下午 01:52 ACQUA 5.1.200

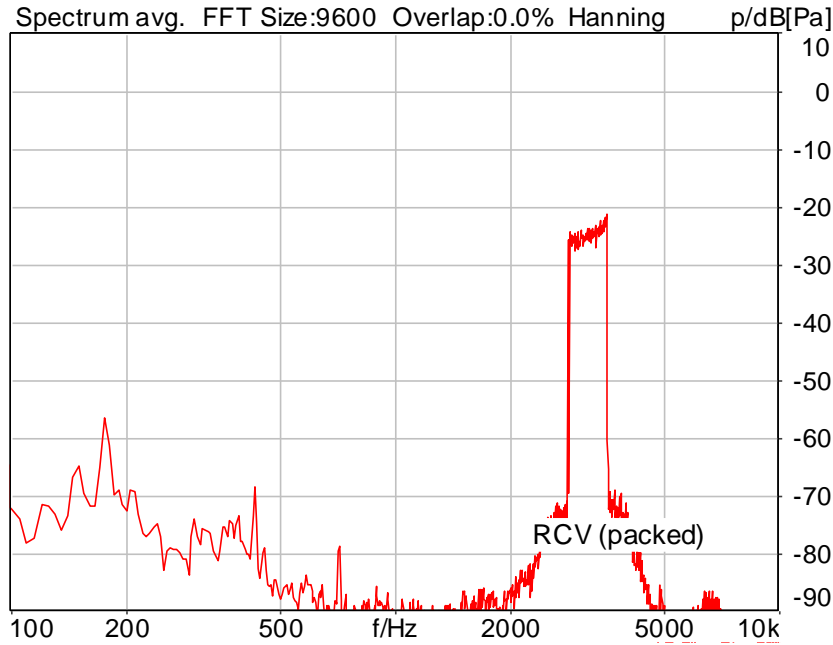
**Limits**

	<b>lower</b>
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): 45.72 dB (0.52%) Ok

Ok

2023/10/31 下午 01:52 ACQUA 5.1.200

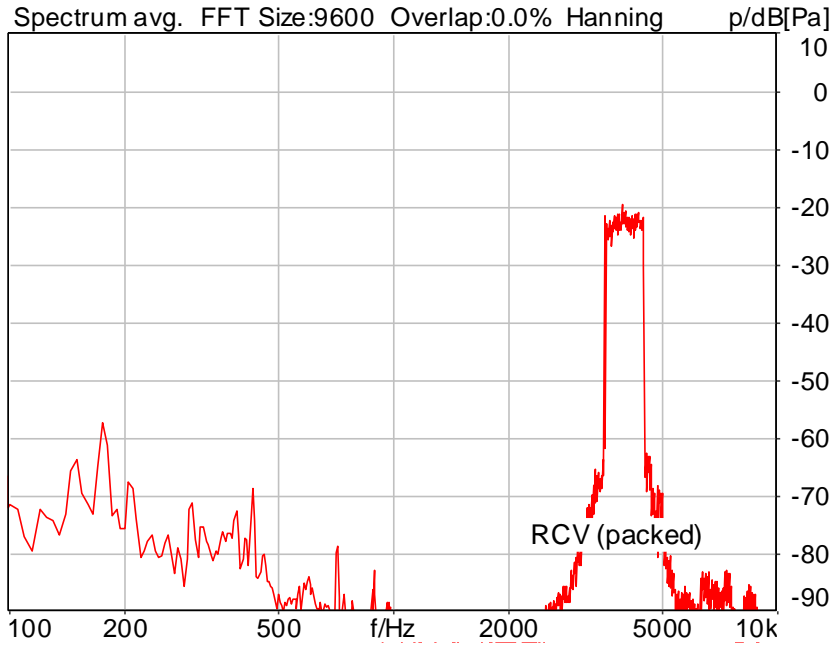
Limits

	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): 44.73 dB (0.58%) Ok

Ok

2023/10/31 下午 01:53 ACQUA 5.1.200

Limits

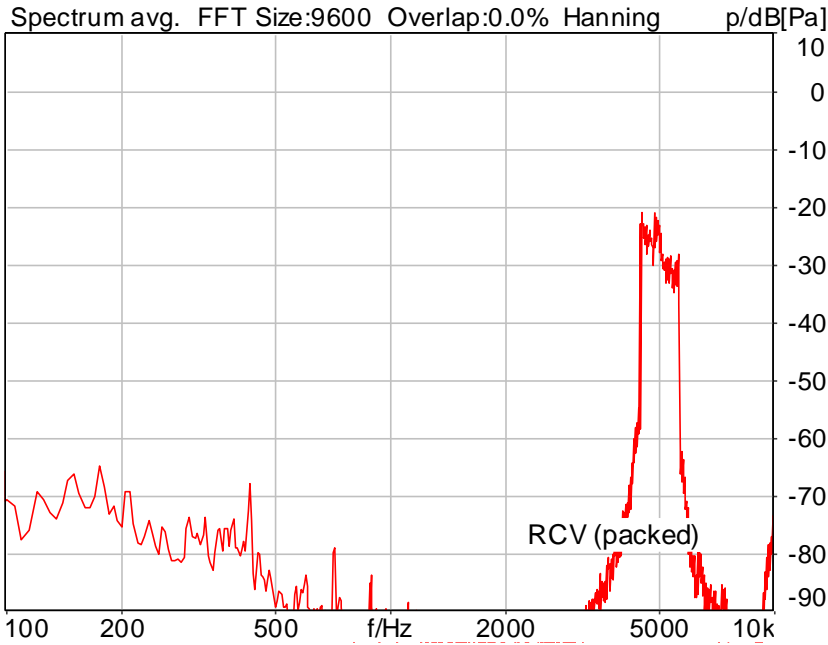
	lower
Run 1	20.00 dB





### 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): 38.88 dB (1.14%) Ok

Ok

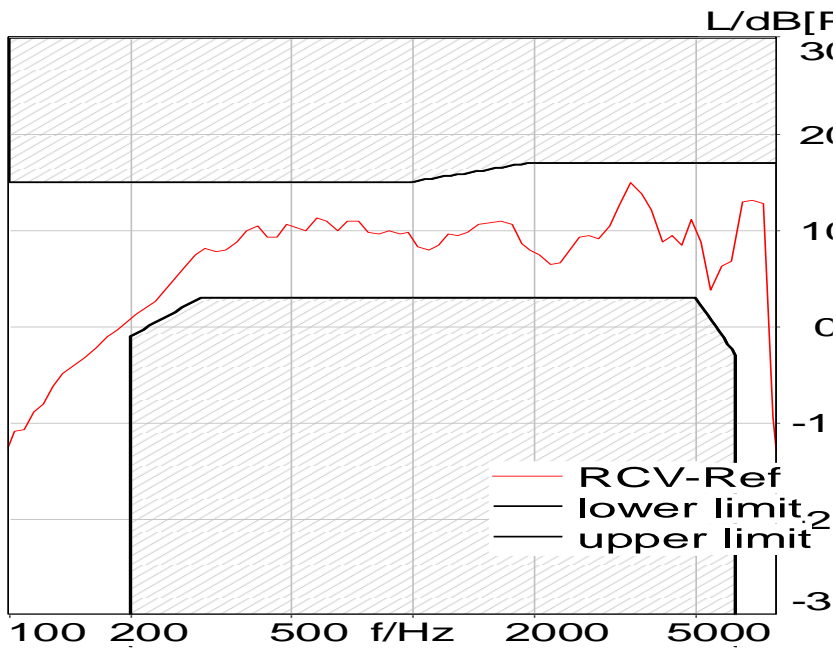
2023/10/31 下午 01:53 ACQUA 5.1.200

Limits

	lower
Run 1	20.00 dB

### 5.3 Frequency Response 2N FF

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



Absolute minimal distance  
2.08 dB at 3445.5 Hz Ok

Ok

2023/10/31 下午 01:55 ACQUA 5.1.200

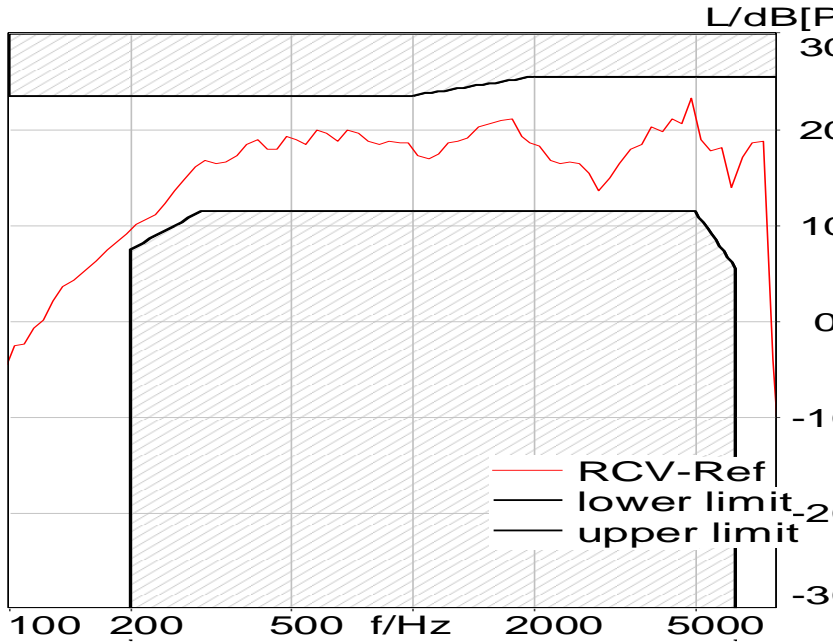
**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



### 5.3 Frequency Response 8N FF

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



Absolute minimal distance  
2.21 dB at 4870.0 Hz Ok

Ok

2023/10/31 下午 02:02 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



#6 LTE B66 EVS WB 24.4Kbps

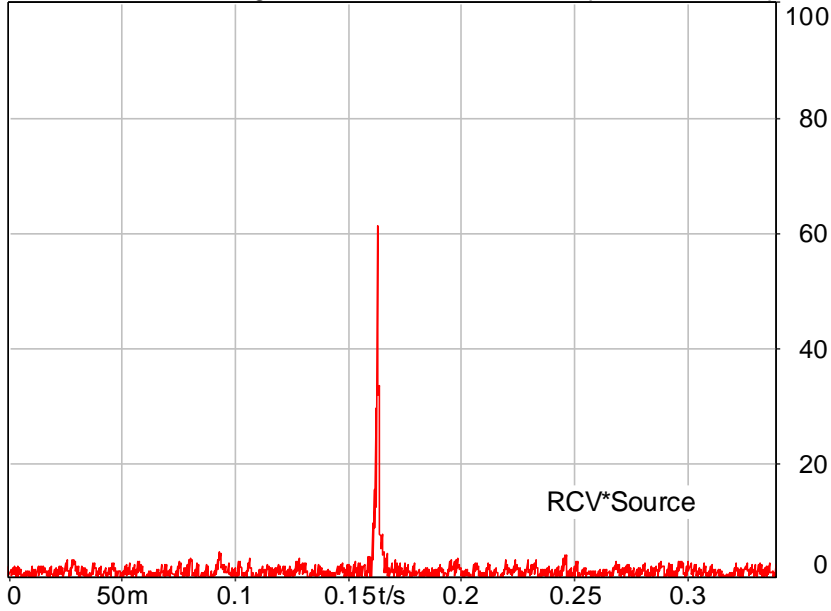
SMD	Status	Single Value Description	Single Value	Object
Overall Receive Delay WB	Done	Delay (Cross) [ms]	163.1	LTE 66 EVS-WB 24.4kbps
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	90.21	LTE 66 EVS-WB 24.4kbps
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.46	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.47	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.24	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.87	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.43	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.79	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.59	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.97	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.91	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.93	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.89	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.04	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.39	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.74	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	40.34	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.32	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.97	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.85	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.56	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.61	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.21	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.97	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.65	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.00	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.06	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.16	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.14	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.37	LTE 66 EVS-WB 24.4kbps
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	39.03	LTE 66 EVS-WB 24.4kbps
5.3 Frequency Response 2N FF	Ok	Min. dist. to tolerance scheme [dB], 576.7 Hz	2.78	LTE 66 EVS-WB 24.4kbps
5.3 Frequency Response 8N FF	Ok	Min. dist. to tolerance scheme [dB], 4870.0 Hz	2.10	LTE 66 EVS-WB 24.4kbps



### Overall Receive Delay WB

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

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



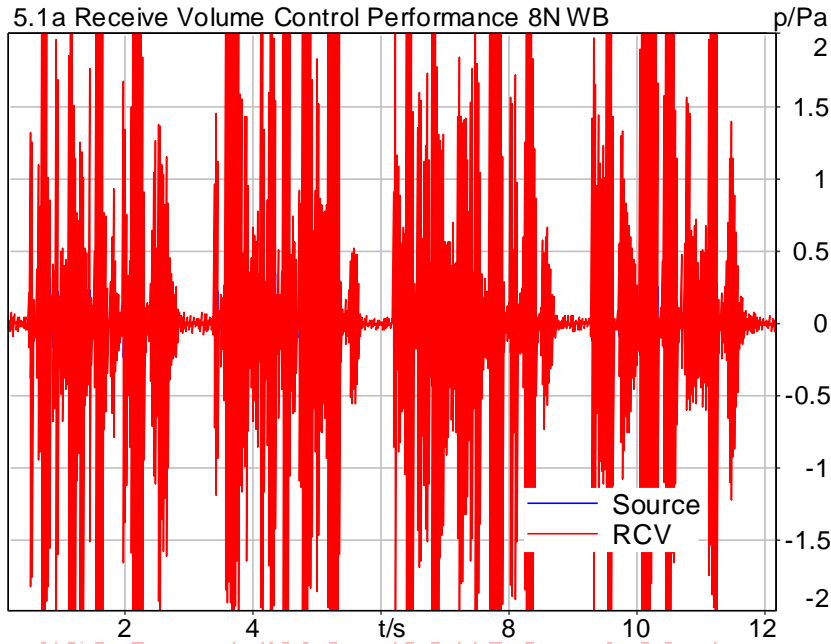
Delay (Cross): 163.1 ms

2023/10/31 上午 11:24 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 90.21 dB[SPL], Act.: 59.59% Ok

Ok

2023/10/31 上午 11:24 ACQUA 5.1.200

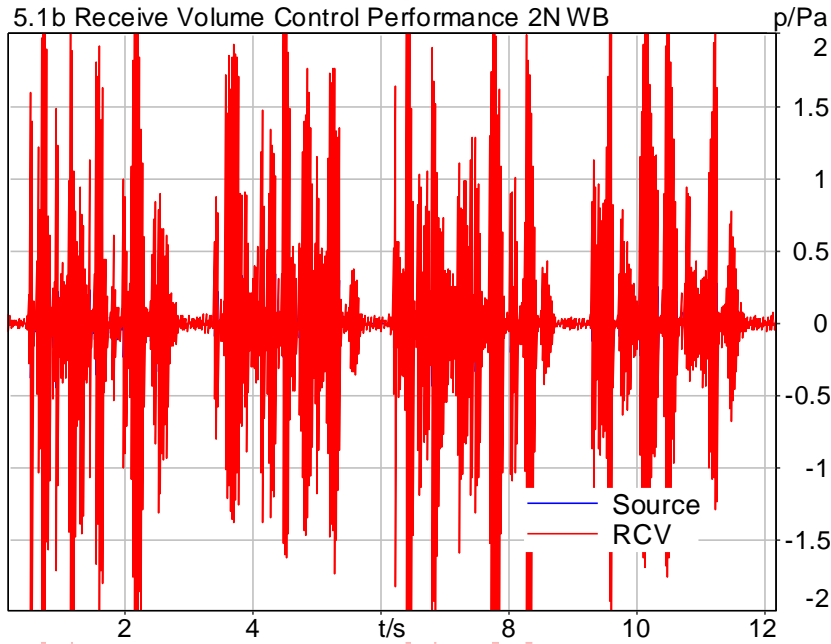
Limits

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 87.46 dB[SPL], Act.: 42.25% Ok

Ok

2023/10/31 上午 11:25 ACQUA 5.1.200

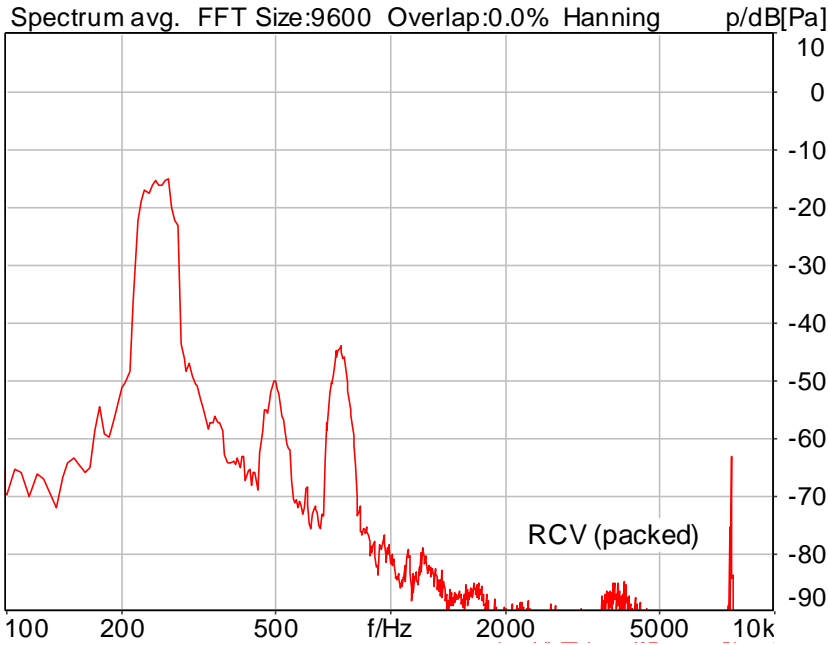
Limits

	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): 28.47 dB (3.77%) Ok

Ok

2023/10/31 上午 11:25 ACQUA 5.1.200

Limits

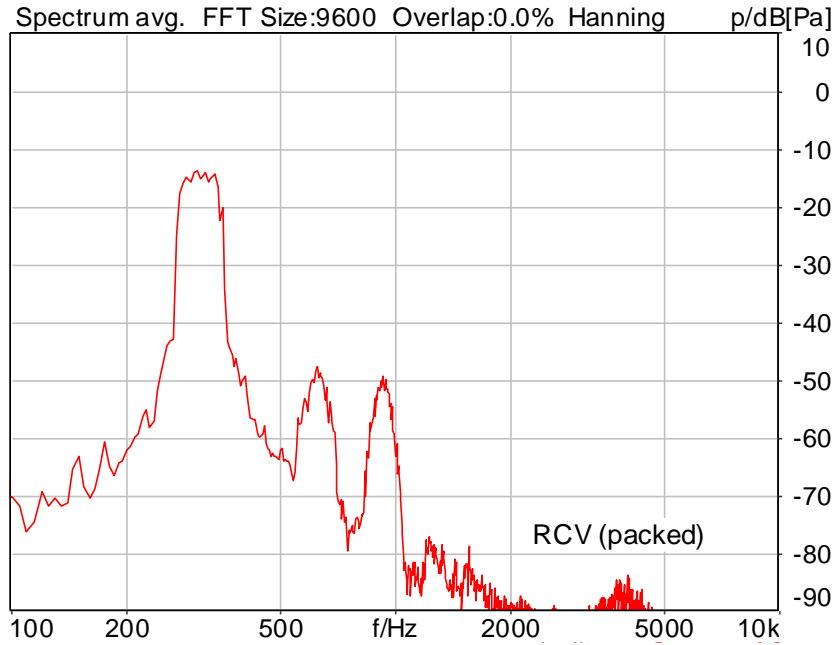
	lower
Run 1	20.00 dB





### 5.2 RCV Distortion and Noise - 315 Hz WB

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



Distortion (Noise) RCV (packed): 32.24 dB (2.44%) Ok

Ok

2023/10/31 上午 11:26 ACQUA 5.1.200

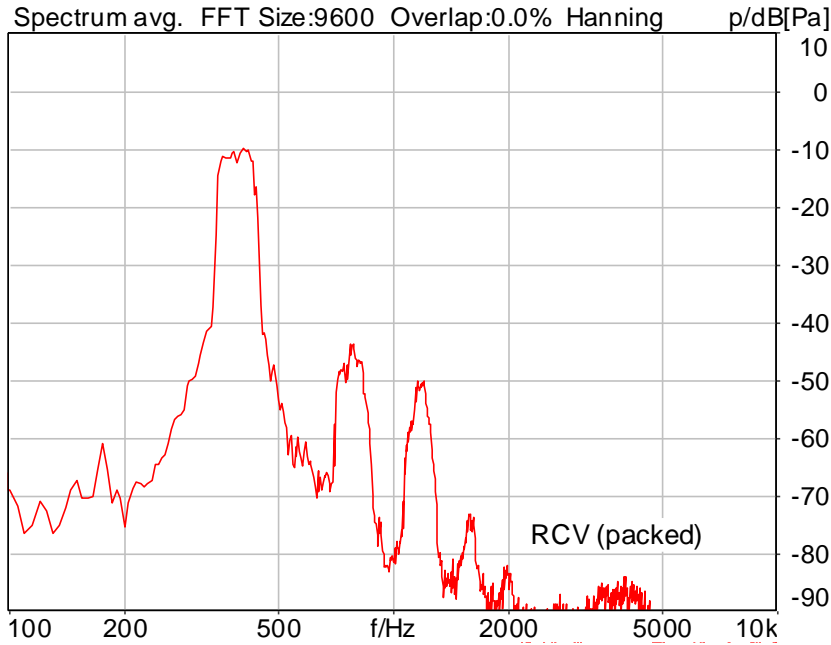
Limits

	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): 32.87 dB (2.27%) Ok

Ok

2023/10/31 上午 11:27 ACQUA 5.1.200

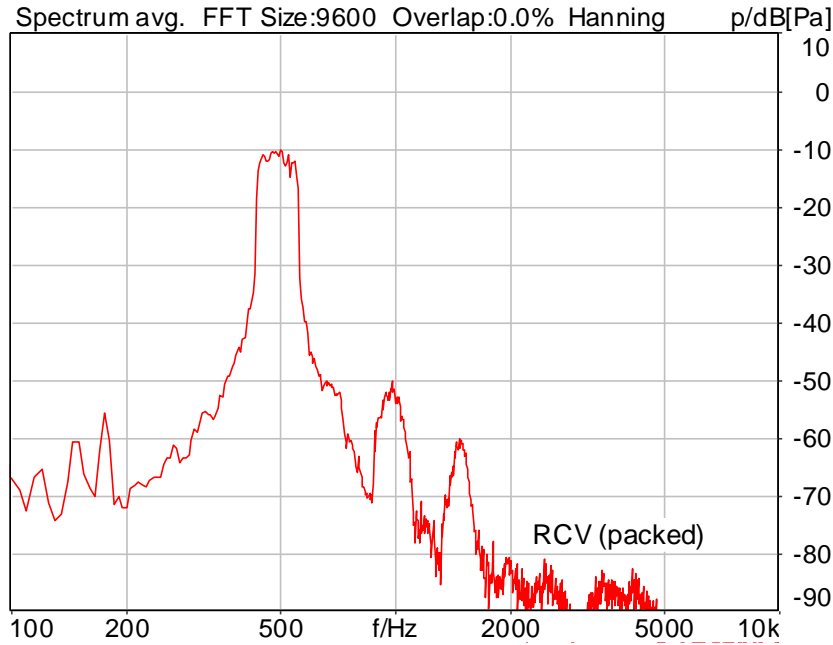
Limits

	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): 35.43 dB (1.69%) Ok

Ok

2023/10/31 上午 11:27 ACQUA 5.1.200

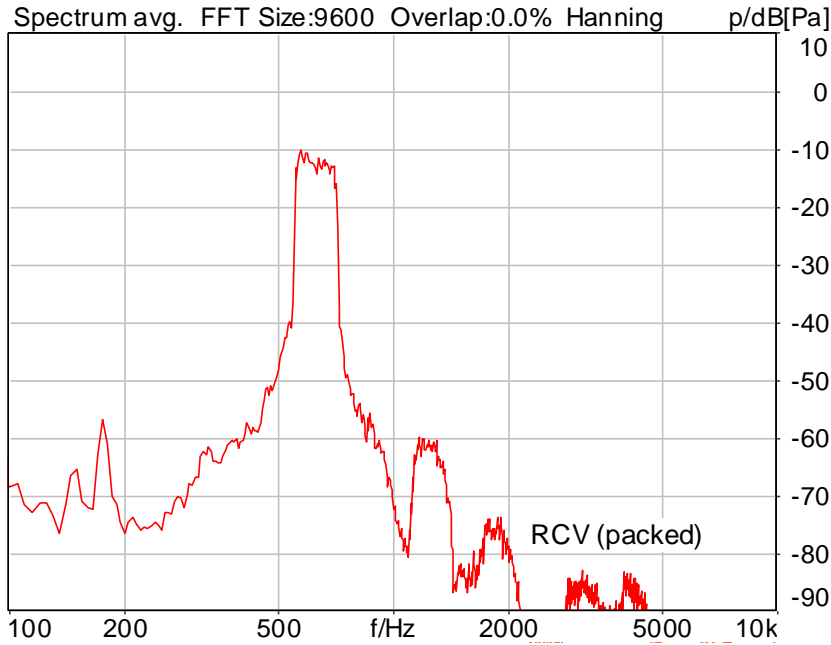
Limits

	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): 38.79 dB (1.15%) Ok

Ok

2023/10/31 上午 11:28 ACQUA 5.1.200

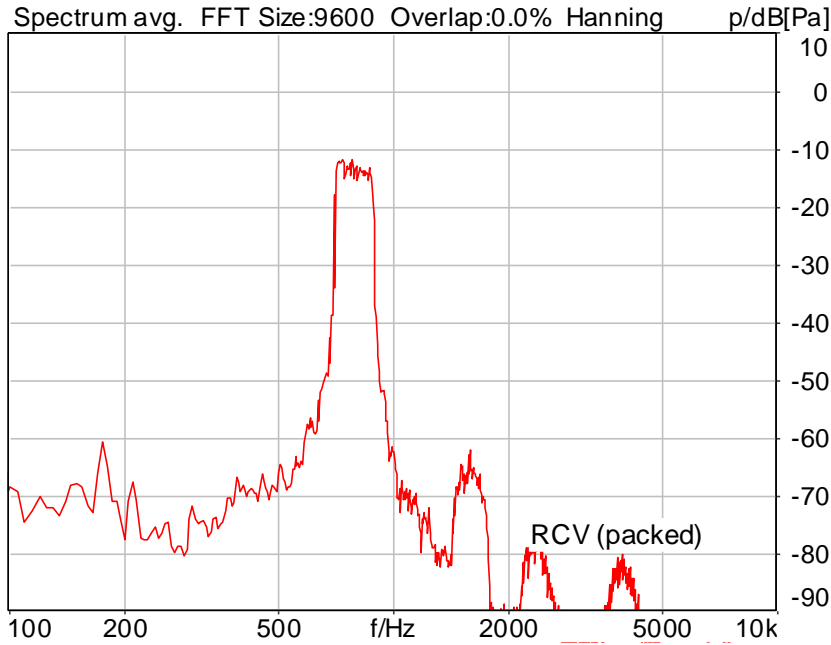
Limits

	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): 41.59 dB (0.83%) Ok

Ok

2023/10/31 上午 11:28 ACQUA 5.1.200

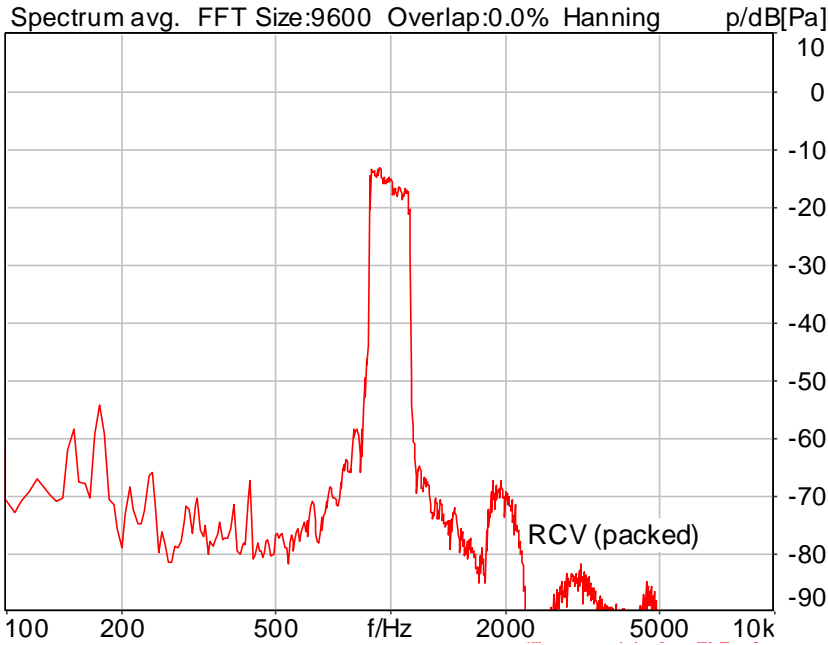
Limits

	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): 45.97 dB (0.50%) Ok

Ok

2023/10/31 上午 11:29 ACQUA 5.1.200

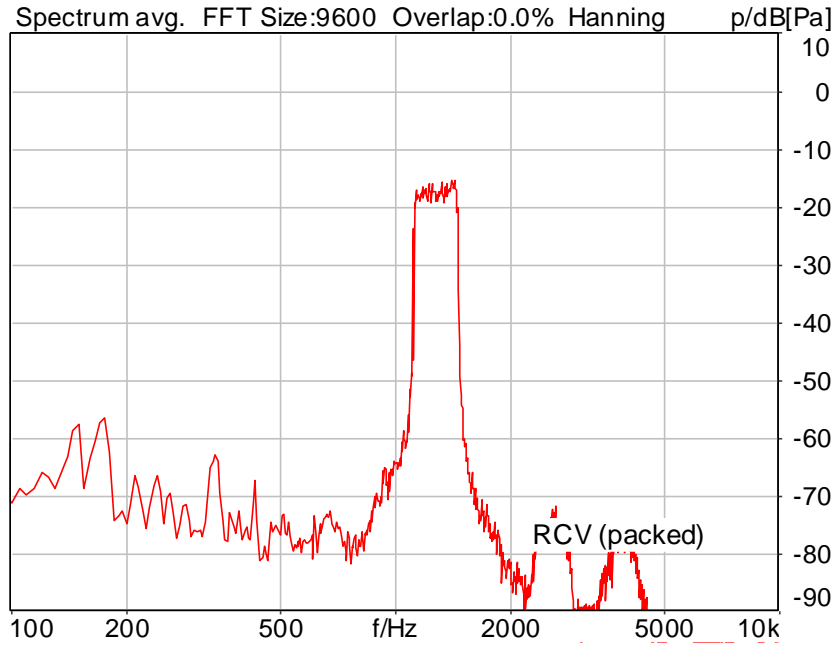
Limits

	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): 32.91 dB (2.26%) Ok

Ok

2023/10/31 上午 11:29 ACQUA 5.1.200

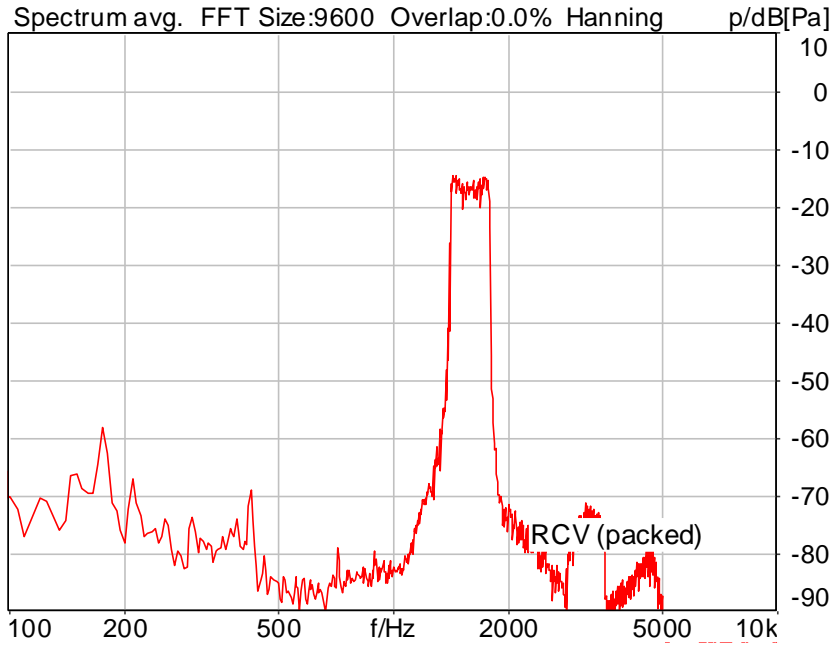
Limits

	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



Ok

2023/10/31 上午 11:30 ACQUA 5.1.200

Limits

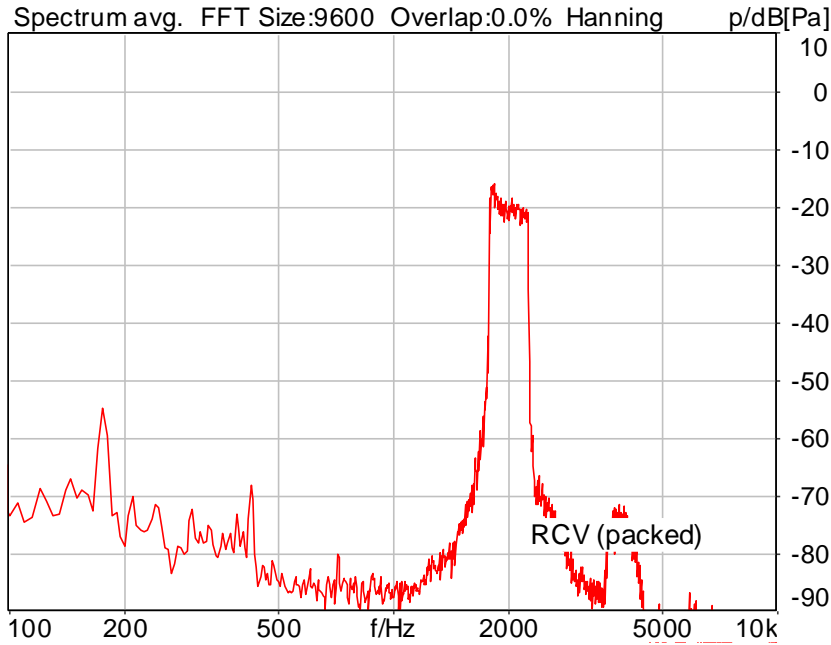
	lower
Run 1	20.00 dB





### 5.2 RCV Distortion and Noise - 2000 Hz WB

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



Distortion (Noise) RCV (packed): 41.89 dB (0.80%) Ok

**Ok**

2023/10/31 上午 11:30 ACQUA 5.1.200

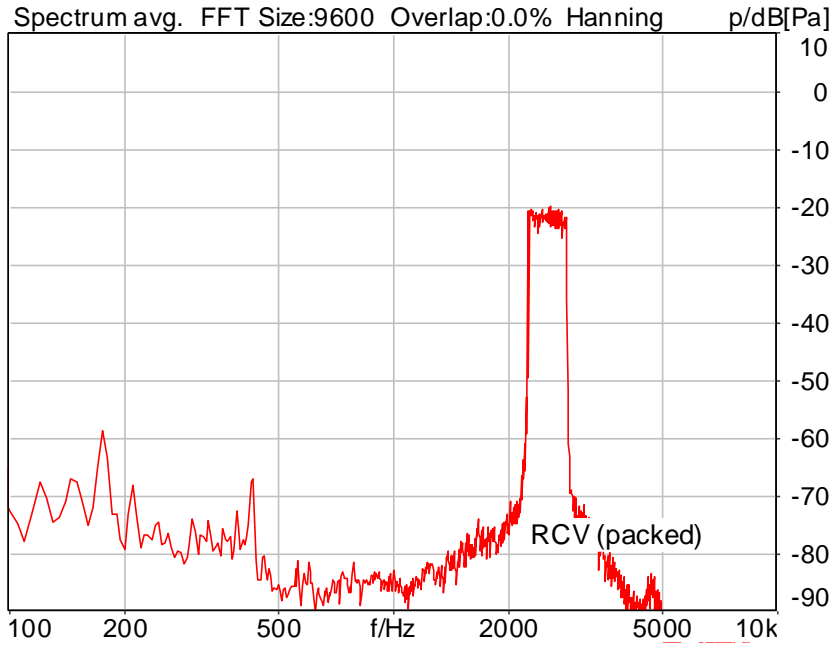
**Limits**

	<b>lower</b>
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): 46.04 dB (0.50%) Ok

**Ok**

2023/10/31 上午 11:31 ACQUA 5.1.200

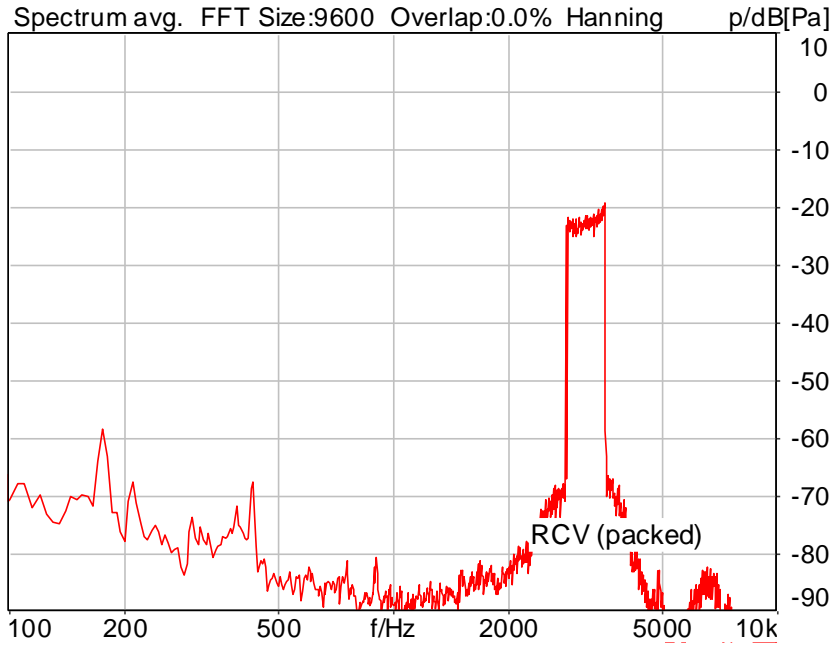
**Limits**

	<b>lower</b>
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): 45.39 dB (0.54%) Ok

Ok

2023/10/31 上午 11:31 ACQUA 5.1.200

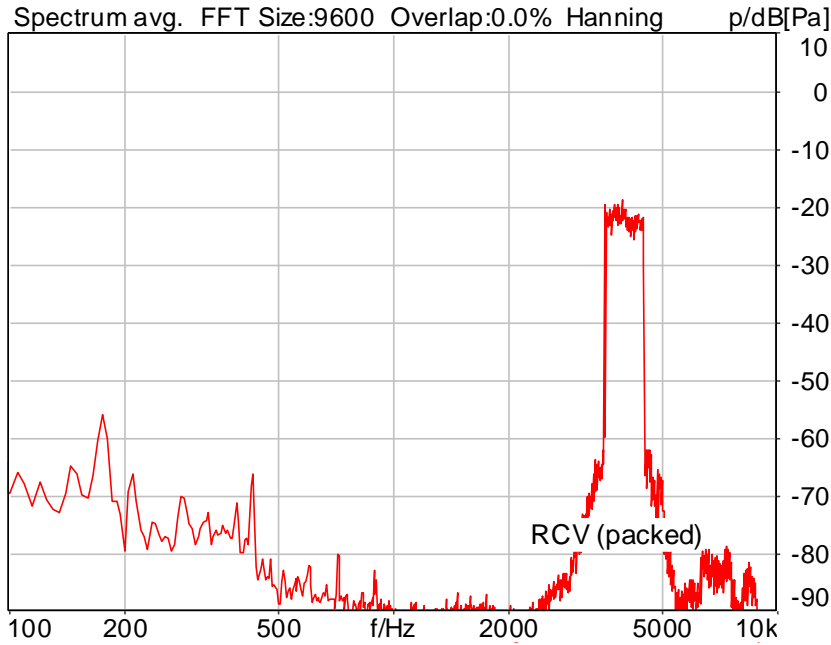
Limits

	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): 43.74 dB (0.65%) Ok

Ok

2023/10/31 上午 11:32 ACQUA 5.1.200

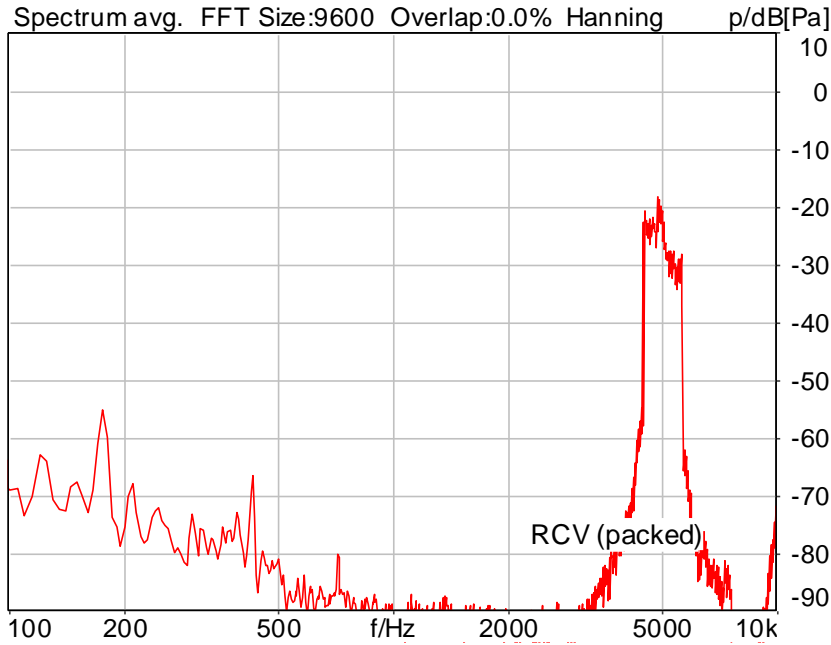
Limits

	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): 40.34 dB (0.96%) Ok

Ok

2023/10/31 上午 11:32 ACQUA 5.1.200

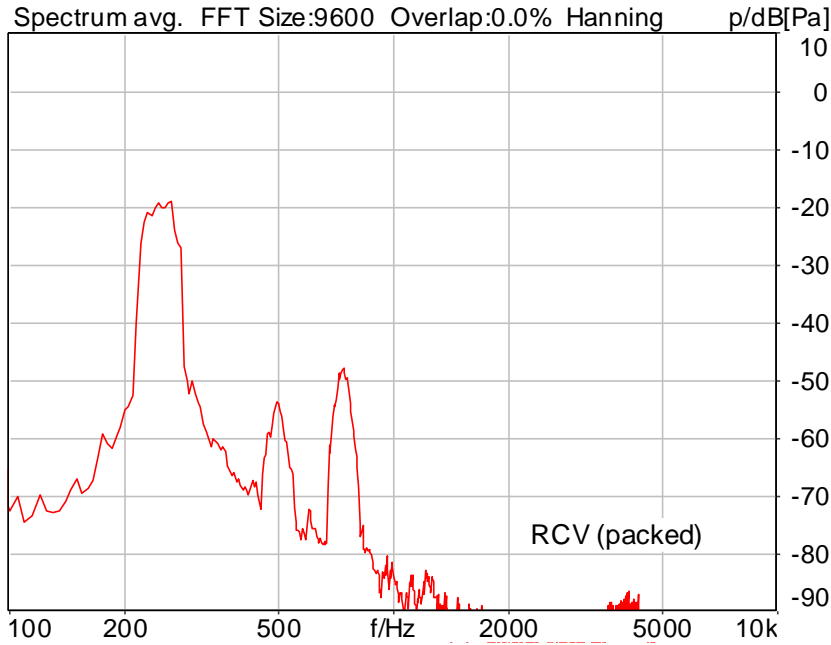
Limits

	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): 28.32 dB (3.84%) Ok

Ok

2023/10/31 上午 11:33 ACQUA 5.1.200

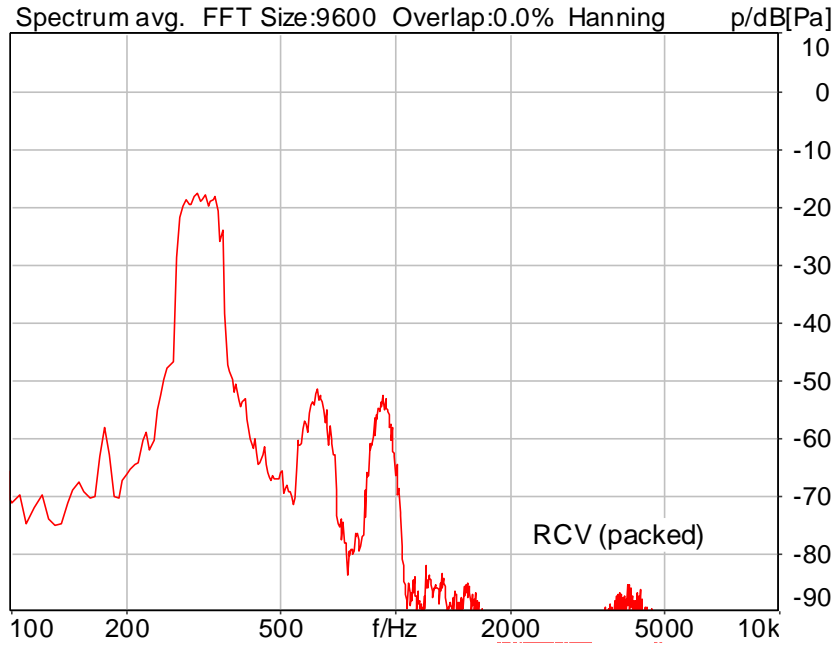
Limits

	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): 31.97 dB (2.52%) Ok

Ok

2023/10/31 上午 11:34 ACQUA 5.1.200

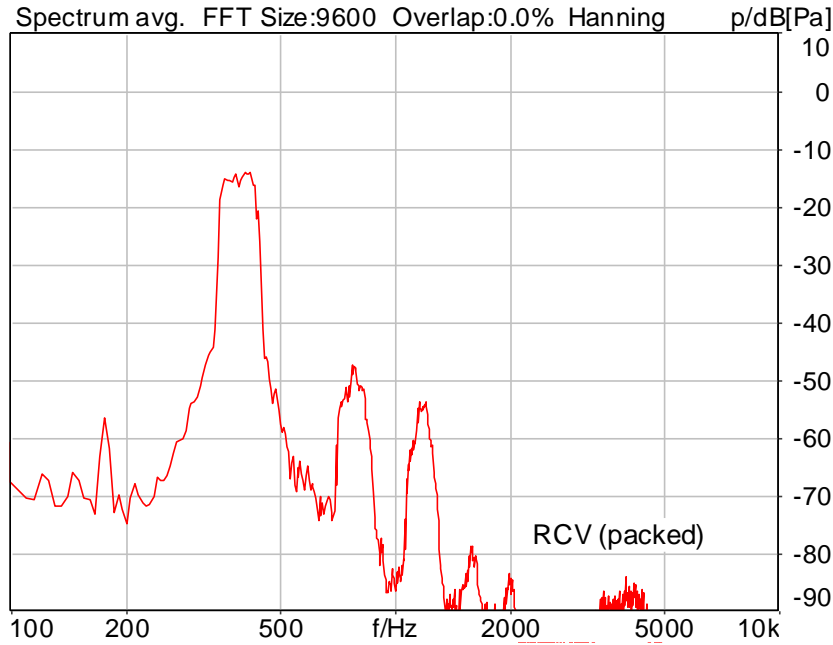
Limits

	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): 32.85 dB (2.28%) Ok

Ok

2023/10/31 上午 11:34 ACQUA 5.1.200

Limits

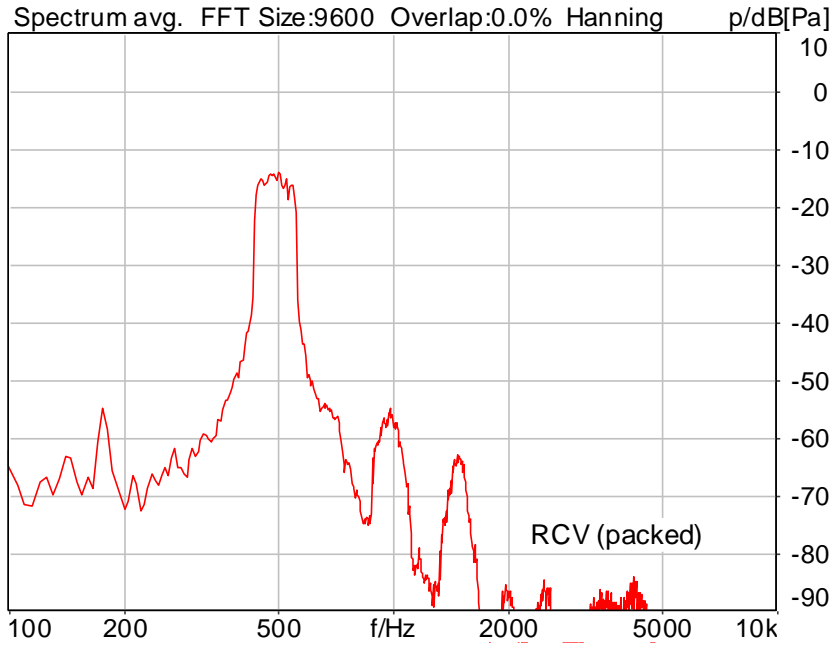
	lower
Run 1	20.00 dB





### 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): 35.56 dB (1.67%) Ok

Ok

2023/10/31 上午 11:35 ACQUA 5.1.200

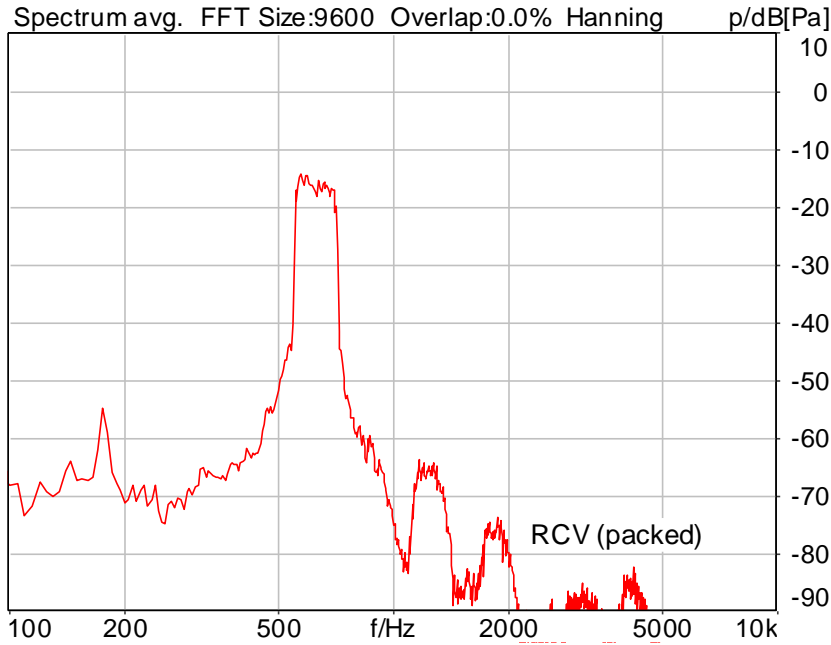
Limits

	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): 38.61 dB (1.17%) Ok

Ok

2023/10/31 上午 11:35 ACQUA 5.1.200

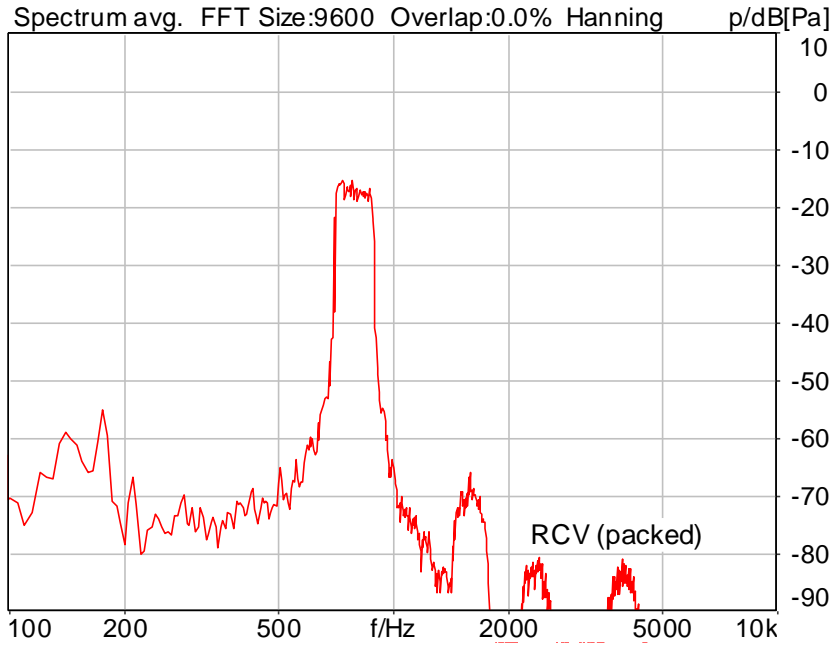
Limits

	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): 41.21 dB (0.87%) Ok

Ok

2023/10/31 上午 11:36 ACQUA 5.1.200

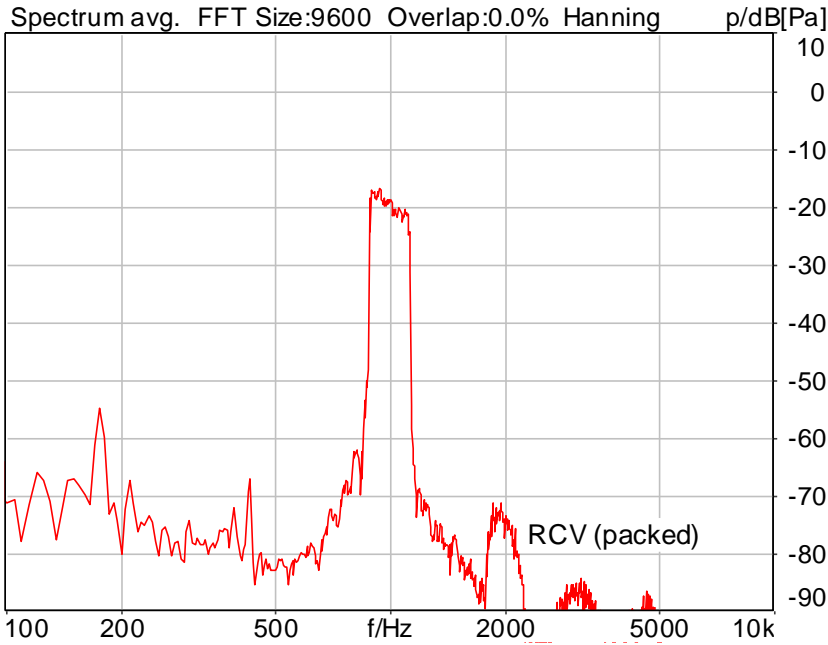
Limits

	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): 45.97 dB (0.50%) Ok

Ok

2023/10/31 上午 11:36 ACQUA 5.1.200

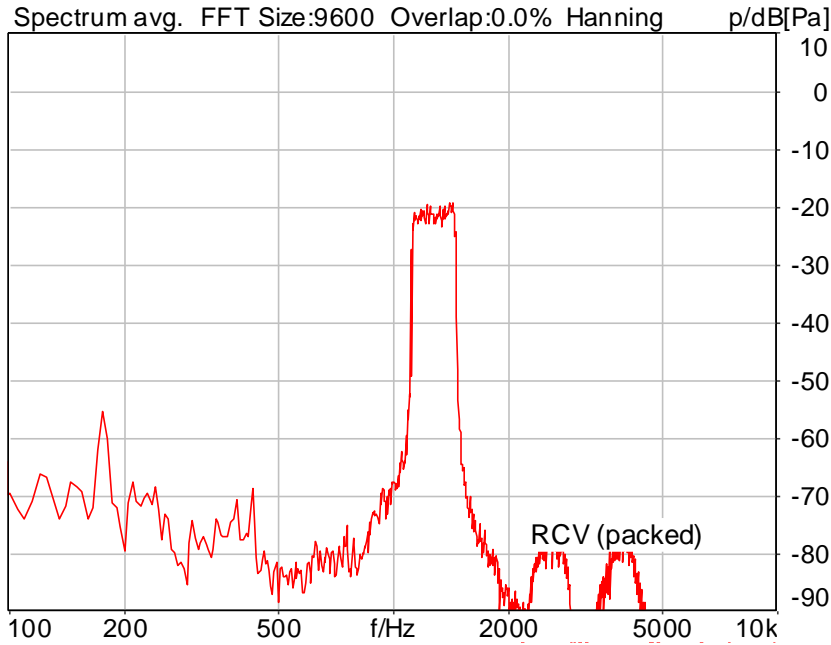
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 1250 Hz WB

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



Distortion (Noise) RCV (packed): 33.65 dB (2.08%) Ok

Ok

2023/10/31 上午 11:37 ACQUA 5.1.200

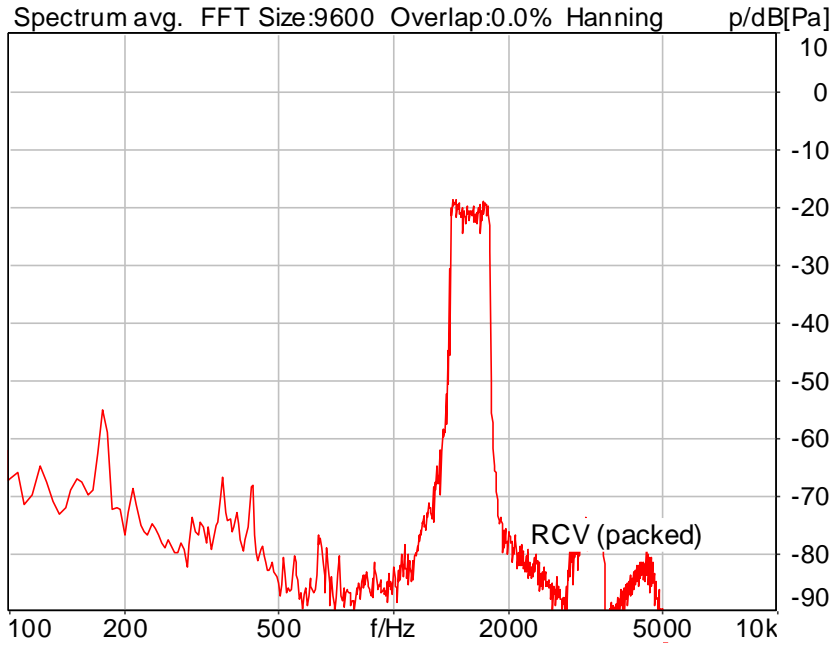
Limits

	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): 44.00 dB (0.63%) Ok

**Ok**

2023/10/31 上午 11:37 ACQUA 5.1.200

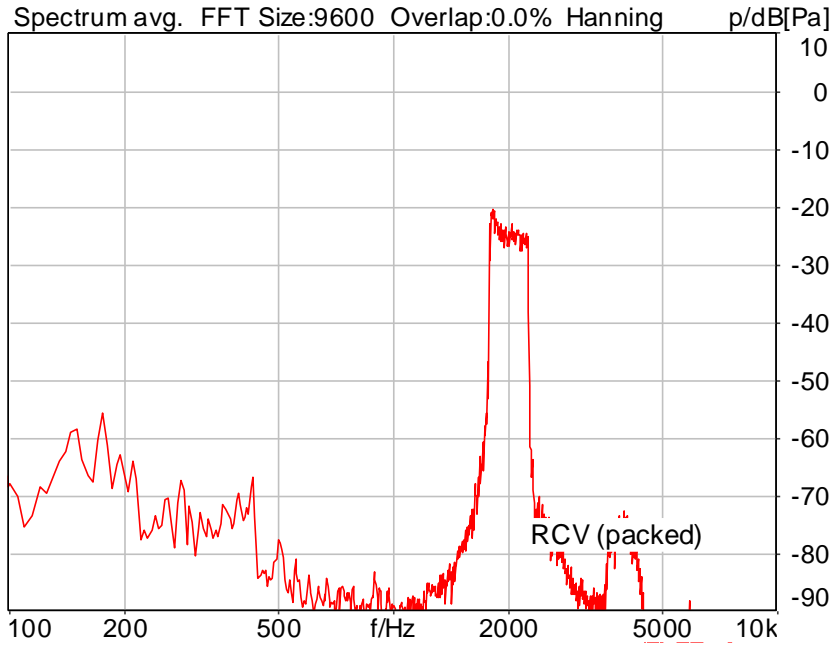
**Limits**

	<b>lower</b>
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): 41.06 dB (0.88%) Ok

**Ok**

2023/10/31 上午 11:38 ACQUA 5.1.200

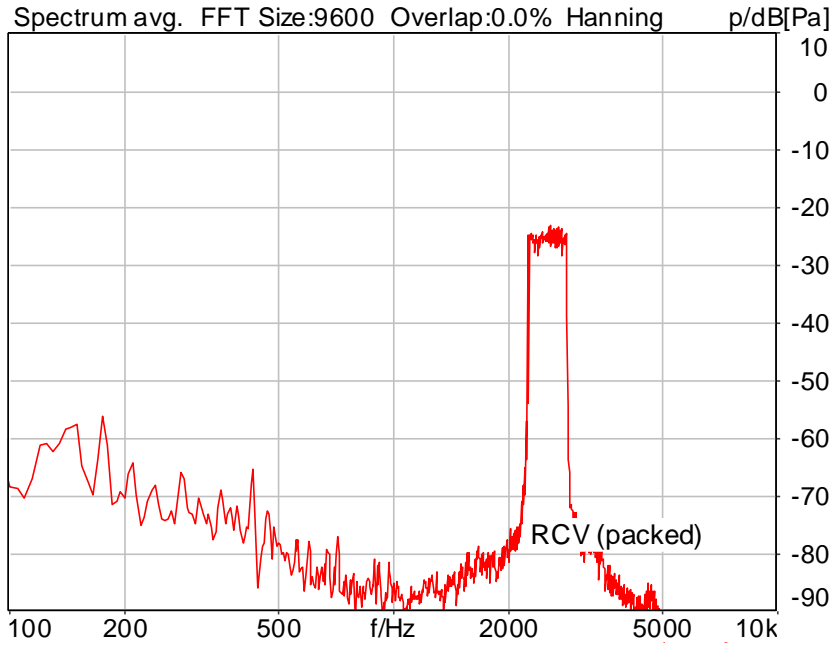
**Limits**

	<b>lower</b>
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): 45.16 dB (0.55%) Ok

Ok

2023/10/31 上午 11:38 ACQUA 5.1.200

Limits

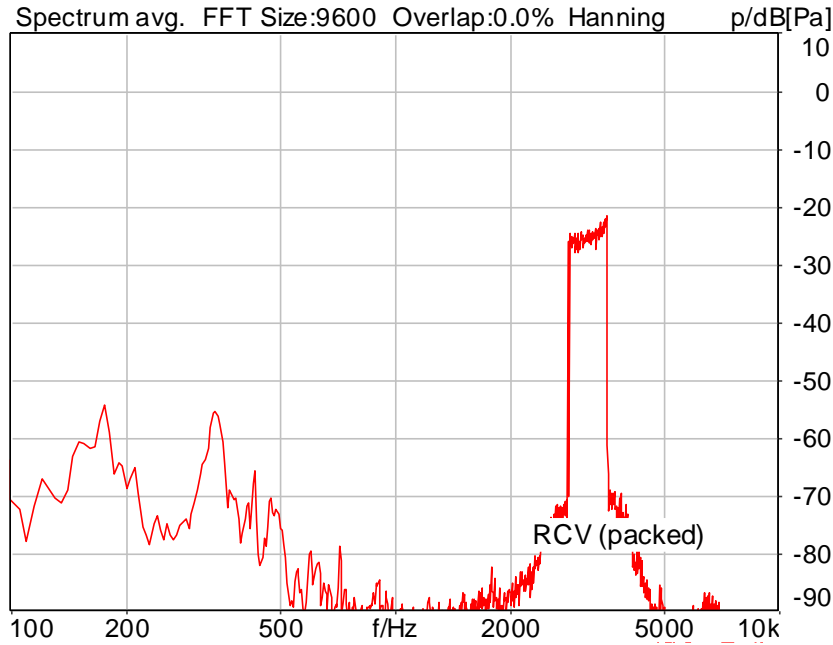
	lower
Run 1	20.00 dB





### 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): 44.14 dB (0.62%) Ok

Ok

2023/10/31 上午 11:39 ACQUA 5.1.200

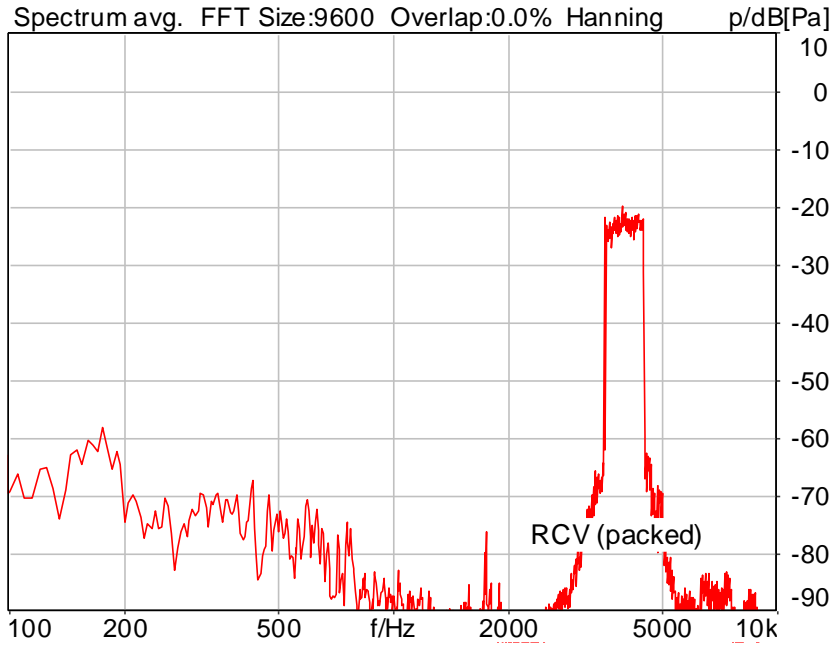
Limits

	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): 44.37 dB (0.60%) Ok

Ok

2023/10/31 上午 11:39 ACQUA 5.1.200

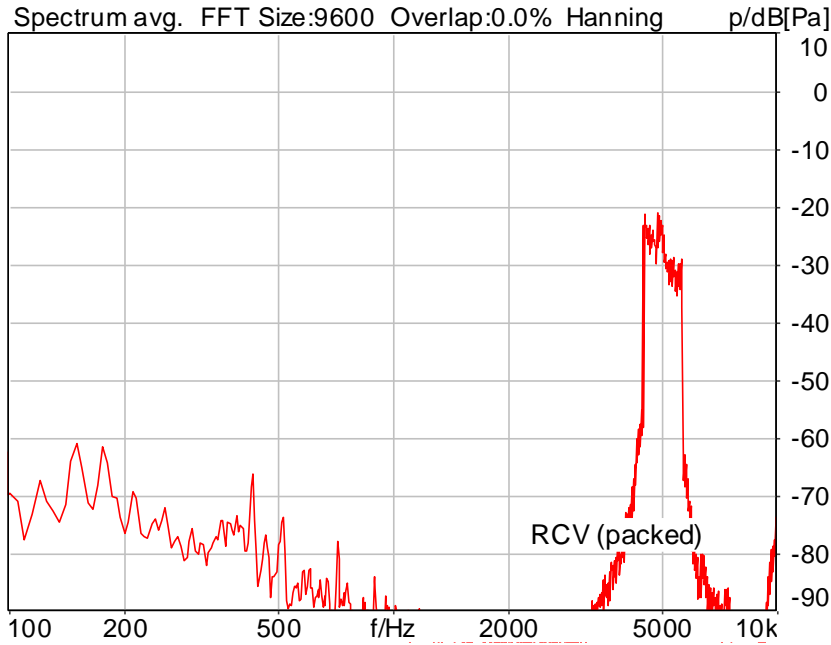
Limits

	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): 39.03 dB (1.12%) Ok

Ok

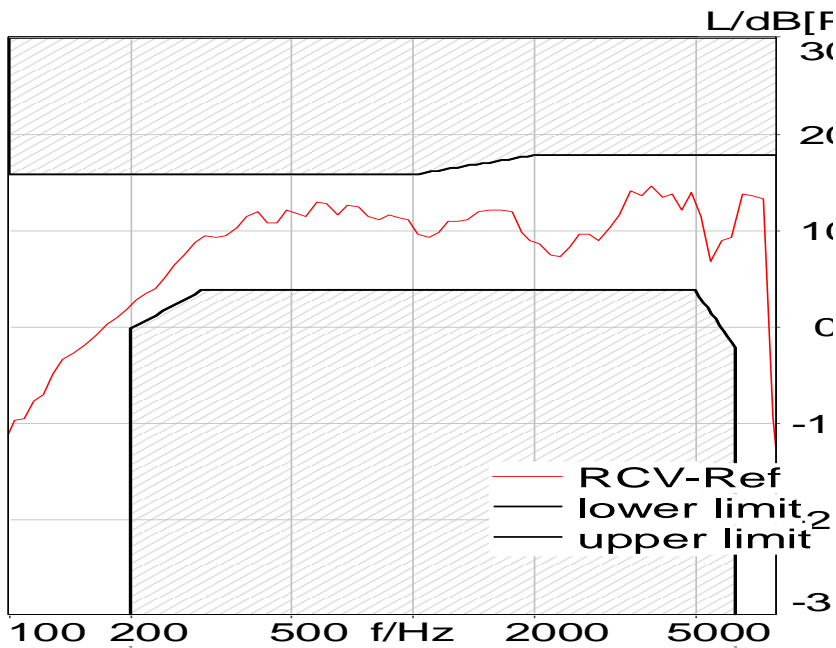
2023/10/31 上午 11:40 ACQUA 5.1.200

Limits

	lower
Run 1	20.00 dB

### 5.3 Frequency Response 2N FF

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



Absolute minimal distance  
2.78 dB at 576.7 Hz Ok

Ok

2023/10/31 上午 11:41 ACQUA 5.1.200

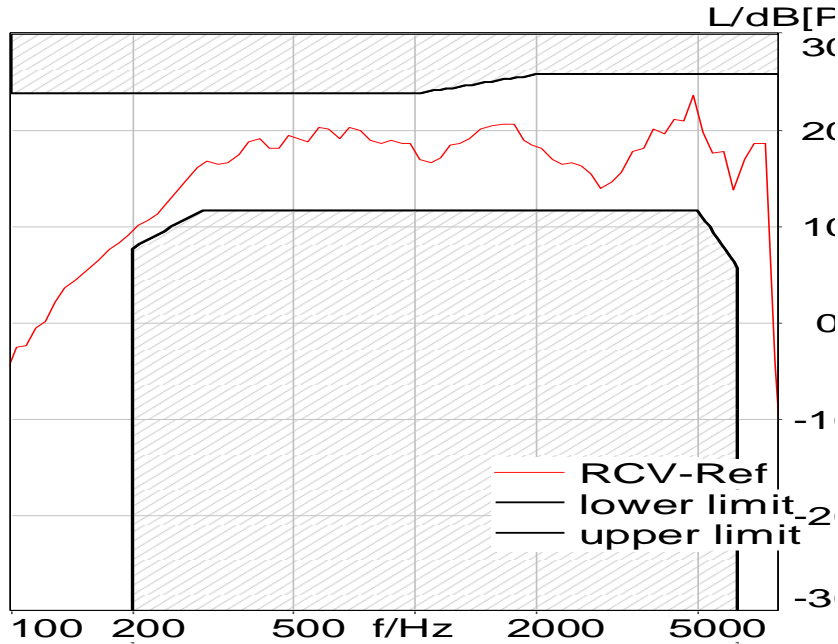
**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



### 5.3 Frequency Response 8N FF

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



Absolute minimal distance  
2.10 dB at 4870.0 Hz Ok

Ok

2023/10/31 上午 11:46 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



#7 NR n2 EVS WB 24.4Kbps

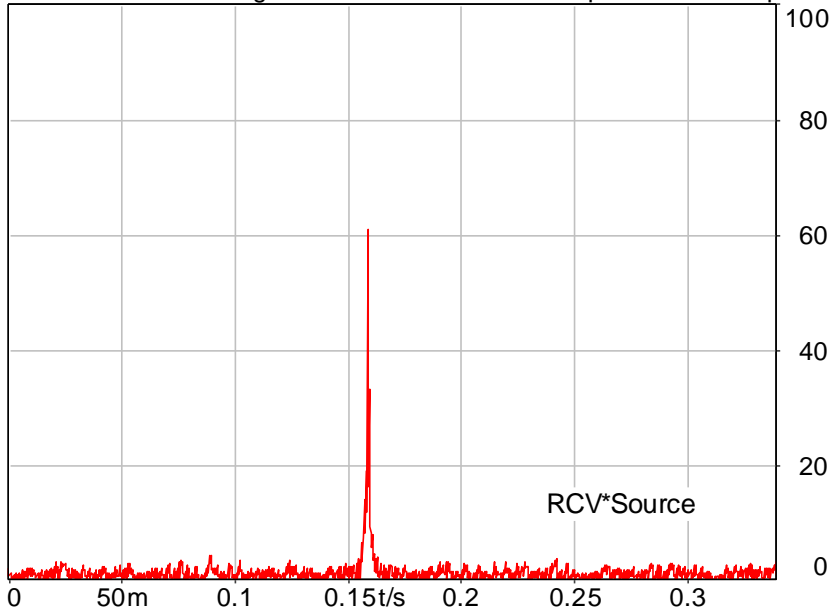
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	158.7
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	89.95
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	88.07
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.40
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.86
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.70
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.68
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.49
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.18
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.64
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.32
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.79
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	42.07
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.22
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.61
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.72
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	40.54
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.23
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.97
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.94
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.66
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.30
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.13
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.57
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.47
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.17
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.18
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.99
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.06
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.75
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	39.30
5.3 Frequency Response 8N FF	Ok	Min. dist. to tolerance scheme [dB], 731.5 Hz	2.96
5.3 Frequency Response 2N FF	Ok	Min. dist. to tolerance scheme [dB], 4369.4 Hz	2.49



### Overall Receive Delay WB

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

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



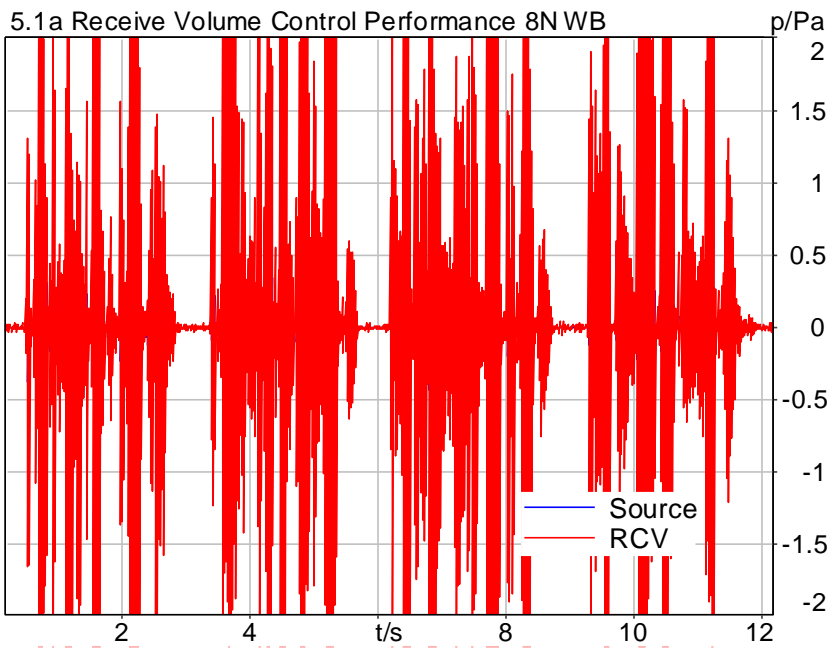
Delay (Cross): 158.7 ms

2023/10/21 上午 12:07 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 89.95 dB[SPL], Act.: 59.30% Ok

Ok

2023/10/21 上午 12:07 ACQUA 5.1.200

**Limits**

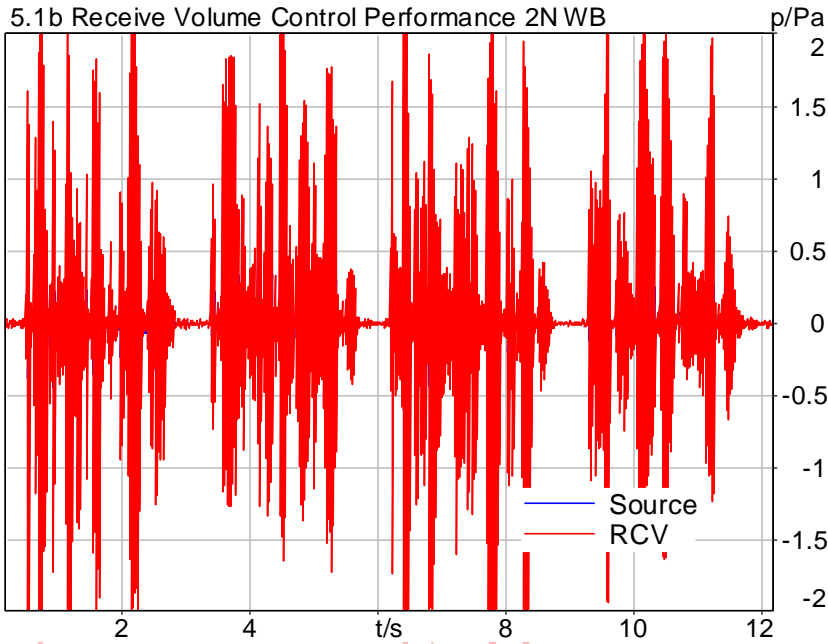
	lower
Run 1	88.00 dB20uPa





### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 88.07 dB[SPL], Act.: 32.36% Ok

Ok

2023/10/21 上午 12:08 ACQUA 5.1.200

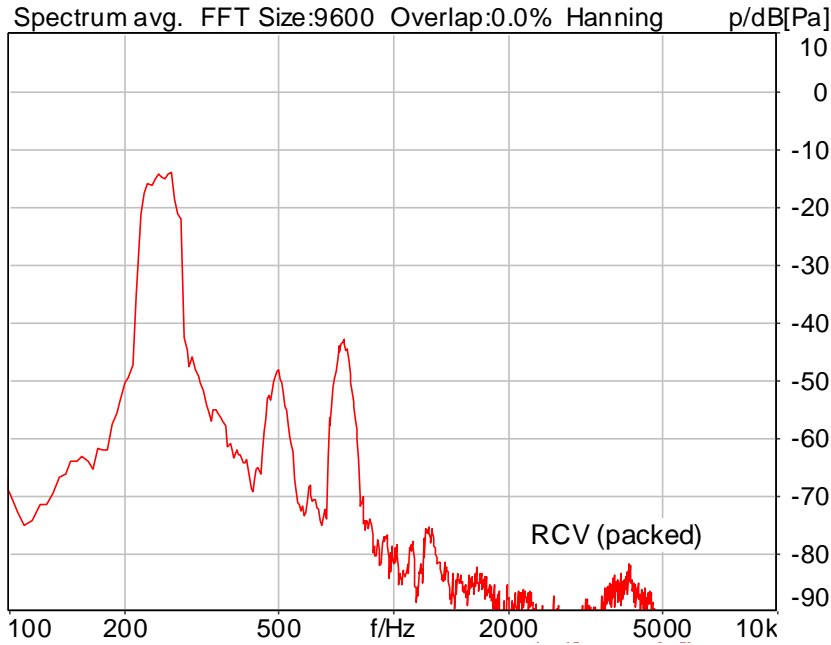
Limits

	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): 28.40 dB (3.80%) Ok

Ok

2023/10/21 上午 12:09 ACQUA 5.1.200

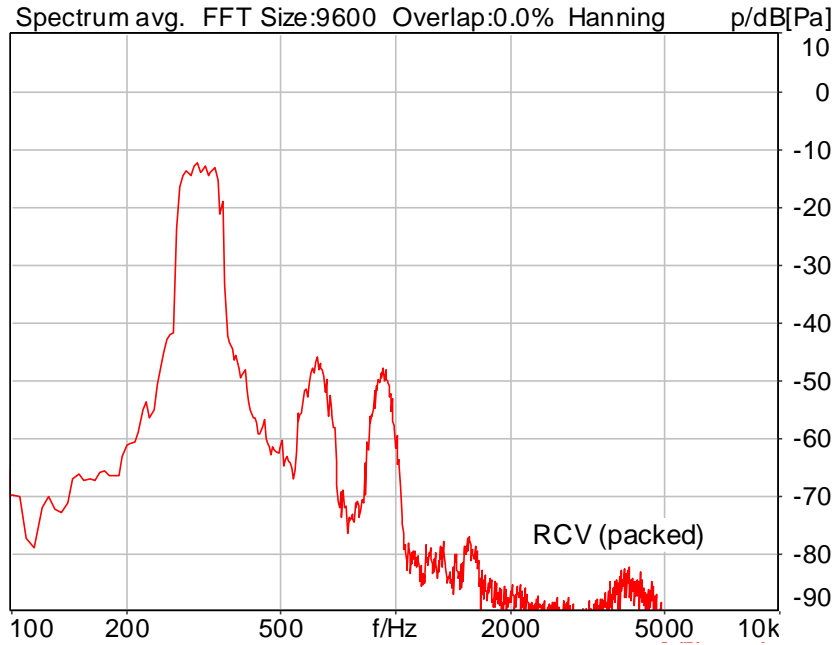
Limits

	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): 31.86 dB (2.55%) Ok

Ok

2023/10/21 上午 12:09 ACQUA 5.1.200

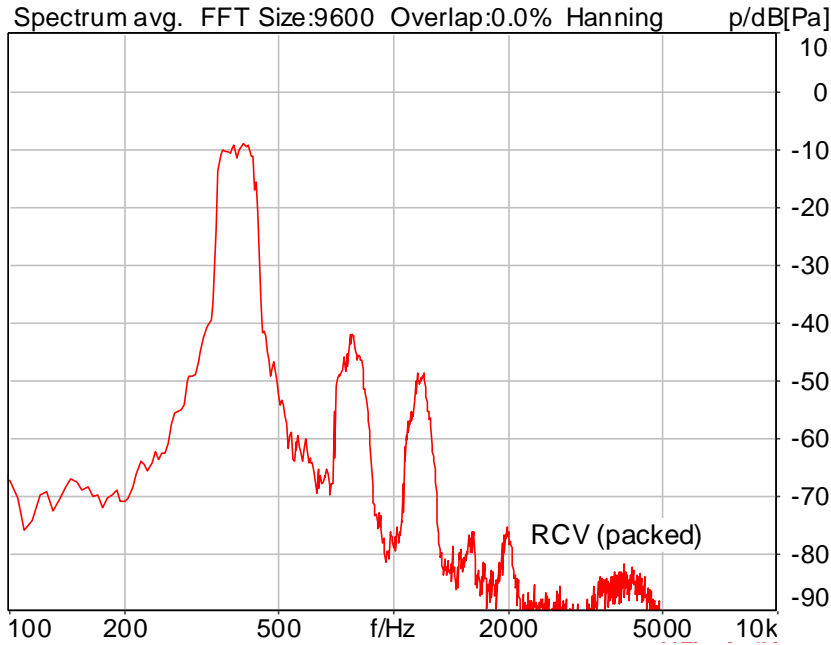
Limits

	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): 32.70 dB (2.32%) Ok

Ok

2023/10/21 上午 12:10 ACQUA 5.1.200

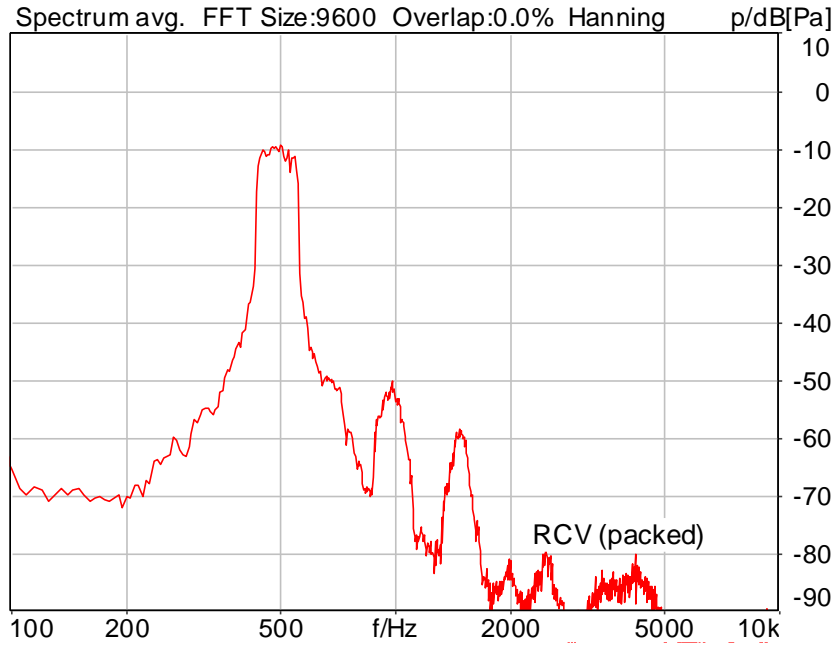
Limits

	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): 35.68 dB (1.64%) Ok

Ok

2023/10/21 上午 12:10 ACQUA 5.1.200

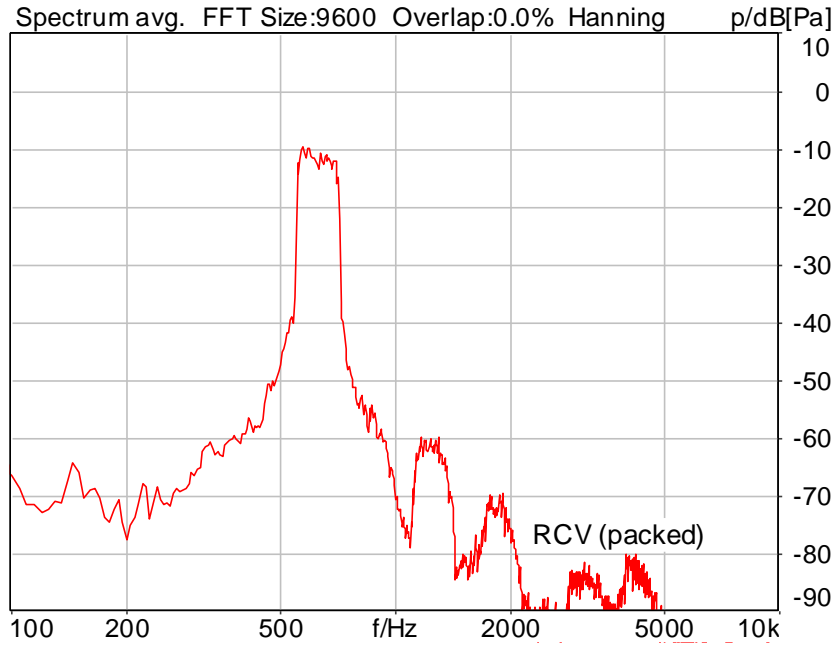
Limits

	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): 38.49 dB (1.19%) Ok

Ok

2023/10/21 上午 12:11 ACQUA 5.1.200

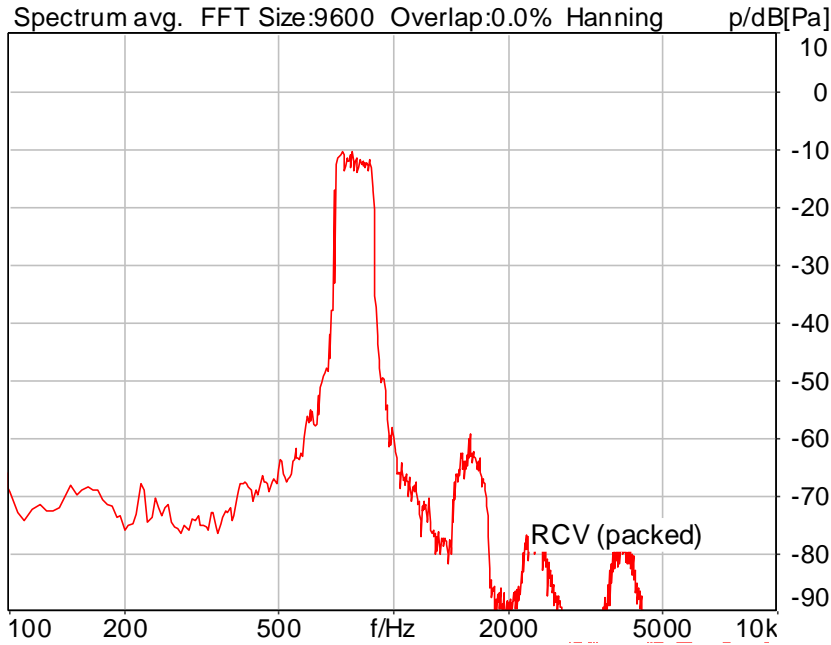
Limits

	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): 41.18 dB (0.87%) Ok

Ok

2023/10/21 上午 12:11 ACQUA 5.1.200

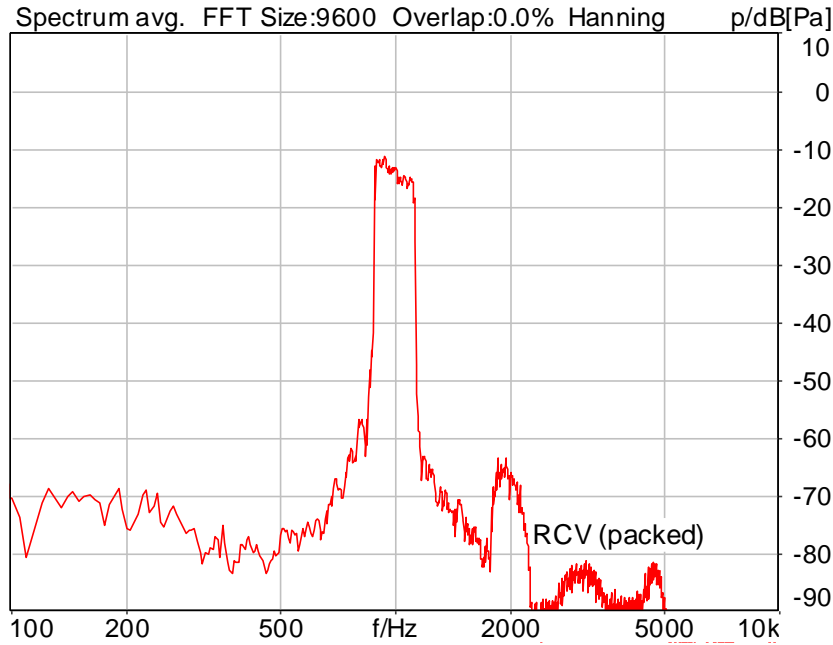
Limits

	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): 45.64 dB (0.52%) Ok

Ok

2023/10/21 上午 12:12 ACQUA 5.1.200

Limits

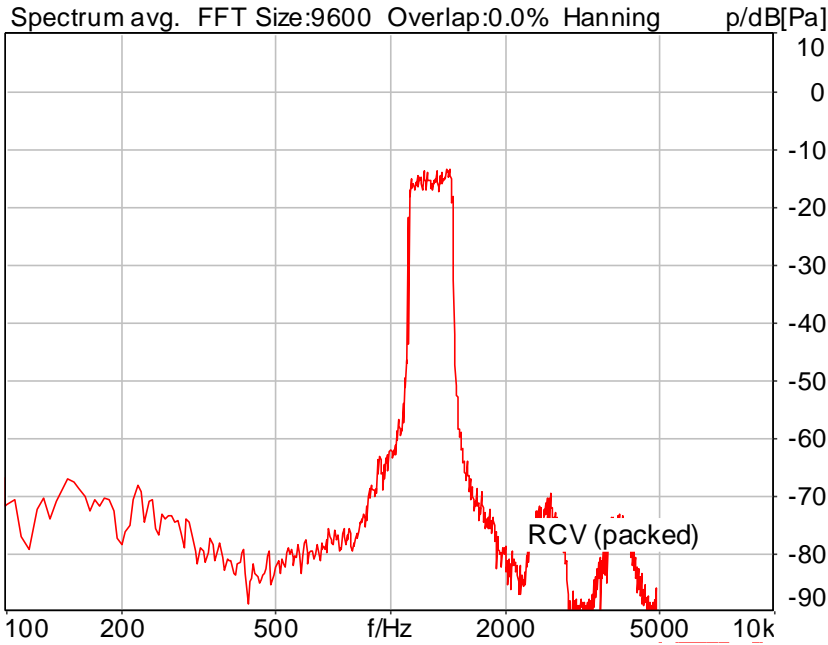
	lower
Run 1	20.00 dB





### 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): 33.32 dB (2.16%) Ok

Ok

2023/10/21 上午 12:12 ACQUA 5.1.200

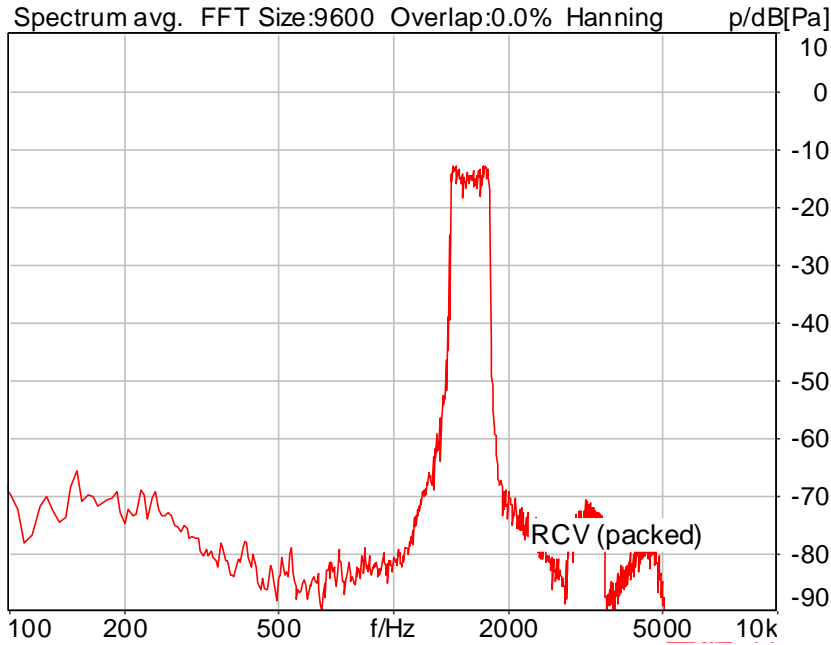
Limits

	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



Ok

2023/10/21 上午 12:13 ACQUA 5.1.200

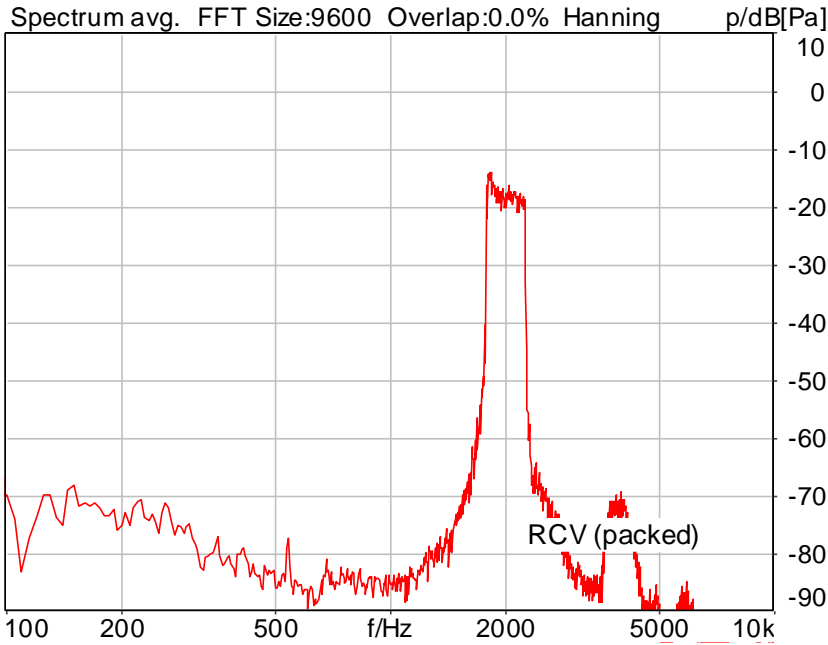
Limits

	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): 42.07 dB (0.79%) Ok

Ok

2023/10/21 上午 12:13 ACQUA 5.1.200

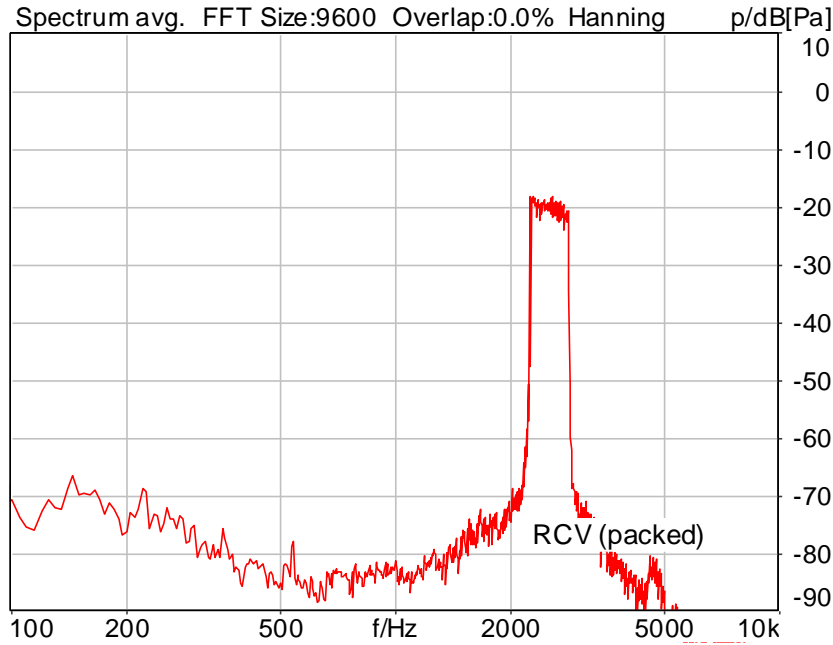
Limits

	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): 46.22 dB (0.49%) Ok

**Ok**

2023/10/21 上午 12:14 ACQUA 5.1.200

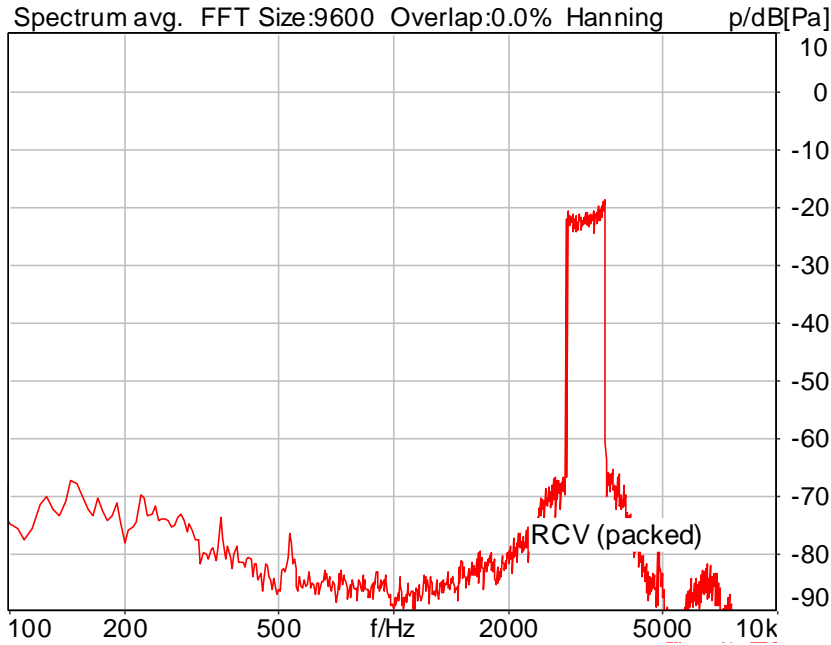
**Limits**

	<b>lower</b>
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): 44.61 dB (0.59%) Ok

**Ok**

2023/10/21 上午 12:14 ACQUA 5.1.200

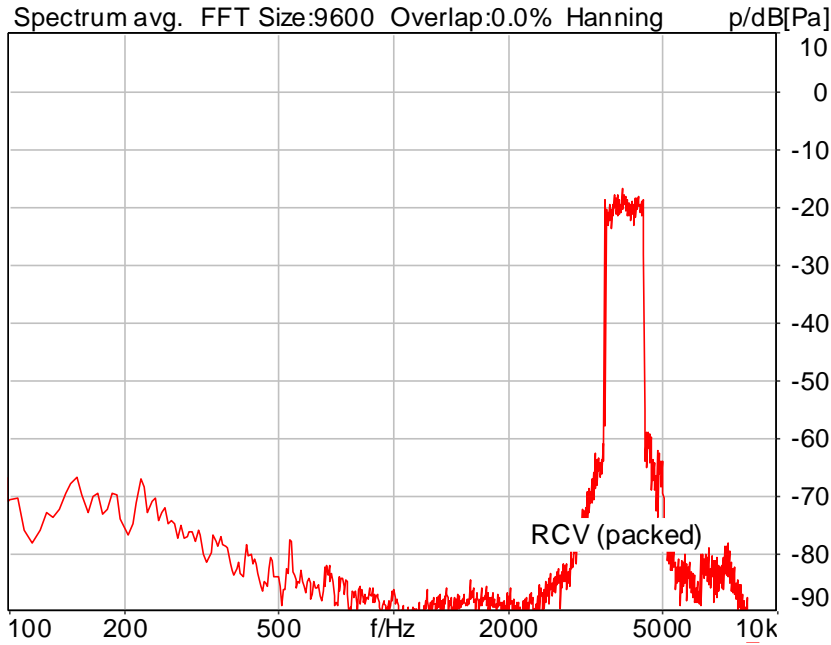
**Limits**

	<b>lower</b>
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): 43.72 dB (0.65%) Ok

**Ok**

2023/10/21 上午 12:15 ACQUA 5.1.200

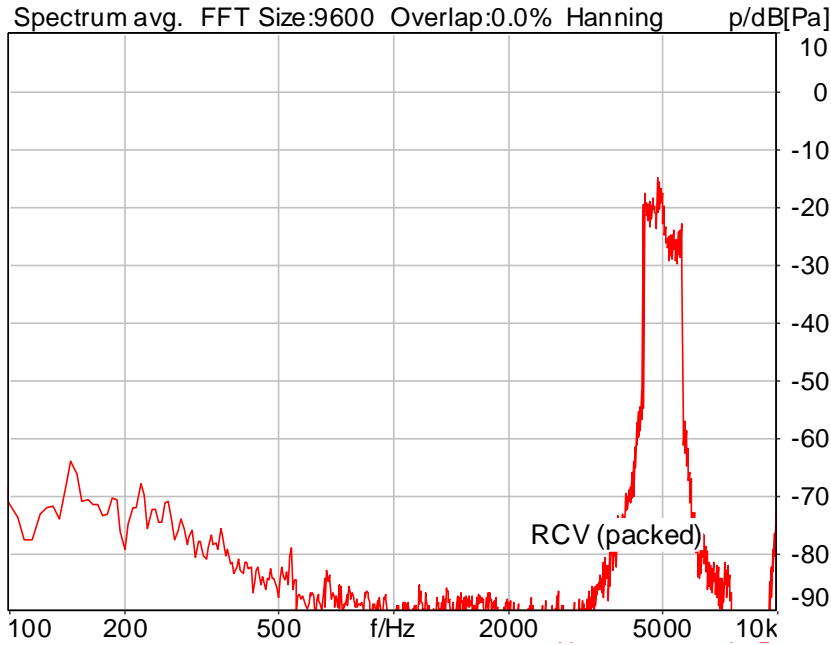
**Limits**

	<b>lower</b>
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): 40.54 dB (0.94%) Ok

Ok

2023/10/21 上午 12:15 ACQUA 5.1.200

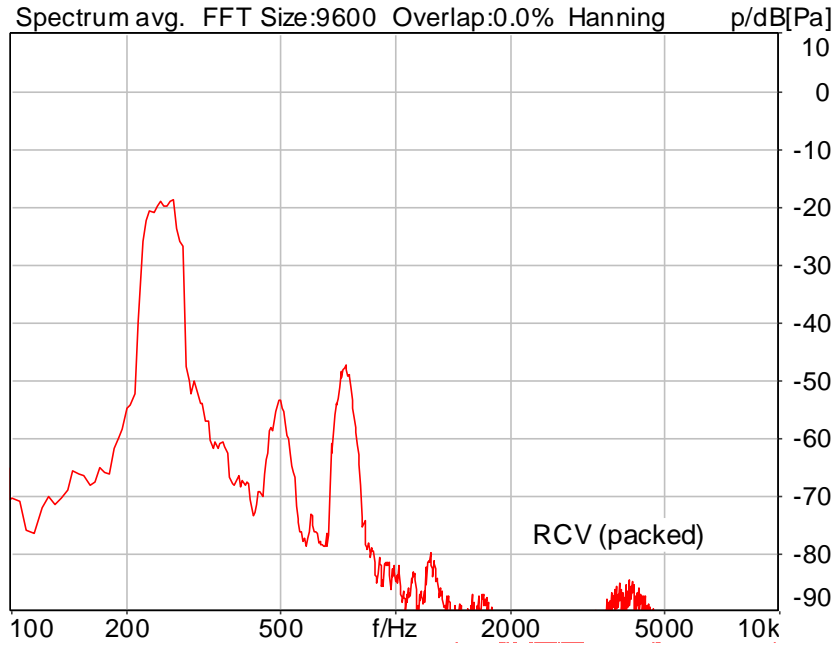
Limits

	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): 28.23 dB (3.88%) Ok

Ok

2023/10/21 上午 12:16 ACQUA 5.1.200

Limits

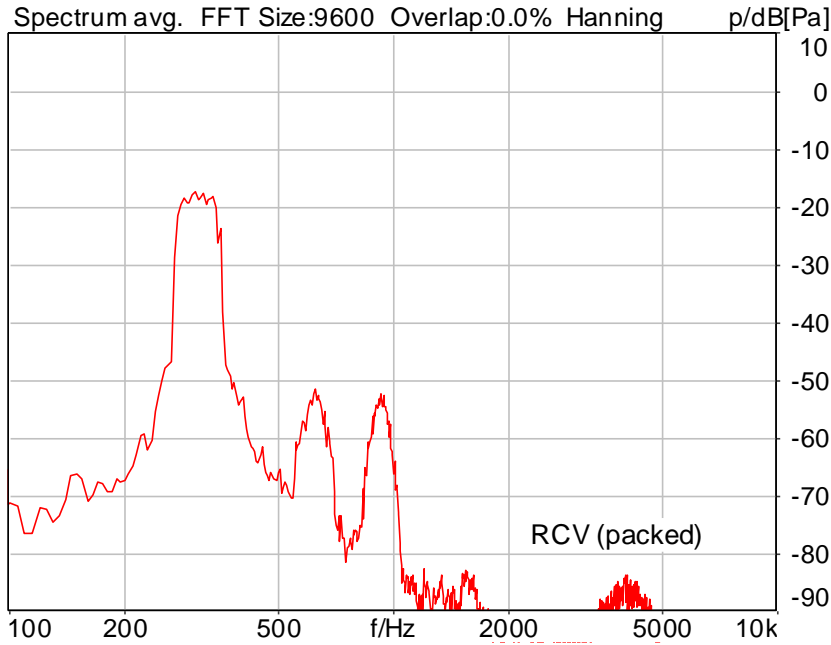
	lower
Run 1	20.00 dB





### 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): 31.97 dB (2.52%) Ok

Ok

2023/10/21 上午 12:16 ACQUA 5.1.200

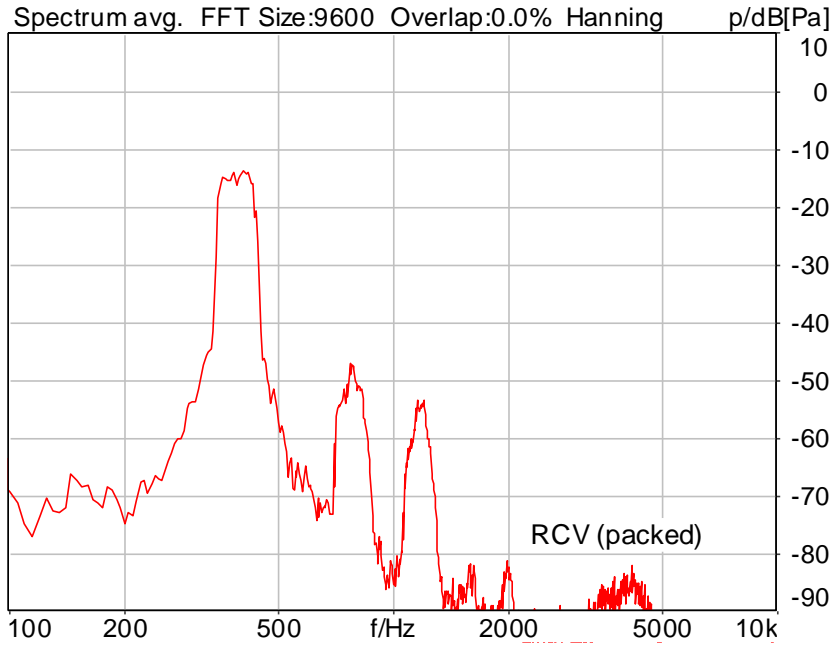
Limits

	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): 32.94 dB (2.25%) Ok

Ok

2023/10/21 上午 12:17 ACQUA 5.1.200

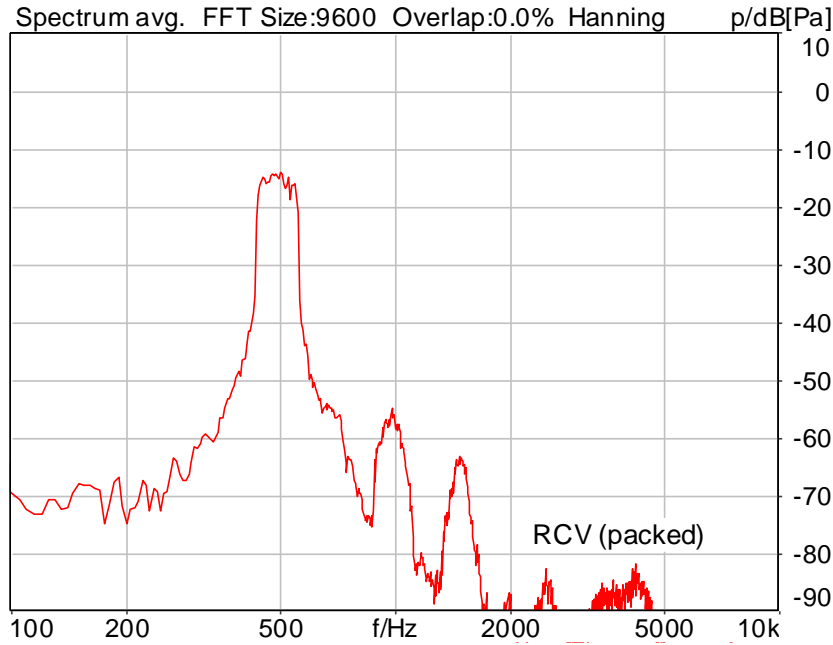
Limits

	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): 35.66 dB (1.65%) Ok

Ok

2023/10/21 上午 12:17 ACQUA 5.1.200

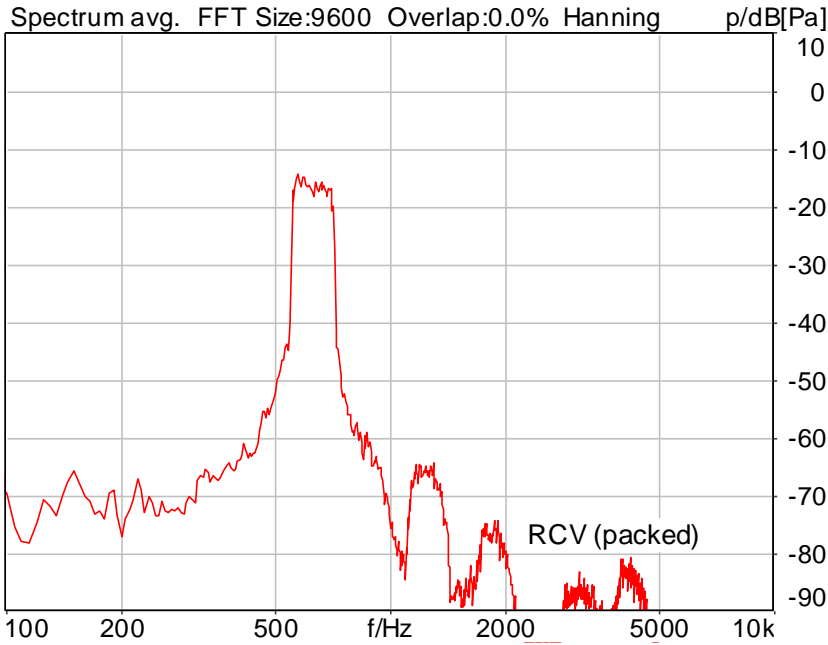
Limits

	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): 38.30 dB (1.22%) Ok

Ok

2023/10/21 上午 12:18 ACQUA 5.1.200

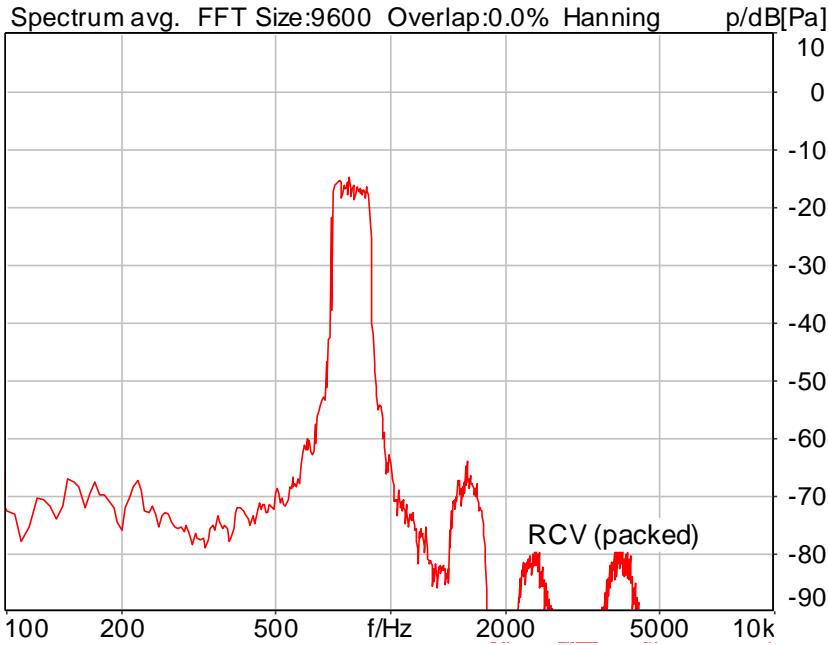
Limits

	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): 41.13 dB (0.88%) Ok

Ok

2023/10/21 上午 12:18 ACQUA 5.1.200

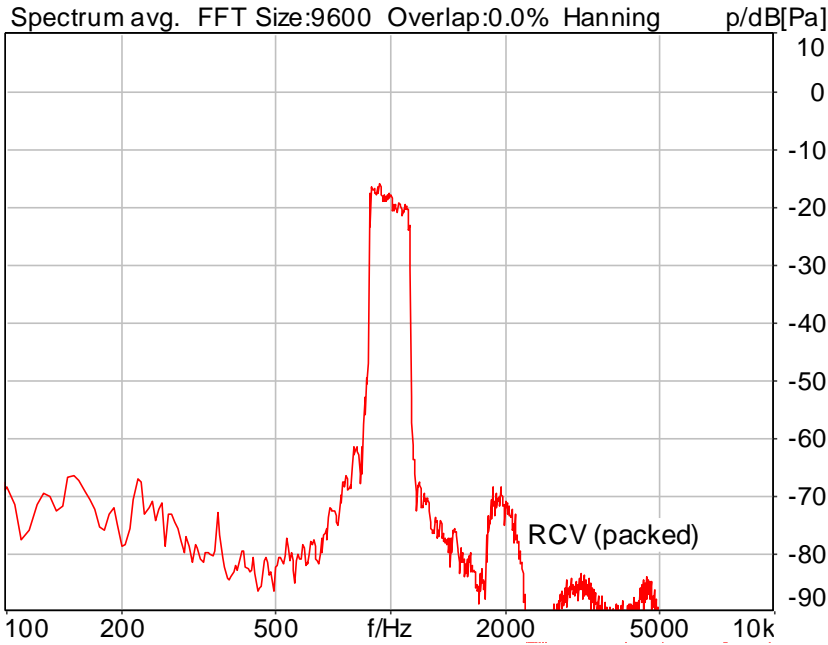
Limits

	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): 45.57 dB (0.53%) Ok

Ok

2023/10/21 上午 12:19 ACQUA 5.1.200

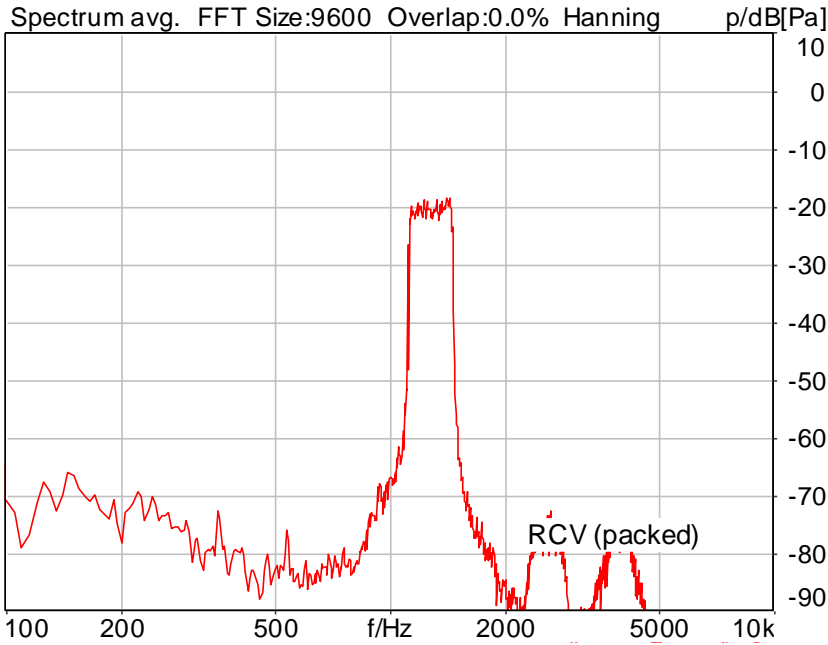
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 1250 Hz WB

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



Distortion (Noise) RCV (packed): 33.47 dB (2.12%) Ok

Ok

2023/10/21 上午 12:19 ACQUA 5.1.200

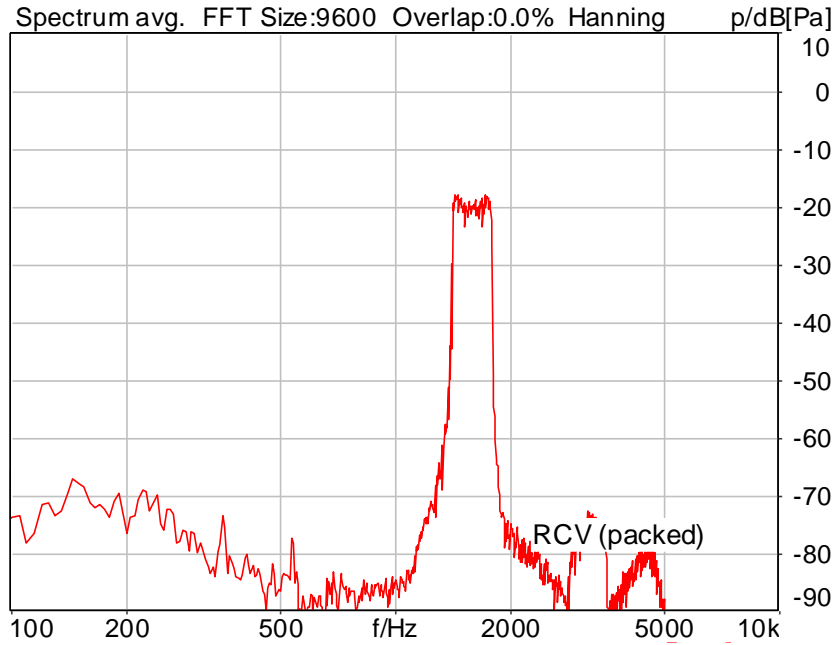
Limits

	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



Ok

2023/10/21 上午 12:20 ACQUA 5.1.200

Limits

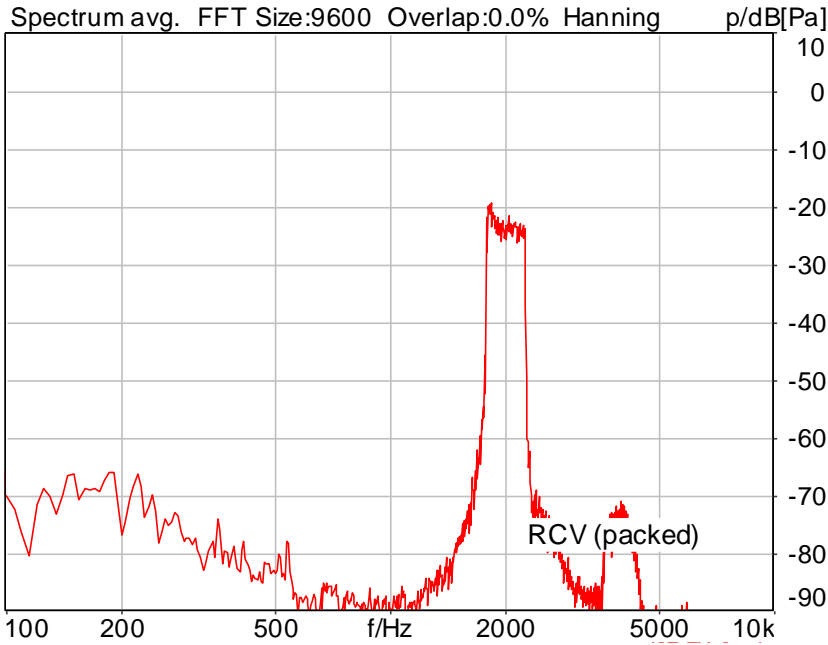
	lower
Run 1	20.00 dB





### 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): 41.18 dB (0.87%) Ok

Ok

2023/10/21 上午 12:20 ACQUA 5.1.200

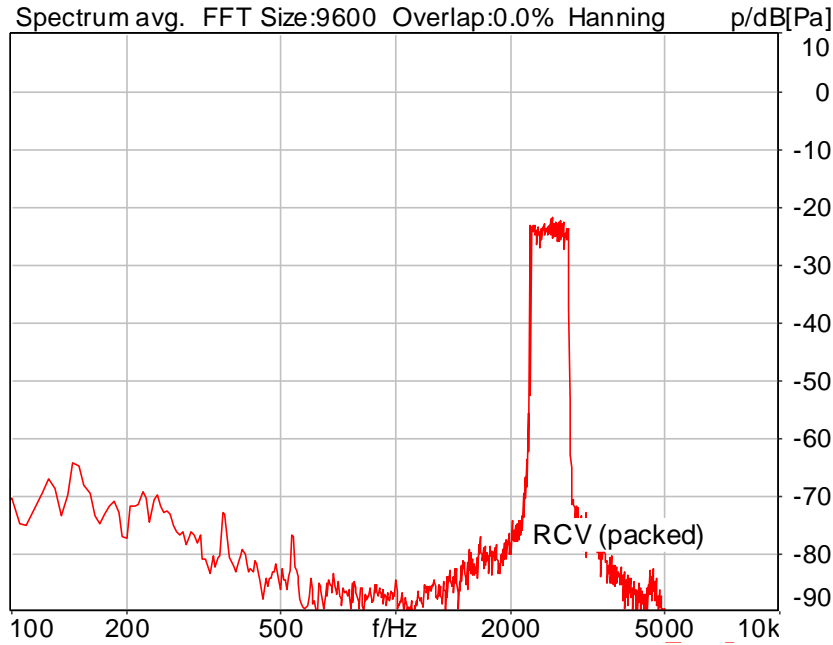
Limits

	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): 45.99 dB (0.50%) Ok

Ok

2023/10/21 上午 12:21 ACQUA 5.1.200

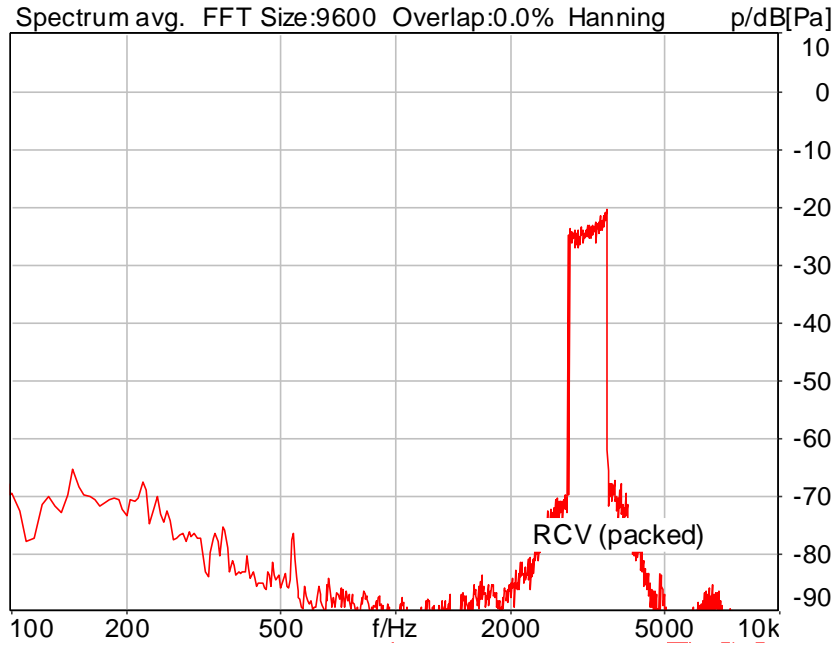
Limits

	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): 45.06 dB (0.56%) Ok

**Ok**

2023/10/21 上午 12:21 ACQUA 5.1.200

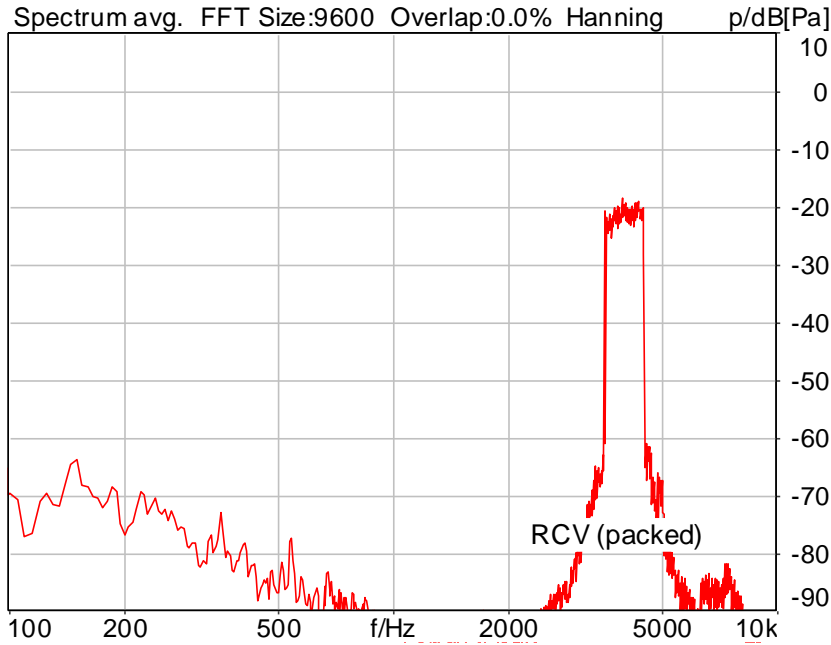
**Limits**

	<b>lower</b>
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): 44.75 dB (0.58%) Ok

Ok

2023/10/21 上午 12:22 ACQUA 5.1.200

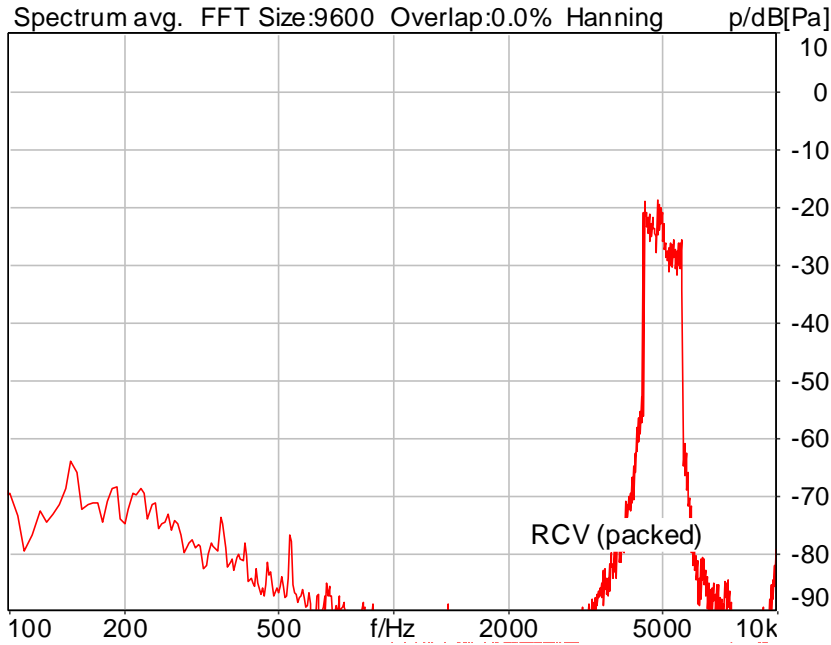
Limits

	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): 39.30 dB (1.08%) Ok

Ok

2023/10/21 上午 12:22 ACQUA 5.1.200

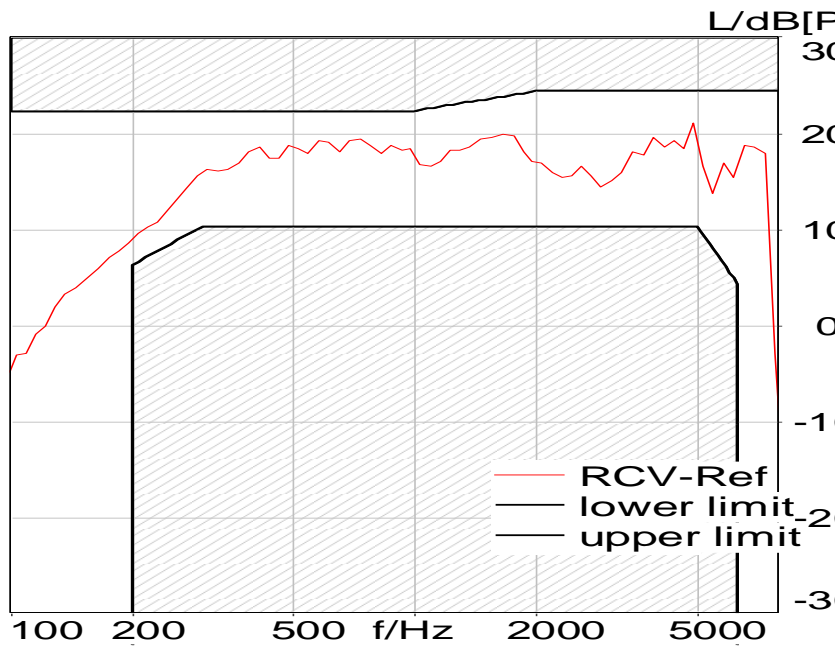
Limits

	lower
Run 1	20.00 dB



### 5.3 Frequency Response 8N FF

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



Absolute minimal distance  
2.96 dB at 731.5 Hz Ok

Ok

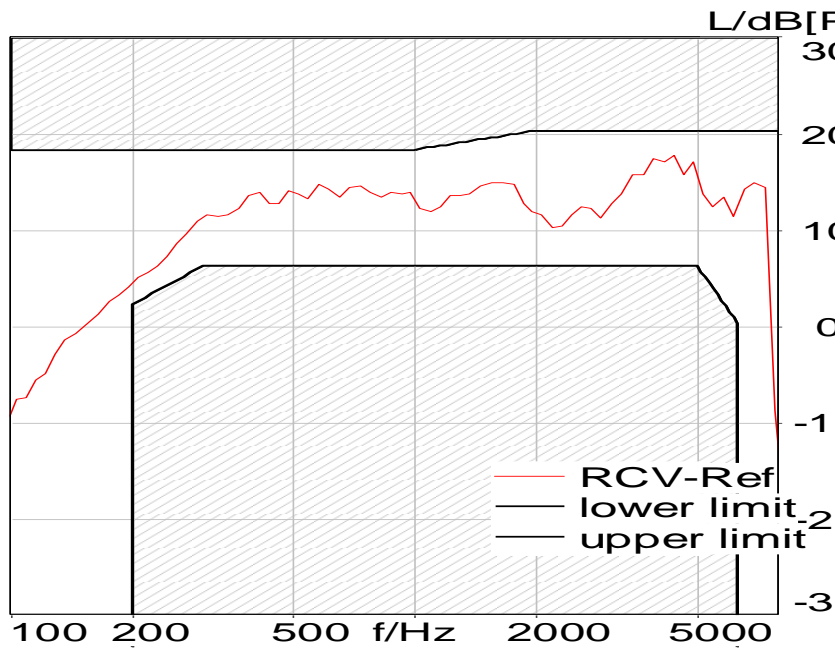
2023/10/21 上午 12:23 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance

### 5.3 Frequency Response 2N FF

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



Absolute minimal distance  
2.49 dB at 4369.4 Hz Ok

Ok

2023/10/21 上午 12:24 ACQUA 5.1.200

**Limits**

	lower
Run 1	Fit into tolerance



#8 NR n5 EVS WB 24.4Kbps

SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	150.1
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	90.10
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.36
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.41
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.85
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.68
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.69
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.47
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.48
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.69
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.82
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.75
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	42.59
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.27
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.62
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.85
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	40.45
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.26
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.96
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.91
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.64
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.29
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.14
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.63
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.48
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.40
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.20
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.98
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.11
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.80
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	39.21
5.3 Frequency Response 8N FF	Ok	Min. dist. to tolerance scheme [dB], 576.7 Hz	3.02
5.3 Frequency Response 2N FF	Ok	Min. dist. to tolerance scheme [dB], 4369.4 Hz	2.56

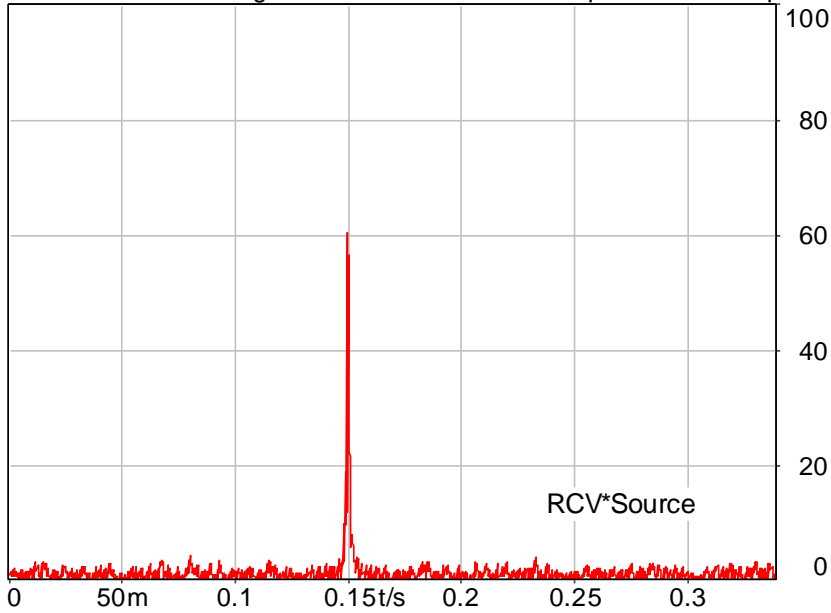




### Overall Receive Delay WB

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

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



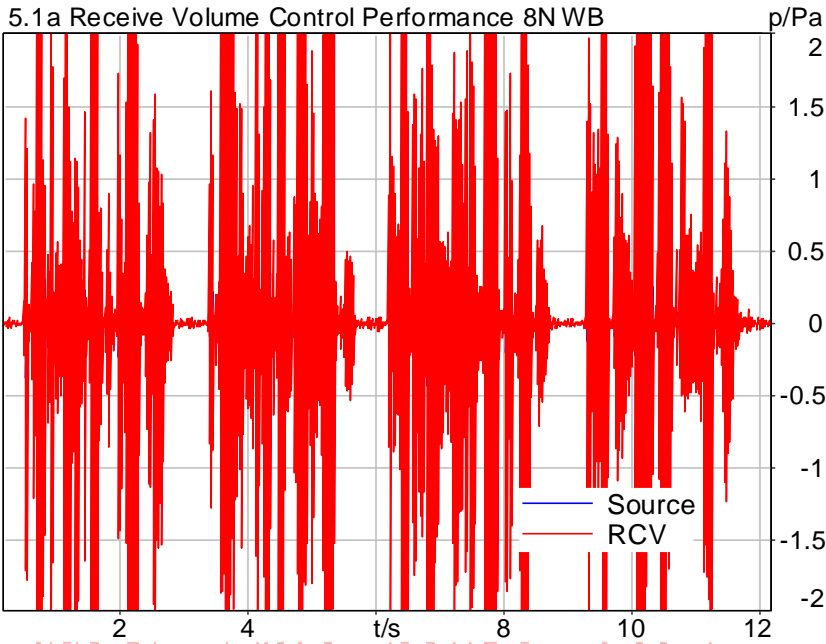
Delay (Cross): 150.1 ms

2023/10/21 上午 12:40 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 90.10 dB[SPL], Act.: 58.57% Ok

Ok

2023/10/21 上午 12:41 ACQUA 5.1.200

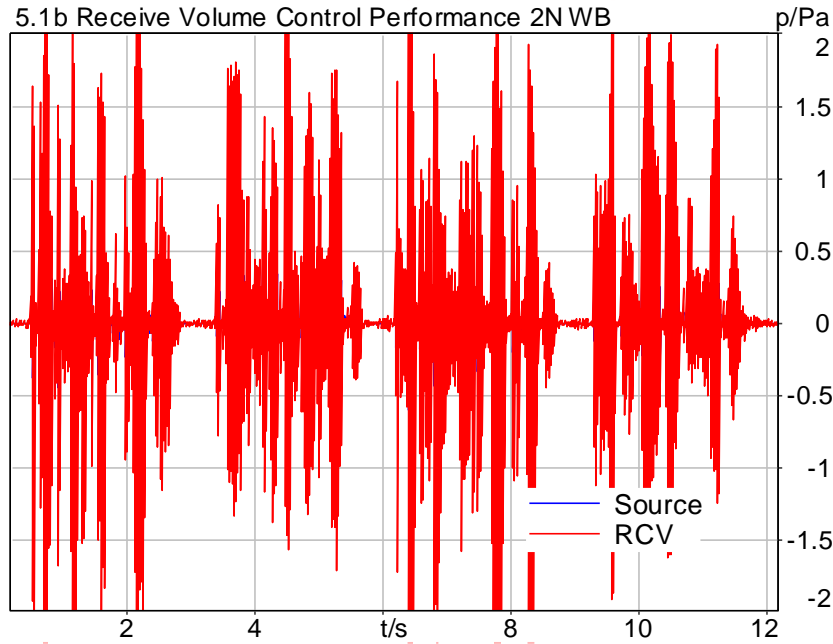
**Limits**

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 87.36 dB[SPL], Act.: 37.28% Ok

Ok

2023/10/21 上午 12:41 ACQUA 5.1.200

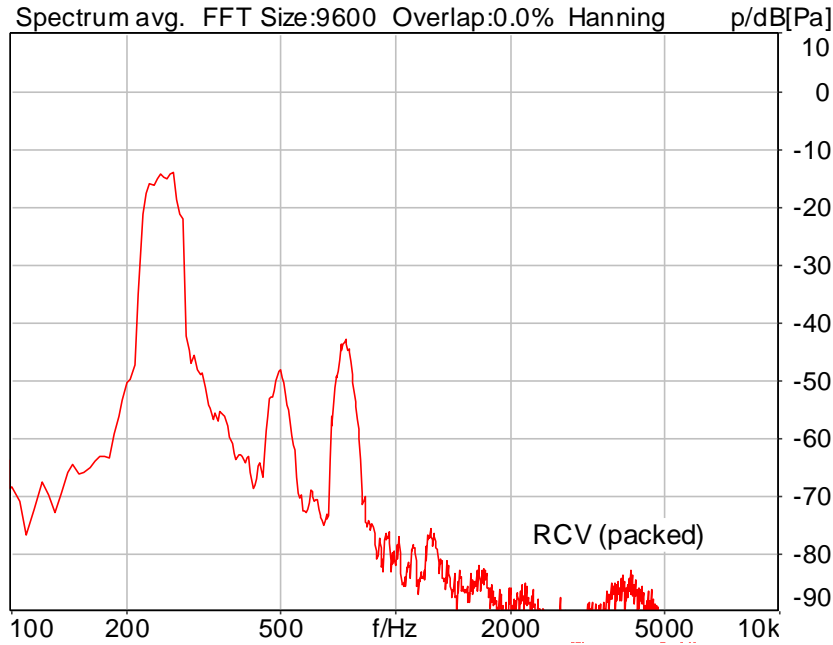
Limits

	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): 28.41 dB (3.80%) Ok

Ok

2023/10/21 上午 12:42 ACQUA 5.1.200

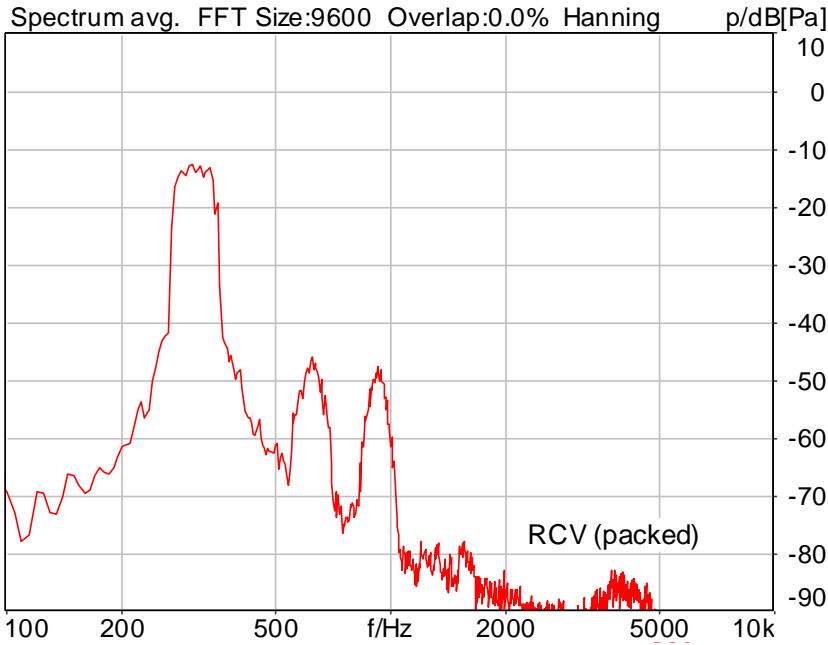
Limits

	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): 31.85 dB (2.55%) Ok

Ok

2023/10/21 上午 12:43 ACQUA 5.1.200

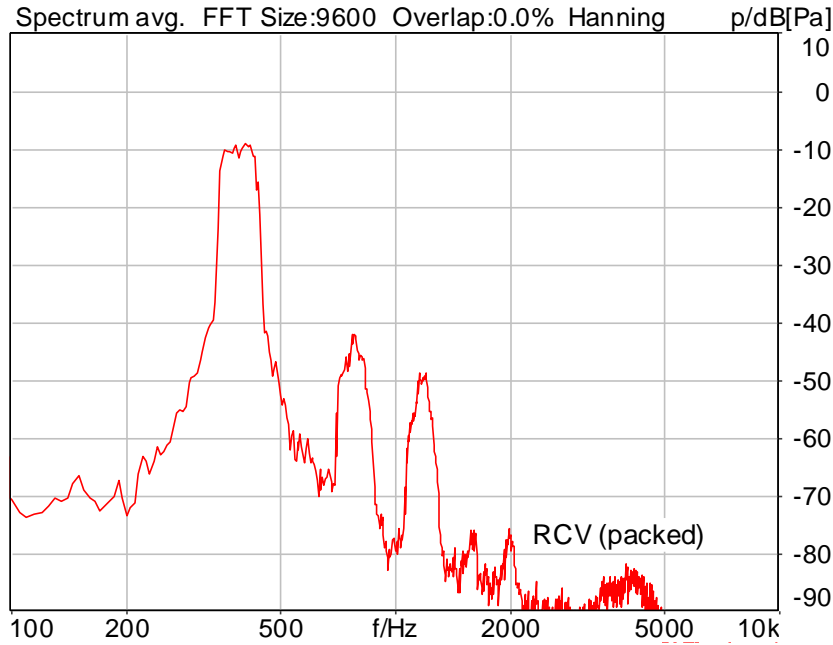
Limits

	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): 32.68 dB (2.32%) Ok

Ok

2023/10/21 上午 12:43 ACQUA 5.1.200

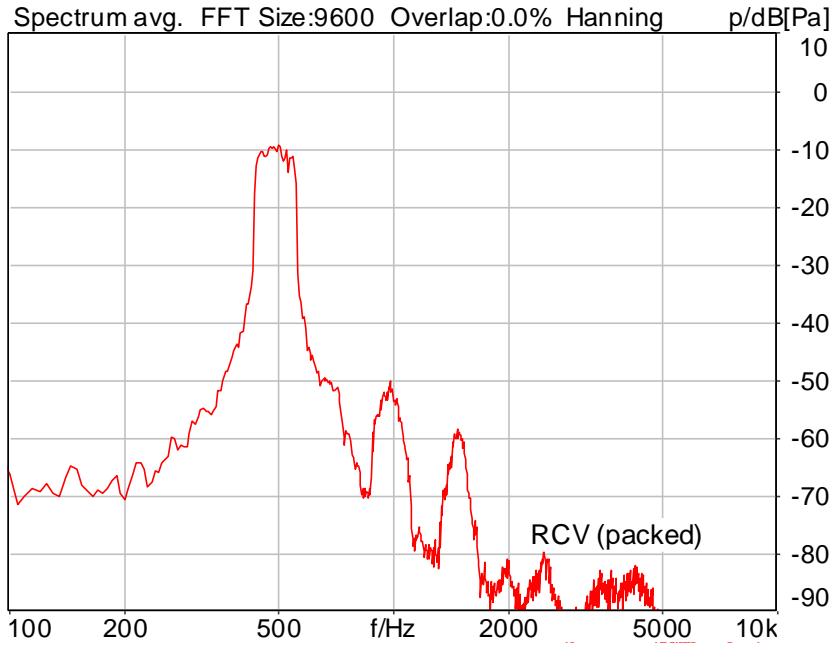
Limits

	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): 35.69 dB (1.64%) Ok

Ok

2023/10/21 上午 12:44 ACQUA 5.1.200

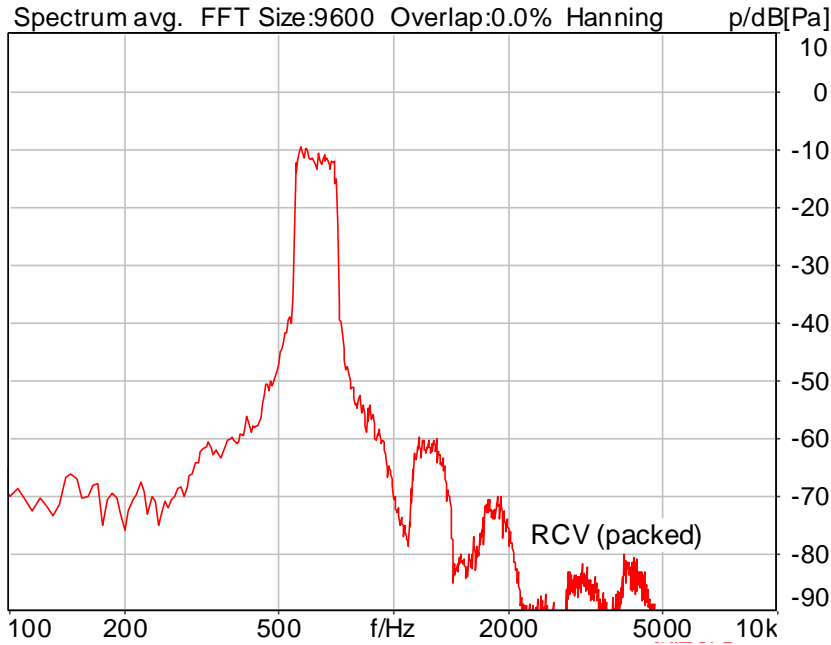
Limits

	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): 38.47 dB (1.19%) Ok

Ok

2023/10/21 上午 12:44 ACQUA 5.1.200

Limits

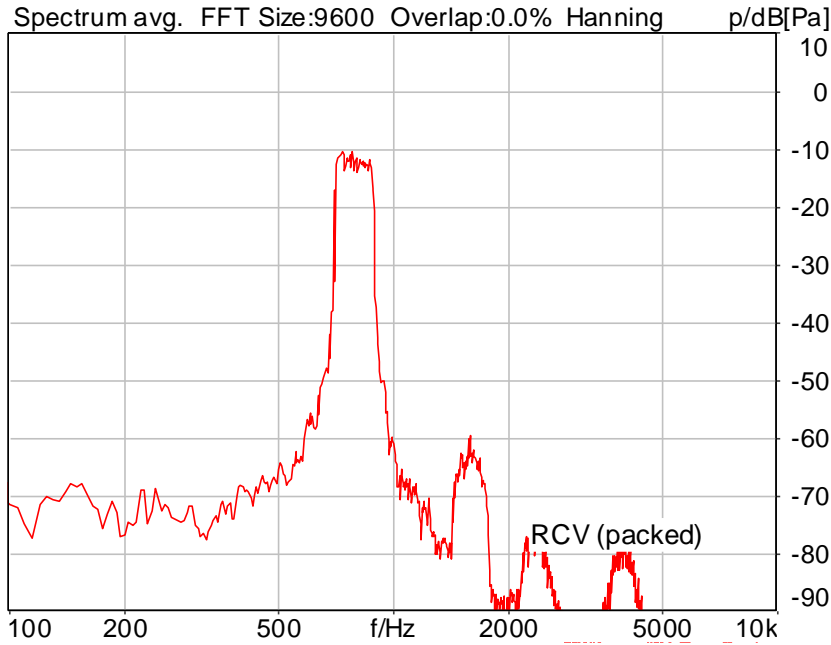
	lower
Run 1	20.00 dB





### 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): 41.48 dB (0.84%) Ok

Ok

2023/10/21 上午 12:45 ACQUA 5.1.200

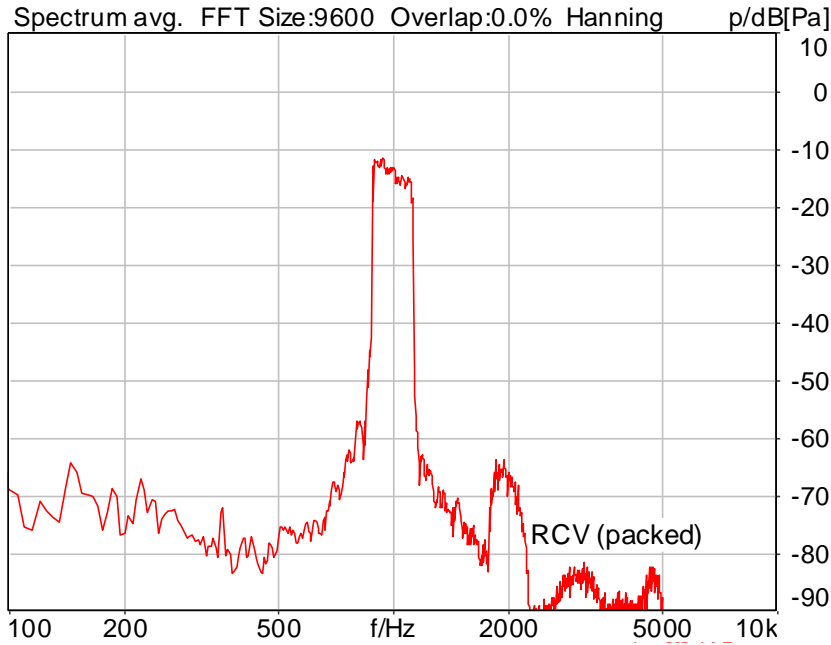
Limits

	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): 45.69 dB (0.52%) Ok

Ok

2023/10/21 上午 12:45 ACQUA 5.1.200

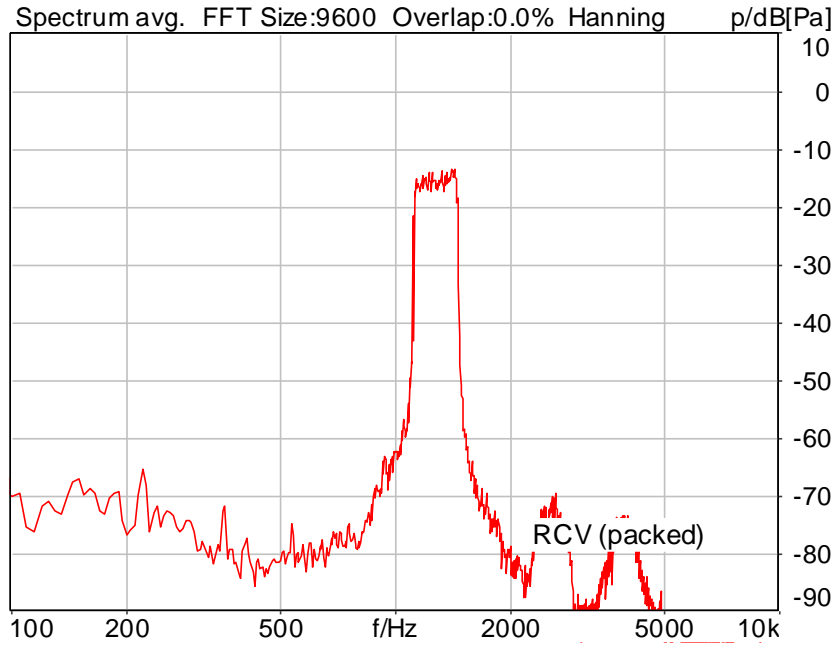
Limits

	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): 33.82 dB (2.04%) Ok

Ok

2023/10/21 上午 12:46 ACQUA 5.1.200

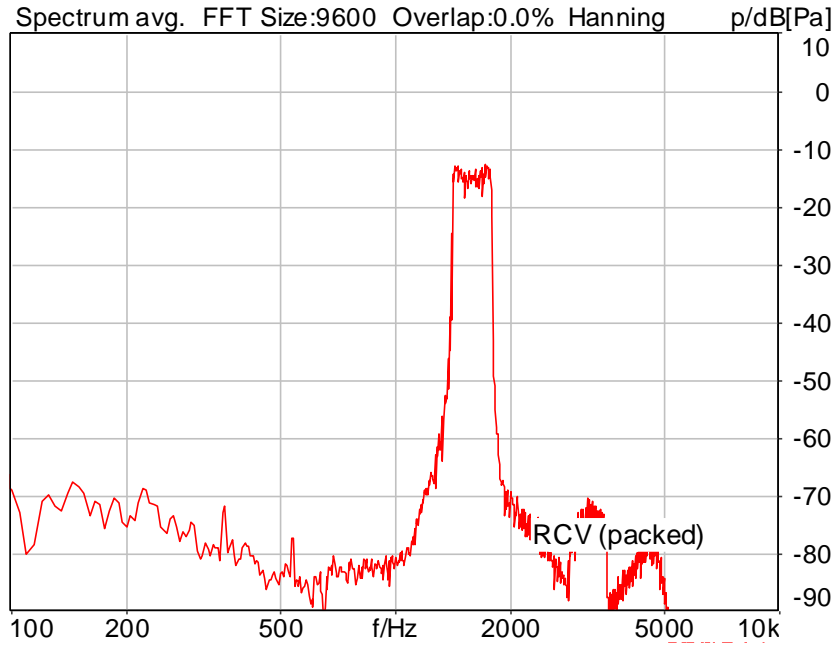
Limits

	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): 44.75 dB (0.58%) Ok

Ok

2023/10/21 上午 12:46 ACQUA 5.1.200

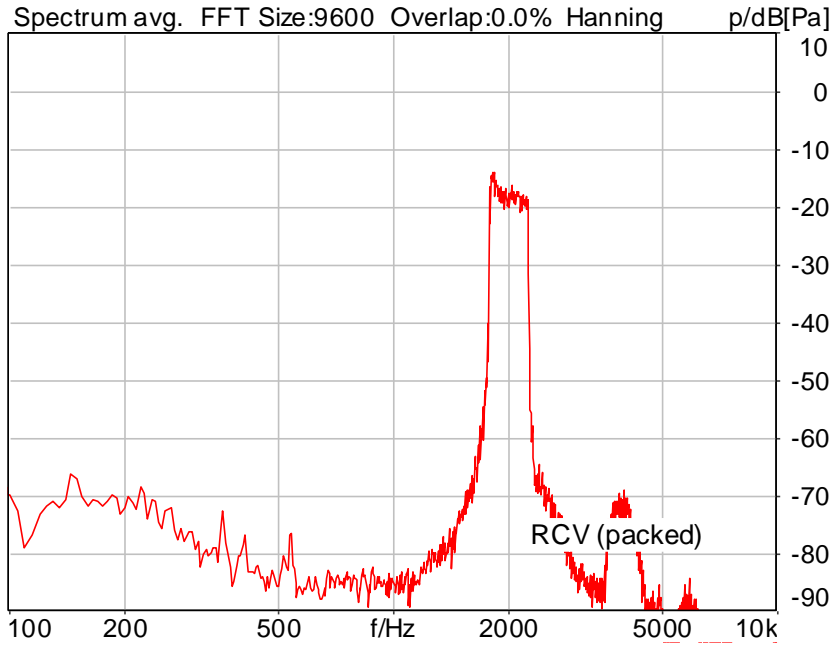
Limits

	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): 42.59 dB (0.74%) Ok

Ok

2023/10/21 上午 12:47 ACQUA 5.1.200

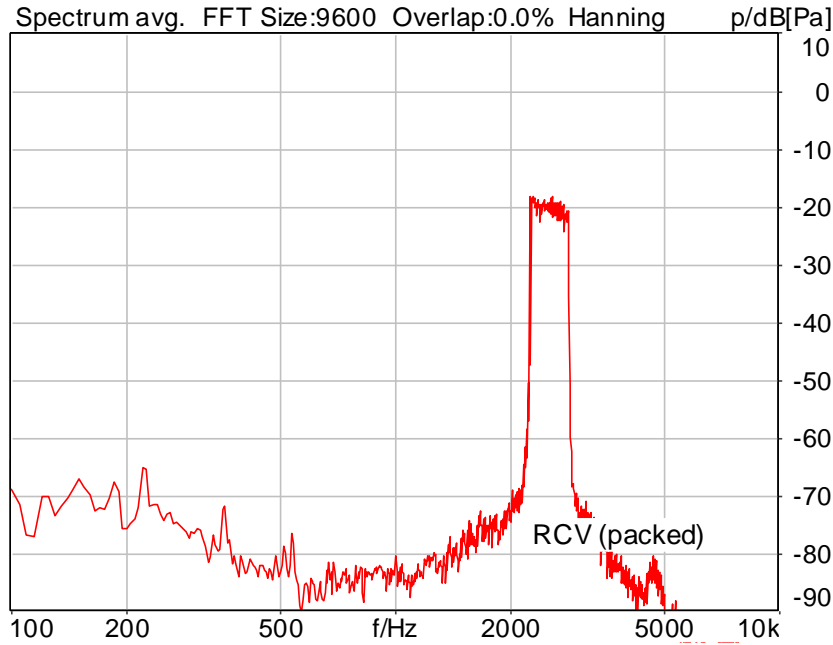
Limits

	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): 46.27 dB (0.49%) Ok

**Ok**

2023/10/21 上午 12:47 ACQUA 5.1.200

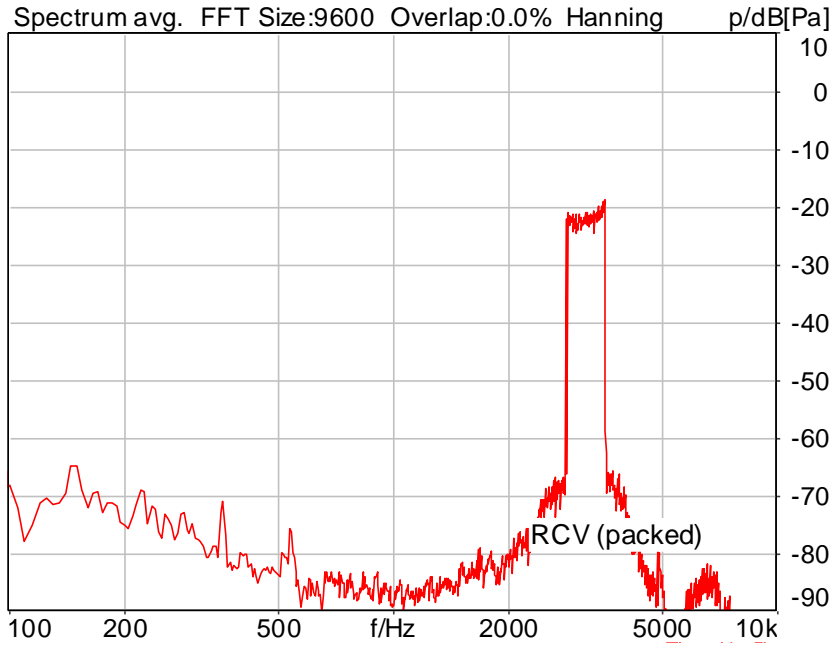
**Limits**

	<b>lower</b>
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): 44.62 dB (0.59%) Ok

**Ok**

2023/10/21 上午 12:48 ACQUA 5.1.200

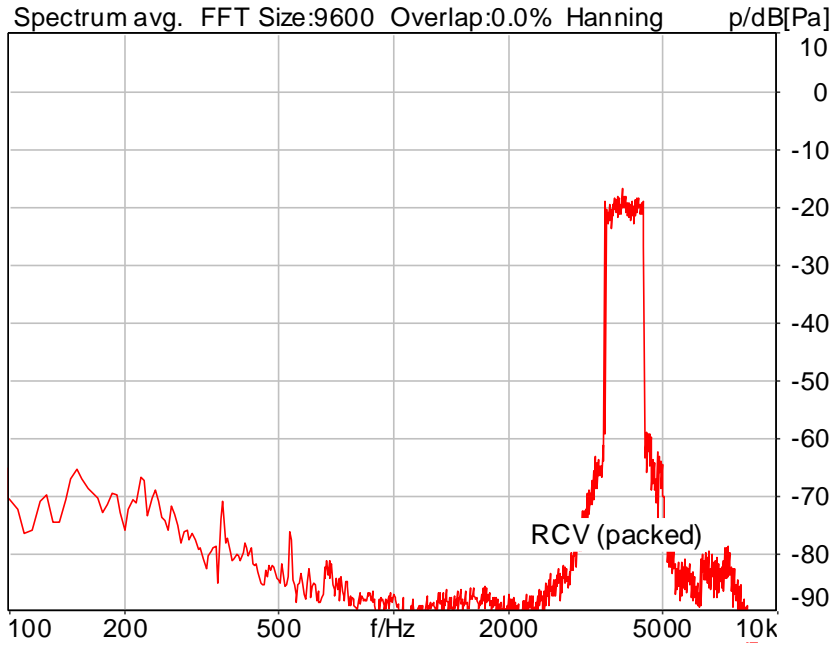
**Limits**

	<b>lower</b>
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): 43.85 dB (0.64%) Ok

Ok

2023/10/21 上午 12:48 ACQUA 5.1.200

Limits

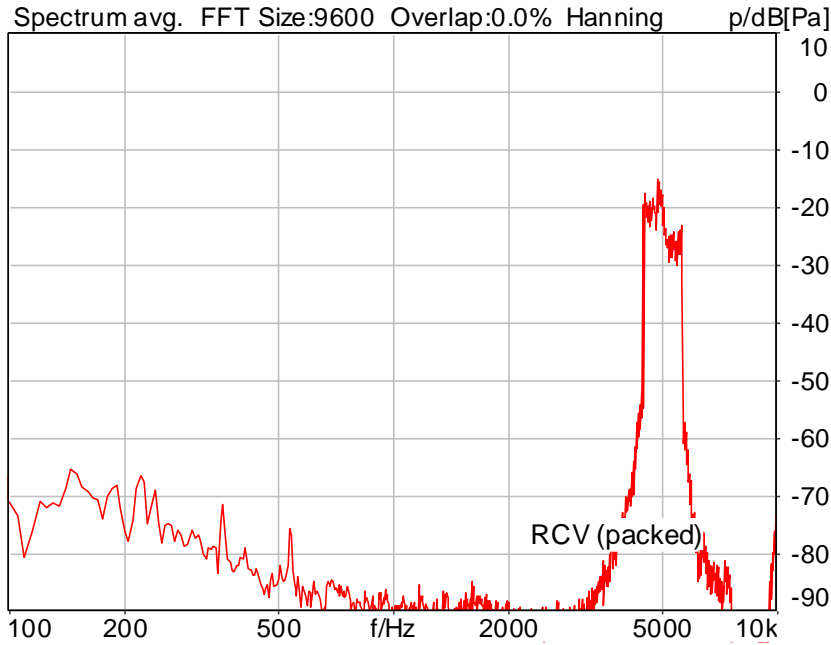
	lower
Run 1	20.00 dB





### 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): 40.45 dB (0.95%) Ok

Ok

2023/10/21 上午 12:48 ACQUA 5.1.200

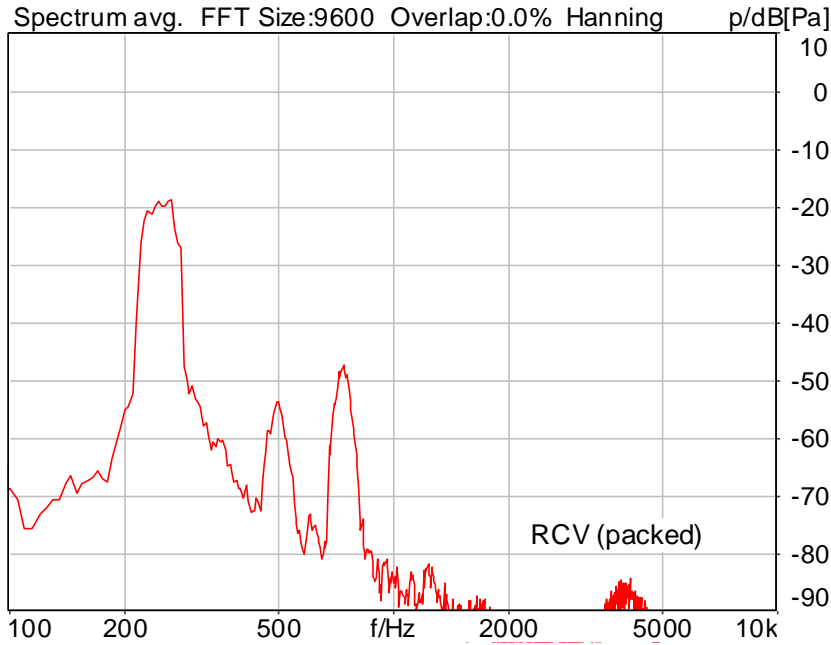
Limits

	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): 28.26 dB (3.87%) Ok

Ok

2023/10/21 上午 12:49 ACQUA 5.1.200

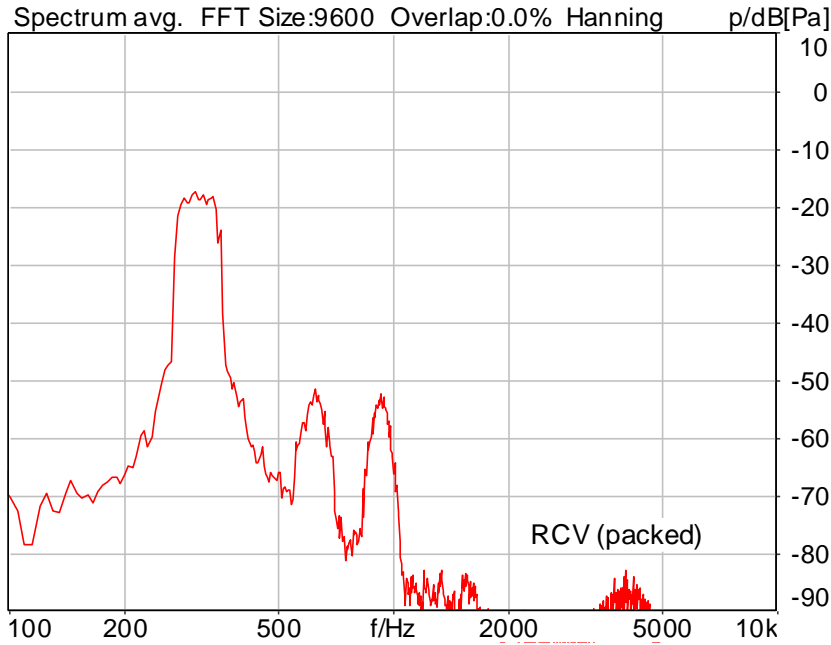
Limits

	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): 31.96 dB (2.52%) Ok

Ok

2023/10/21 上午 12:50 ACQUA 5.1.200

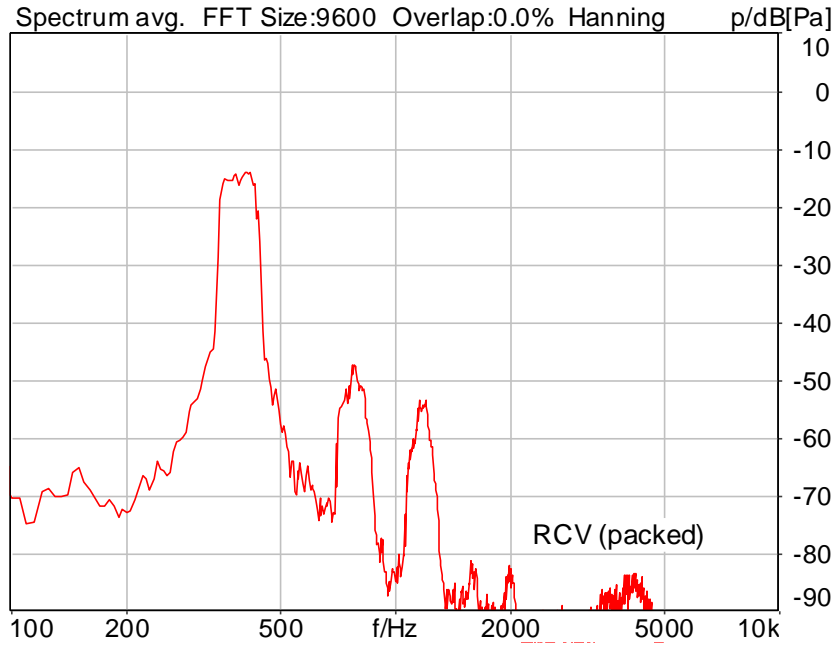
Limits

	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): 32.91 dB (2.26%) Ok

Ok

2023/10/21 上午 12:50 ACQUA 5.1.200

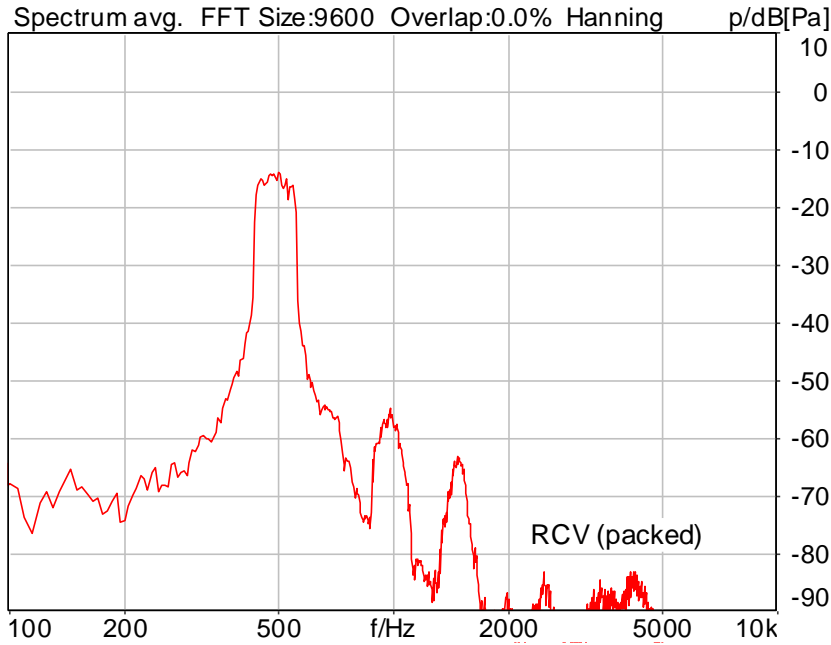
Limits

	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): 35.64 dB (1.65%) Ok

Ok

2023/10/21 上午 12:51 ACQUA 5.1.200

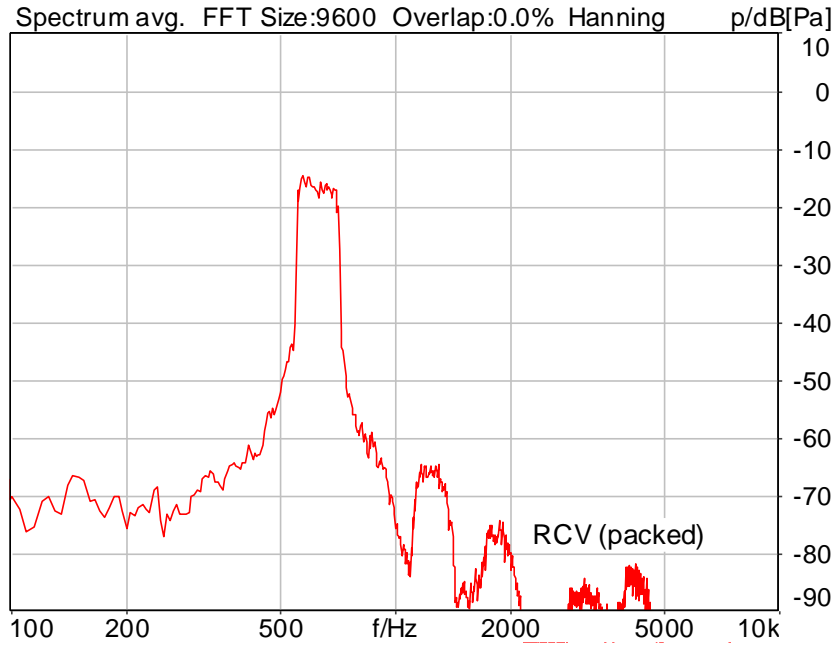
Limits

	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): 38.29 dB (1.22%) Ok

Ok

2023/10/21 上午 12:51 ACQUA 5.1.200

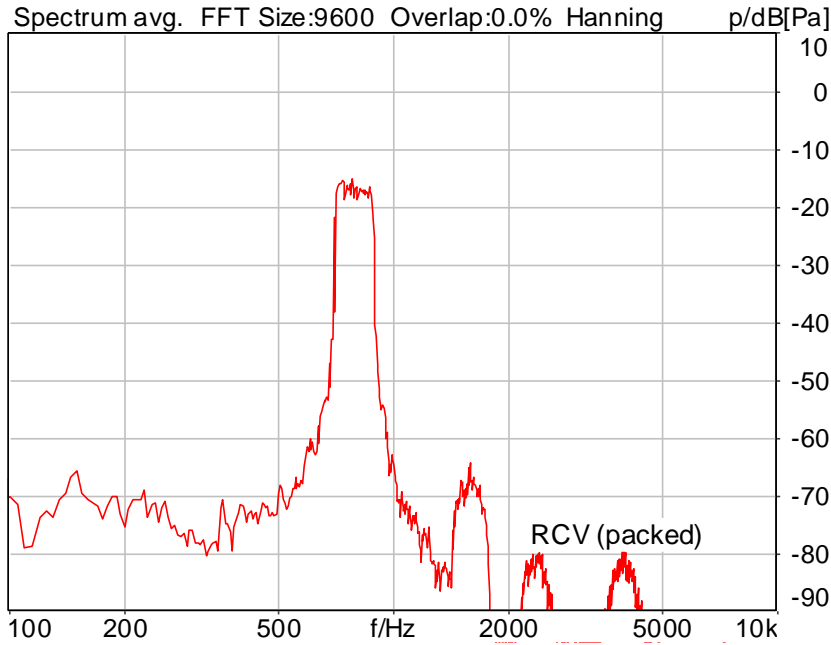
Limits

	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): 41.14 dB (0.88%) Ok

Ok

2023/10/21 上午 12:52 ACQUA 5.1.200

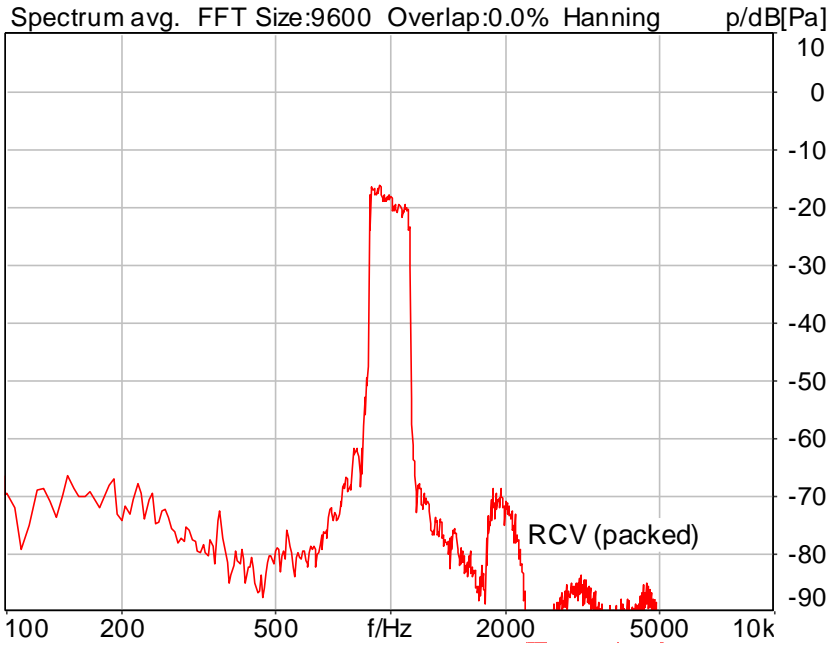
Limits

	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): 45.63 dB (0.52%) Ok

Ok

2023/10/21 上午 12:52 ACQUA 5.1.200

Limits

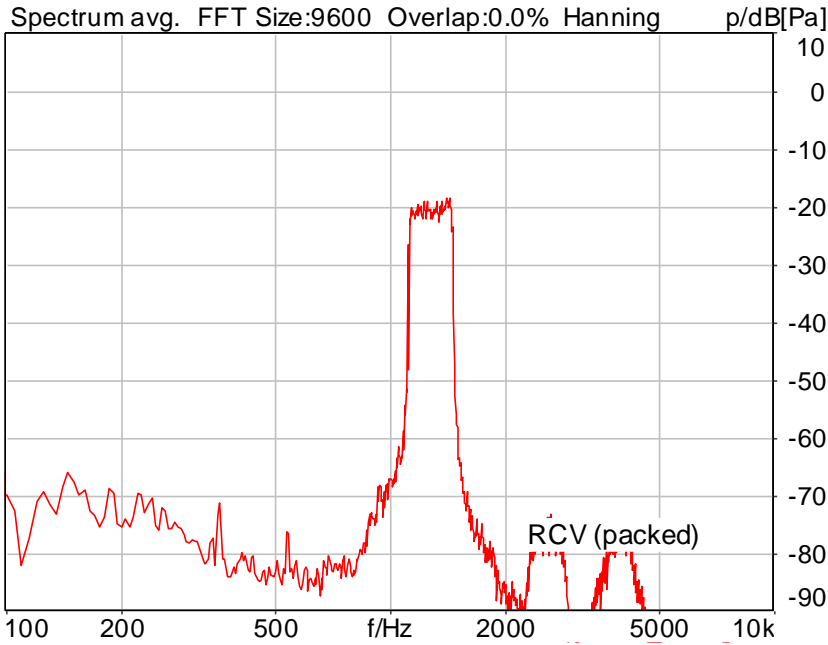
	lower
Run 1	20.00 dB





### 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): 33.48 dB (2.12%) Ok

Ok

2023/10/21 上午 12:53 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): 44.40 dB (0.60%) Ok

Ok

2023/10/21 上午 12:53 ACQUA 5.1.200

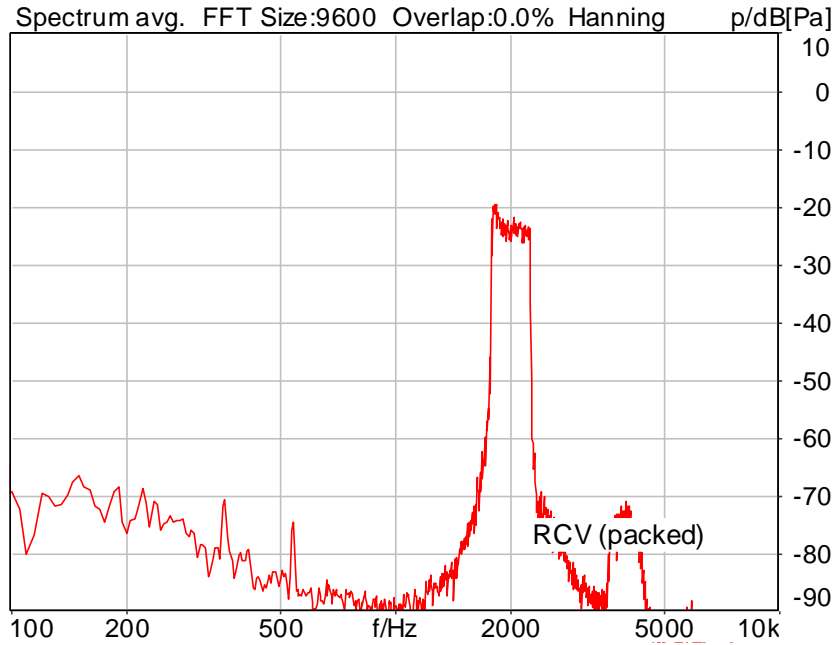
Limits

	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): 41.20 dB (0.87%) Ok

Ok

2023/10/21 上午 12:54 ACQUA 5.1.200

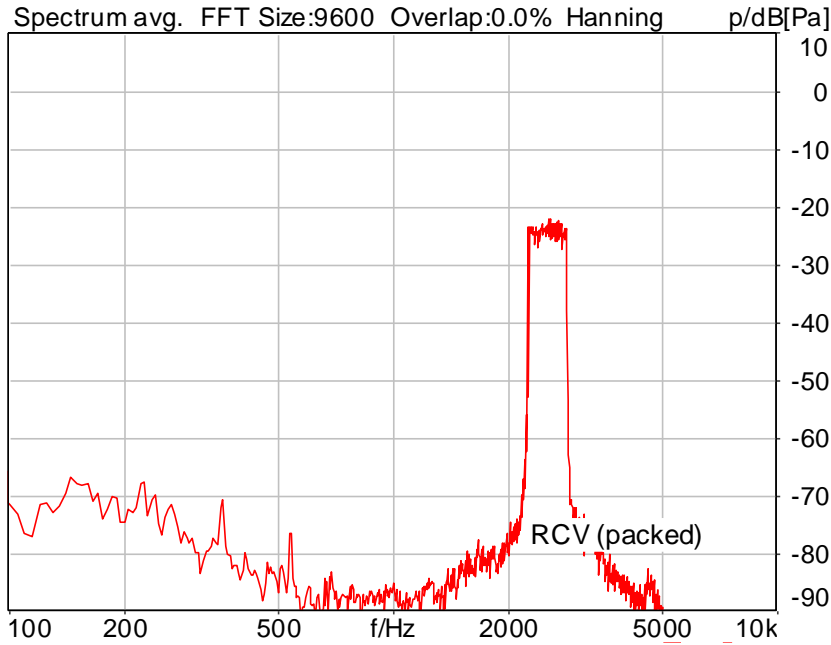
Limits

	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): 45.98 dB (0.50%) Ok

Ok

2023/10/21 上午 12:54 ACQUA 5.1.200

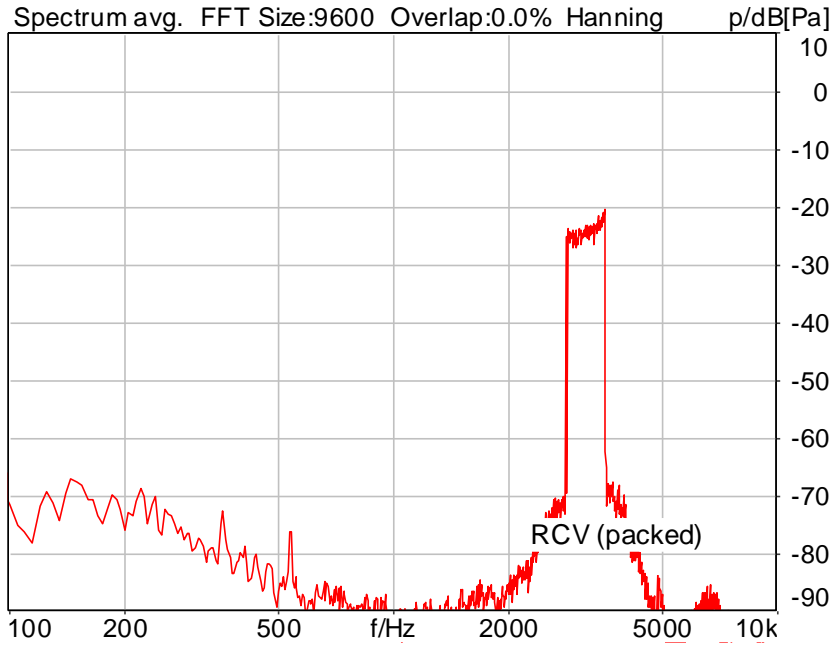
Limits

	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): 45.11 dB (0.56%) Ok

Ok

2023/10/21 上午 12:55 ACQUA 5.1.200

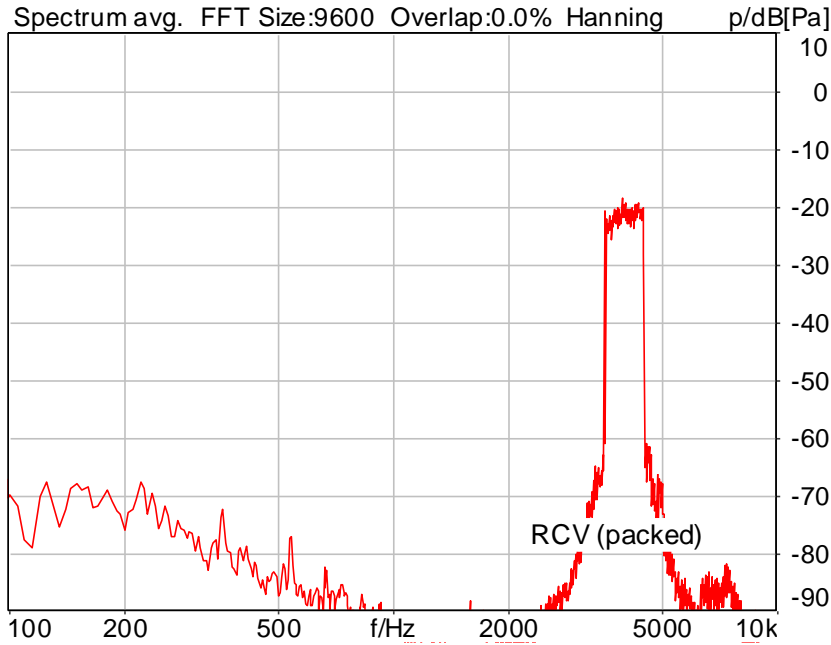
Limits

	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): 44.80 dB (0.58%) Ok

Ok

2023/10/21 上午 12:55 ACQUA 5.1.200

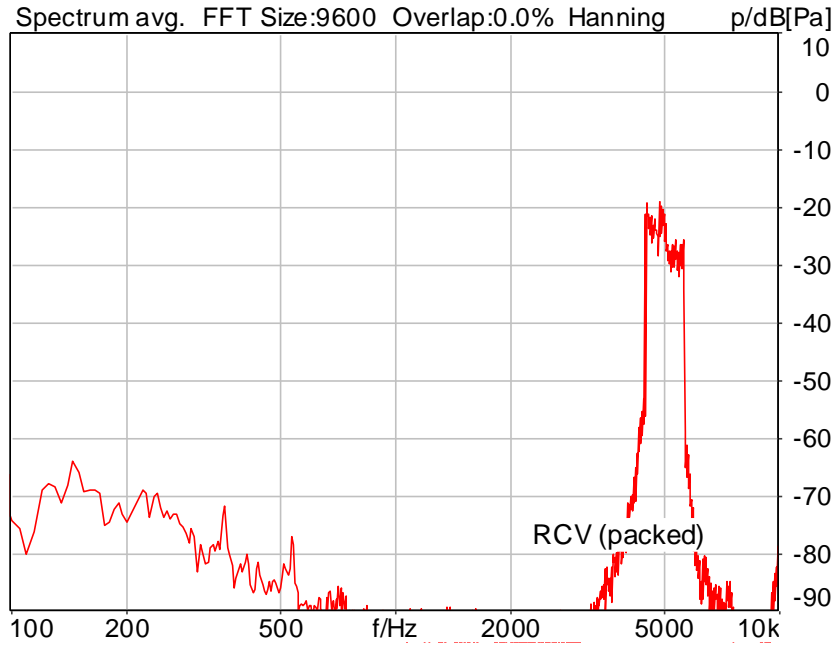
Limits

	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): 39.21 dB (1.10%) Ok

Ok

2023/10/21 上午 12:56 ACQUA 5.1.200

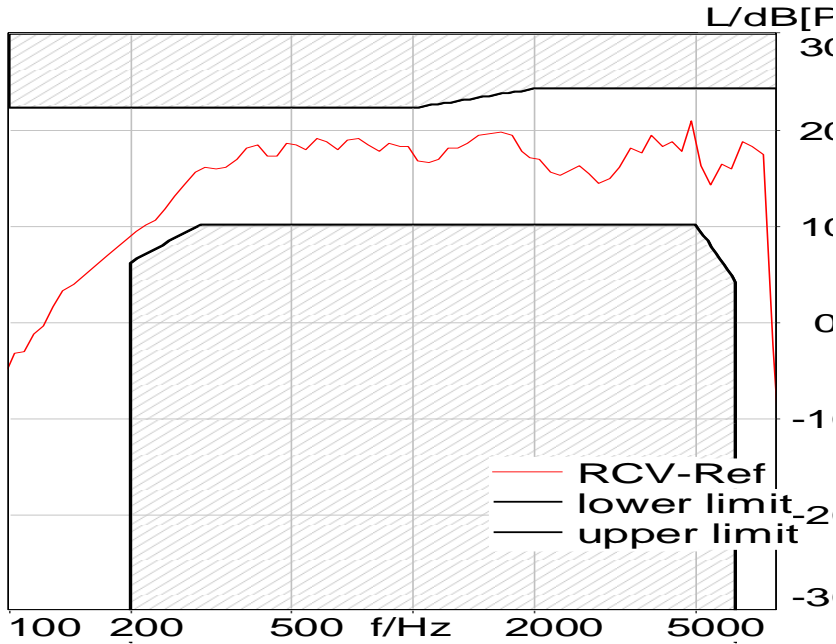
Limits

	lower
Run 1	20.00 dB



### 5.3 Frequency Response 8N FF

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



Absolute minimal distance  
3.02 dB at 576.7 Hz Ok

Ok

2023/10/21 上午 12:56 ACQUA 5.1.200

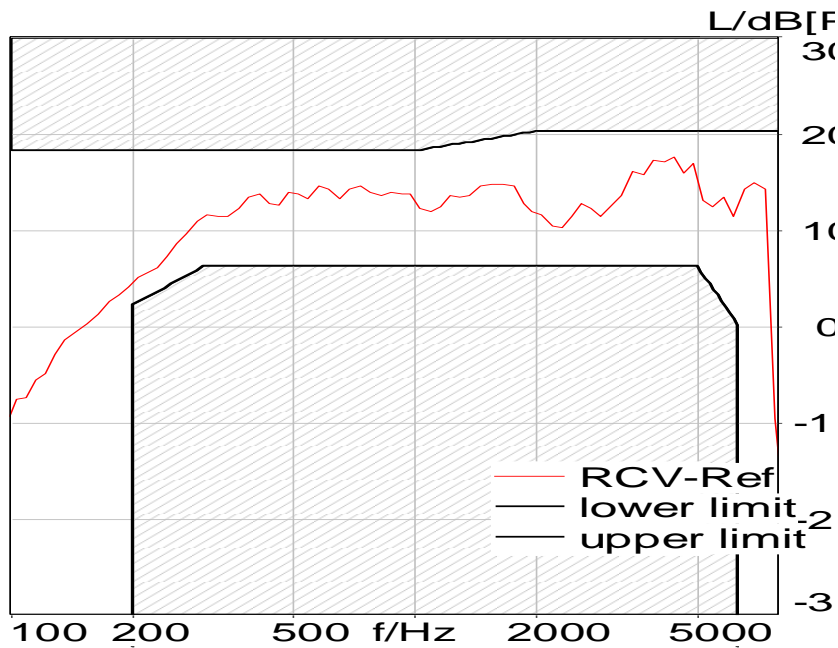
**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



### 5.3 Frequency Response 2N FF

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



Absolute minimal distance  
2.56 dB at 4369.4 Hz Ok

Ok

2023/10/21 上午 12:57 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



#9 NR n7 EVS WB 24.4Kbps

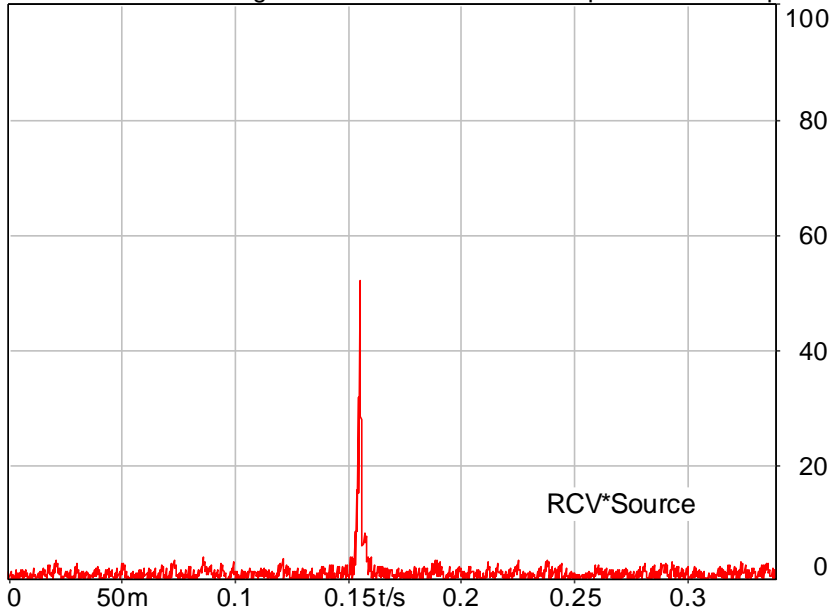
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	155.6
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	89.69
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	89.01
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.41
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.80
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.57
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.71
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.41
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.08
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.41
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.81
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.84
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	42.24
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.25
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.36
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.65
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	40.64
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.38
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.93
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	35.73
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.27
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.16
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.40
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.20
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.28
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.12
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.85
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.06
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	39.80
5.3 Frequency Response 8N FF	Ok	Min. dist. to tolerance scheme [dB], 205.7 Hz	2.65
5.3 Frequency Response 2N FF	Ok	Min. dist. to tolerance scheme [dB], 4369.4 Hz	2.02



### Overall Receive Delay WB

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

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



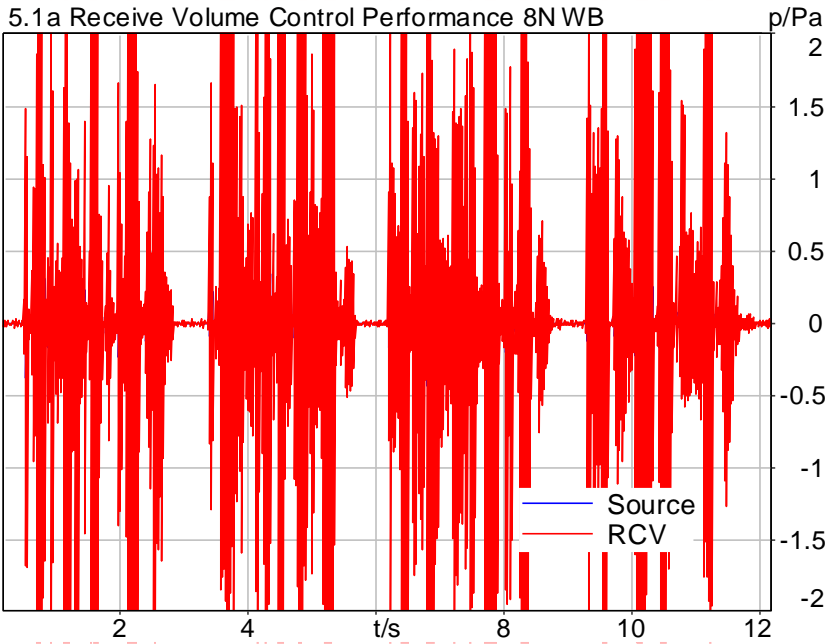
Delay (Cross): 155.6 ms

2023/10/21 下午 02:41 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 89.69 dB[SPL], Act.: 61.16% Ok

Ok

2023/10/21 下午 02:42 ACQUA 5.1.200

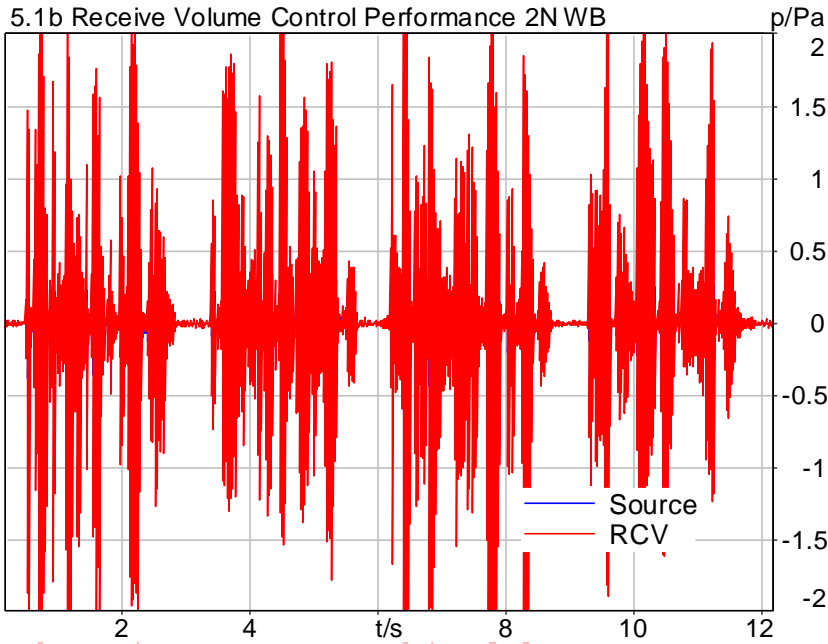
**Limits**

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 89.01 dB[SPL], Act.: 25.75% Ok

Ok

2023/10/21 下午 02:42 ACQUA 5.1.200

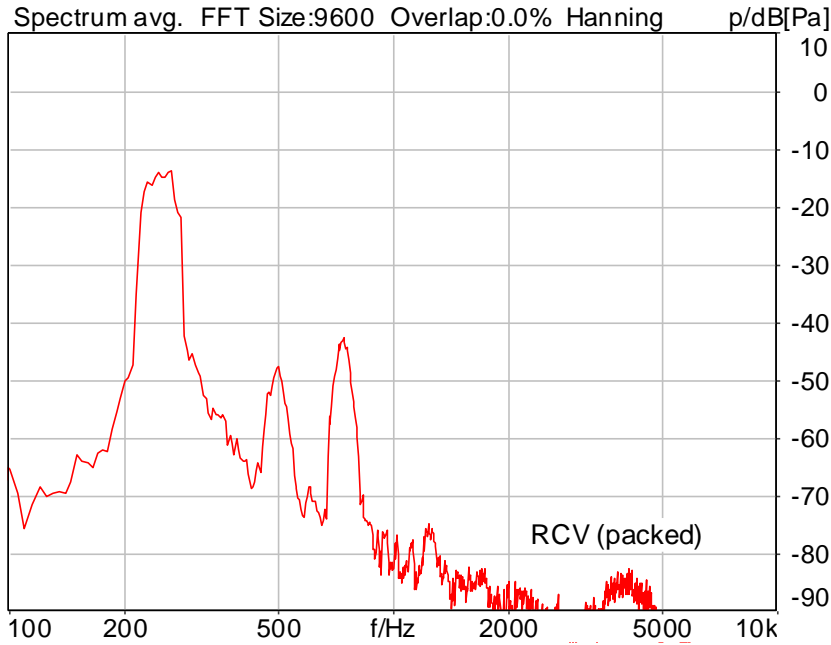
Limits

	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): 28.41 dB (3.80%) Ok

Ok

2023/10/21 下午 02:43 ACQUA 5.1.200

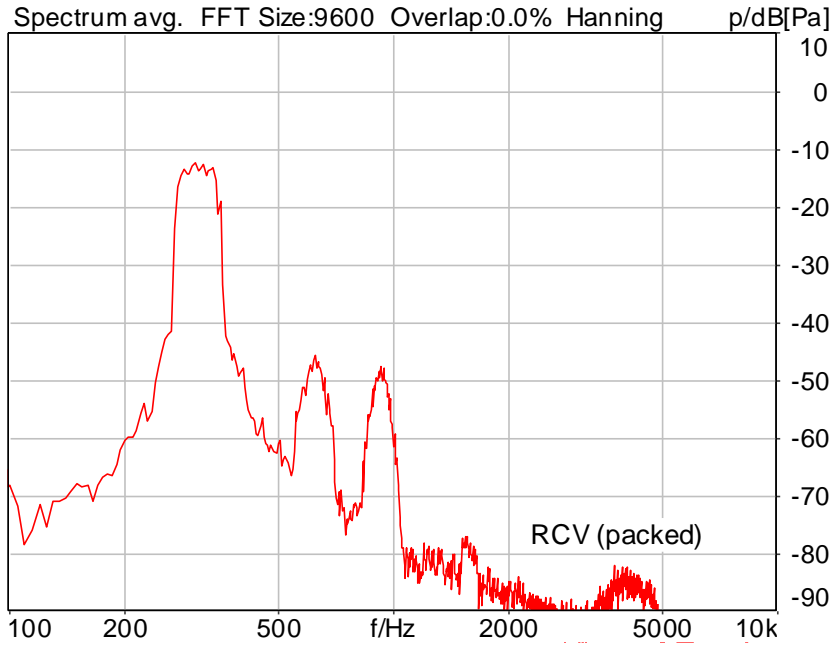
Limits

	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): 31.80 dB (2.57%) Ok

Ok

2023/10/21 下午 02:44 ACQUA 5.1.200

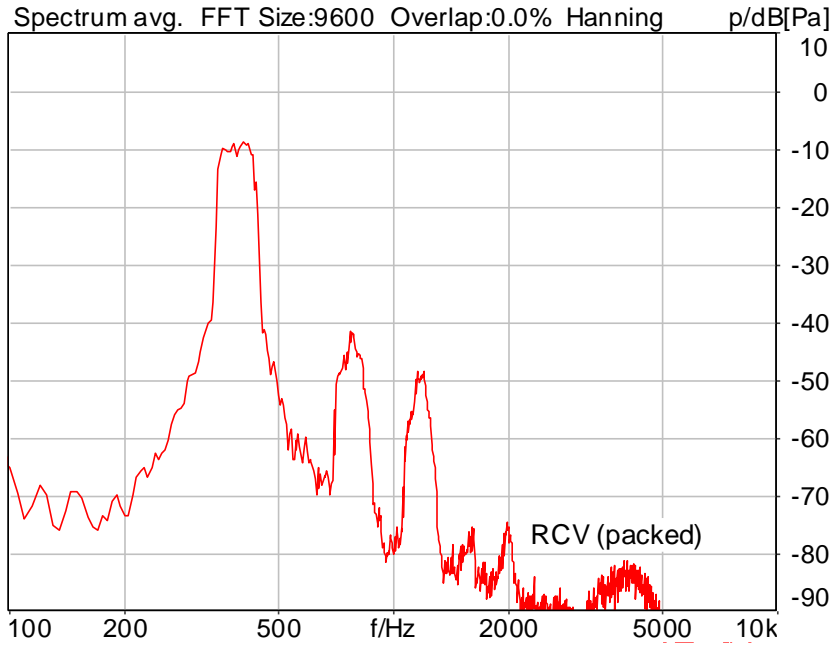
Limits

	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): 32.57 dB (2.35%) Ok

Ok

2023/10/21 下午 02:44 ACQUA 5.1.200

Limits

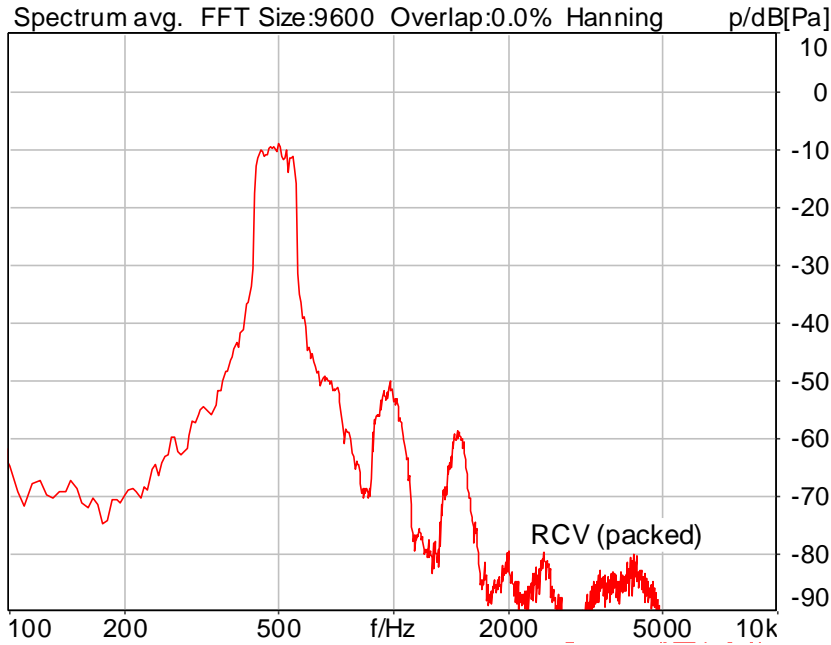
	lower
Run 1	20.00 dB





### 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): 35.71 dB (1.64%) Ok

Ok

2023/10/21 下午 02:45 ACQUA 5.1.200

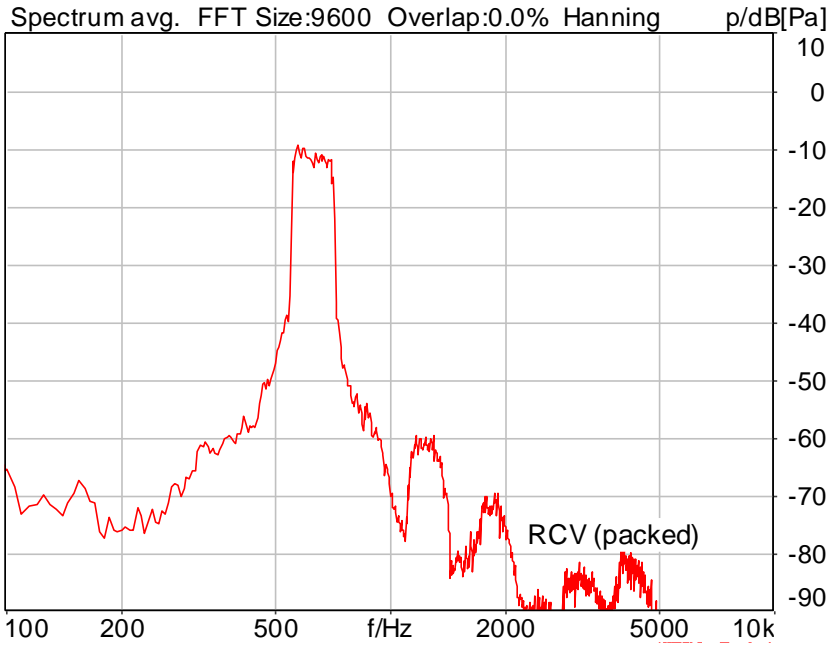
Limits

	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): 38.41 dB (1.20%) Ok

Ok

2023/10/21 下午 02:45 ACQUA 5.1.200

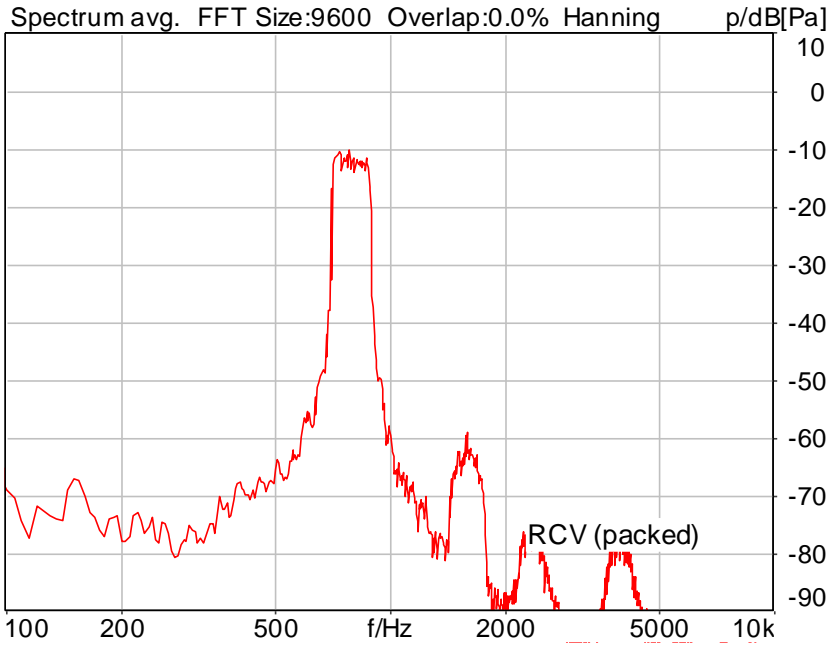
Limits

	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): 41.08 dB (0.88%) Ok

Ok

2023/10/21 下午 02:46 ACQUA 5.1.200

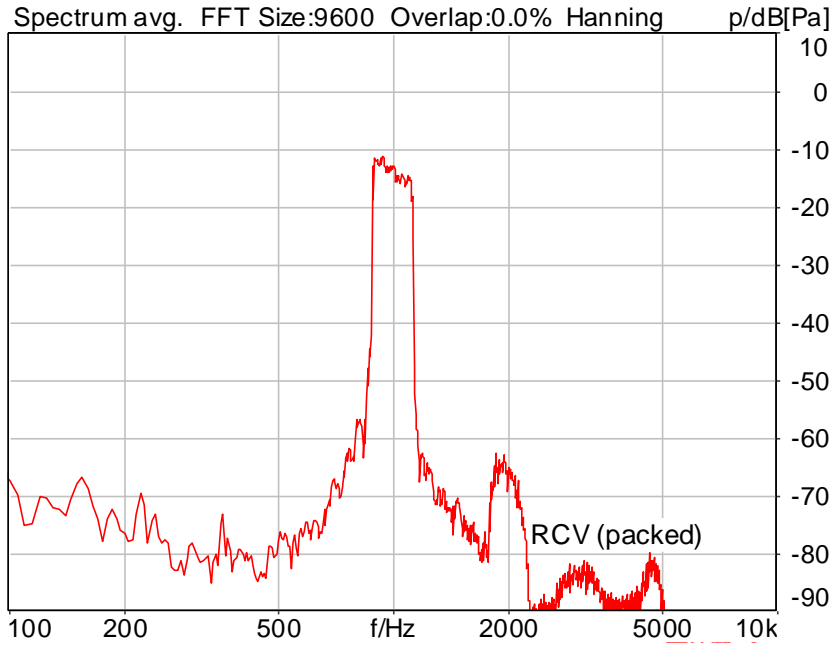
Limits

	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): 45.41 dB (0.54%) Ok

Ok

2023/10/21 下午 02:46 ACQUA 5.1.200

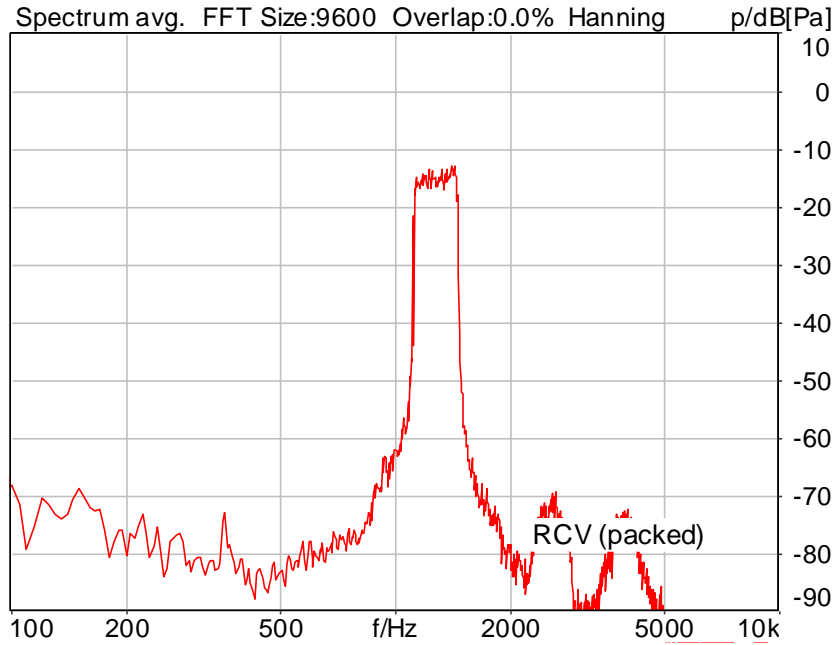
Limits

	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): 32.81 dB (2.29%) Ok

Ok

2023/10/21 下午 02:46 ACQUA 5.1.200

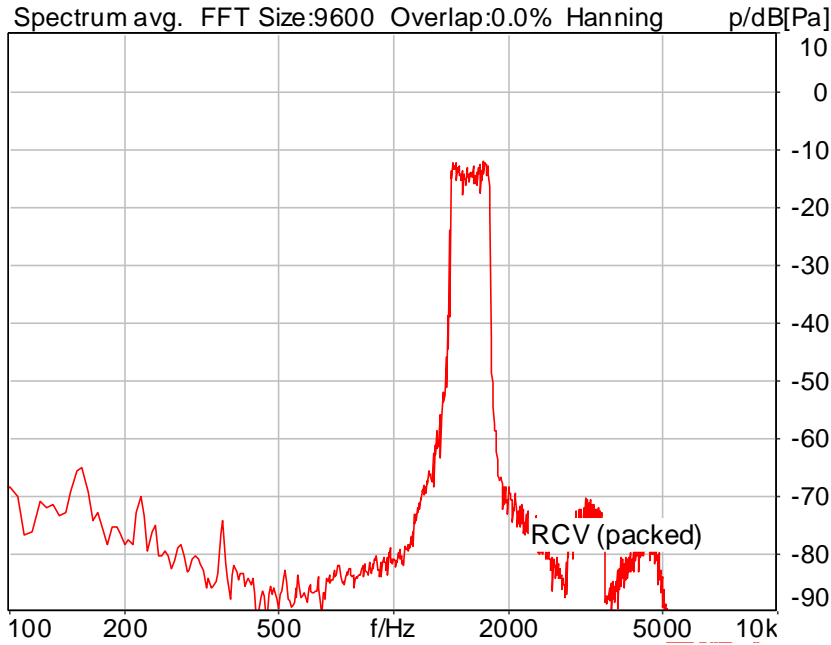
Limits

	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): 44.84 dB (0.57%) Ok

Ok

2023/10/21 下午 02:47 ACQUA 5.1.200

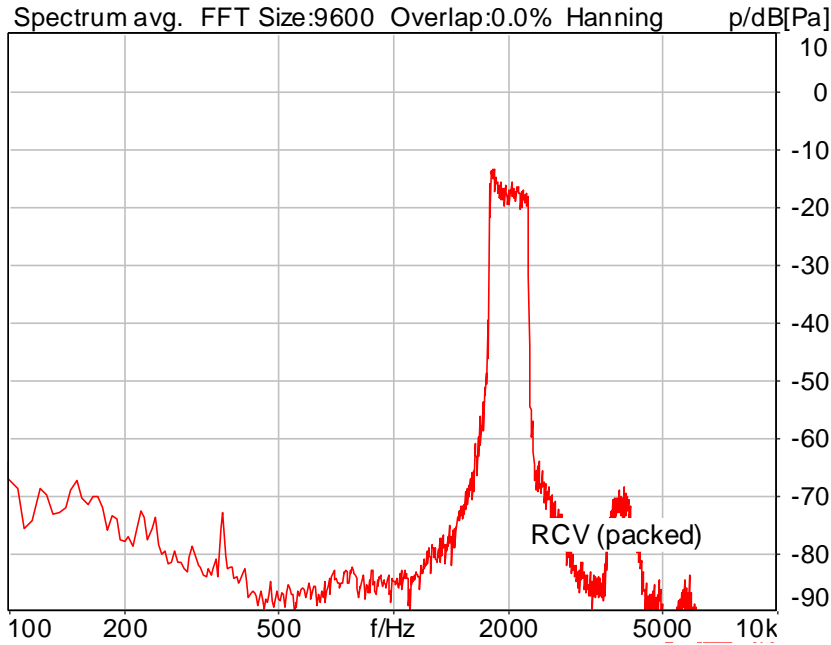
Limits

	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): 42.24 dB (0.77%) Ok

**Ok**

2023/10/21 下午 02:47 ACQUA 5.1.200

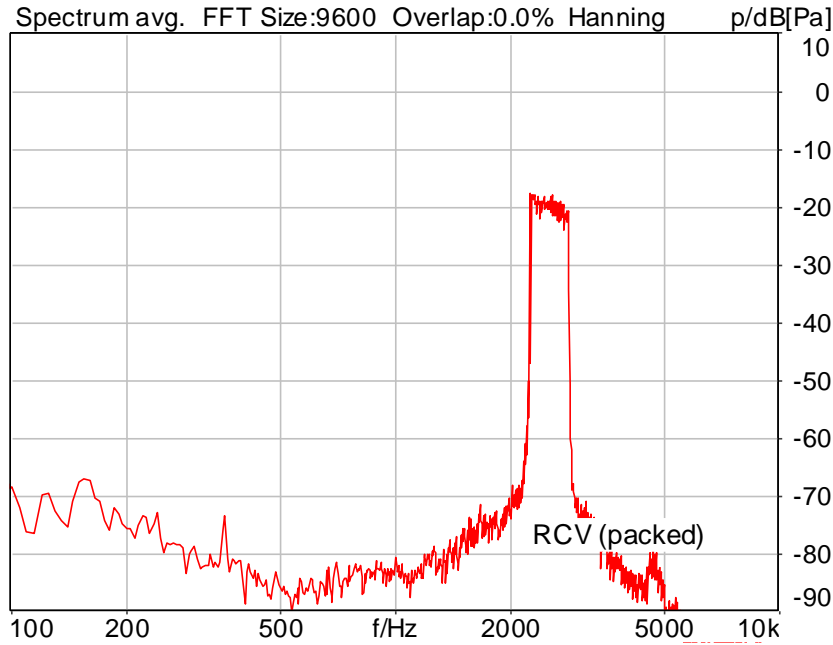
**Limits**

	<b>lower</b>
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): 46.25 dB (0.49%) Ok

Ok

2023/10/21 下午 02:48 ACQUA 5.1.200

Limits

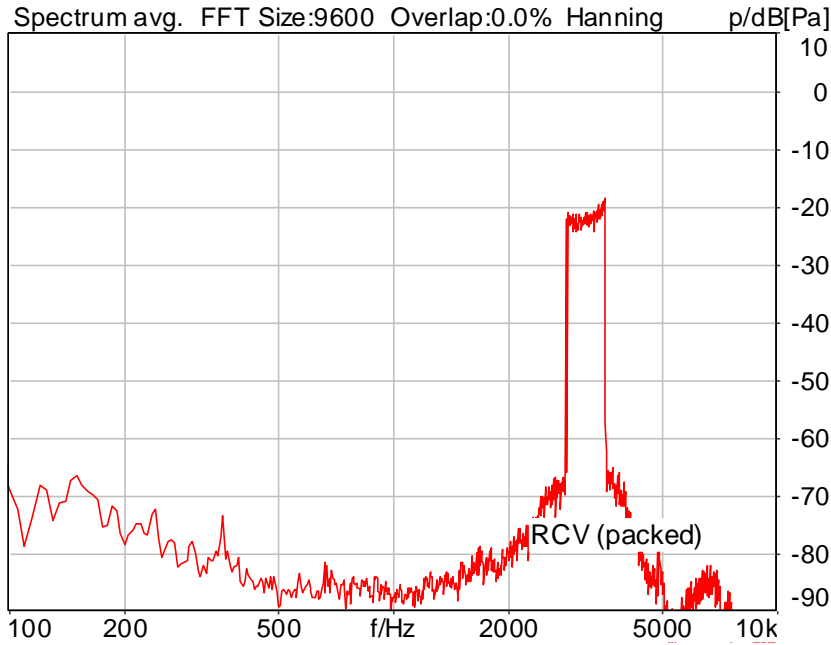
	lower
Run 1	20.00 dB





### 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): 44.36 dB (0.61%) Ok

Ok

2023/10/21 下午 02:48 ACQUA 5.1.200

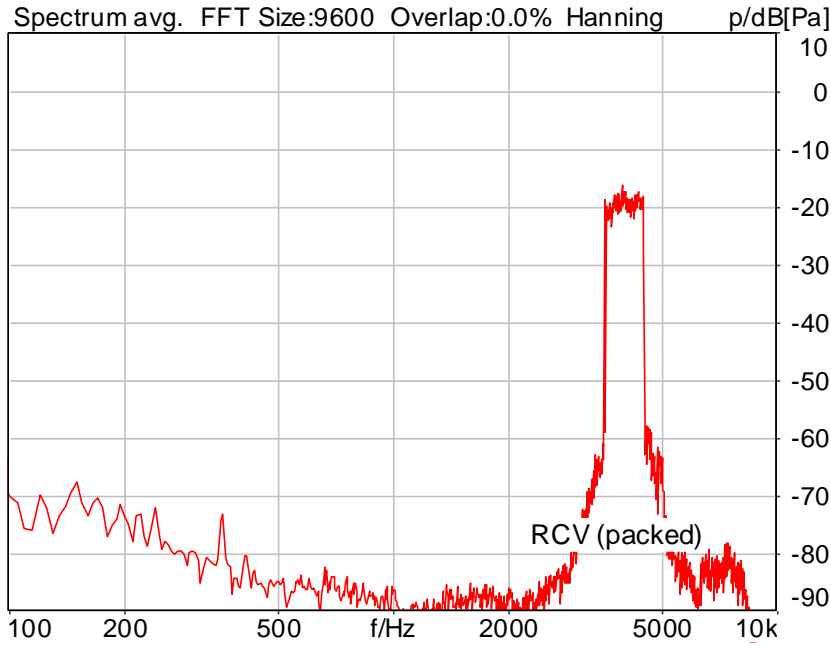
Limits

	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): 43.65 dB (0.66%) Ok

Ok

2023/10/21 下午 02:49 ACQUA 5.1.200

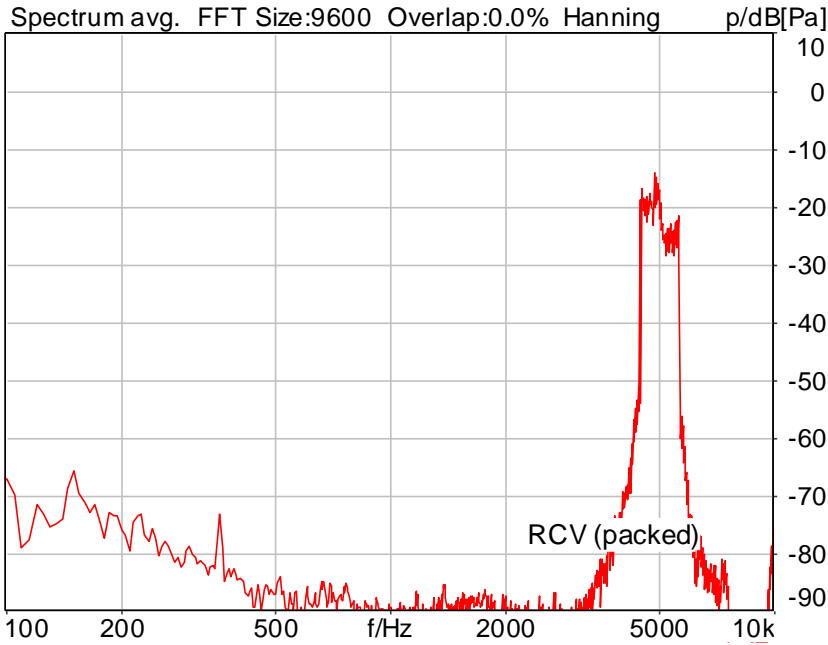
Limits

	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): 40.64 dB (0.93%) Ok

Ok

2023/10/21 下午 02:49 ACQUA 5.1.200

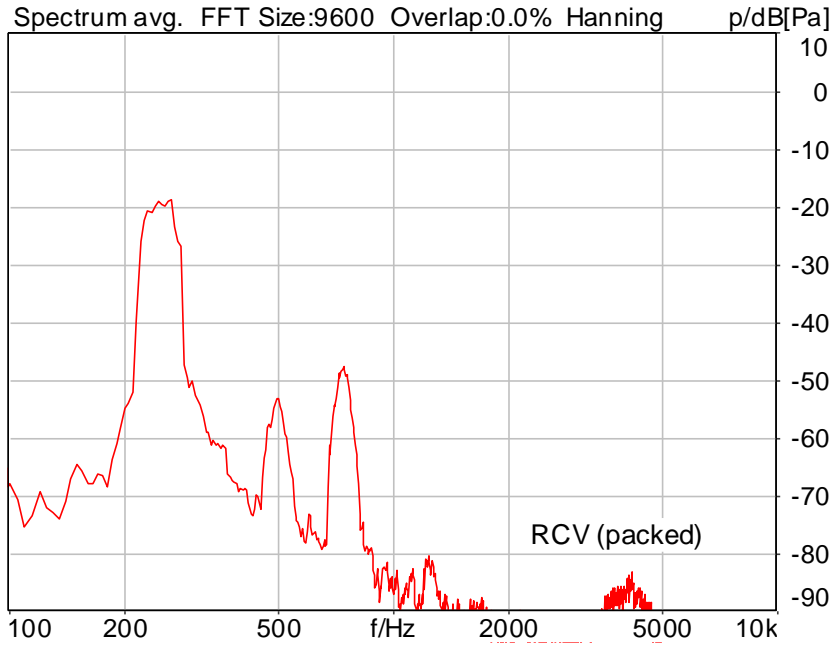
Limits

	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): 28.38 dB (3.81%) Ok

Ok

2023/10/21 下午 02:50 ACQUA 5.1.200

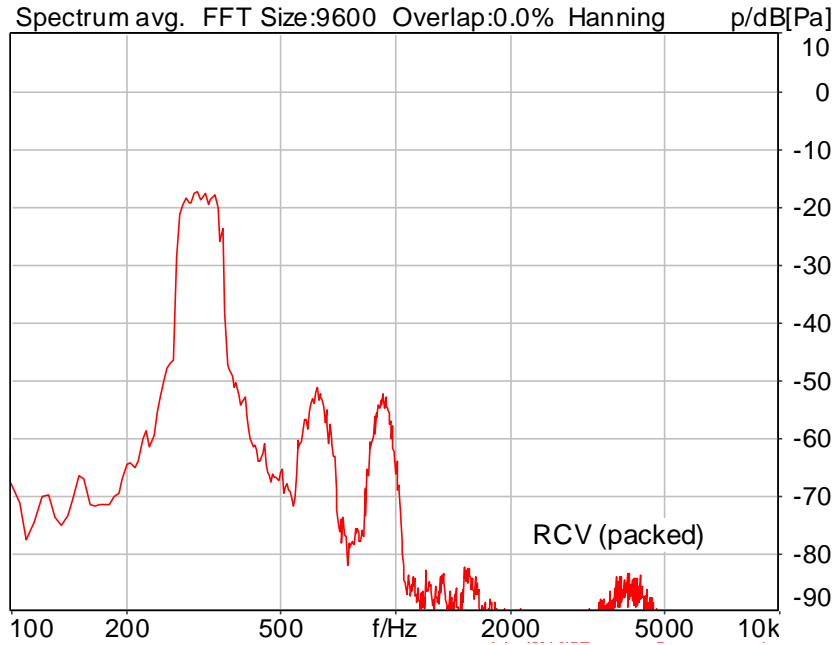
Limits

	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): 31.93 dB (2.53%) Ok

Ok

2023/10/21 下午 02:51 ACQUA 5.1.200

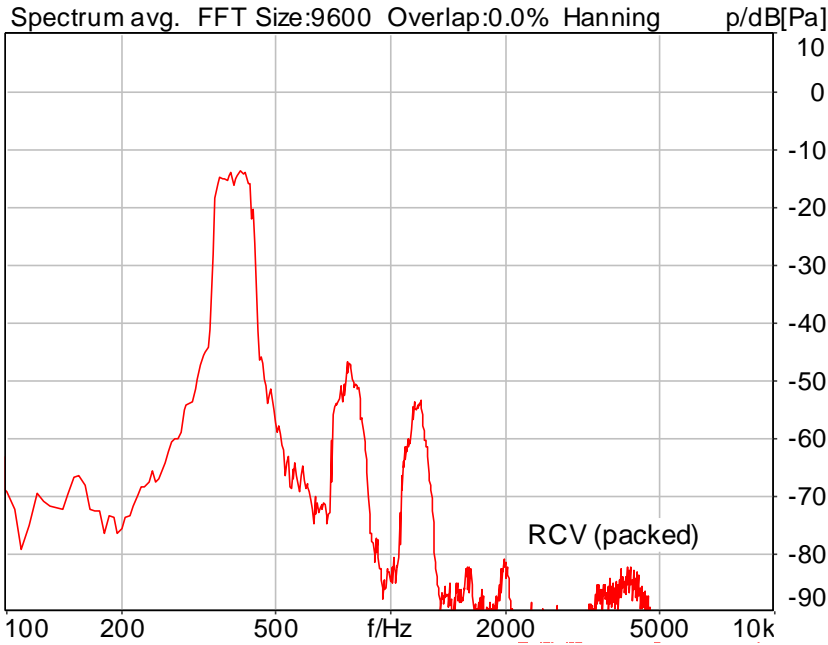
Limits

	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): 32.85 dB (2.28%) Ok

Ok

2023/10/21 下午 02:51 ACQUA 5.1.200

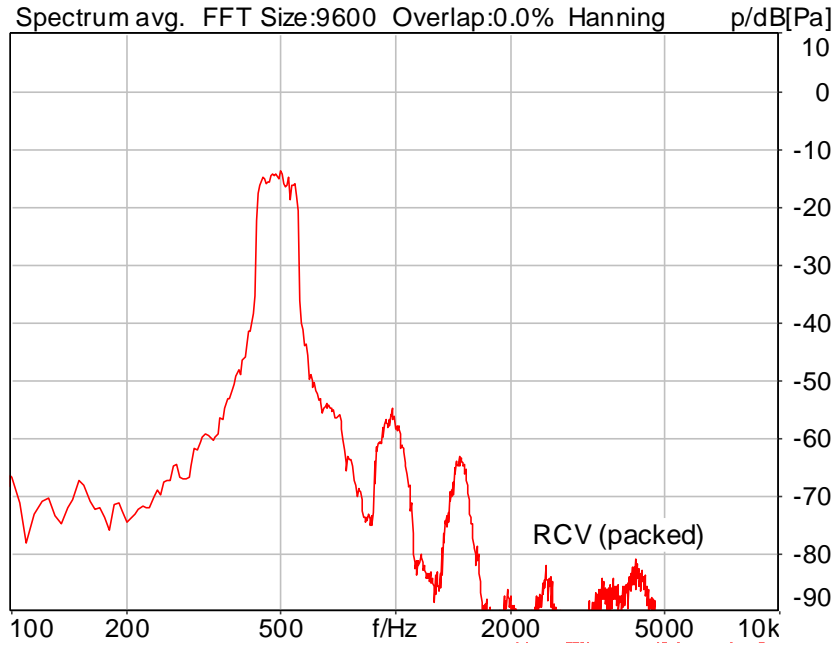
Limits

	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): 35.73 dB (1.64%) Ok

Ok

2023/10/21 下午 02:52 ACQUA 5.1.200

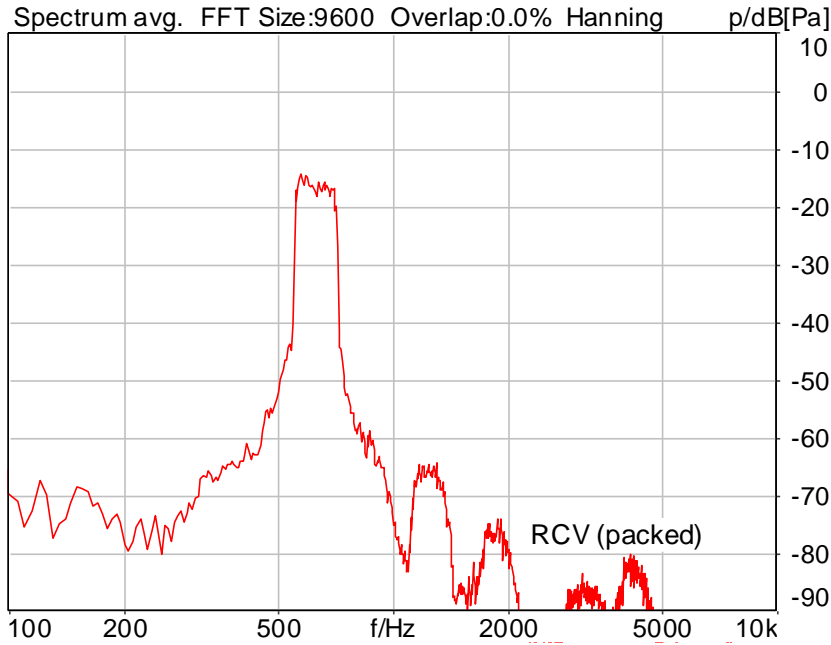
Limits

	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): 38.27 dB (1.22%) Ok

Ok

2023/10/21 下午 02:52 ACQUA 5.1.200

Limits

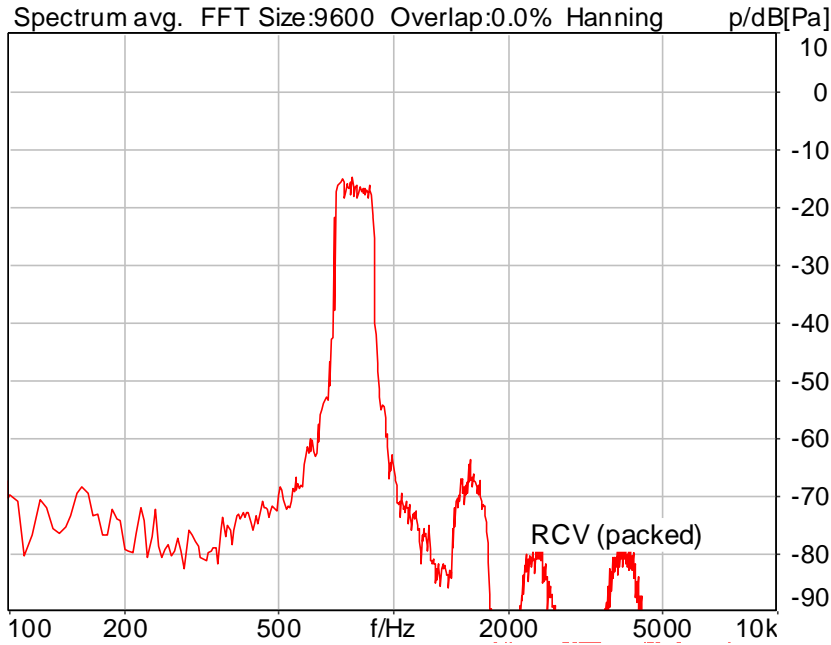
	lower
Run 1	20.00 dB





### 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): 41.16 dB (0.88%) Ok

Ok

2023/10/21 下午 02:53 ACQUA 5.1.200

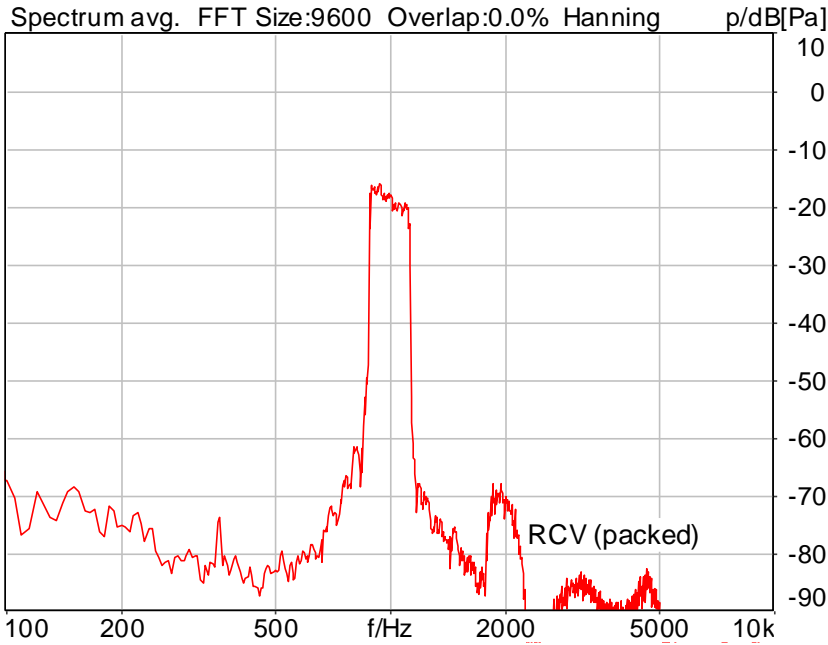
Limits

	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): 45.40 dB (0.54%) Ok

Ok

2023/10/21 下午 02:53 ACQUA 5.1.200

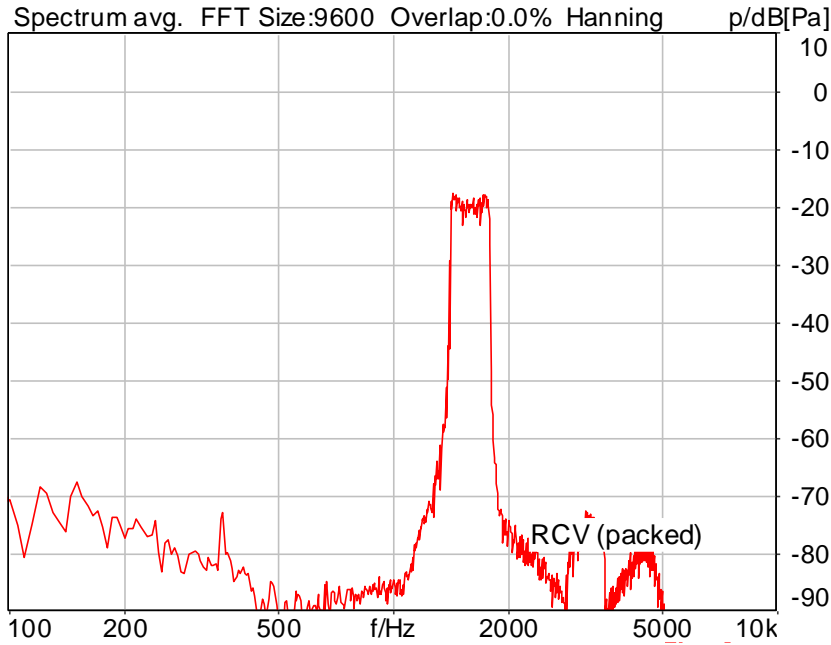
Limits

	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): 44.20 dB (0.62%) Ok

Ok

2023/10/21 下午 02:54 ACQUA 5.1.200

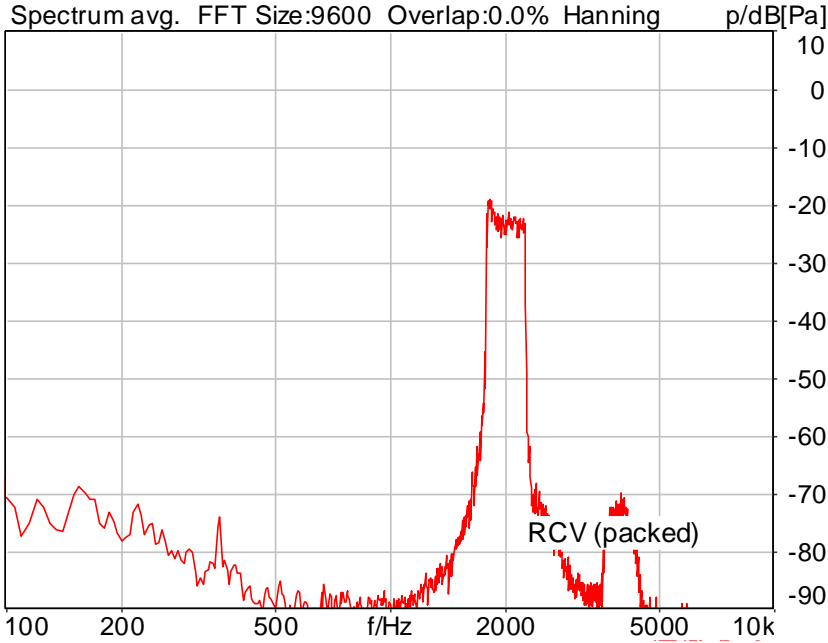
Limits

	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): 41.28 dB (0.86%) Ok

Ok

2023/10/21 下午 02:55 ACQUA 5.1.200

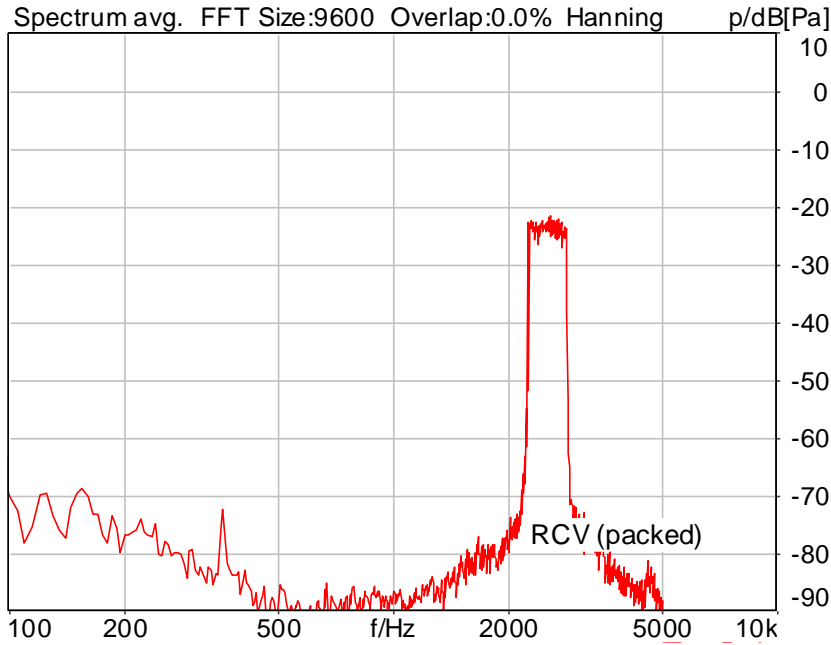
Limits

	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): 46.12 dB (0.49%) Ok

Ok

2023/10/21 下午 02:55 ACQUA 5.1.200

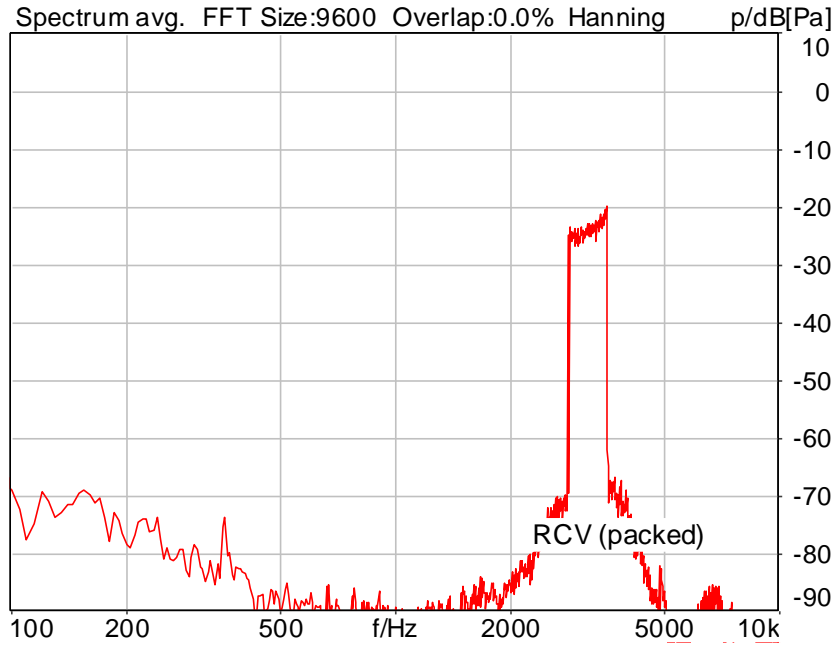
Limits

	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): 44.85 dB (0.57%) Ok

Ok

2023/10/21 下午 02:56 ACQUA 5.1.200

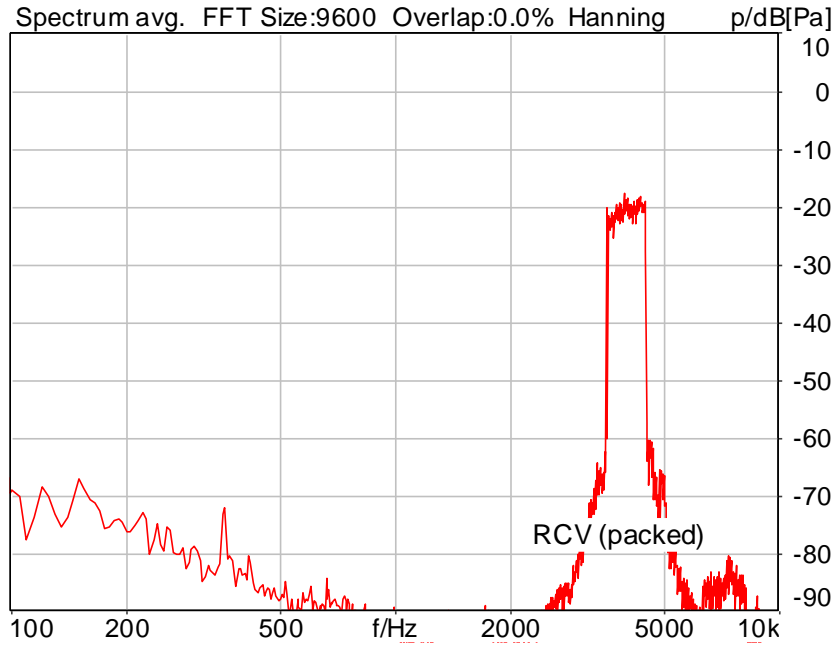
Limits

	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): 45.06 dB (0.56%) Ok

Ok

2023/10/21 下午 02:56 ACQUA 5.1.200

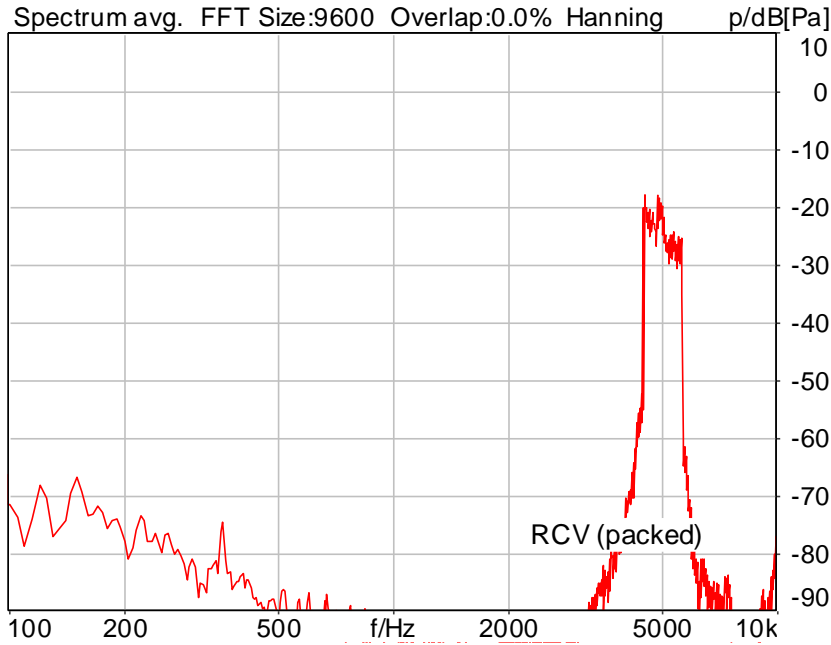
Limits

	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): 39.80 dB (1.02%) Ok

Ok

2023/10/21 下午 02:57 ACQUA 5.1.200

Limits

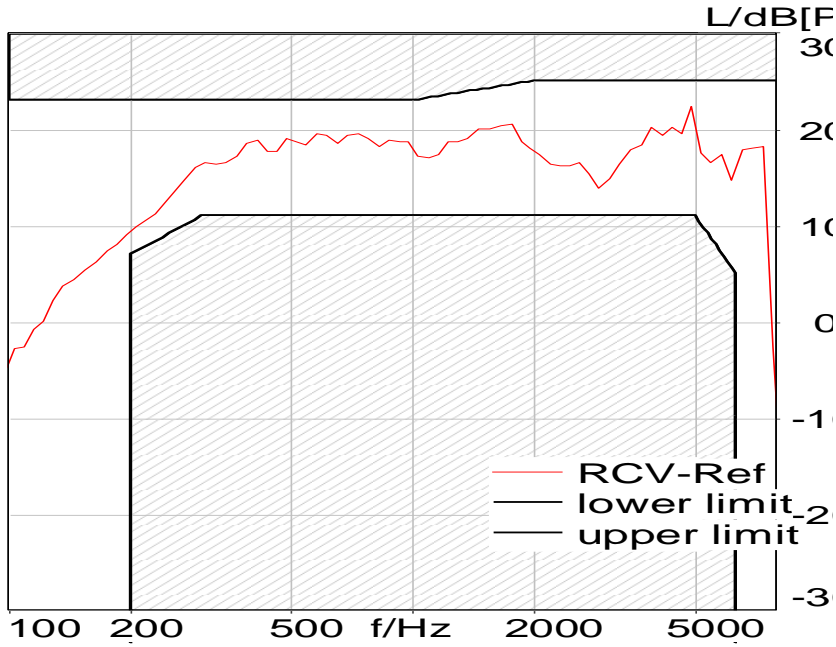
	lower
Run 1	20.00 dB





### 5.3 Frequency Response 8N FF

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



Absolute minimal distance  
2.65 dB at 205.7 Hz Ok

Ok

2023/10/21 下午 02:57 ACQUA 5.1.200

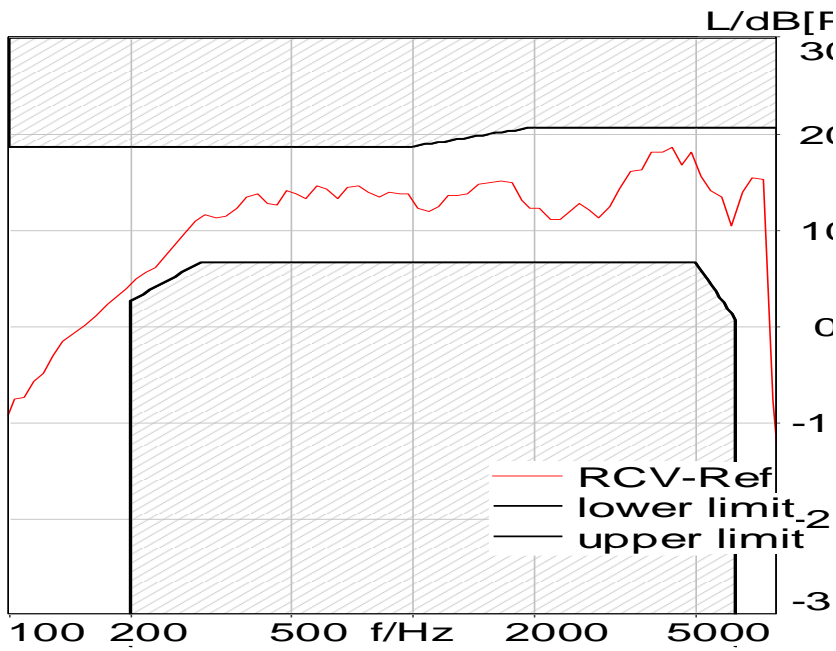
**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



### 5.3 Frequency Response 2N FF

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



Absolute minimal distance  
2.02 dB at 4369.4 Hz Ok

Ok

2023/10/21 下午 02:58 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



**#10 NR n12 EVS WB 24.4Kbps**

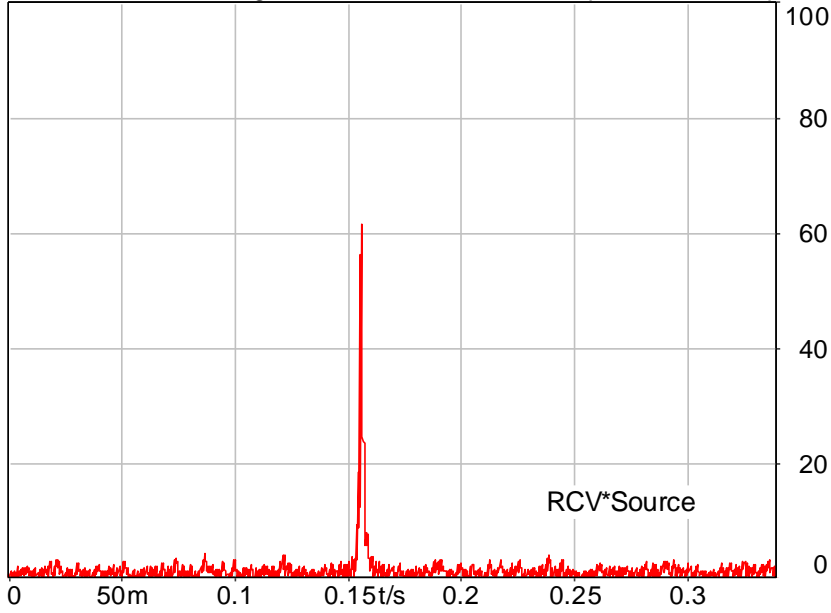
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	156.2
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	90.13
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	88.27
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.41
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.80
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.61
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.72
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.45
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.19
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.43
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.02
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.96
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	42.19
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.99
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.28
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.62
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	40.93
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.40
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.92
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.83
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.68
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.60
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.06
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.43
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.88
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.14
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.27
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.05
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.92
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.82
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	39.41
5.3 Frequency Response 8N FF	Ok	Min. dist. to tolerance scheme [dB], 205.7 Hz	2.69
5.3 Frequency Response 2N FF	Ok	Min. dist. to tolerance scheme [dB], 4369.4 Hz	2.07



### Overall Receive Delay WB

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

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



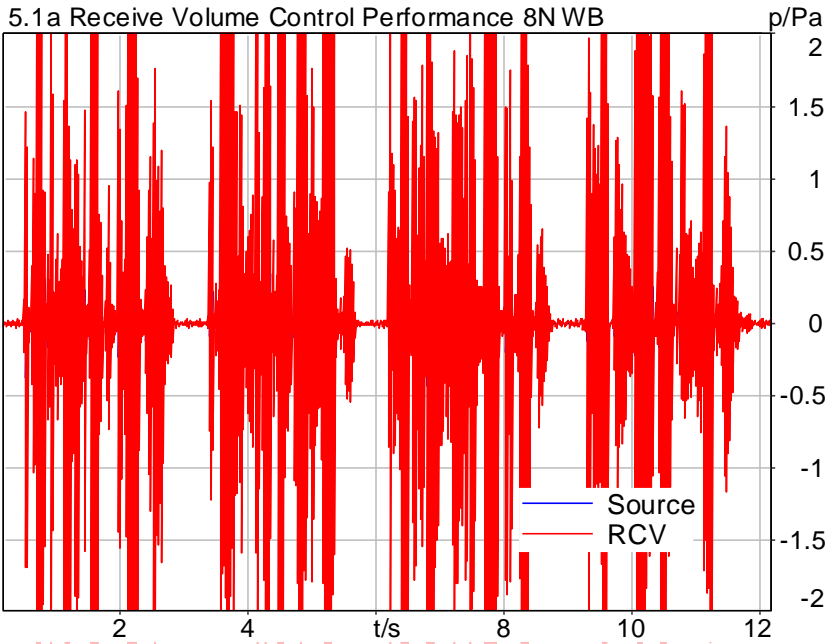
Delay (Cross): 156.2 ms

2023/10/21 下午 03:11 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 90.13 dB[SPL], Act.: 59.60% Ok

Ok

2023/10/21 下午 03:11 ACQUA 5.1.200

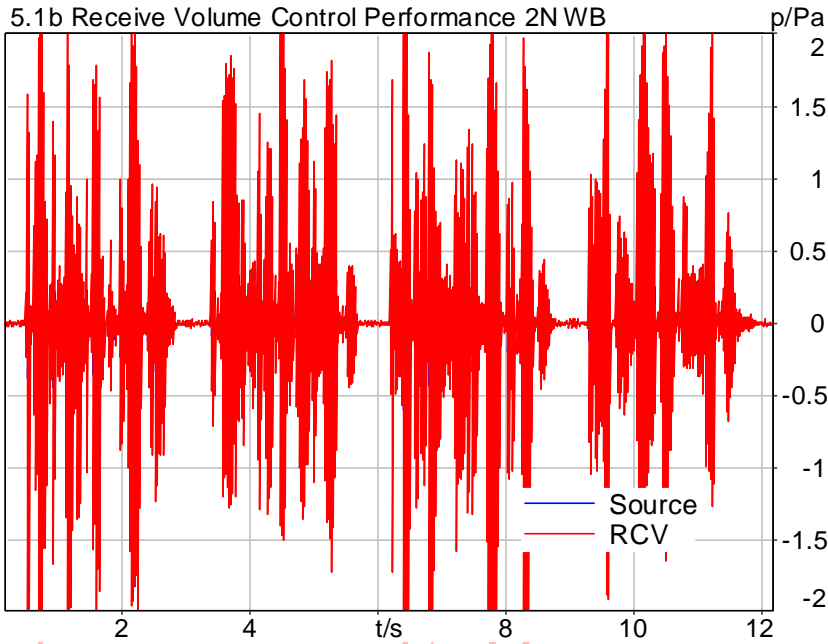
**Limits**

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 88.27 dB[SPL], Act.: 32.50% Ok

Ok

2023/10/21 下午 03:12 ACQUA 5.1.200

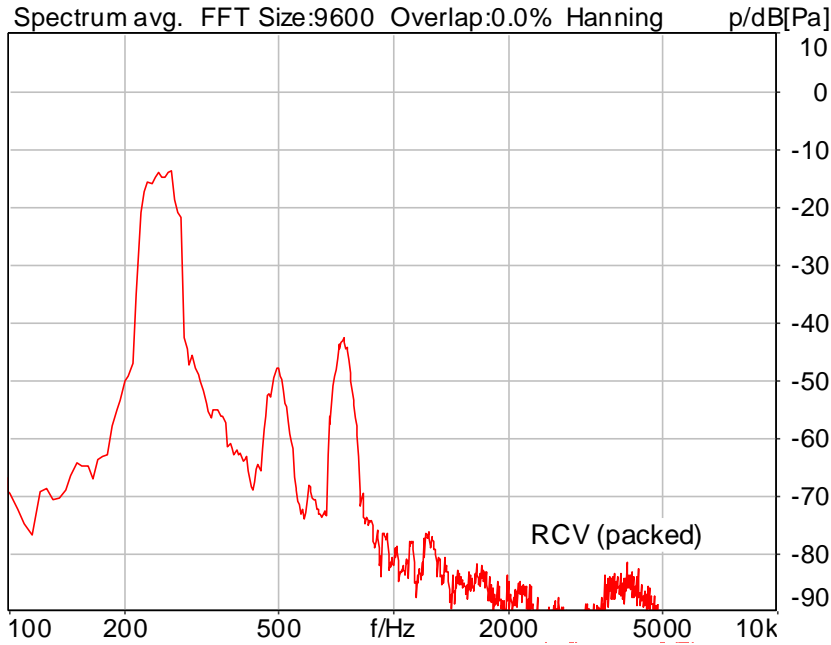
**Limits**

	<b>lower</b>
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): 28.41 dB (3.80%) Ok

Ok

2023/10/21 下午 03:13 ACQUA 5.1.200

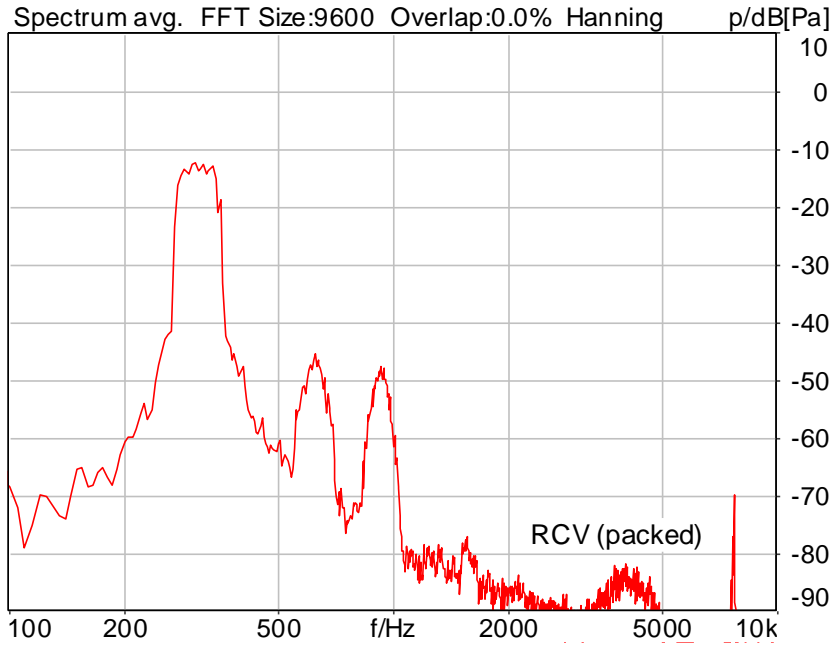
Limits

	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): 31.80 dB (2.57%) Ok

Ok

2023/10/21 下午 03:13 ACQUA 5.1.200

Limits

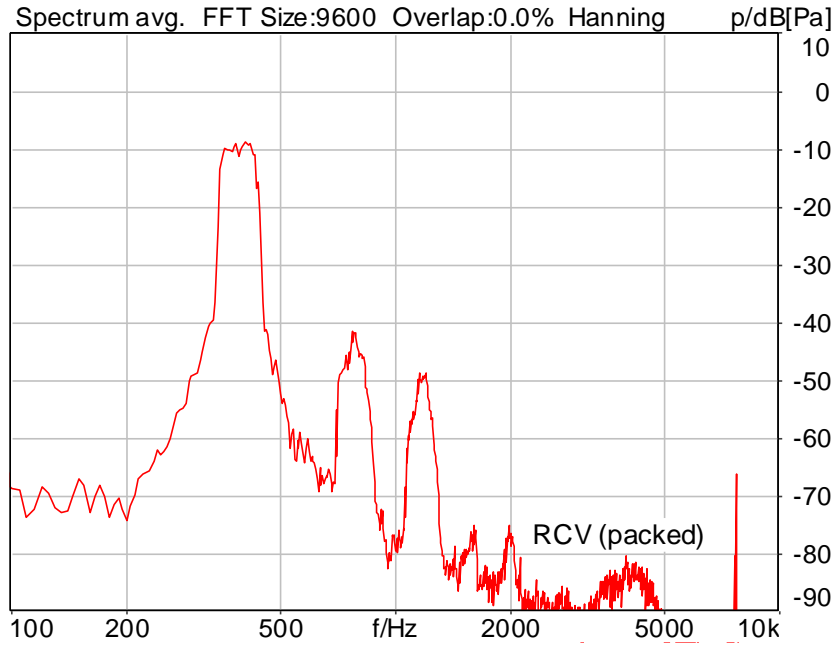
	lower
Run 1	20.00 dB





### 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): 32.61 dB (2.34%) Ok

Ok

2023/10/21 下午 03:14 ACQUA 5.1.200

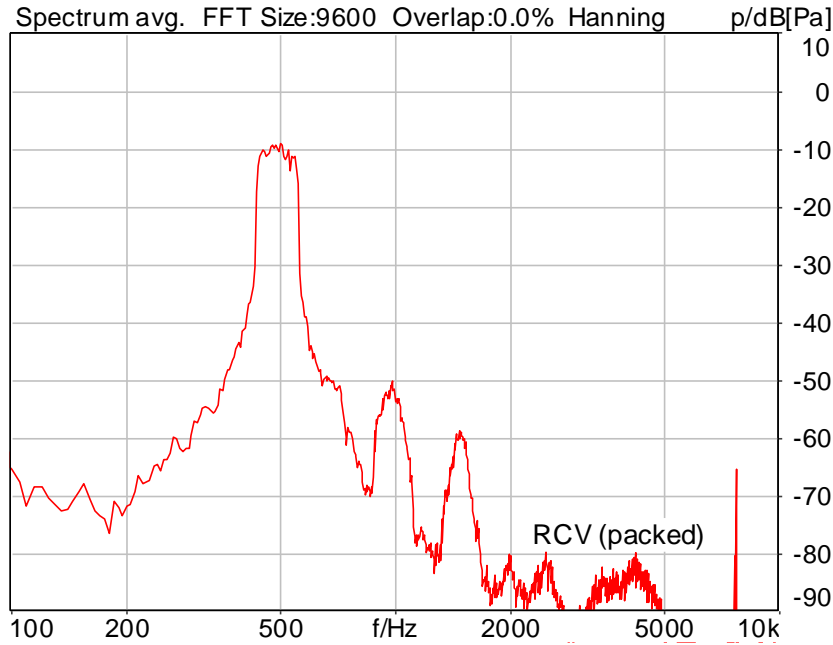
Limits

	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): 35.72 dB (1.64%) Ok

Ok

2023/10/21 下午 03:14 ACQUA 5.1.200

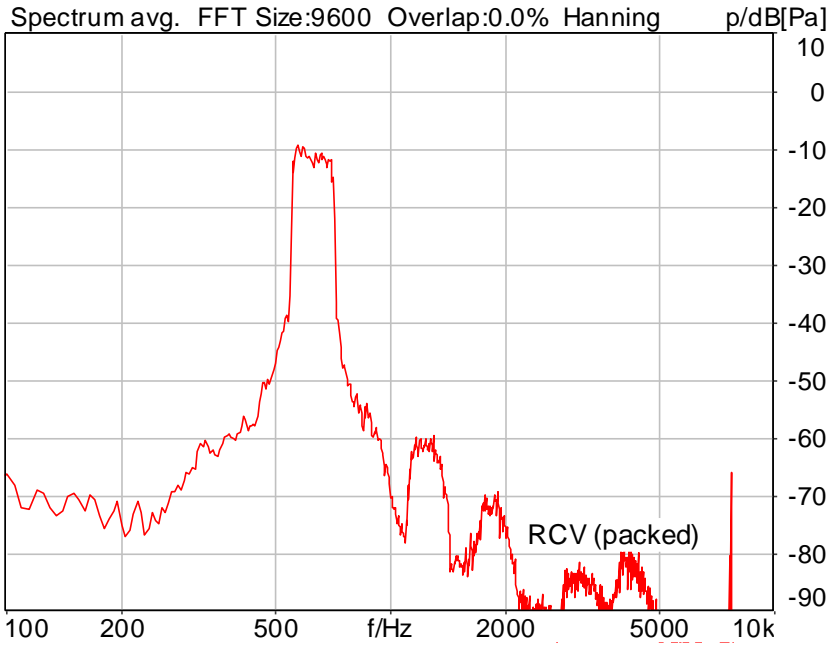
Limits

	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): 38.45 dB (1.20%) Ok

Ok

2023/10/21 下午 03:15 ACQUA 5.1.200

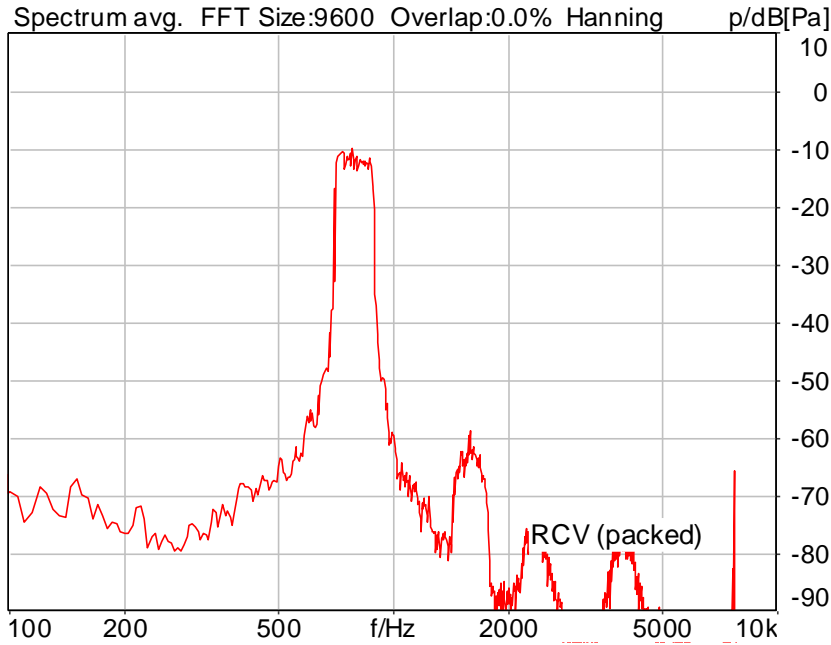
Limits

	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): 41.19 dB (0.87%) Ok

**Ok**

2023/10/21 下午 03:15 ACQUA 5.1.200

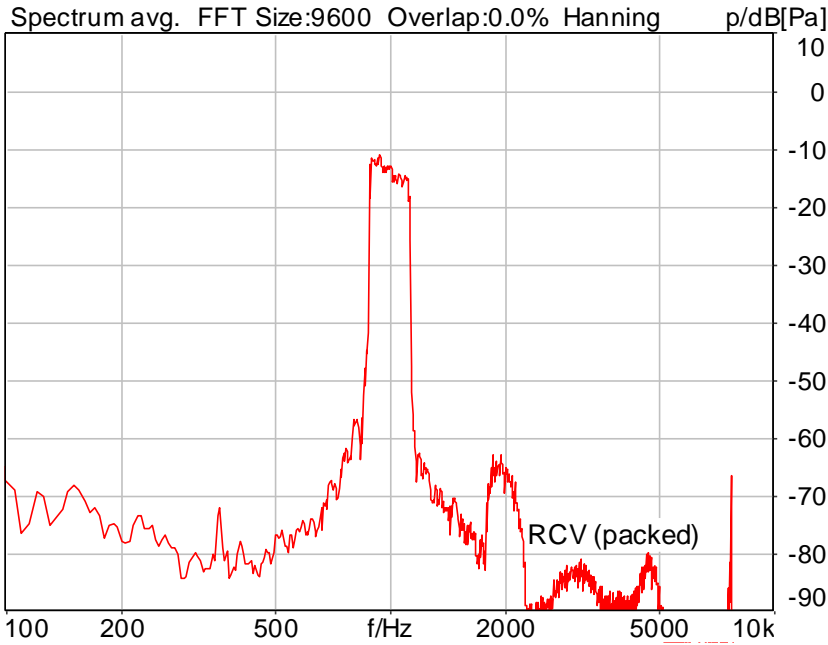
**Limits**

	<b>lower</b>
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): 45.43 dB (0.54%) Ok

Ok

2023/10/21 下午 03:16 ACQUA 5.1.200

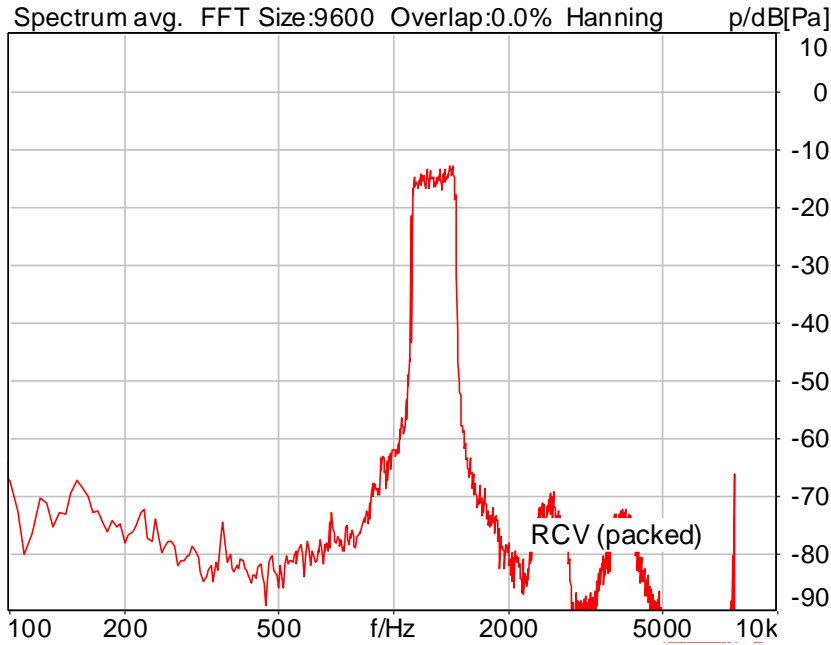
Limits

	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): 33.02 dB (2.23%) Ok

Ok

2023/10/21 下午 03:16 ACQUA 5.1.200

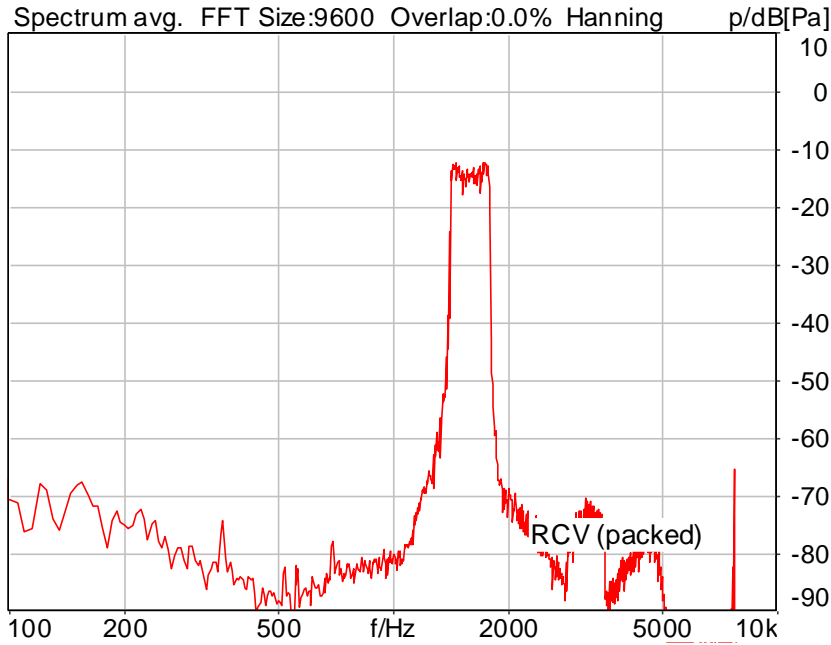
Limits

	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): 44.96 dB (0.56%) Ok

Ok

2023/10/21 下午 03:17 ACQUA 5.1.200

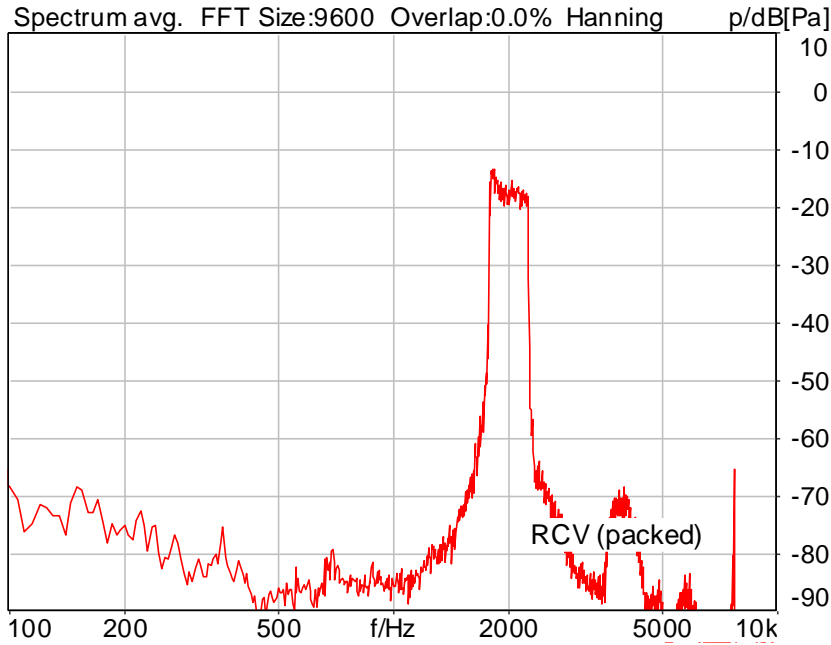
Limits

	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): 42.19 dB (0.78%) Ok

Ok

2023/10/21 下午 03:17 ACQUA 5.1.200

Limits

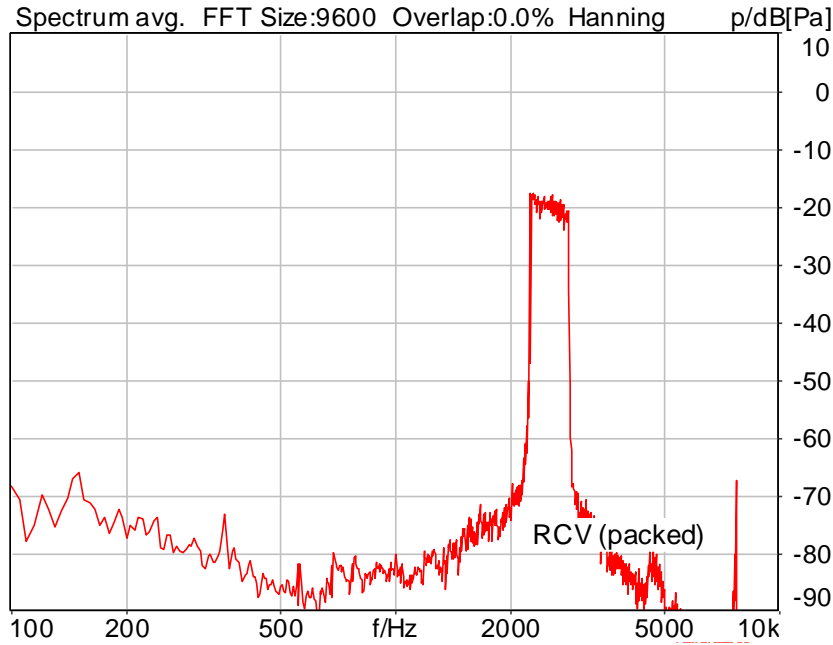
	lower
Run 1	20.00 dB





### 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): 45.99 dB (0.50%) Ok

**Ok**

2023/10/21 下午 03:18 ACQUA 5.1.200

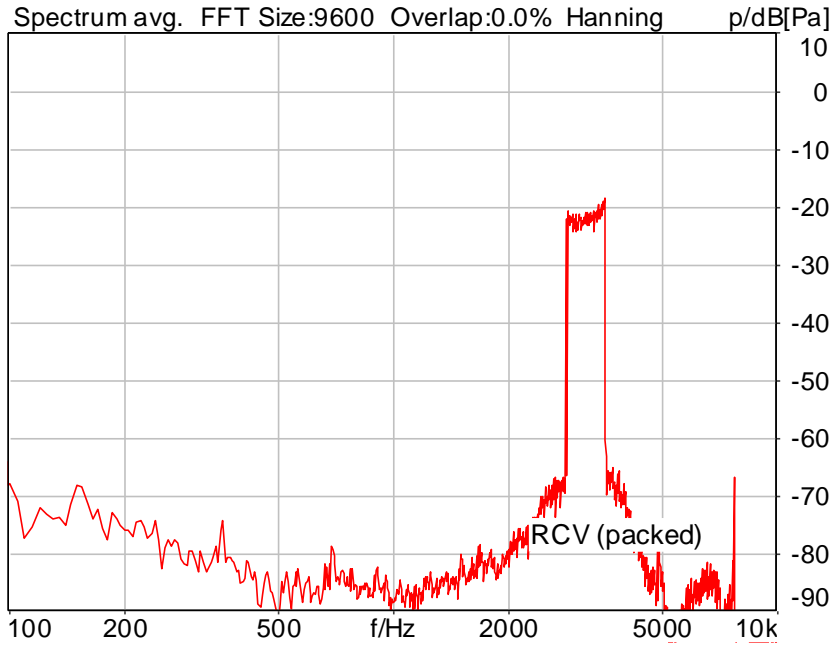
**Limits**

	<b>lower</b>
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): 44.28 dB (0.61%) Ok

Ok

2023/10/21 下午 03:18 ACQUA 5.1.200

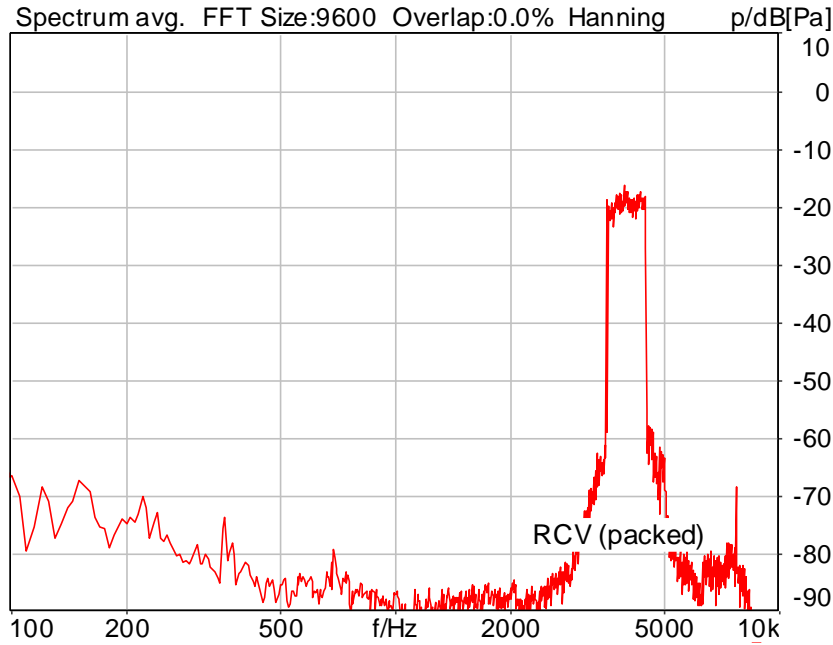
Limits

	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): 43.62 dB (0.66%) Ok

Ok

2023/10/21 下午 03:18 ACQUA 5.1.200

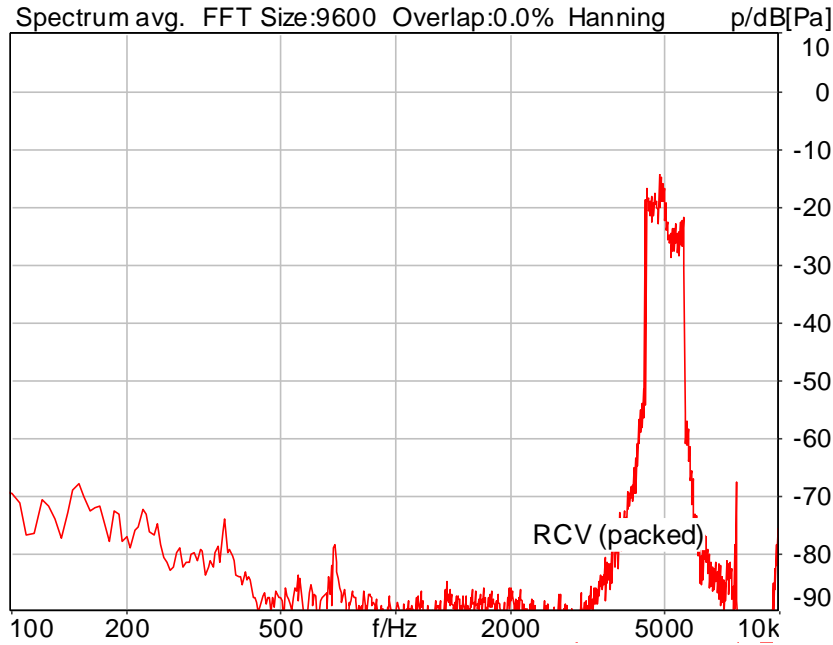
Limits

	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): 40.93 dB (0.90%) Ok

Ok

2023/10/21 下午 03:19 ACQUA 5.1.200

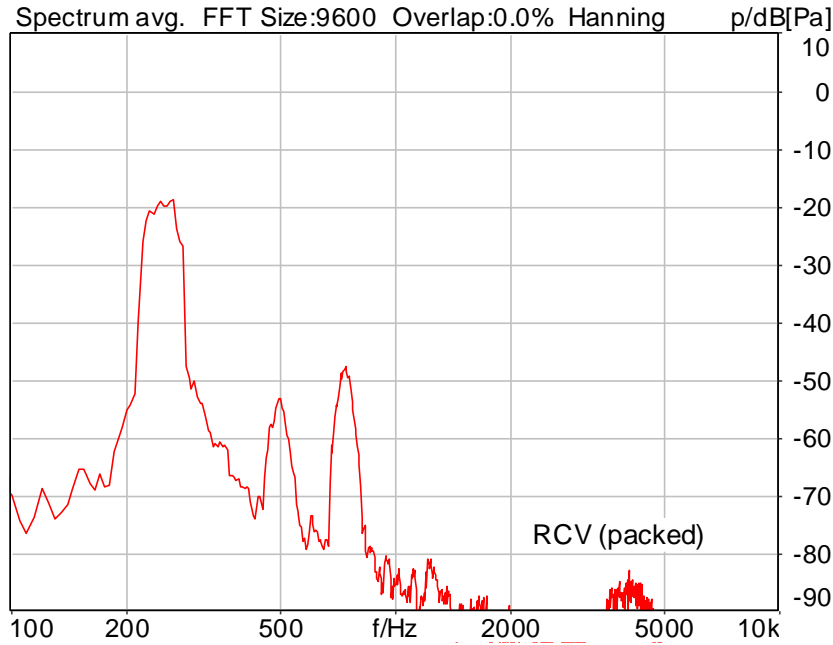
Limits

	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): 28.40 dB (3.80%) Ok

Ok

2023/10/21 下午 03:20 ACQUA 5.1.200

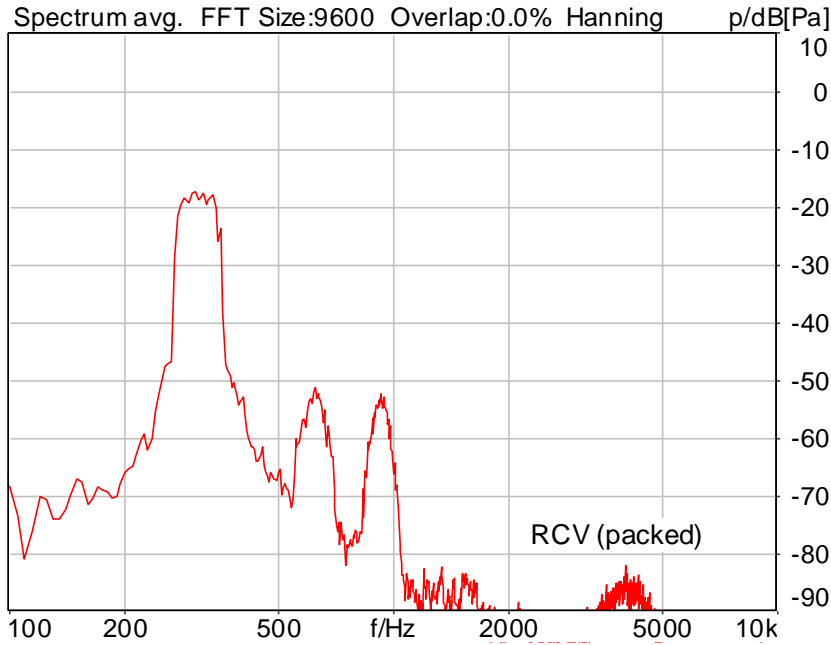
Limits

	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): 31.92 dB (2.53%) Ok

Ok

2023/10/21 下午 03:20 ACQUA 5.1.200

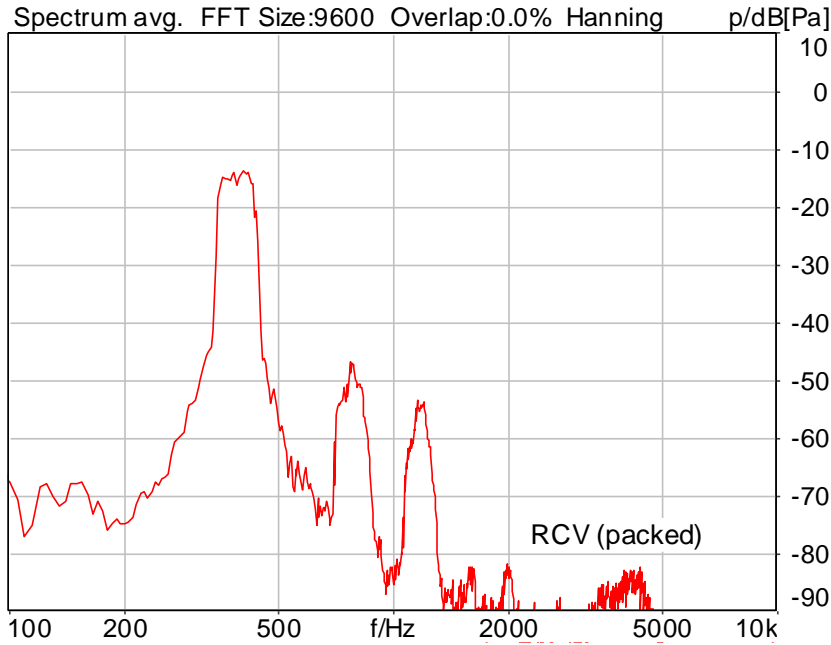
Limits

	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): 32.83 dB (2.28%) Ok

Ok

2023/10/21 下午 03:21 ACQUA 5.1.200

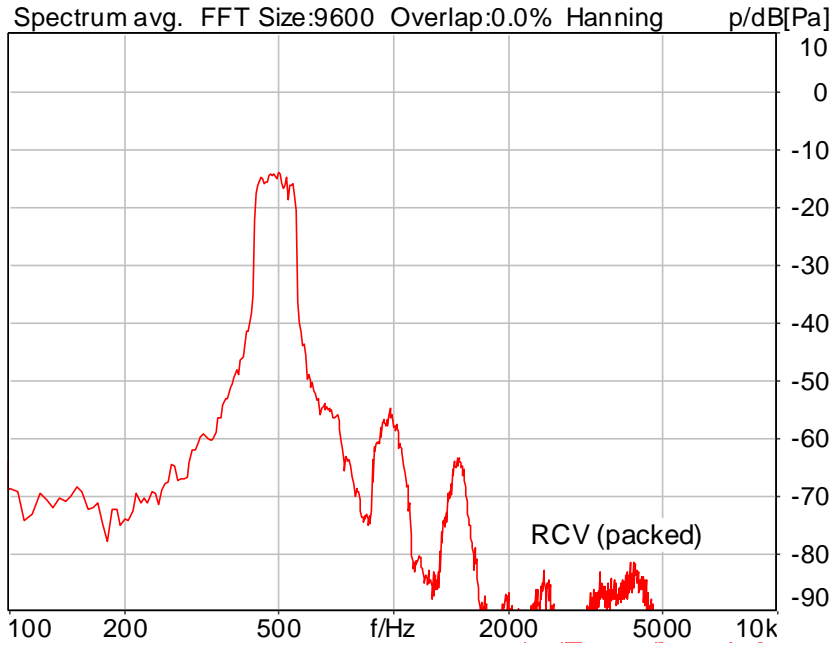
Limits

	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): 35.68 dB (1.65%) Ok

Ok

2023/10/21 下午 03:21 ACQUA 5.1.200

Limits

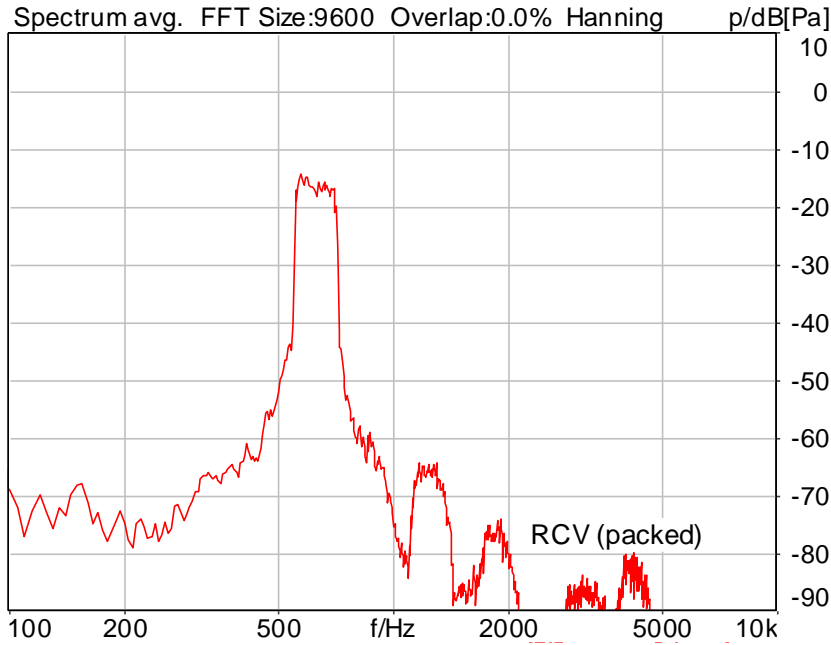
	lower
Run 1	20.00 dB





### 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): 38.60 dB (1.17%) Ok

Ok

2023/10/21 下午 03:22 ACQUA 5.1.200

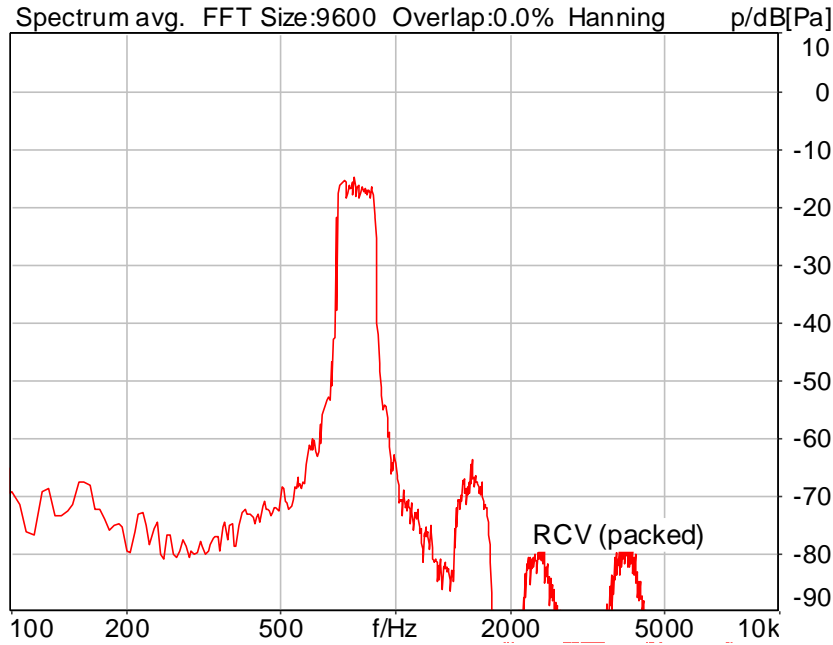
Limits

	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): 41.06 dB (0.88%) Ok

Ok

2023/10/21 下午 03:22 ACQUA 5.1.200

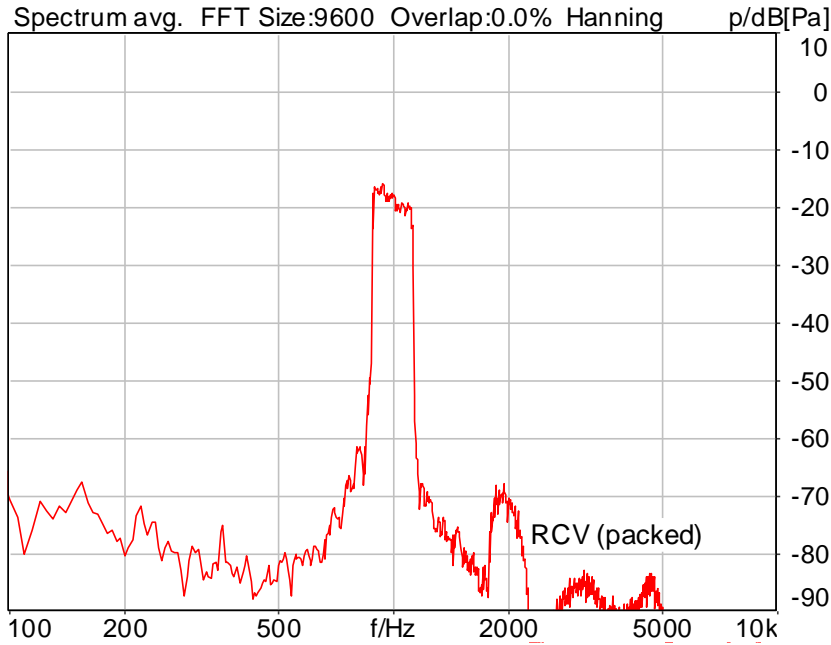
Limits

	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): 45.43 dB (0.54%) Ok

**Ok**

2023/10/21 下午 03:23 ACQUA 5.1.200

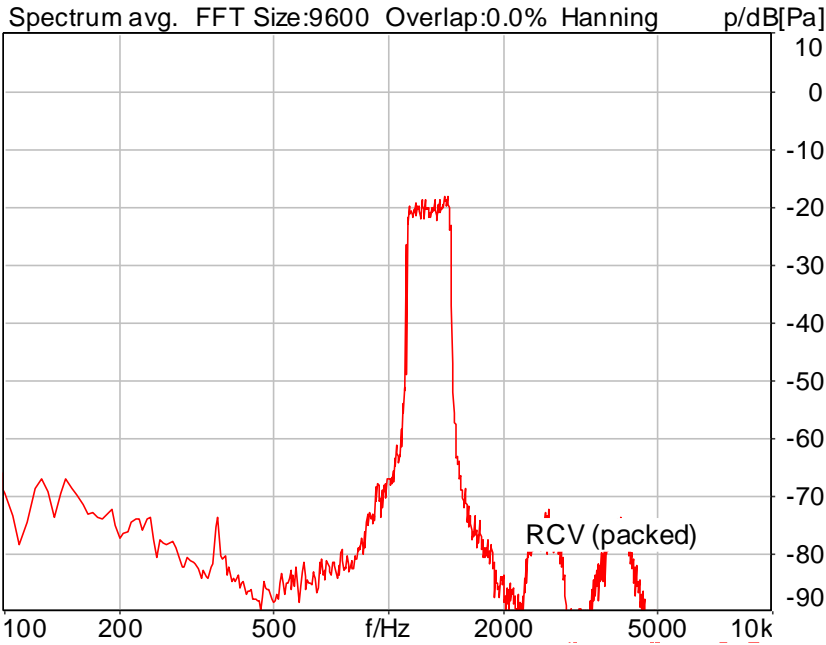
**Limits**

	<b>lower</b>
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): 32.88 dB (2.27%) Ok

Ok

2023/10/21 下午 03:23 ACQUA 5.1.200

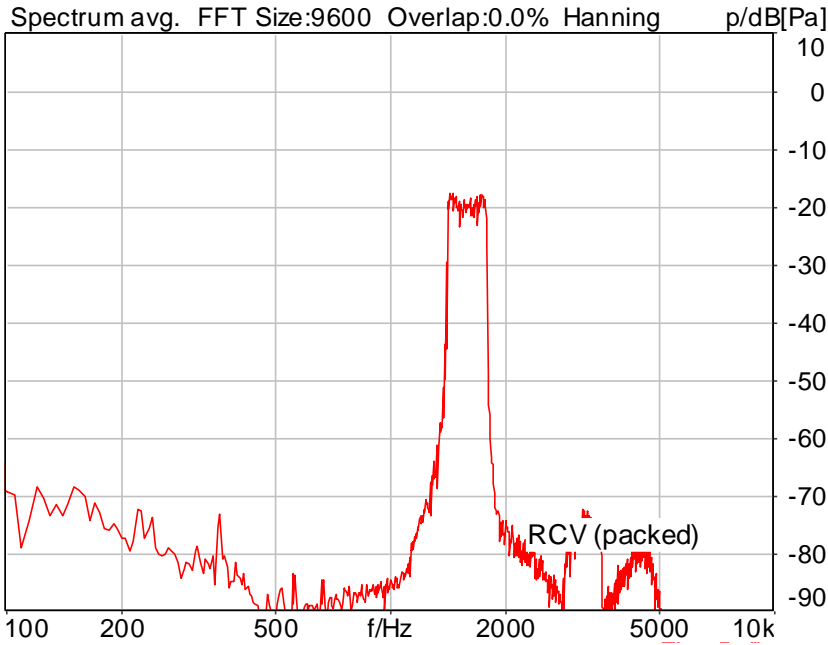
Limits

	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



Ok

2023/10/21 下午 03:24 ACQUA 5.1.200

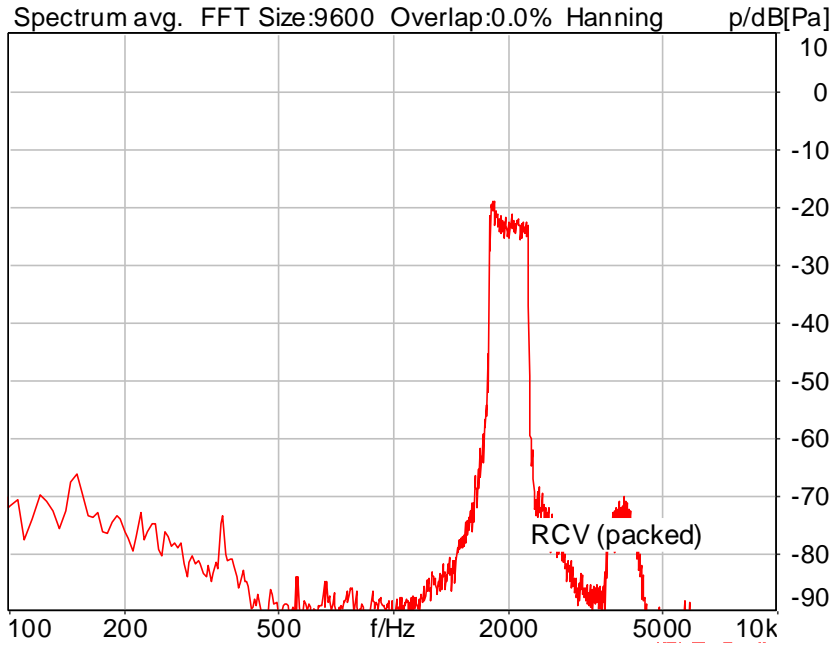
Limits

	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): 41.27 dB (0.86%) Ok

Ok

2023/10/21 下午 03:24 ACQUA 5.1.200

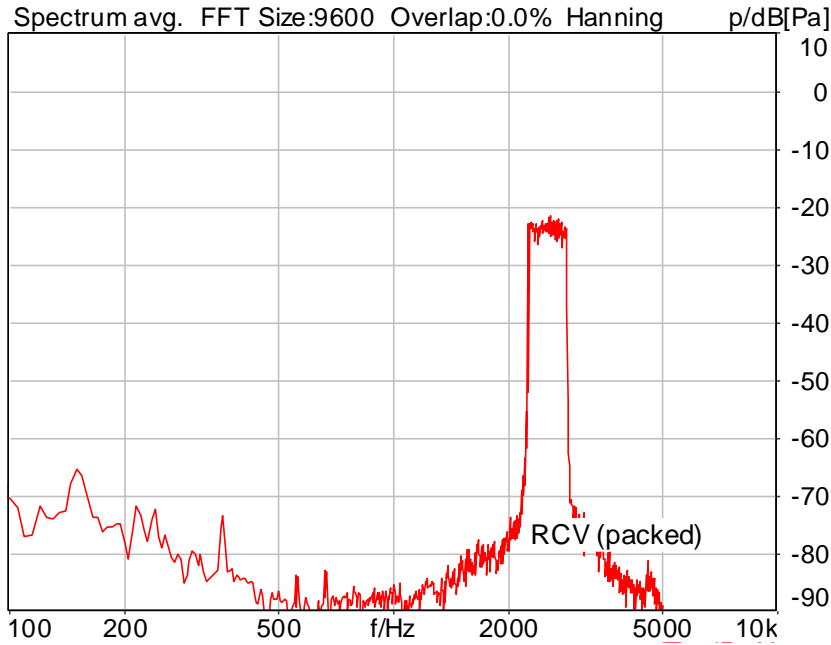
Limits

	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): 46.05 dB (0.50%) Ok

Ok

2023/10/21 下午 03:25 ACQUA 5.1.200

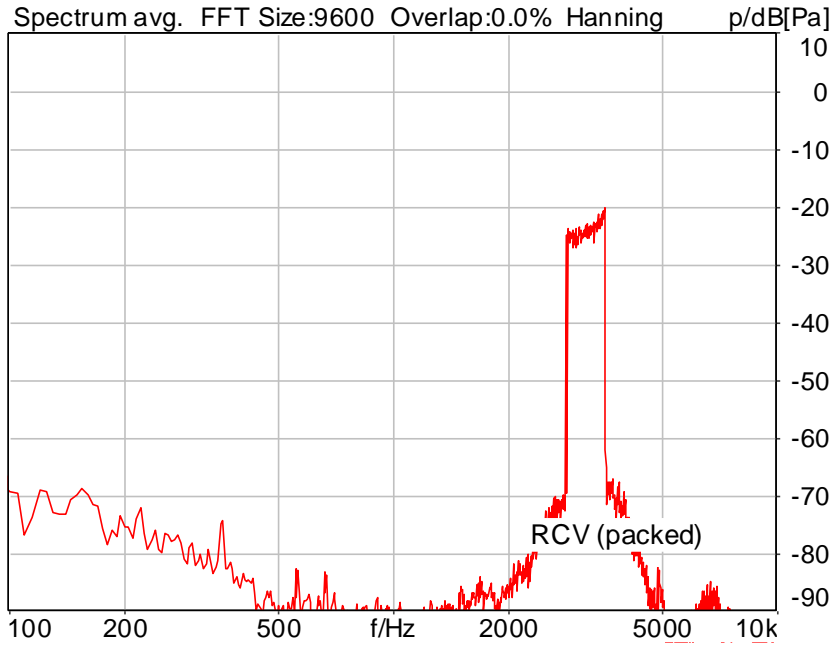
Limits

	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): 44.92 dB (0.57%) Ok

Ok

2023/10/21 下午 03:25 ACQUA 5.1.200

Limits

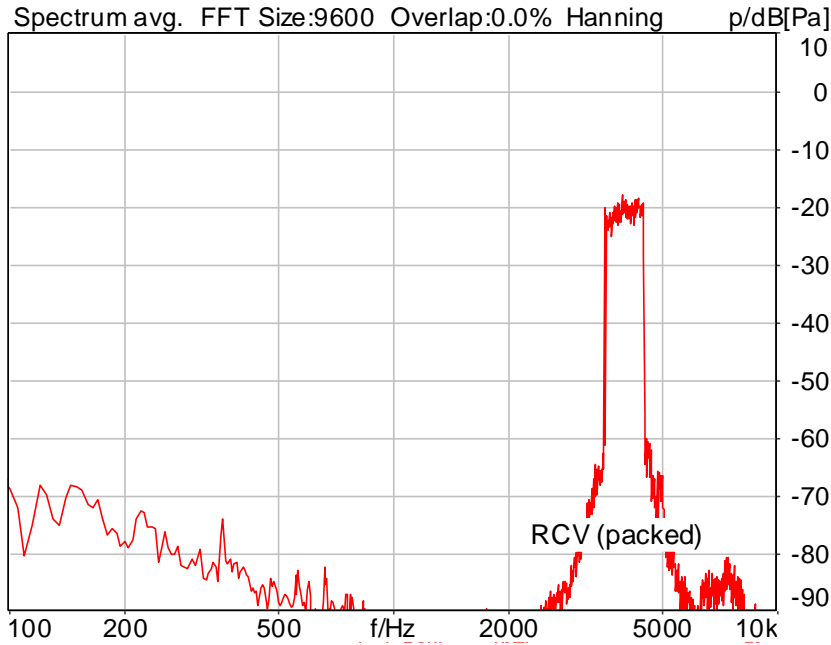
	lower
Run 1	20.00 dB





### 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): 44.82 dB (0.57%) Ok

Ok

2023/10/21 下午 03:26 ACQUA 5.1.200

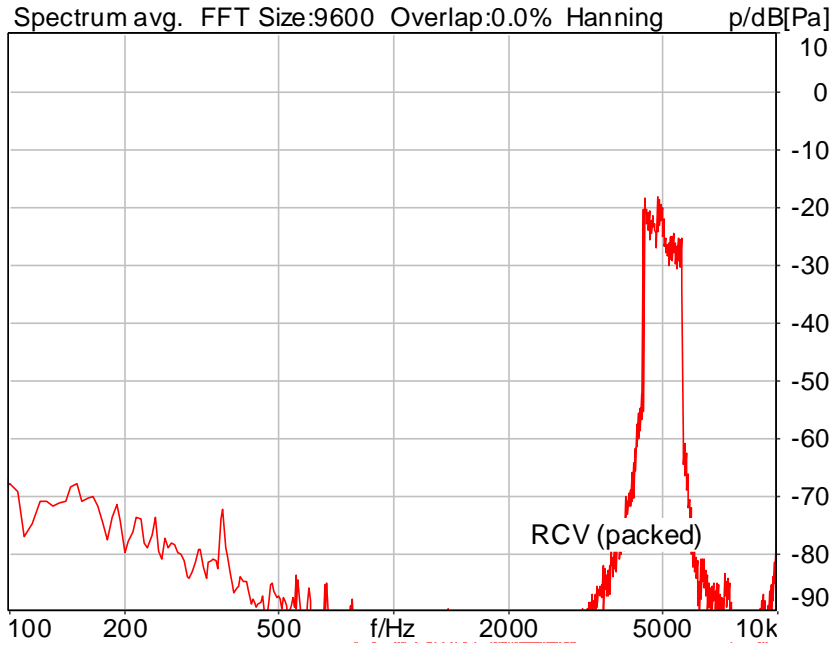
Limits

	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): 39.41 dB (1.07%) Ok

Ok

2023/10/21 下午 03:26 ACQUA 5.1.200

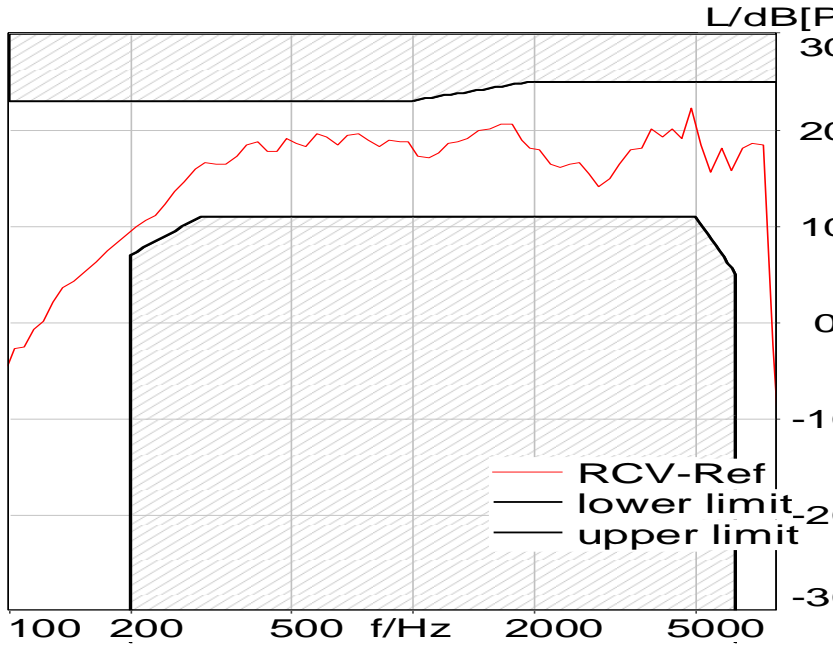
Limits

	lower
Run 1	20.00 dB



### 5.3 Frequency Response 8N FF

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



Absolute minimal distance  
2.69 dB at 205.7 Hz Ok

Ok

2023/10/21 下午 03:27 ACQUA 5.1.200

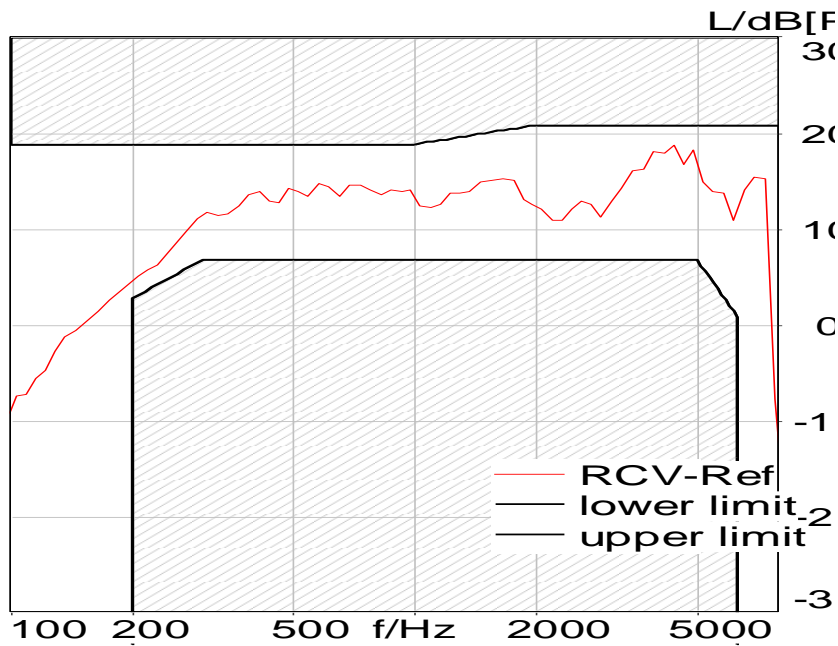
**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



### 5.3 Frequency Response 2N FF

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



Absolute minimal distance  
2.07 dB at 4369.4 Hz Ok

Ok

2023/10/21 下午 03:27 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



#11 NR n41 EVS WB 24.4Kbps

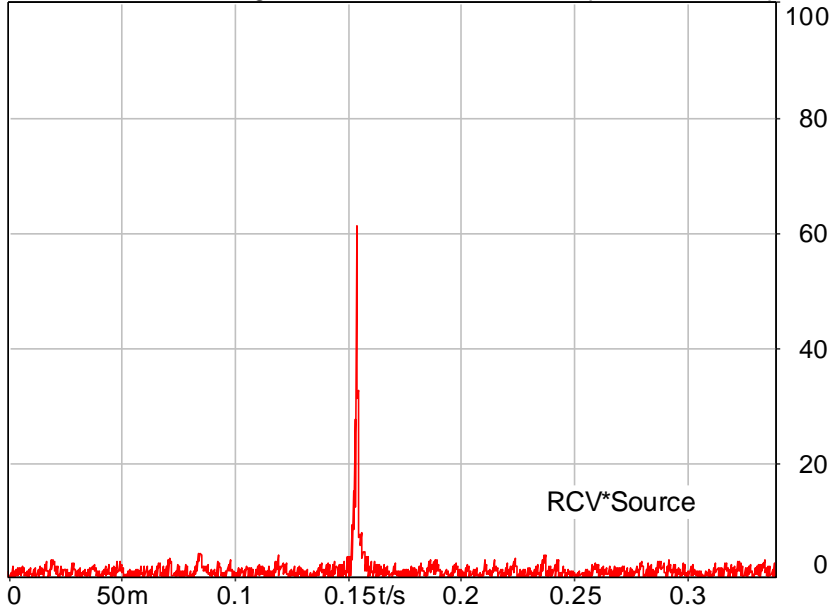
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	154.1
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	90.12
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	88.57
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.37
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.79
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.60
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.76
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.57
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.21
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.77
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.86
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	42.92
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.23
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.53
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.73
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	40.52
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.24
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.93
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	35.73
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.37
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.17
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.69
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.94
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.17
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.25
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.12
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.06
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.78
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	39.43
5.3 Frequency Response 8N FF	Ok	Min. dist. to tolerance scheme [dB], 731.5 Hz	2.95
5.3 Frequency Response 2N FF	Ok	Min. dist. to tolerance scheme [dB], 230.2 Hz	2.30



### Overall Receive Delay WB

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

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



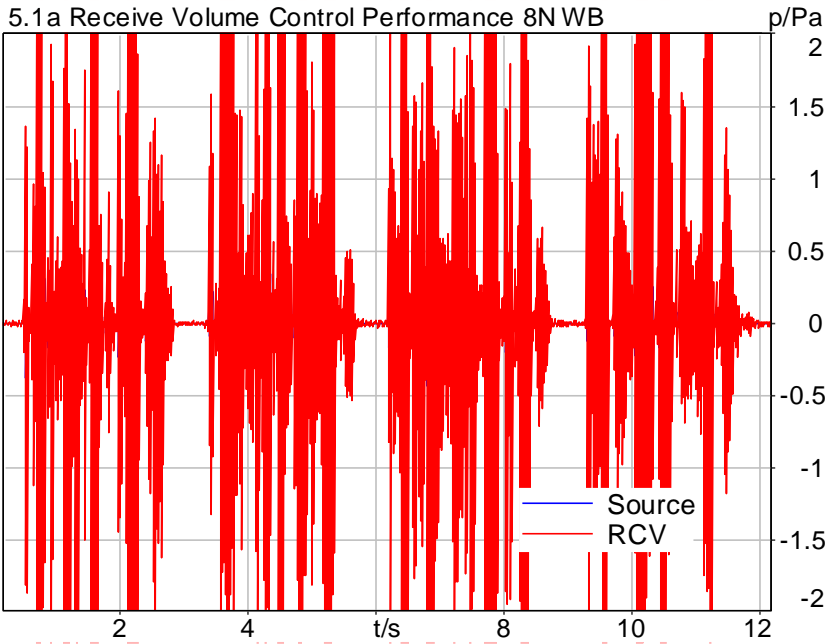
Delay (Cross): 154.1 ms

2023/10/21 下午 06:20 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 90.12 dB[SPL], Act.: 59.61% Ok

Ok

2023/10/21 下午 06:20 ACQUA 5.1.200

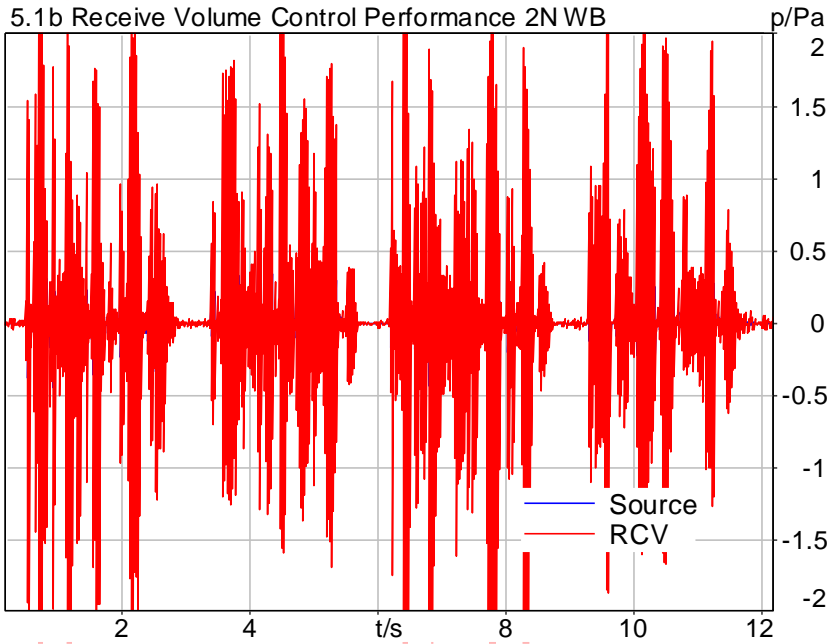
**Limits**

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 88.57 dB[SPL], Act.: 29.63% Ok

Ok

2023/10/21 下午 06:21 ACQUA 5.1.200

Limits

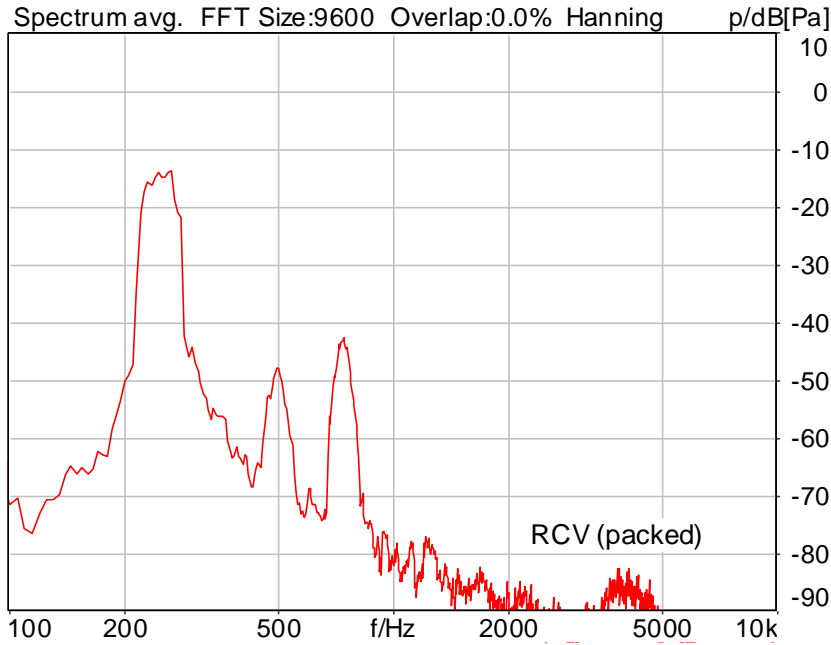
	lower
Run 1	76.00 dB20uPa





### 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): 28.37 dB (3.81%) Ok

Ok

2023/10/21 下午 06:22 ACQUA 5.1.200

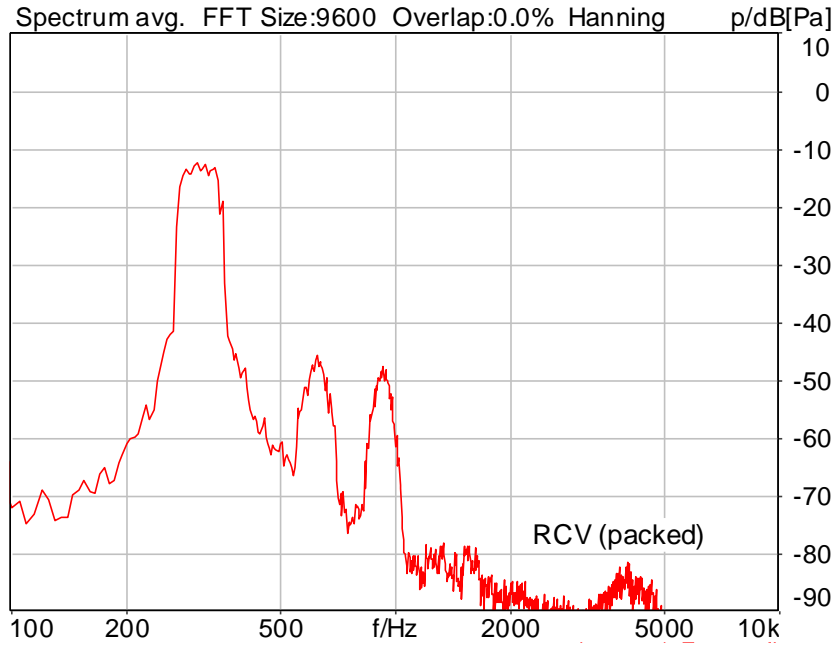
Limits

	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): 31.79 dB (2.57%) Ok

Ok

2023/10/21 下午 06:22 ACQUA 5.1.200

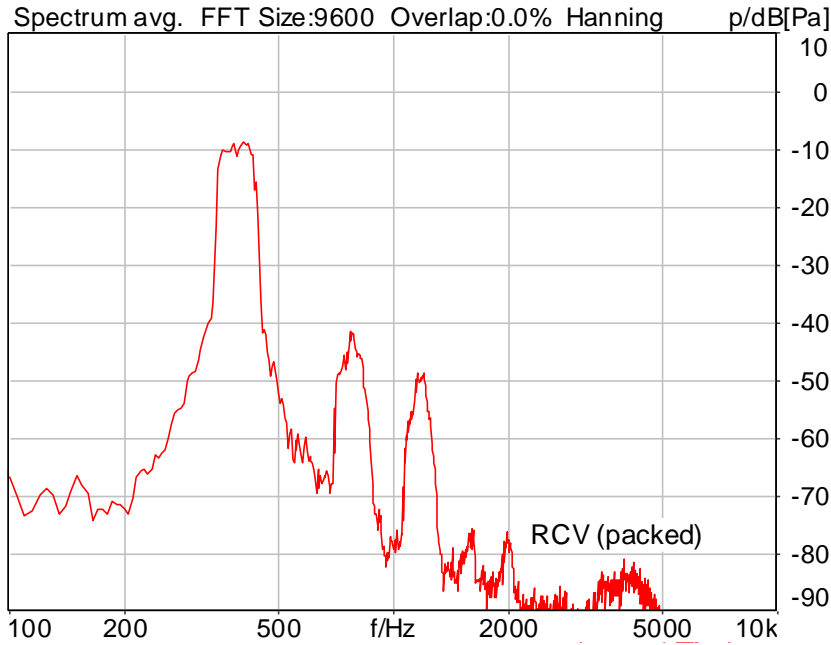
Limits

	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): 32.60 dB (2.34%) Ok

Ok

2023/10/21 下午 06:23 ACQUA 5.1.200

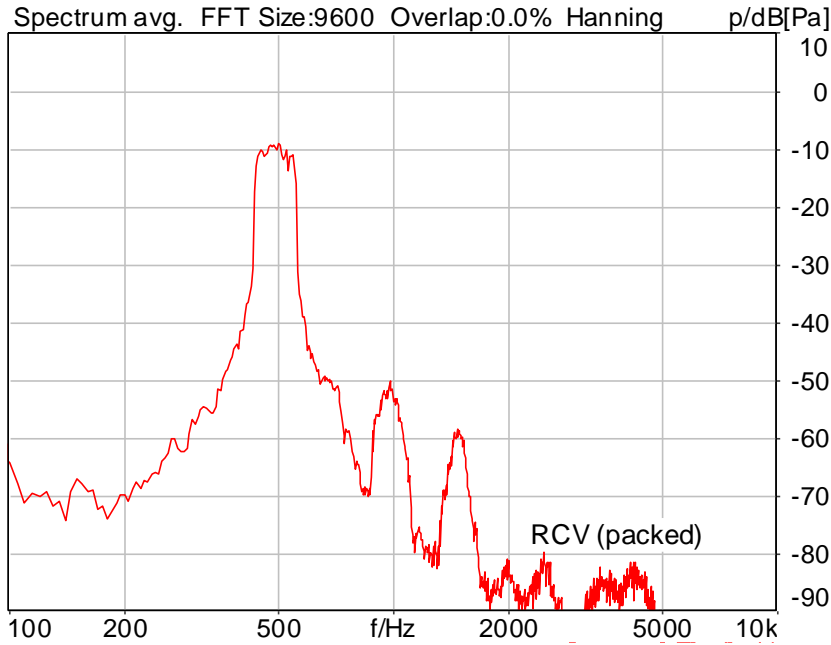
Limits

	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): 35.76 dB (1.63%) Ok

Ok

2023/10/21 下午 06:23 ACQUA 5.1.200

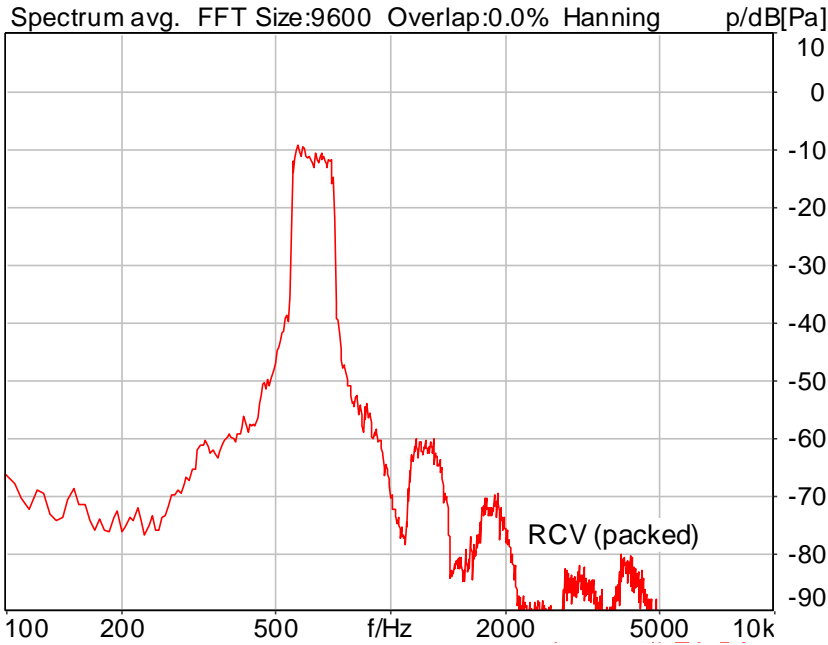
Limits

	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): 38.57 dB (1.18%) Ok

Ok

2023/10/21 下午 06:24 ACQUA 5.1.200

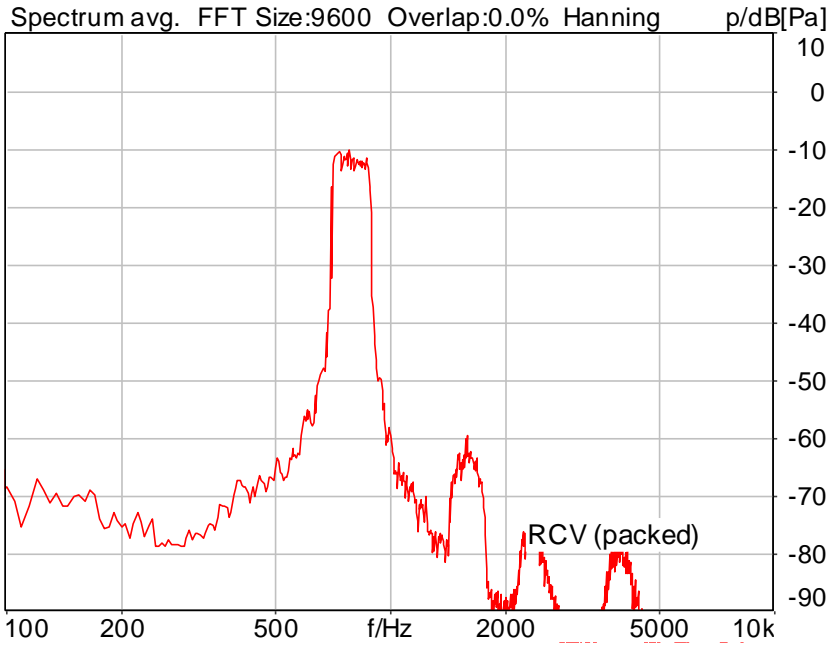
Limits

	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): 41.21 dB (0.87%) Ok

Ok

2023/10/21 下午 06:24 ACQUA 5.1.200

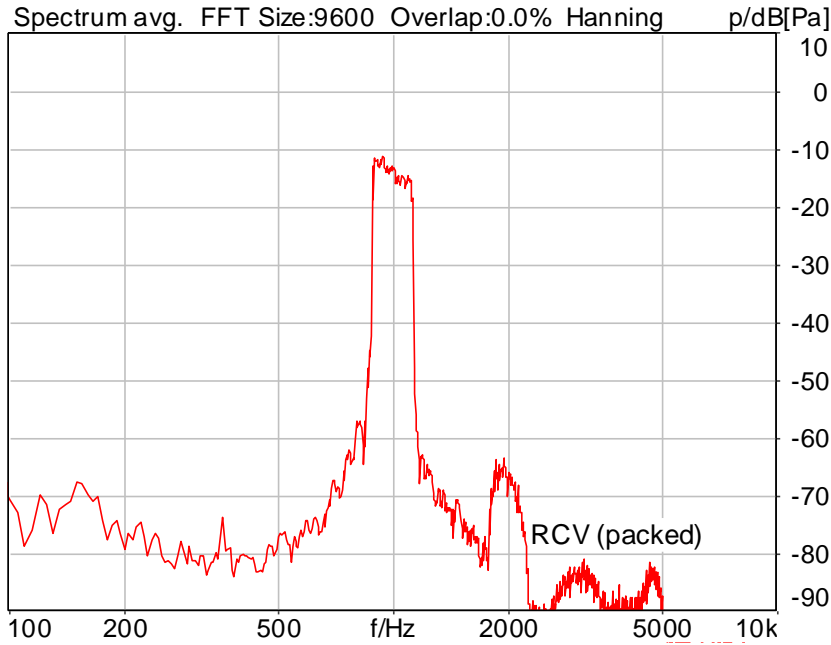
Limits

	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): 45.77 dB (0.51%) Ok

Ok

2023/10/21 下午 06:25 ACQUA 5.1.200

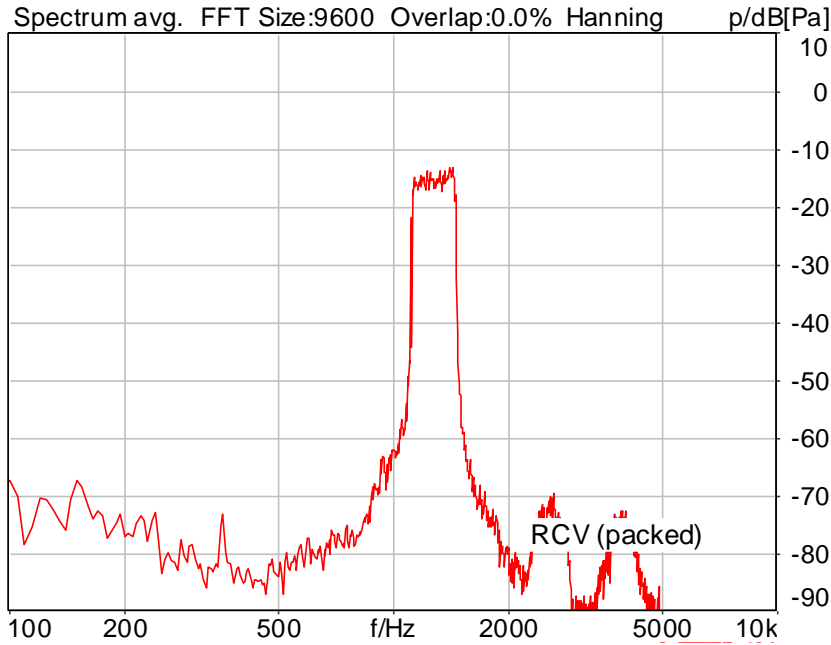
Limits

	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): 32.86 dB (2.27%) Ok

Ok

2023/10/21 下午 06:25 ACQUA 5.1.200

Limits

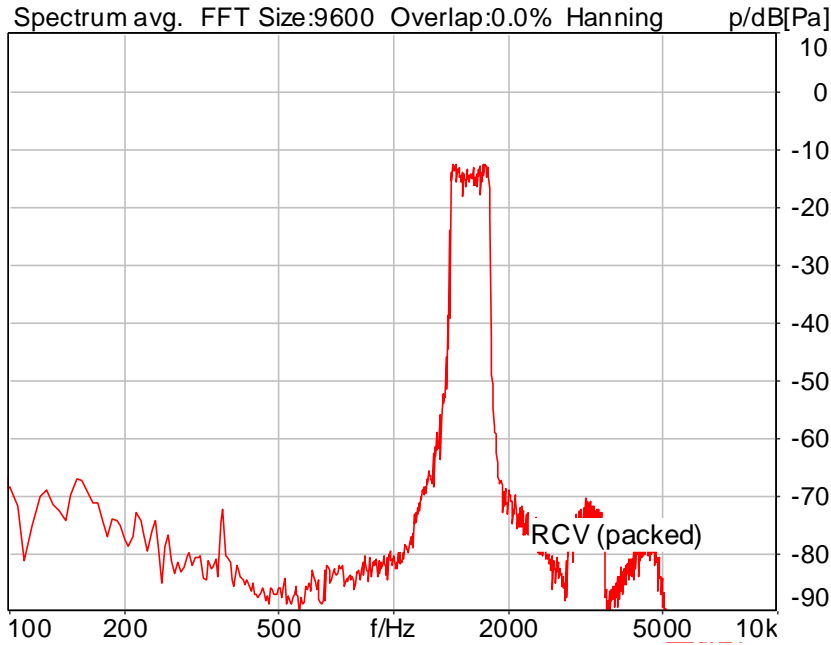
	lower
Run 1	20.00 dB





### 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**

2023/10/21 下午 06:26 ACQUA 5.1.200

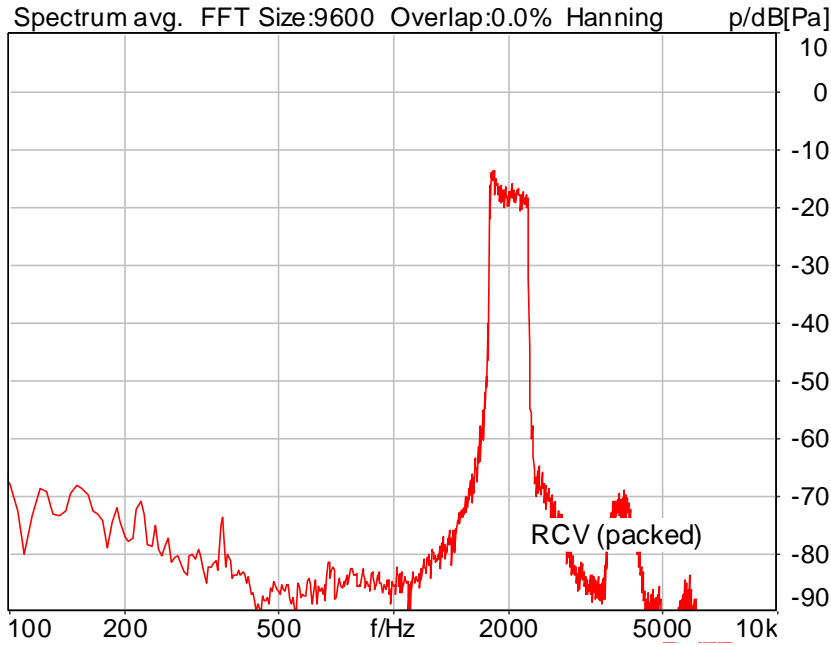
**Limits**

	<b>lower</b>
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): 42.92 dB (0.71%) Ok

**Ok**

2023/10/21 下午 06:26 ACQUA 5.1.200

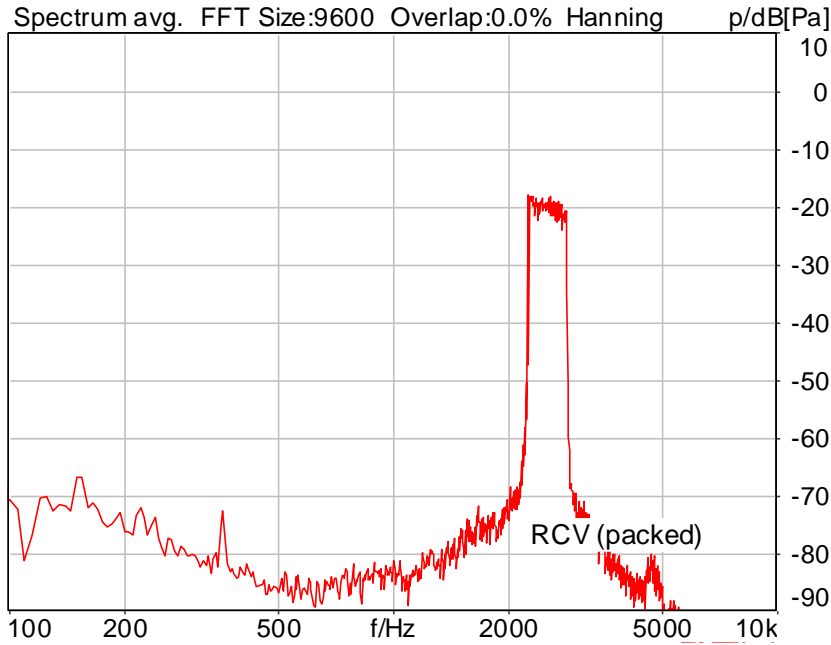
**Limits**

	<b>lower</b>
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): 46.23 dB (0.49%) Ok

Ok

2023/10/21 下午 06:27 ACQUA 5.1.200

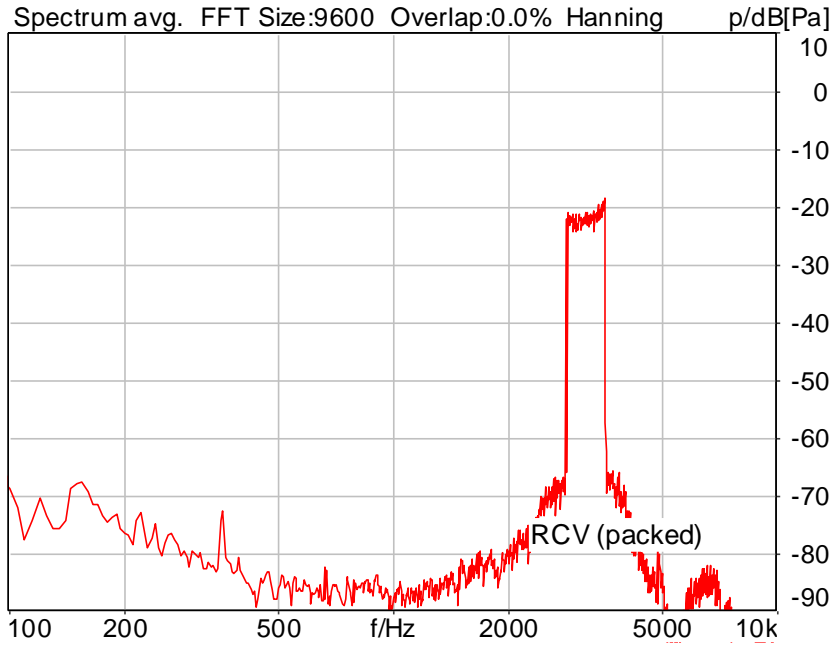
Limits

	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): 44.53 dB (0.59%) Ok

Ok

2023/10/21 下午 06:27 ACQUA 5.1.200

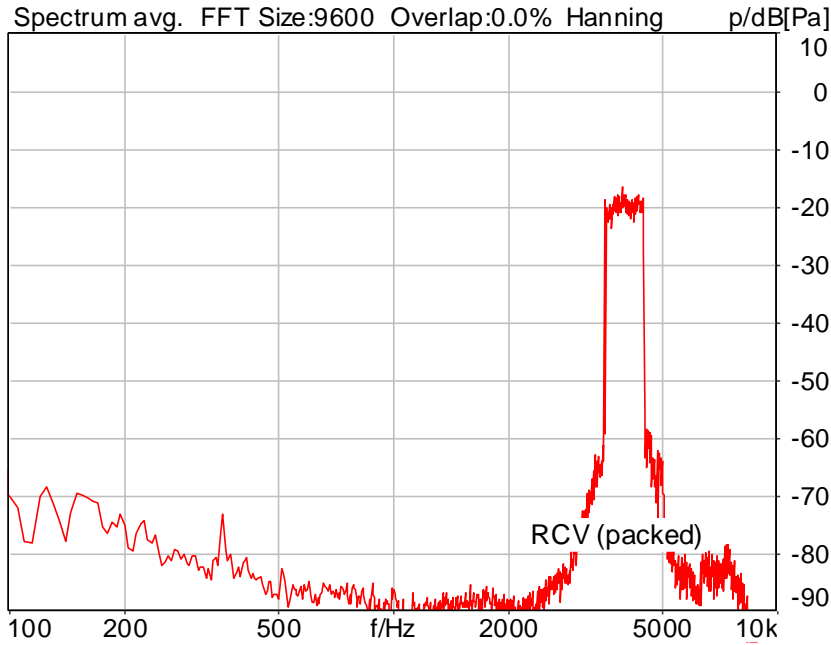
Limits

	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): 43.73 dB (0.65%) Ok

Ok

2023/10/21 下午 06:27 ACQUA 5.1.200

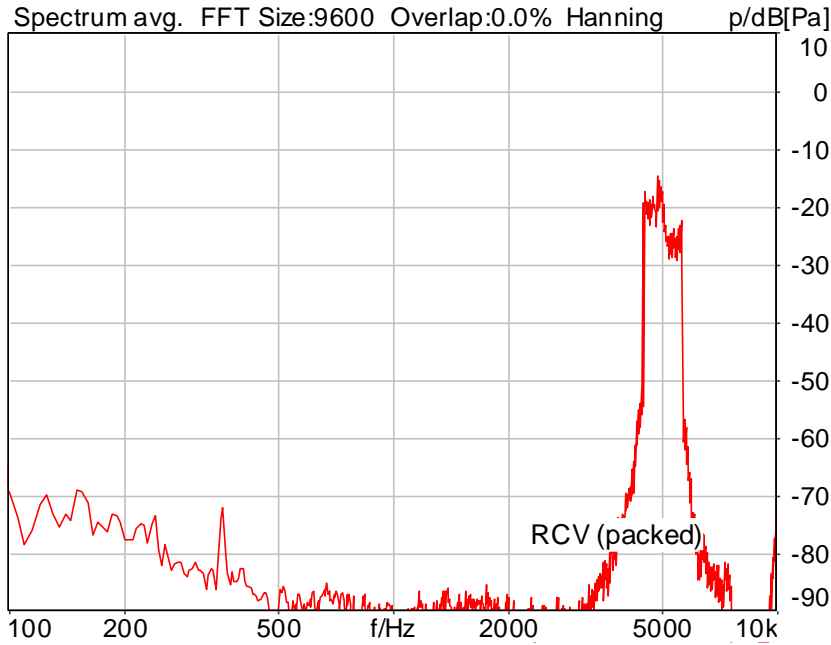
Limits

	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): 40.52 dB (0.94%) Ok

Ok

2023/10/21 下午 06:28 ACQUA 5.1.200

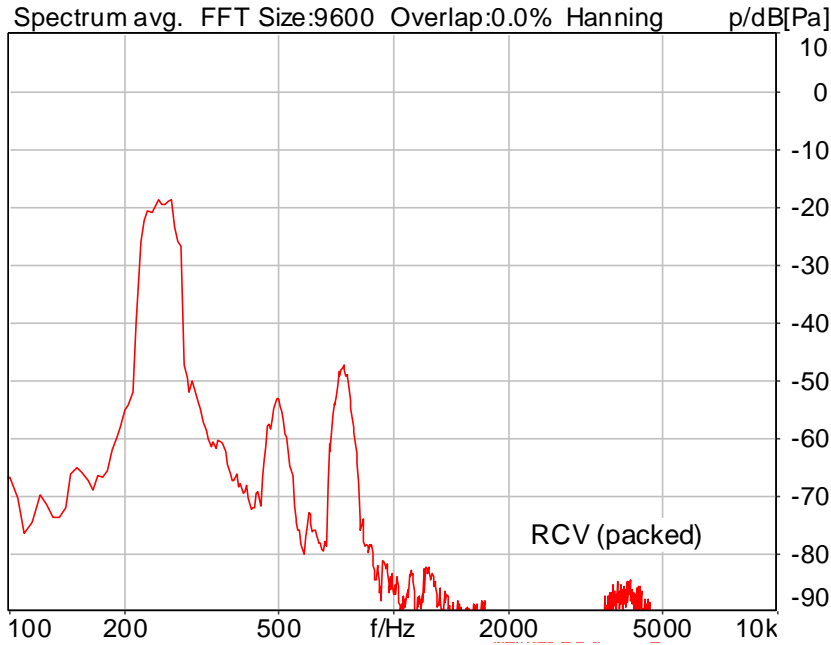
Limits

	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): 28.24 dB (3.87%) Ok

Ok

2023/10/21 下午 06:29 ACQUA 5.1.200

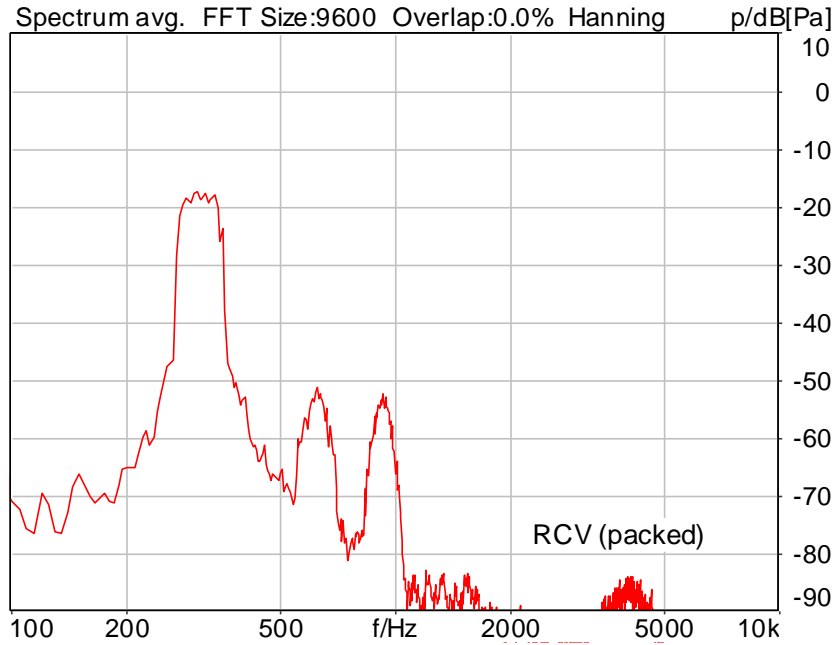
Limits

	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): 31.93 dB (2.53%) Ok

Ok

2023/10/21 下午 06:29 ACQUA 5.1.200

Limits

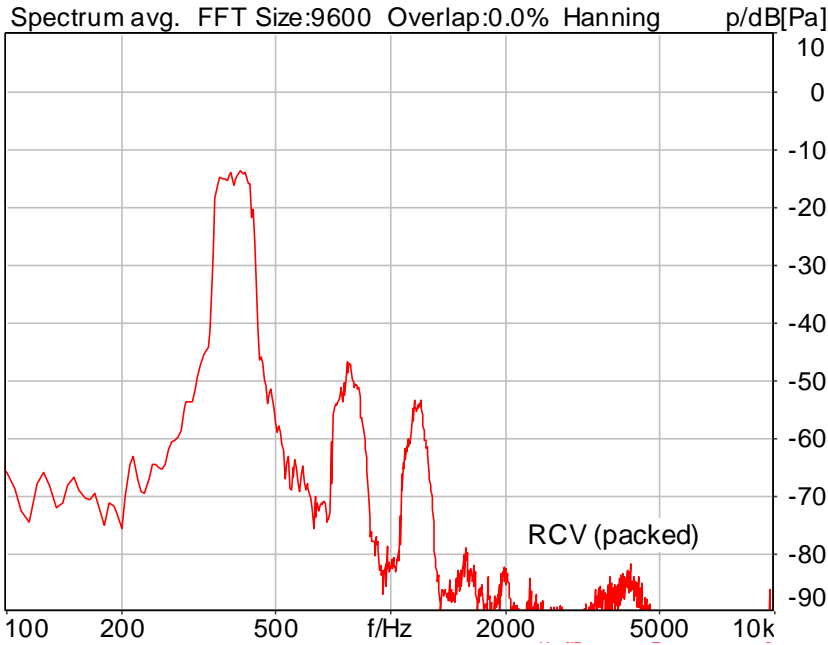
	lower
Run 1	20.00 dB





### 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): 32.85 dB (2.28%) Ok

Ok

2023/10/21 下午 06:30 ACQUA 5.1.200

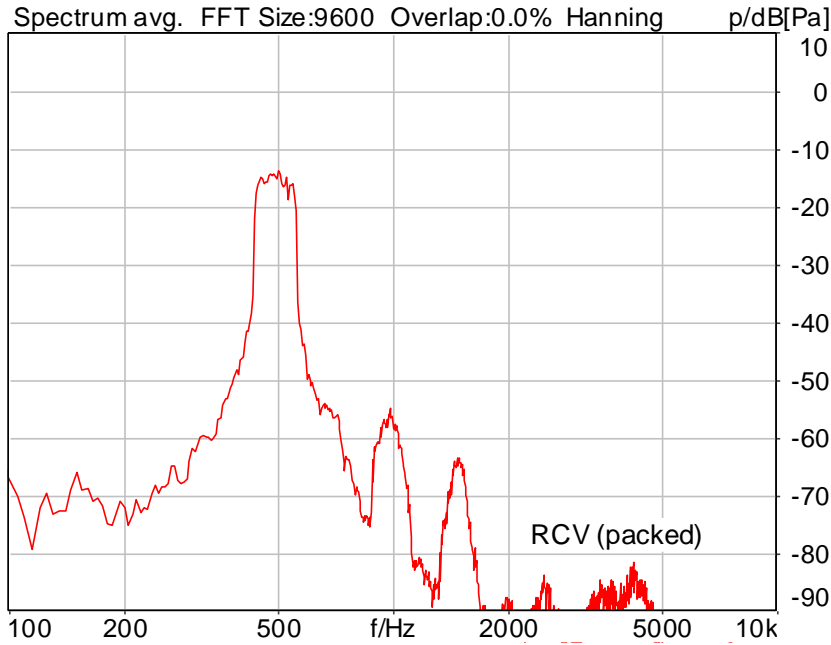
Limits

	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): 35.73 dB (1.64%) Ok

Ok

2023/10/21 下午 06:30 ACQUA 5.1.200

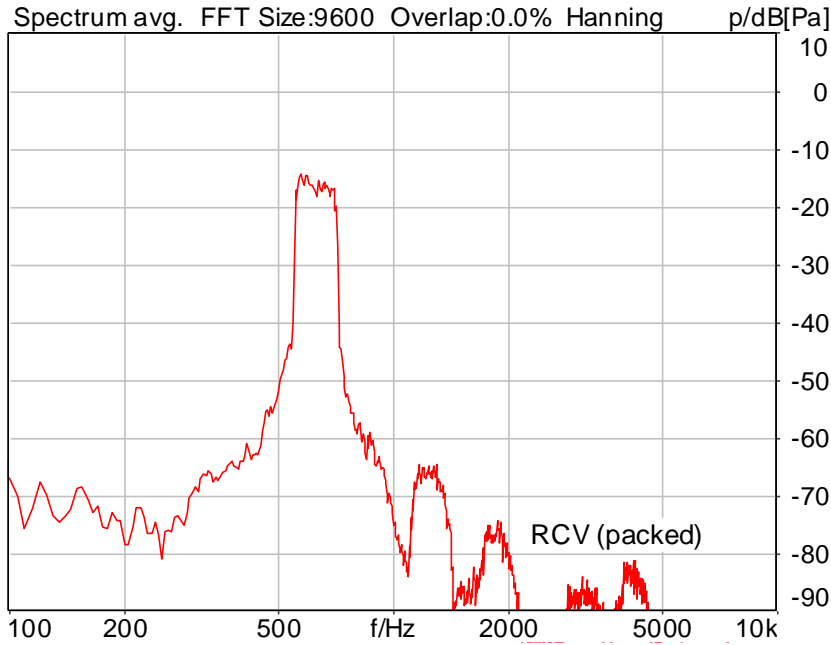
Limits

	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): 38.37 dB (1.21%) Ok

Ok

2023/10/21 下午 06:31 ACQUA 5.1.200

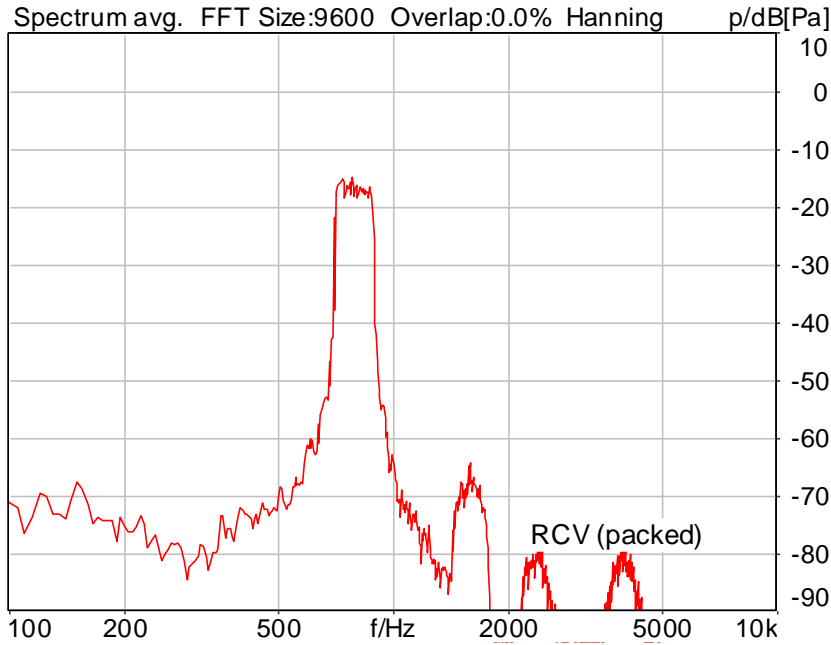
Limits

	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): 41.17 dB (0.87%) Ok

Ok

2023/10/21 下午 06:31 ACQUA 5.1.200

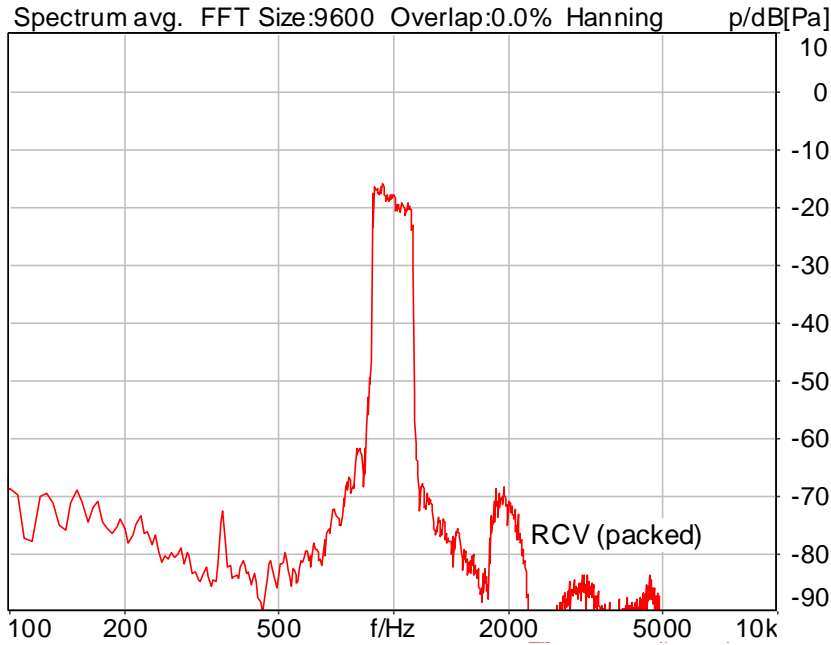
Limits

	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): 45.69 dB (0.52%) Ok

Ok

2023/10/21 下午 06:32 ACQUA 5.1.200

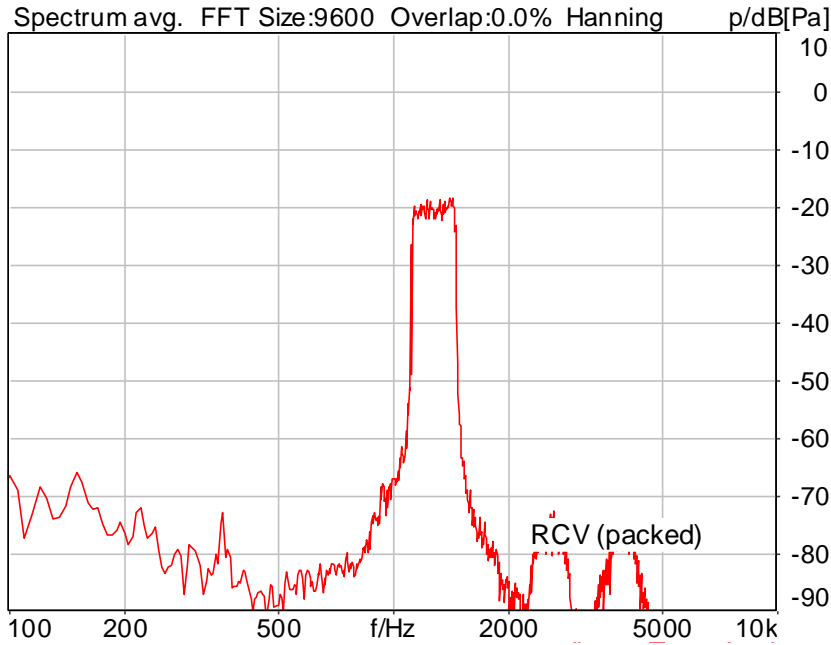
Limits

	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): 32.94 dB (2.26%) Ok

Ok

2023/10/21 下午 06:32 ACQUA 5.1.200

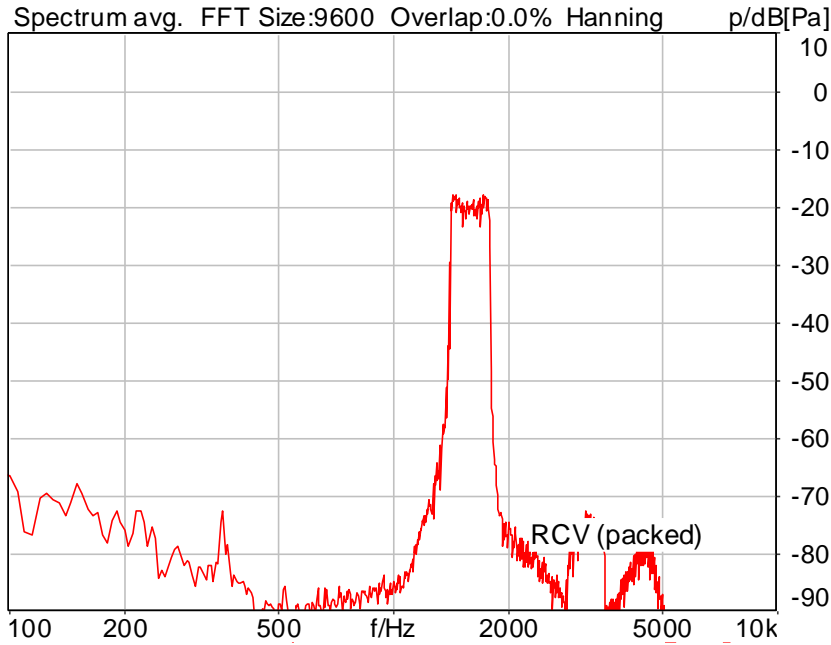
Limits

	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): 44.17 dB (0.62%) Ok

Ok

2023/10/21 下午 06:33 ACQUA 5.1.200

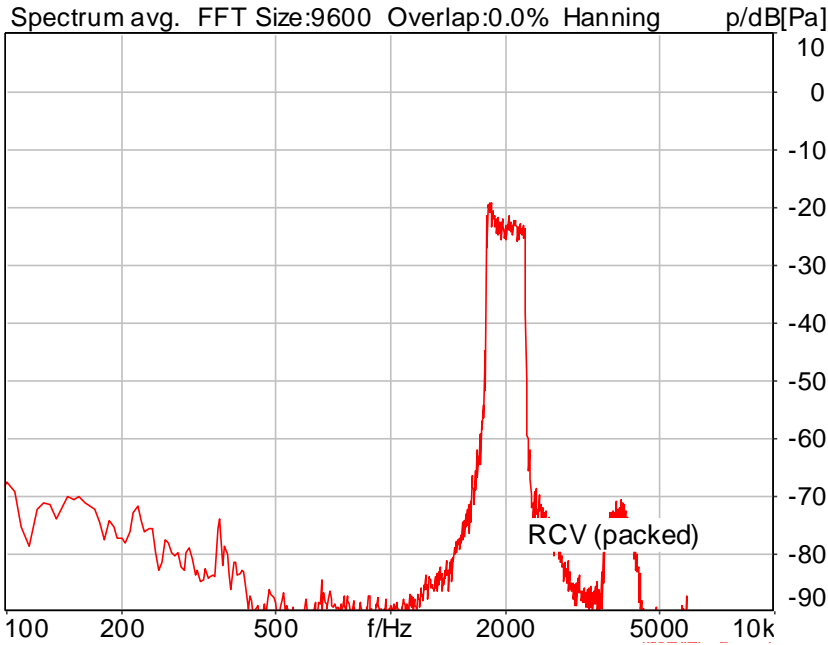
Limits

	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): 41.25 dB (0.87%) Ok

Ok

2023/10/21 下午 06:33 ACQUA 5.1.200

Limits

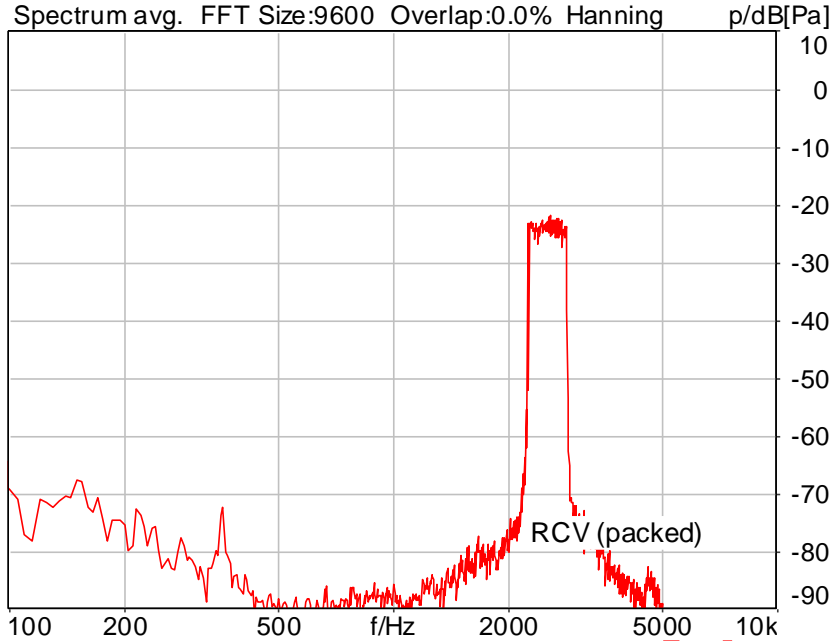
	lower
Run 1	20.00 dB





### 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): 46.12 dB (0.49%) Ok

Ok

2023/10/21 下午 06:34 ACQUA 5.1.200

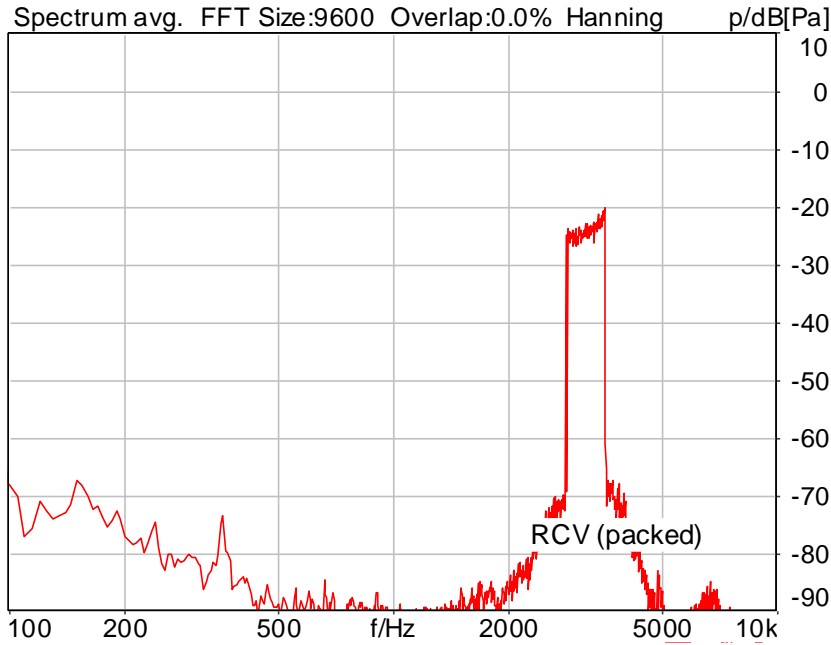
Limits

	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): 45.06 dB (0.56%) Ok

Ok

2023/10/21 下午 06:34 ACQUA 5.1.200

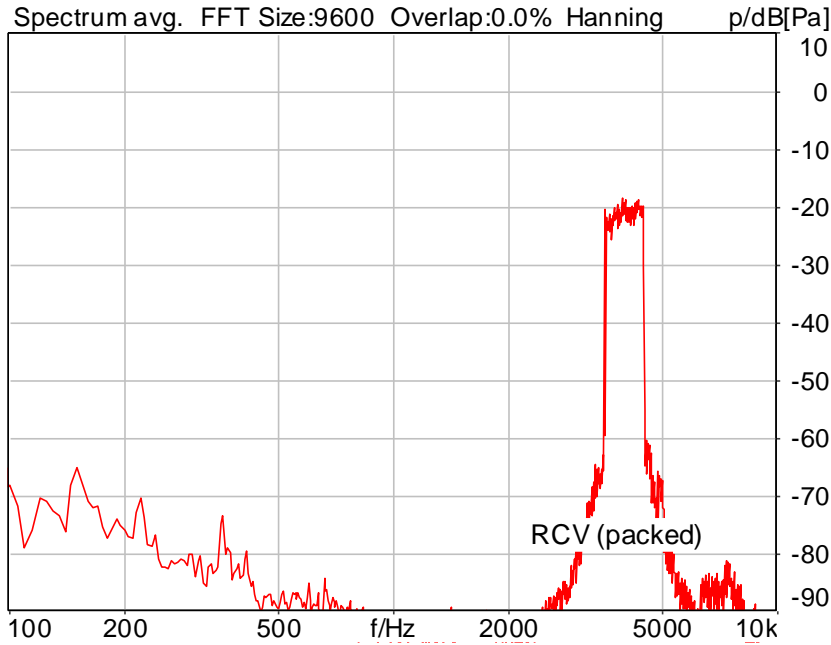
Limits

	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): 44.78 dB (0.58%) Ok

Ok

2023/10/21 下午 06:35 ACQUA 5.1.200

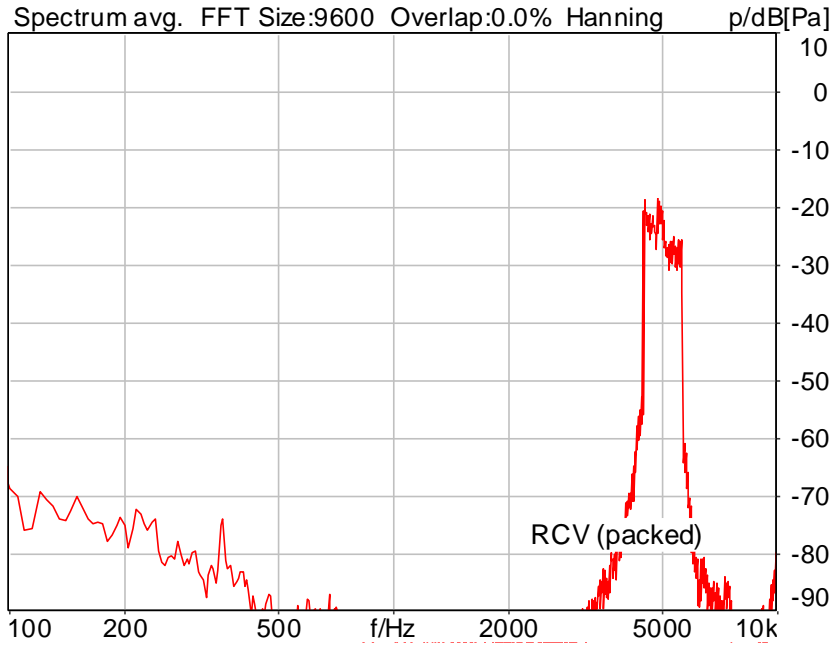
Limits

	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): 39.43 dB (1.07%) Ok

Ok

2023/10/21 下午 06:35 ACQUA 5.1.200

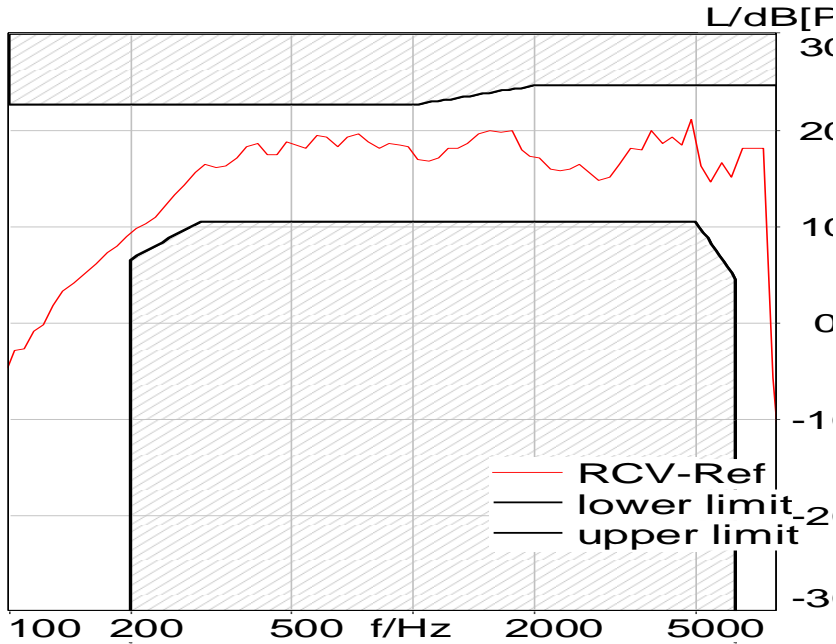
Limits

	lower
Run 1	20.00 dB



### 5.3 Frequency Response 8N FF

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



Absolute minimal distance  
2.95 dB at 731.5 Hz Ok

Ok

2023/10/21 下午 06:36 ACQUA 5.1.200

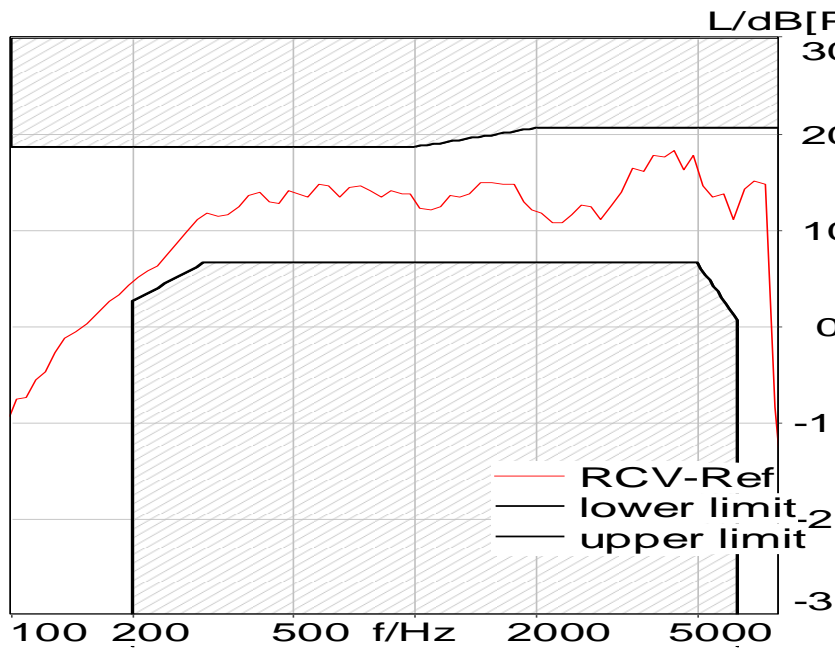
**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



### 5.3 Frequency Response 2N FF

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



Absolute minimal distance  
2.30 dB at 230.2 Hz Ok

Ok

2023/10/21 下午 06:37 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



#12 NR n66 EVS WB 24.4Kbps

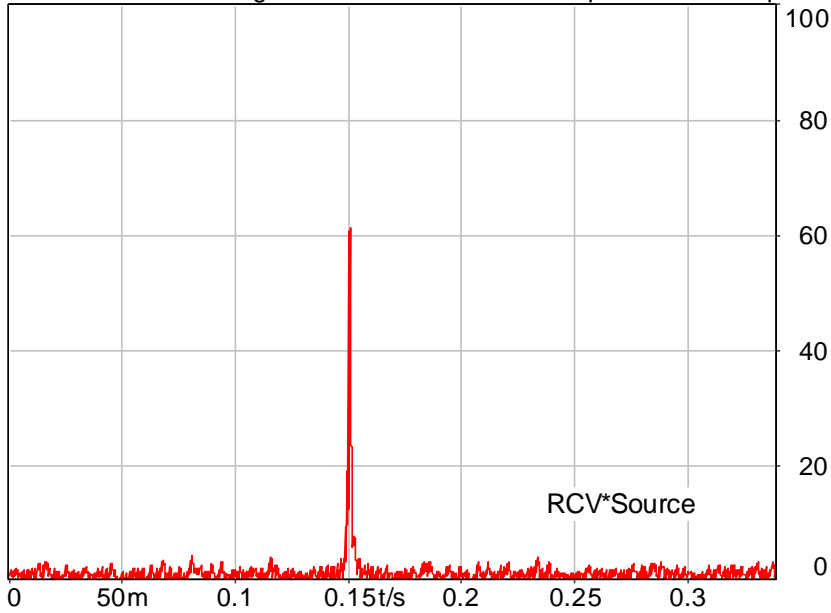
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	150.9
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	89.93
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	88.55
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.39
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.87
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.64
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.70
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.55
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.18
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.76
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.90
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.78
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	42.16
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.20
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.59
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.77
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	40.44
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.25
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.93
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.89
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.72
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.35
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.29
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.64
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.59
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.41
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.24
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.08
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.44
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.82
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	39.32
5.3 Frequency Response 8N FF	Ok	Min. dist. to tolerance scheme [dB], 576.7 Hz	3.03
5.3 Frequency Response 2N FF	Ok	Min. dist. to tolerance scheme [dB], 4369.4 Hz	2.32



### Overall Receive Delay WB

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

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



Delay (Cross): 150.9 ms

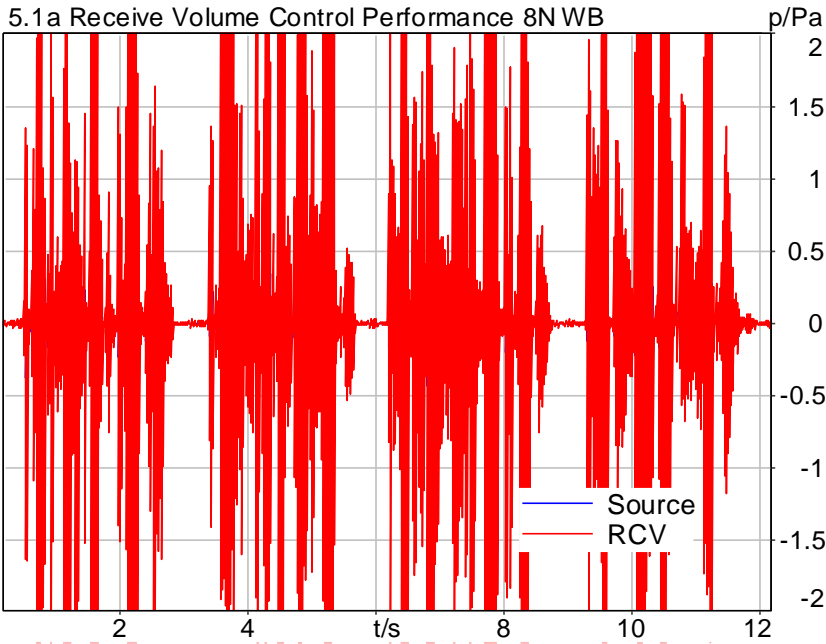
2023/10/21 下午 04:10 ACQUA 5.1.200





### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 89.93 dB[SPL], Act.: 60.21% Ok

Ok

2023/10/21 下午 04:11 ACQUA 5.1.200

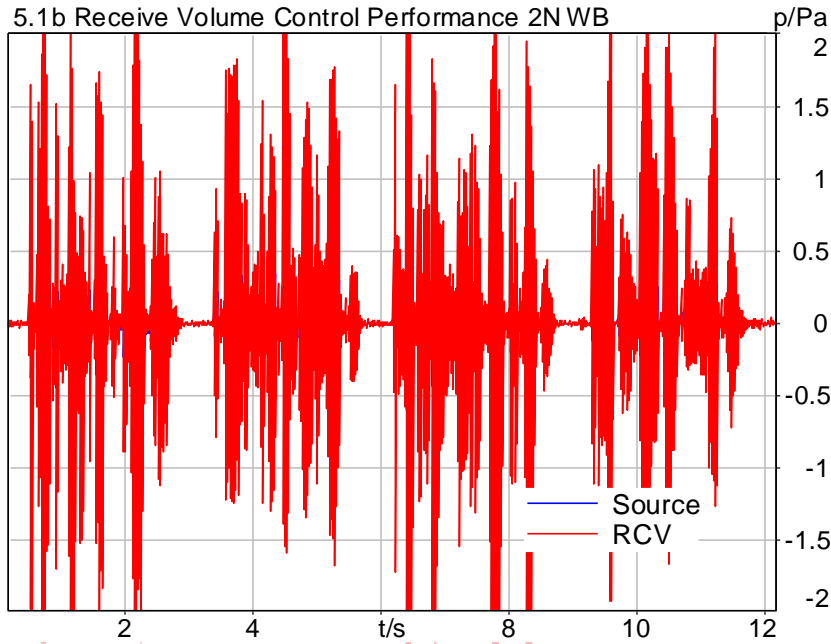
**Limits**

	<b>lower</b>
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 88.55 dB[SPL], Act.: 28.50% Ok

Ok

2023/10/21 下午 04:12 ACQUA 5.1.200

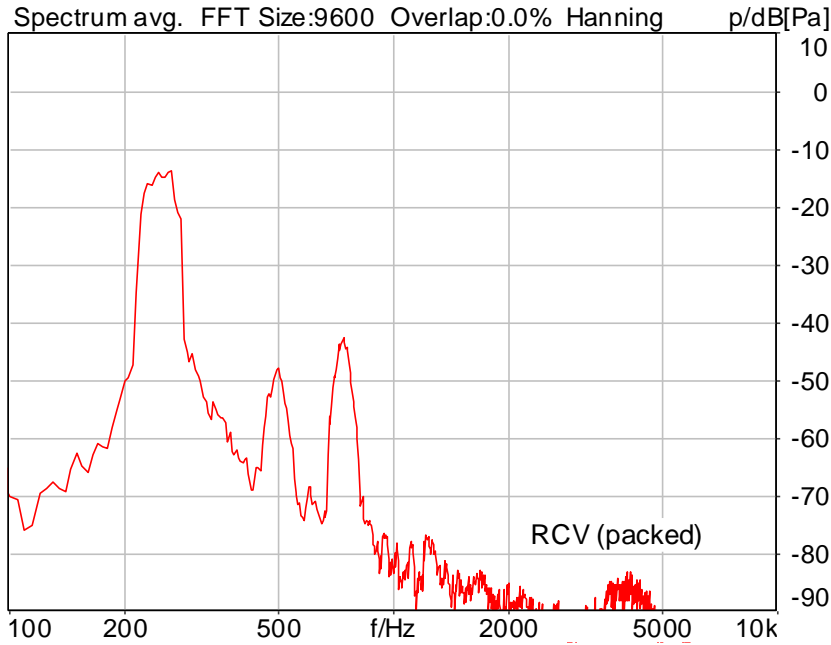
**Limits**

	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): 28.39 dB (3.81%) Ok

Ok

2023/10/21 下午 04:12 ACQUA 5.1.200

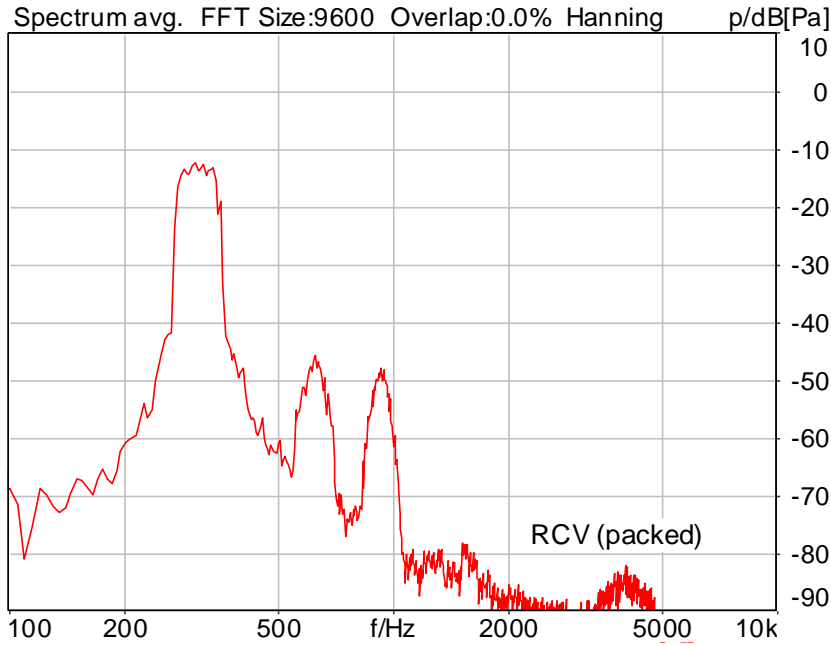
Limits

	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): 31.87 dB (2.55%) Ok

Ok

2023/10/21 下午 04:13 ACQUA 5.1.200

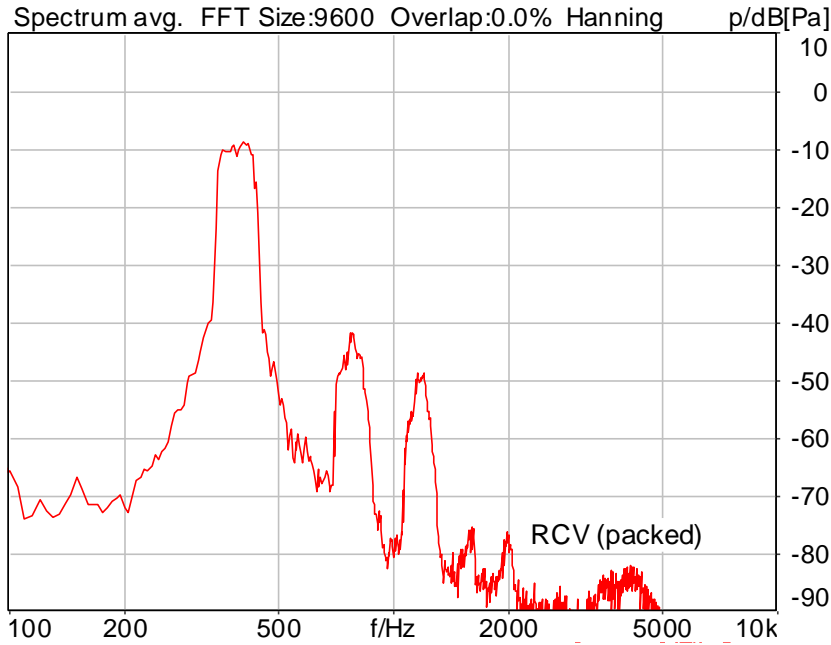
Limits

	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): 32.64 dB (2.33%) Ok

Ok

2023/10/21 下午 04:13 ACQUA 5.1.200

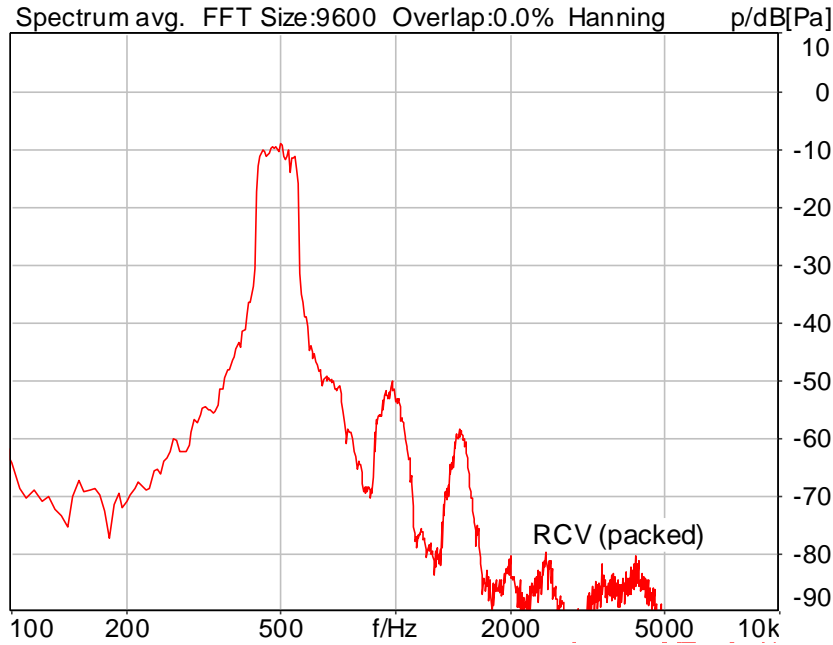
Limits

	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): 35.70 dB (1.64%) Ok

Ok

2023/10/21 下午 04:14 ACQUA 5.1.200

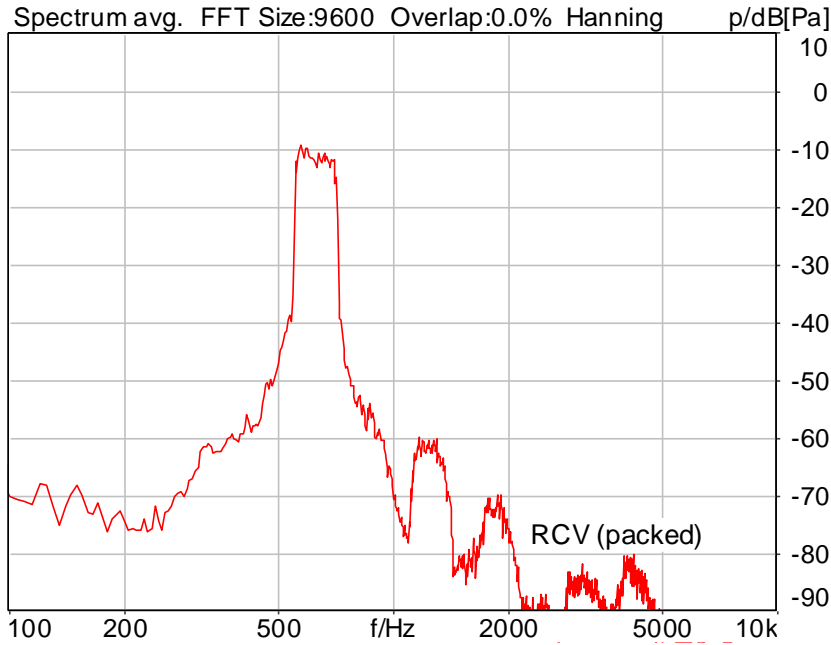
Limits

	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): 38.55 dB (1.18%) Ok

Ok

2023/10/21 下午 04:14 ACQUA 5.1.200

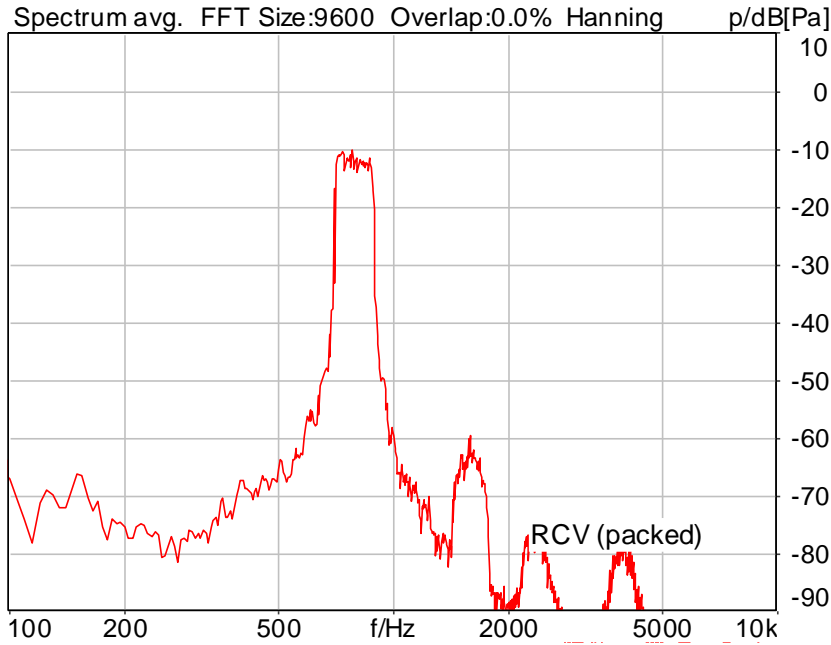
Limits

	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): 41.18 dB (0.87%) Ok

Ok

2023/10/21 下午 04:15 ACQUA 5.1.200

Limits

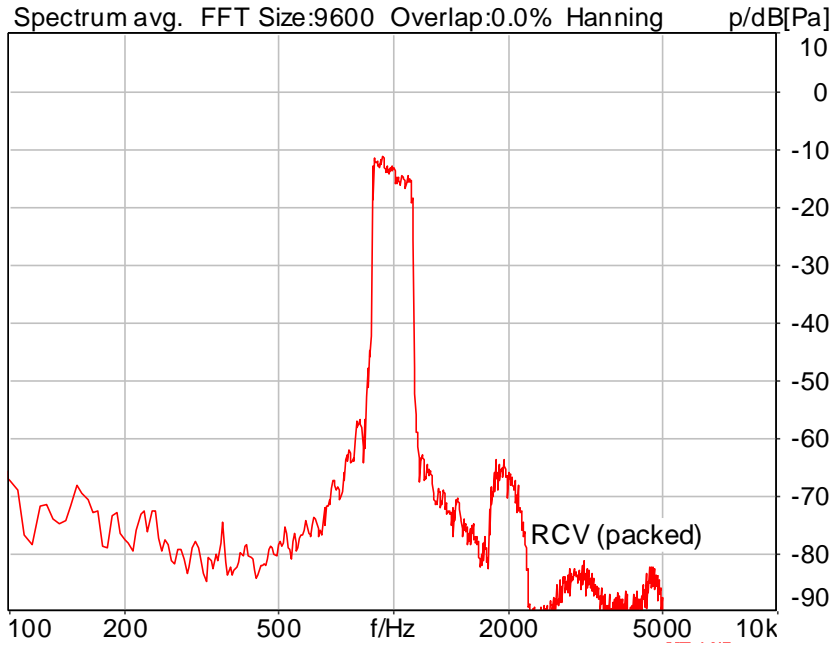
	lower
Run 1	20.00 dB





### 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): 45.76 dB (0.52%) Ok

Ok

2023/10/21 下午 04:15 ACQUA 5.1.200

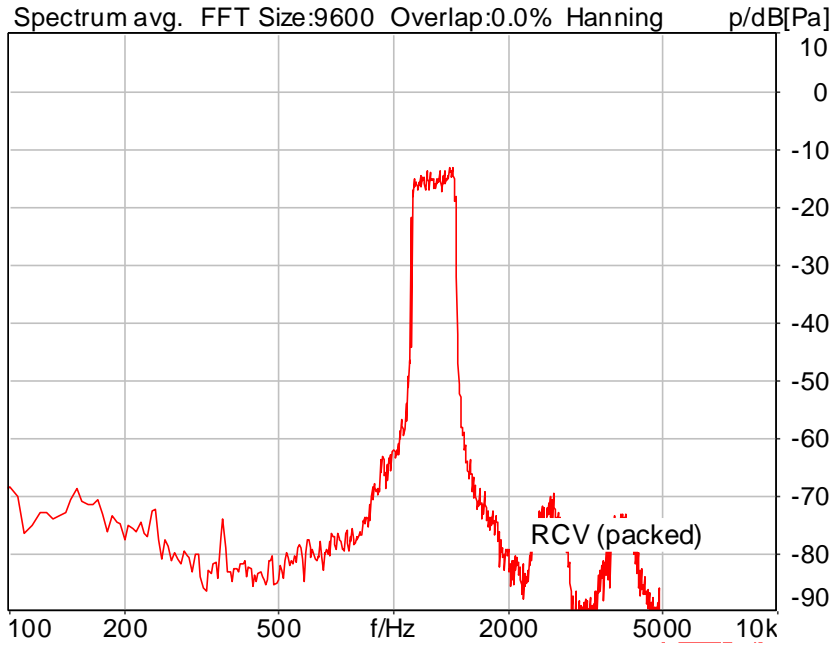
Limits

	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): 32.90 dB (2.27%) Ok

Ok

2023/10/21 下午 04:16 ACQUA 5.1.200

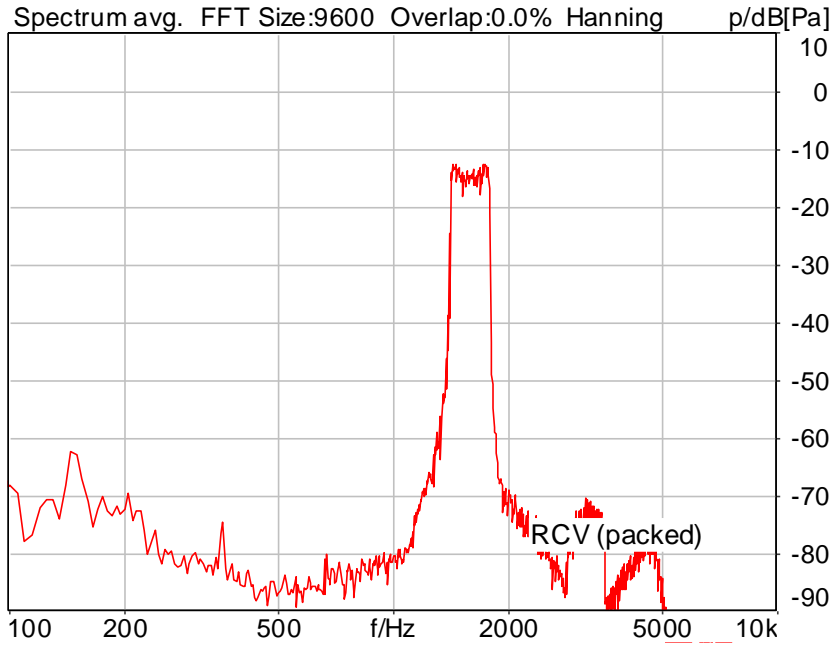
Limits

	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): 44.78 dB (0.58%) Ok

Ok

2023/10/21 下午 04:16 ACQUA 5.1.200

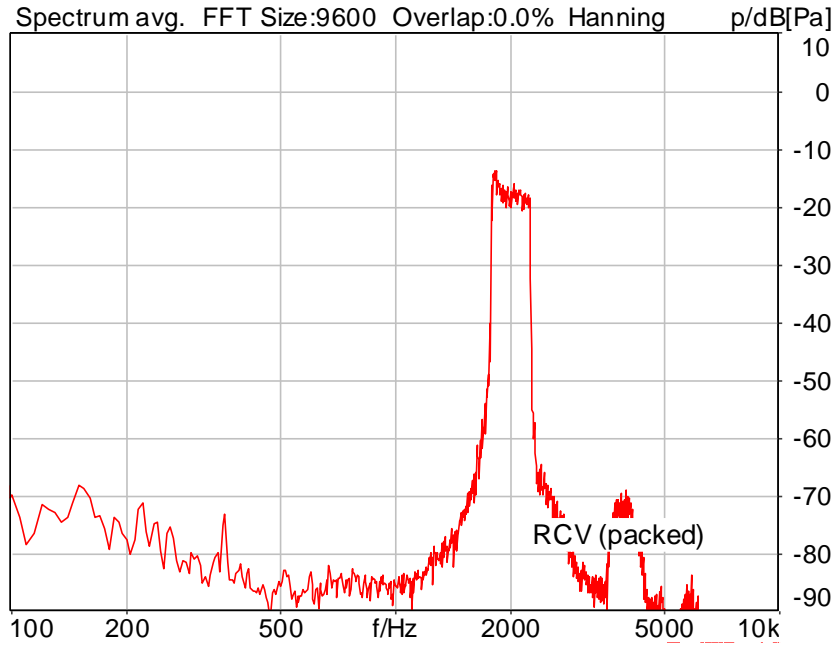
Limits

	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): 42.16 dB (0.78%) Ok

Ok

2023/10/21 下午 04:17 ACQUA 5.1.200

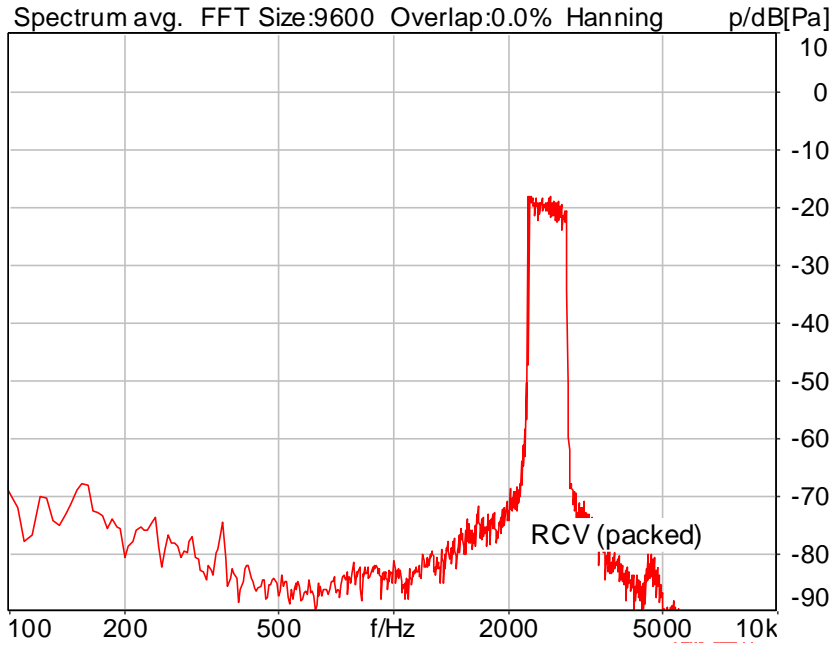
Limits

	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): 46.20 dB (0.49%) Ok

Ok

2023/10/21 下午 04:17 ACQUA 5.1.200

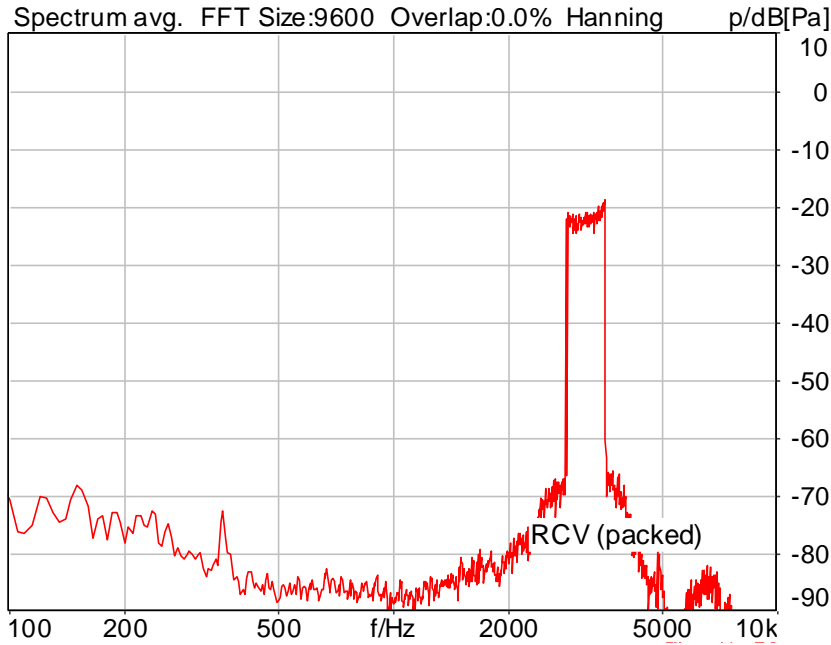
Limits

	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): 44.59 dB (0.59%) Ok

**Ok**

2023/10/21 下午 04:18 ACQUA 5.1.200

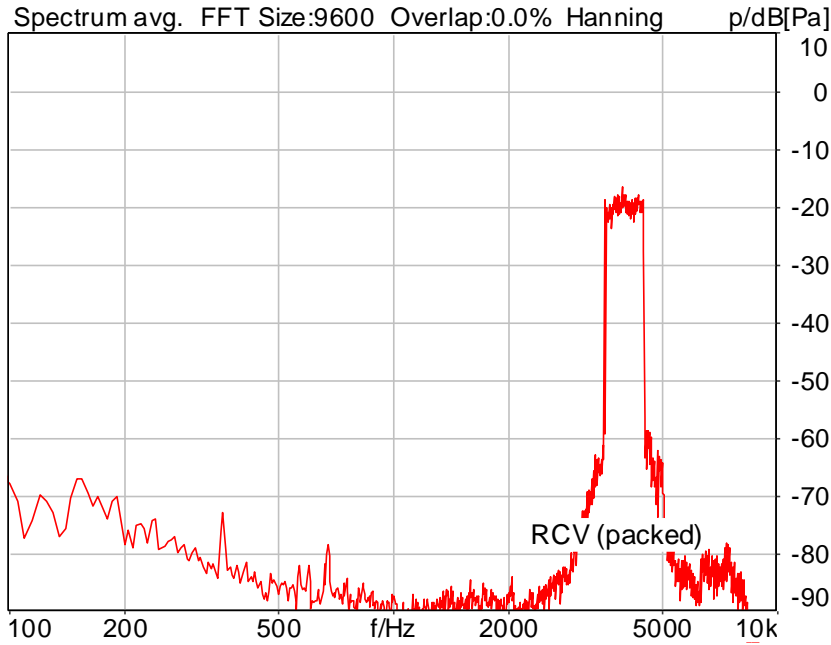
**Limits**

	<b>lower</b>
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): 43.77 dB (0.65%) Ok

Ok

2023/10/21 下午 04:18 ACQUA 5.1.200

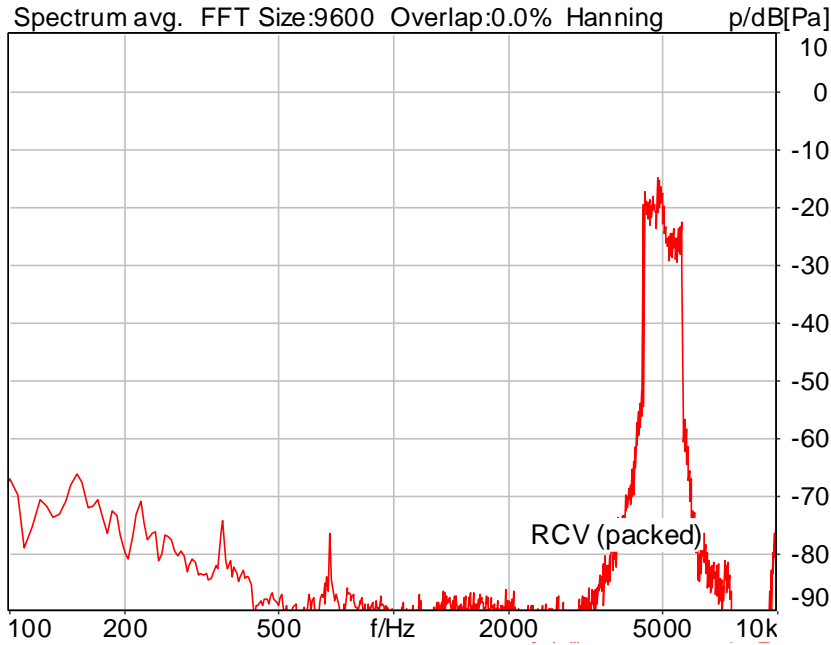
Limits

	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): 40.44 dB (0.95%) Ok

Ok

2023/10/21 下午 04:19 ACQUA 5.1.200

Limits

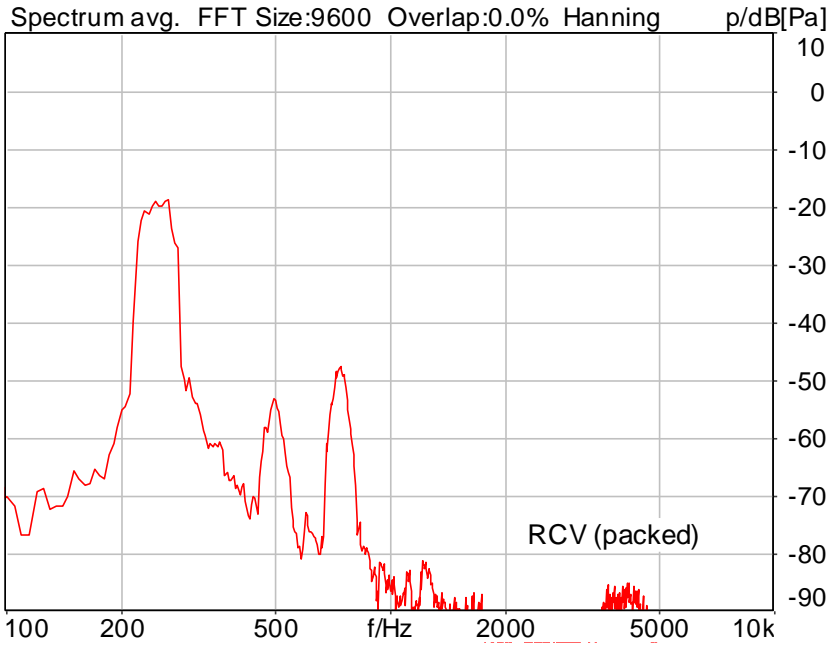
	lower
Run 1	20.00 dB





### 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): 28.25 dB (3.87%) Ok

Ok

2023/10/21 下午 04:20 ACQUA 5.1.200

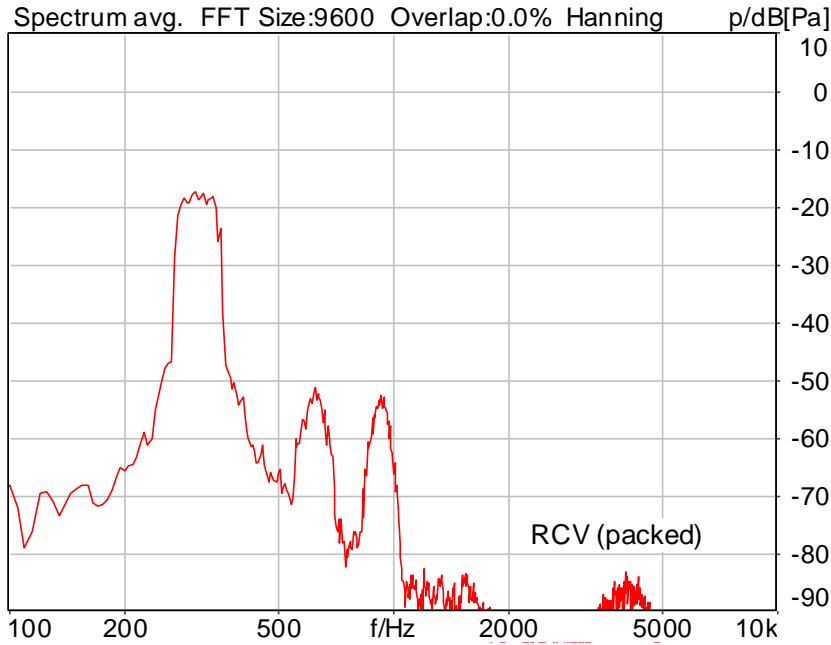
Limits

	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): 31.93 dB (2.53%) Ok

Ok

2023/10/21 下午 04:20 ACQUA 5.1.200

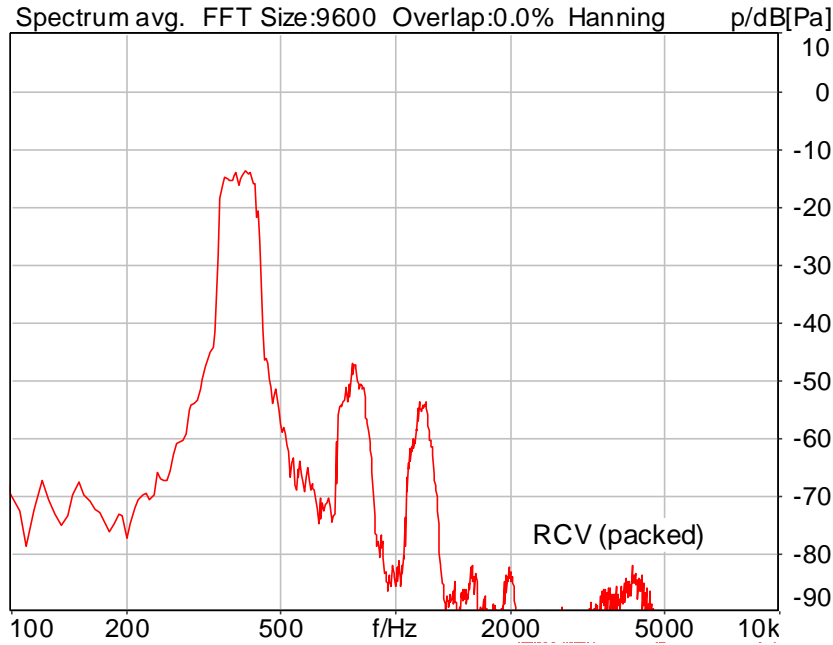
Limits

	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): 32.89 dB (2.27%) Ok

Ok

2023/10/21 下午 04:21 ACQUA 5.1.200

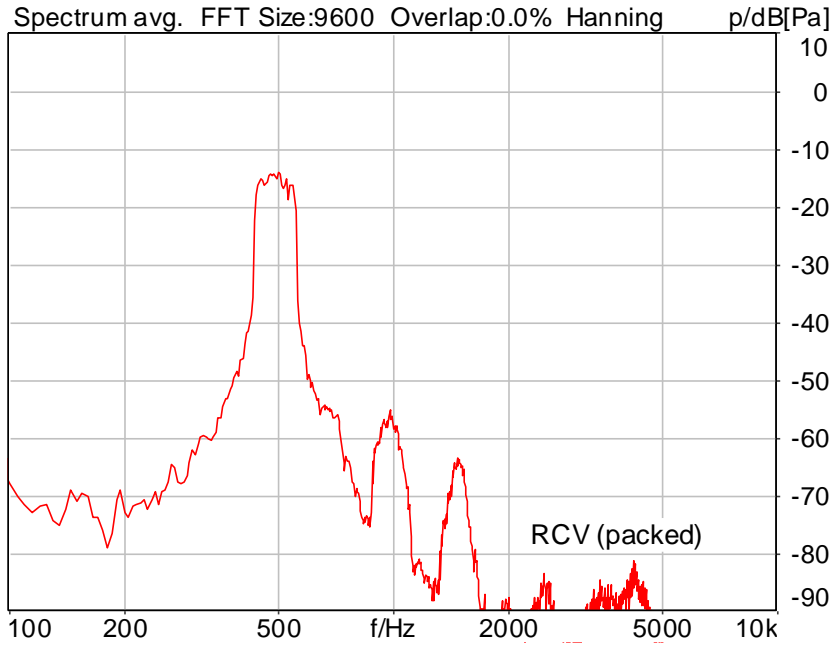
Limits

	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): 35.72 dB (1.64%) Ok

Ok

2023/10/21 下午 04:21 ACQUA 5.1.200

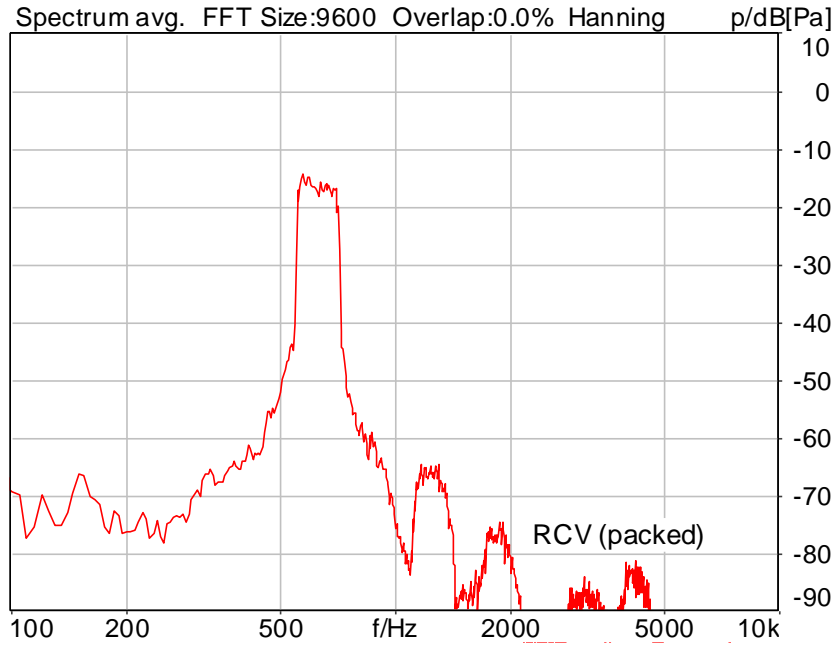
Limits

	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): 38.35 dB (1.21%) Ok

Ok

2023/10/21 下午 04:22 ACQUA 5.1.200

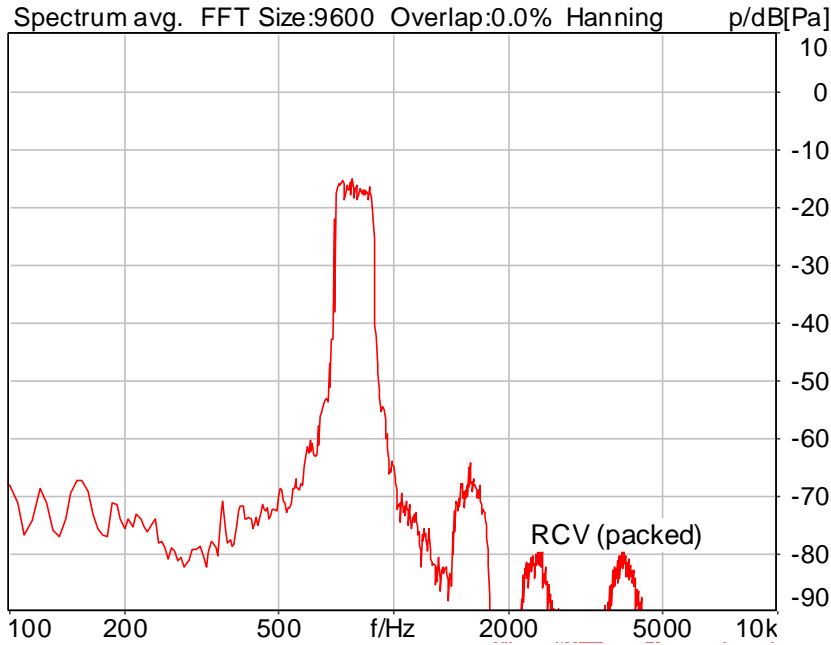
Limits

	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): 41.29 dB (0.86%) Ok

Ok

2023/10/21 下午 04:22 ACQUA 5.1.200

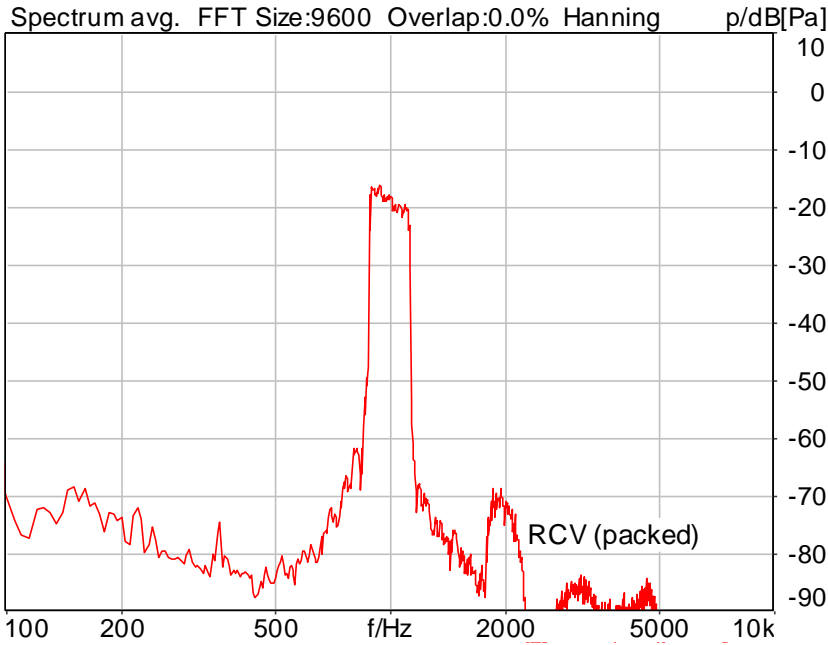
Limits

	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): 45.64 dB (0.52%) Ok

Ok

2023/10/21 下午 04:23 ACQUA 5.1.200

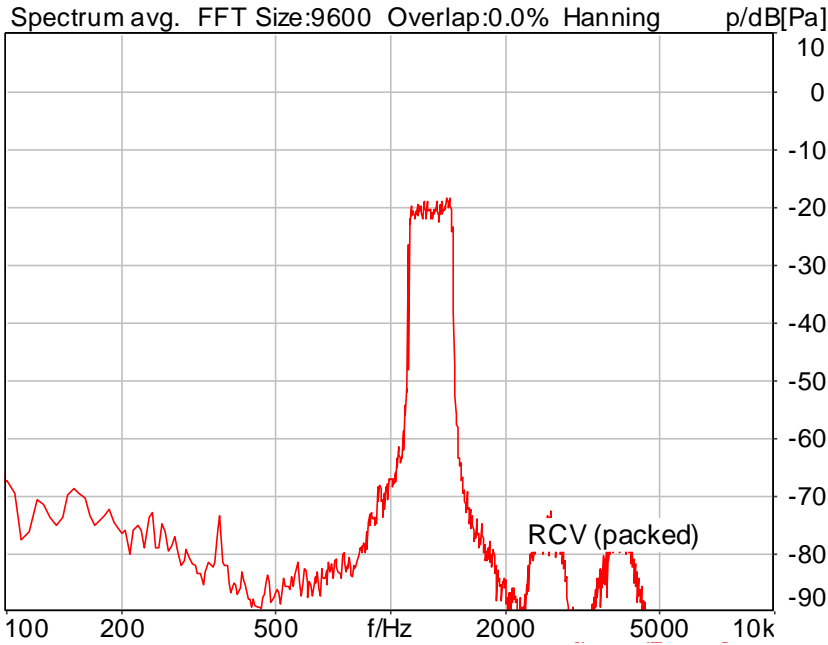
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 1250 Hz WB

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



Distortion (Noise) RCV (packed): 33.59 dB (2.09%) Ok

Ok

2023/10/21 下午 04:23 ACQUA 5.1.200

Limits

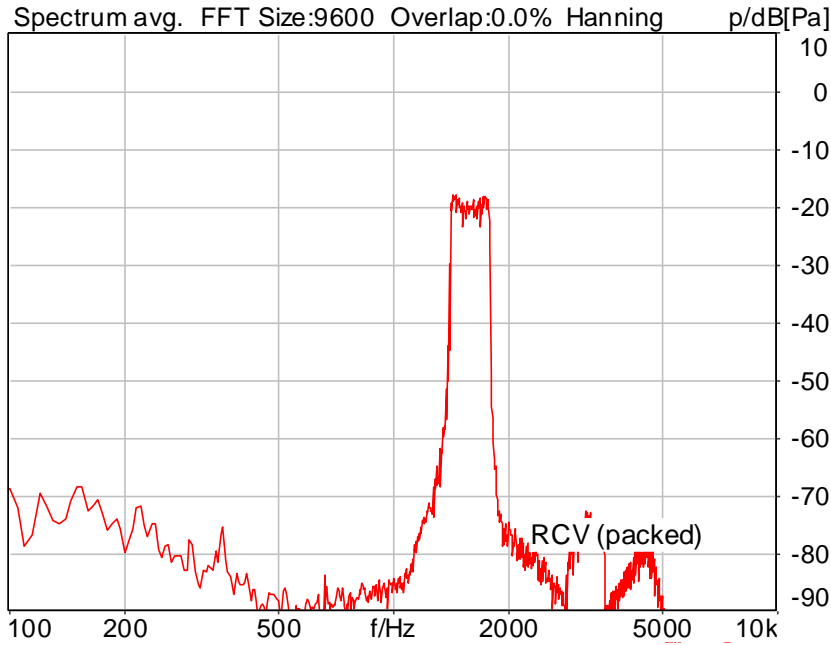
	lower
Run 1	20.00 dB





### 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): 44.41 dB (0.60%) Ok

Ok

2023/10/21 下午 04:24 ACQUA 5.1.200

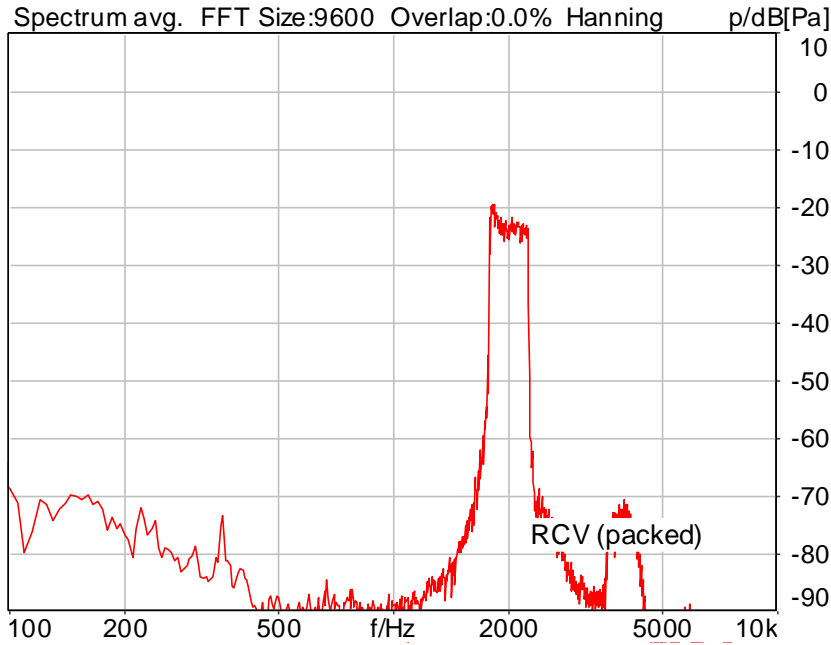
Limits

	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): 41.24 dB (0.87%) Ok

Ok

2023/10/21 下午 04:24 ACQUA 5.1.200

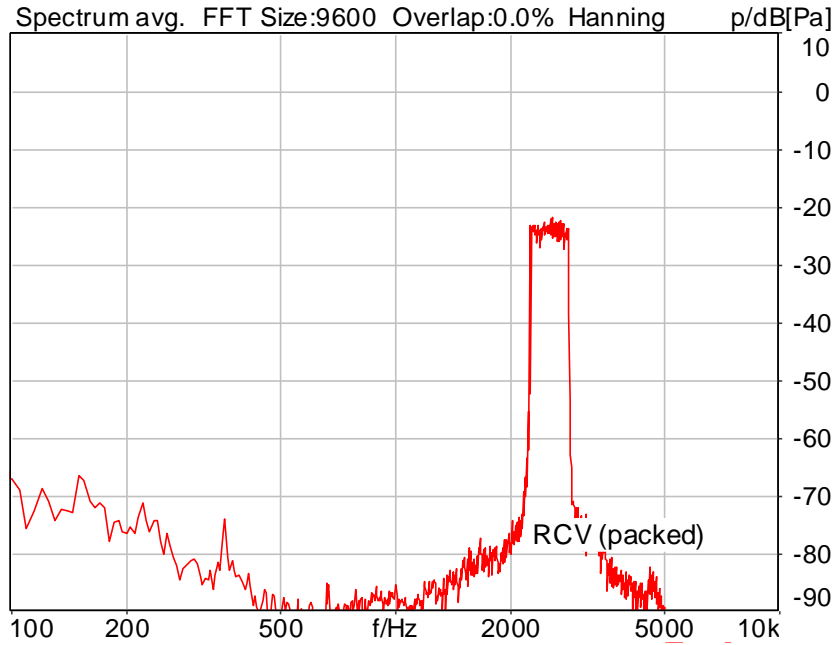
Limits

	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): 46.08 dB (0.50%) Ok

Ok

2023/10/21 下午 04:25 ACQUA 5.1.200

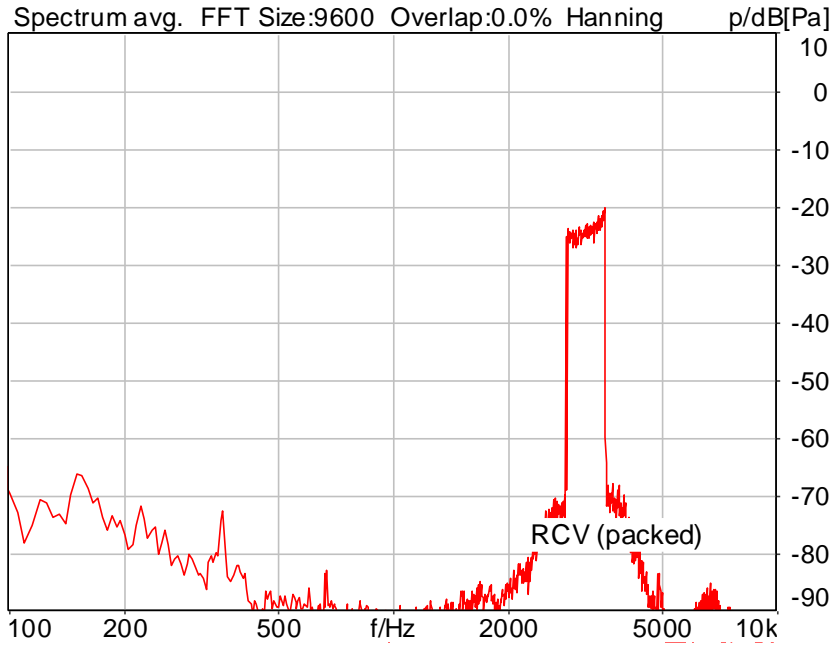
Limits

	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): 45.44 dB (0.53%) Ok

Ok

2023/10/21 下午 04:25 ACQUA 5.1.200

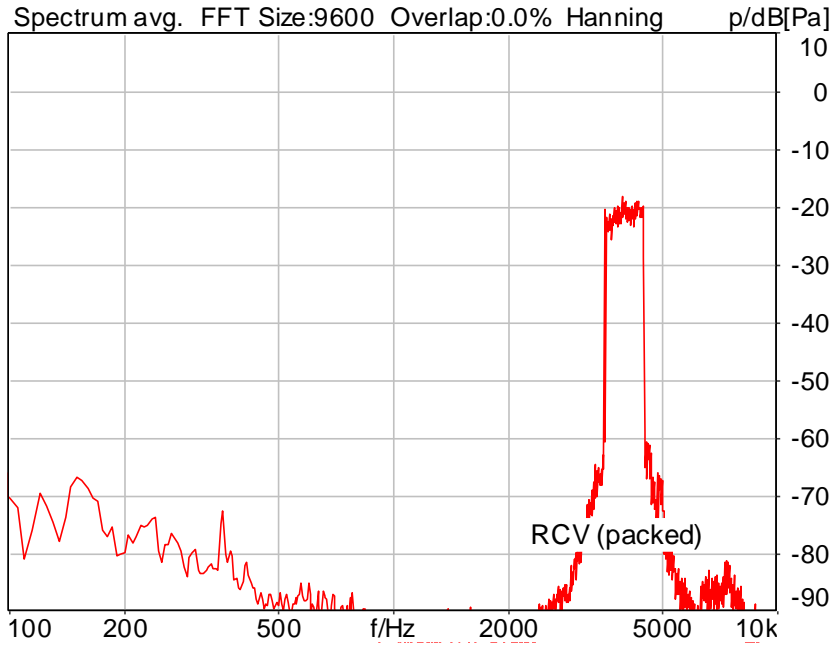
Limits

	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): 44.82 dB (0.57%) Ok

Ok

2023/10/21 下午 04:26 ACQUA 5.1.200

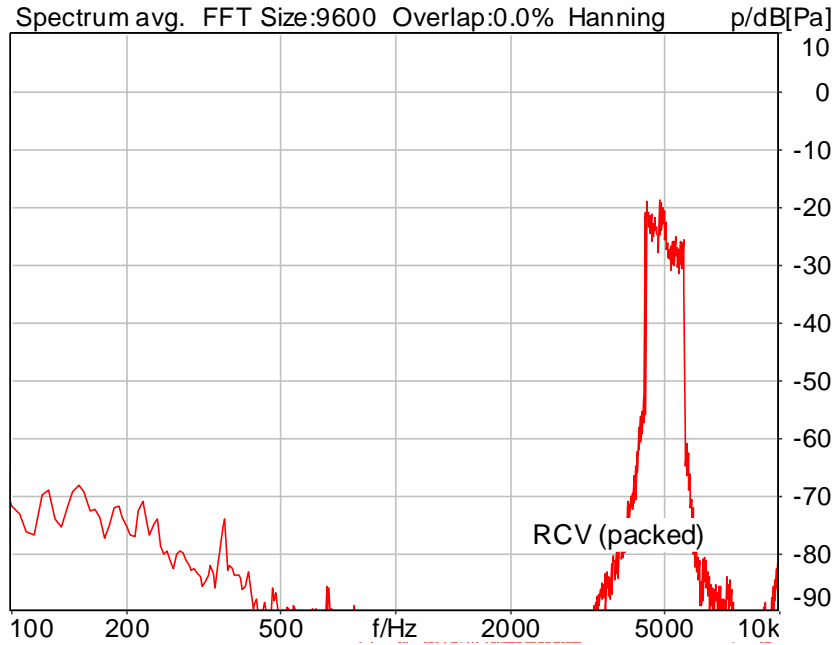
Limits

	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): 39.32 dB (1.08%) Ok

Ok

2023/10/21 下午 04:26 ACQUA 5.1.200

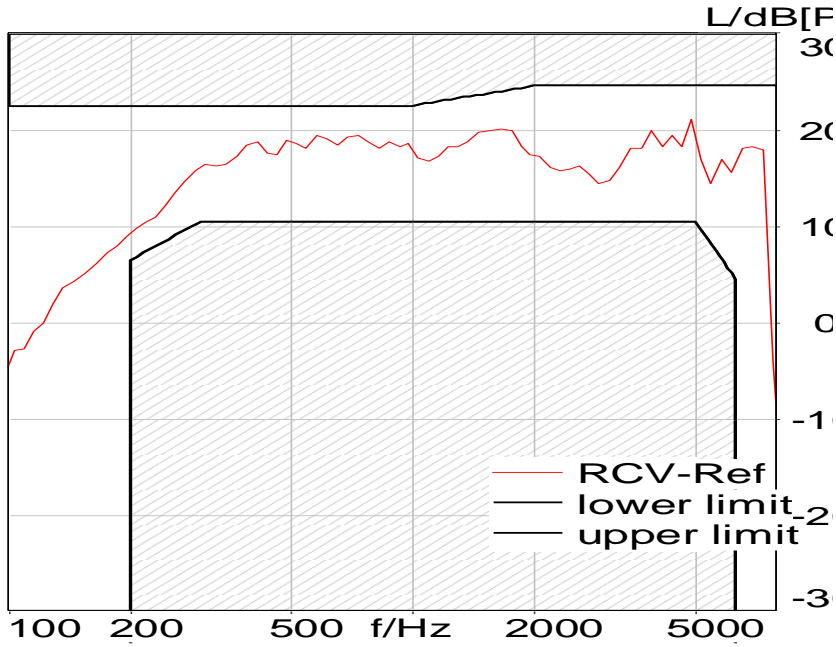
Limits

	lower
Run 1	20.00 dB



### 5.3 Frequency Response 8N FF

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



Absolute minimal distance  
3.03 dB at 576.7 Hz Ok

Ok

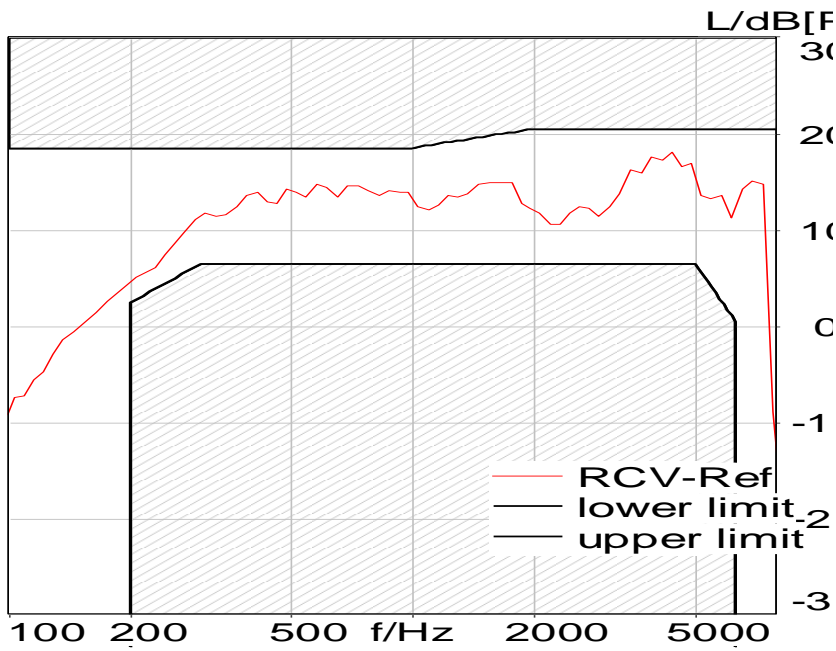
2023/10/21 下午 04:27 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance

### 5.3 Frequency Response 2N FF

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



Absolute minimal distance  
2.32 dB at 4369.4 Hz Ok

Ok

2023/10/21 下午 04:28 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance





#13 NR n77 EVS WB 24.4Kbps

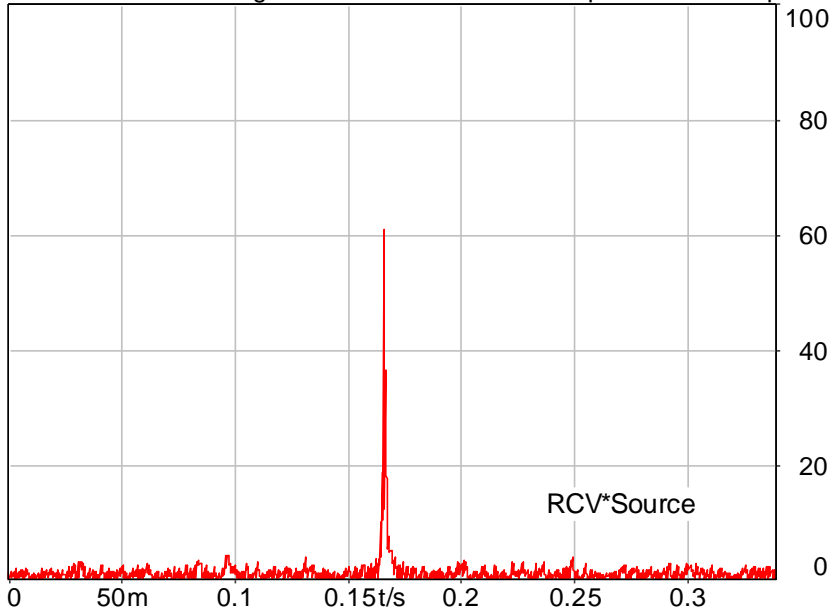
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	166.5
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	89.99
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	88.62
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.49
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.79
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.57
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.77
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.48
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.15
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.53
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.31
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.83
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	42.26
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.19
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.57
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.71
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	40.70
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.23
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.93
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.84
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.79
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.69
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.27
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.56
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.83
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.16
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.28
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.28
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.00
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.80
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	39.48
5.3 Frequency Response 8N FF	Ok	Min. dist. to tolerance scheme [dB], 4870.0 Hz	2.63
5.3 Frequency Response 2N FF	Ok	Min. dist. to tolerance scheme [dB], 4369.4 Hz	2.03



### Overall Receive Delay WB

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

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



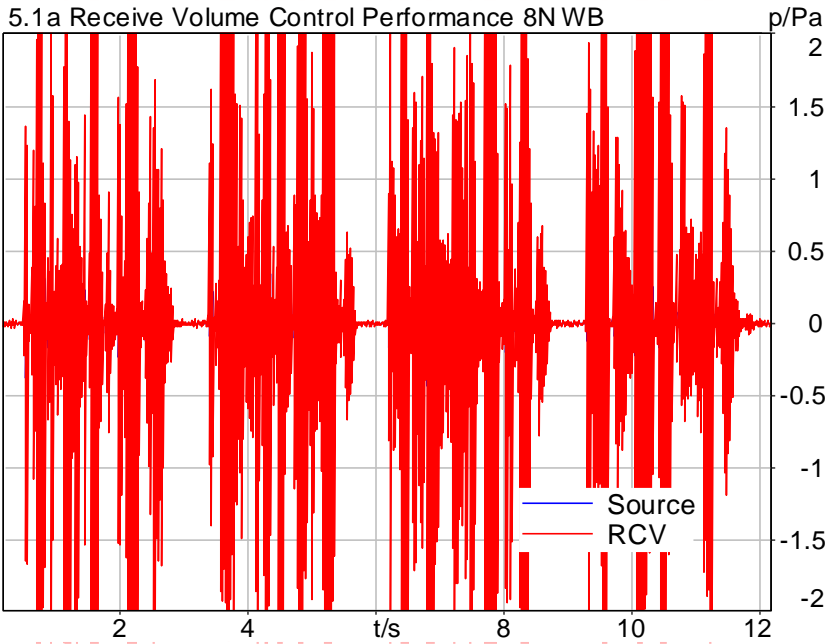
Delay (Cross): 166.5 ms

2023/10/21 下午 04:36 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 89.99 dB[SPL], Act.: 59.93% Ok

Ok

2023/10/21 下午 04:37 ACQUA 5.1.200

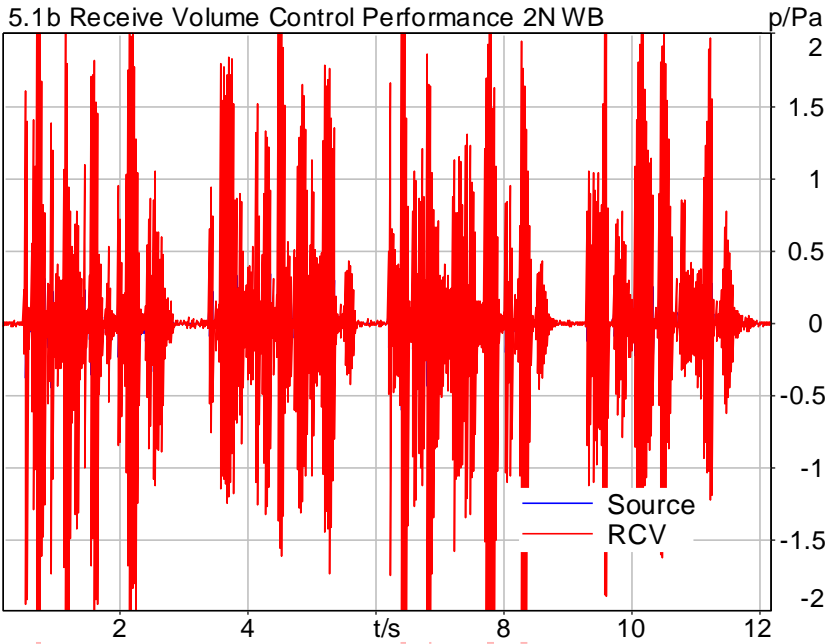
**Limits**

	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.: 28.16% Ok

Ok

2023/10/21 下午 04:37 ACQUA 5.1.200

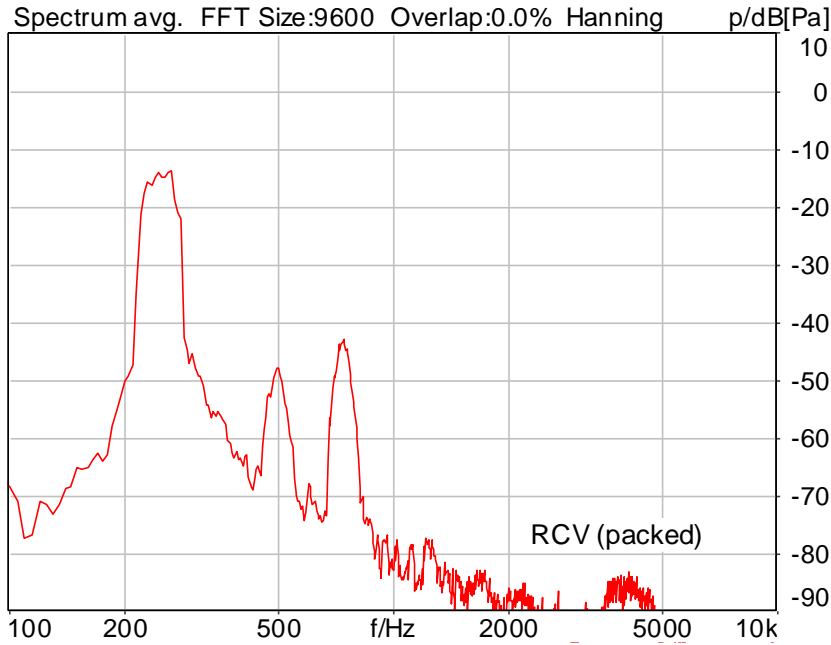
**Limits**

	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): 28.49 dB (3.76%) Ok

Ok

2023/10/21 下午 04:38 ACQUA 5.1.200

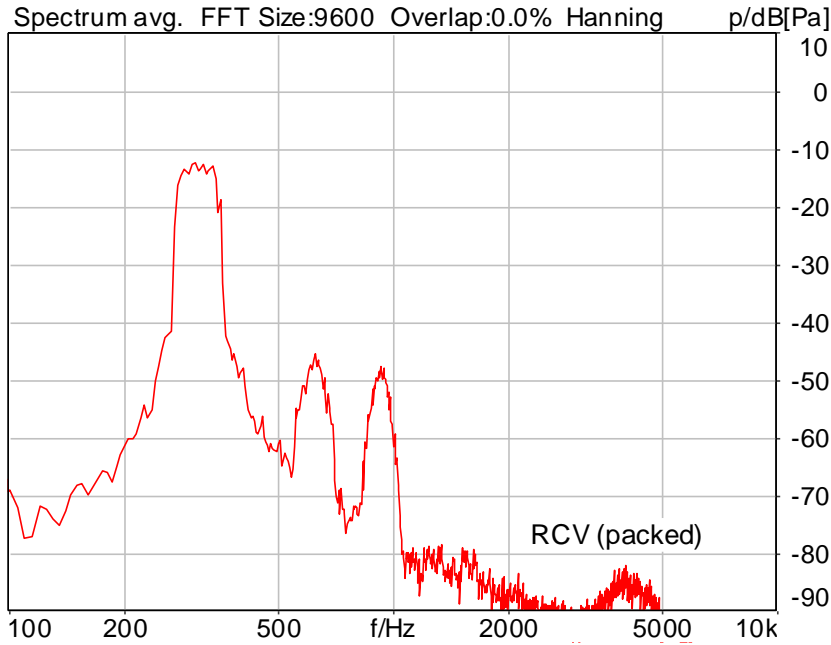
Limits

	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): 31.79 dB (2.57%) Ok

Ok

2023/10/21 下午 04:39 ACQUA 5.1.200

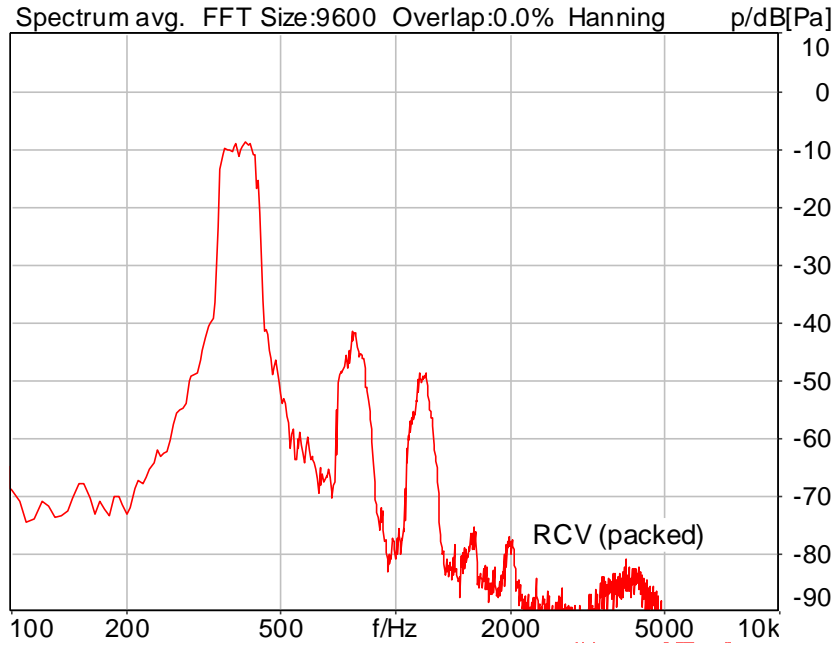
Limits

	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): 32.57 dB (2.35%) Ok

Ok

2023/10/21 下午 04:39 ACQUA 5.1.200

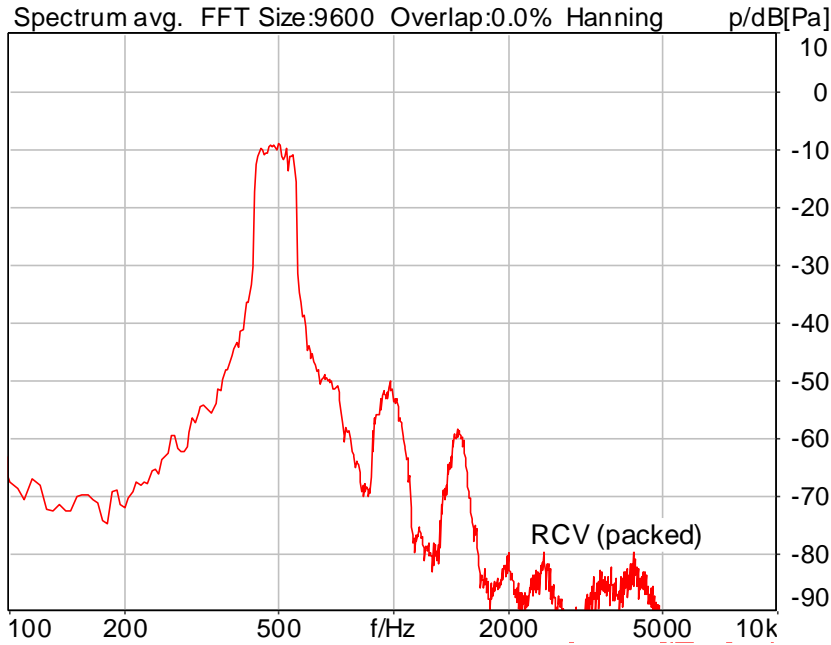
Limits

	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): 35.77 dB (1.63%) Ok

Ok

2023/10/21 下午 04:40 ACQUA 5.1.200

Limits

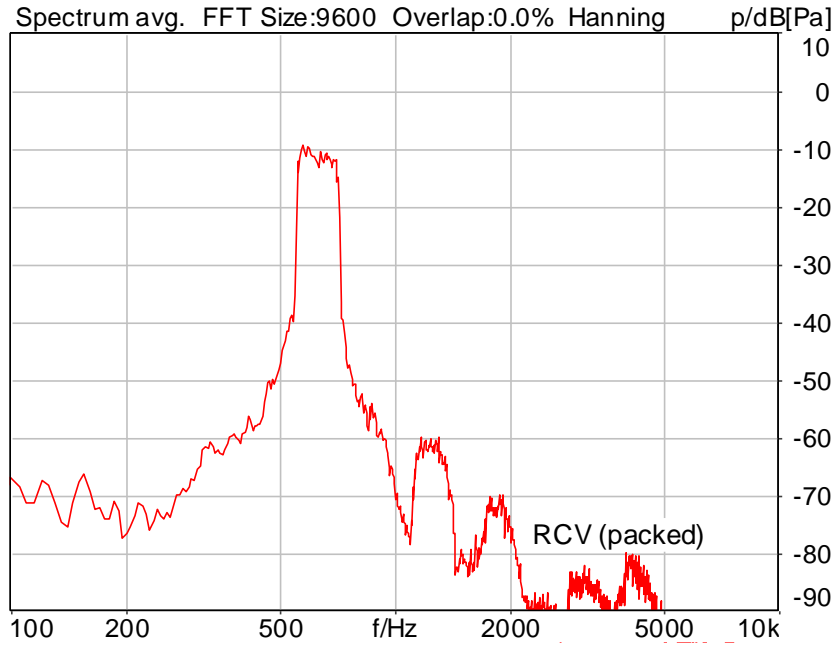
	lower
Run 1	20.00 dB





### 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): 38.48 dB (1.19%) Ok

Ok

2023/10/21 下午 04:40 ACQUA 5.1.200

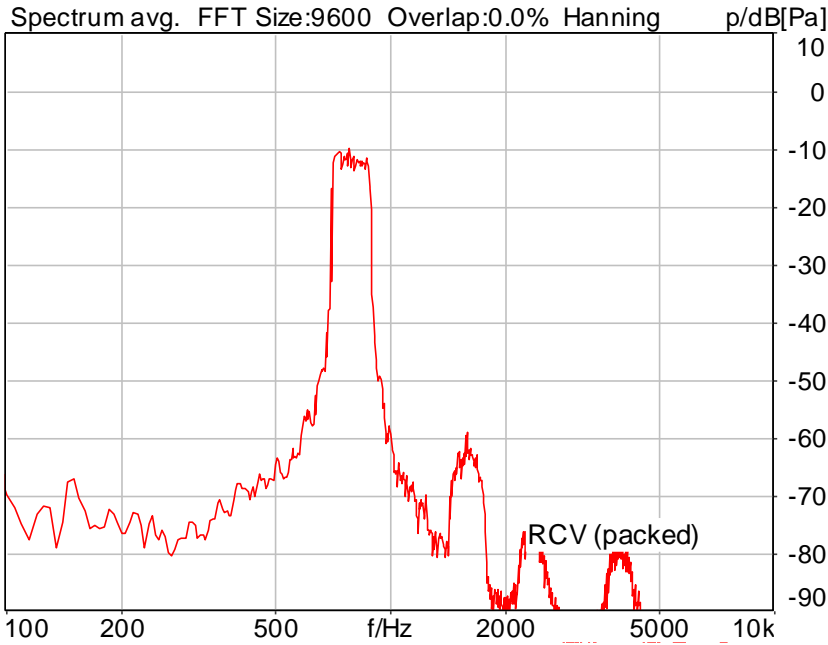
Limits

	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): 41.15 dB (0.88%) Ok

Ok

2023/10/21 下午 04:41 ACQUA 5.1.200

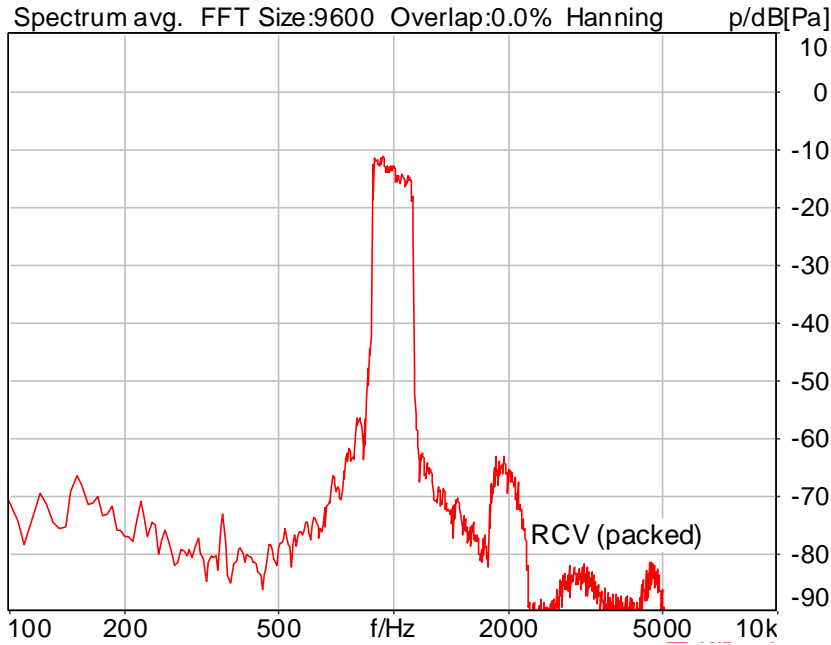
Limits

	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): 45.53 dB (0.53%) Ok

Ok

2023/10/21 下午 04:41 ACQUA 5.1.200

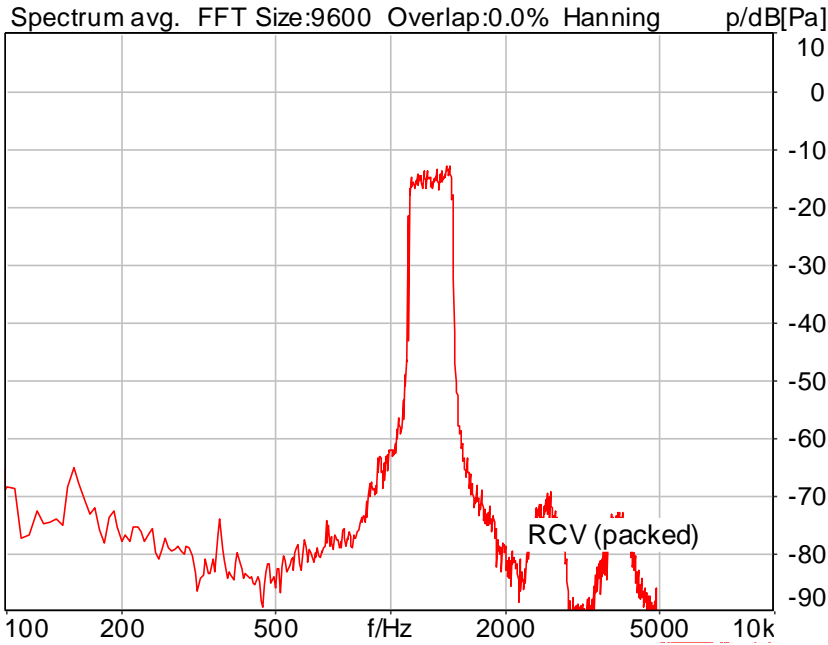
Limits

	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): 33.31 dB (2.16%) Ok

Ok

2023/10/21 下午 04:42 ACQUA 5.1.200

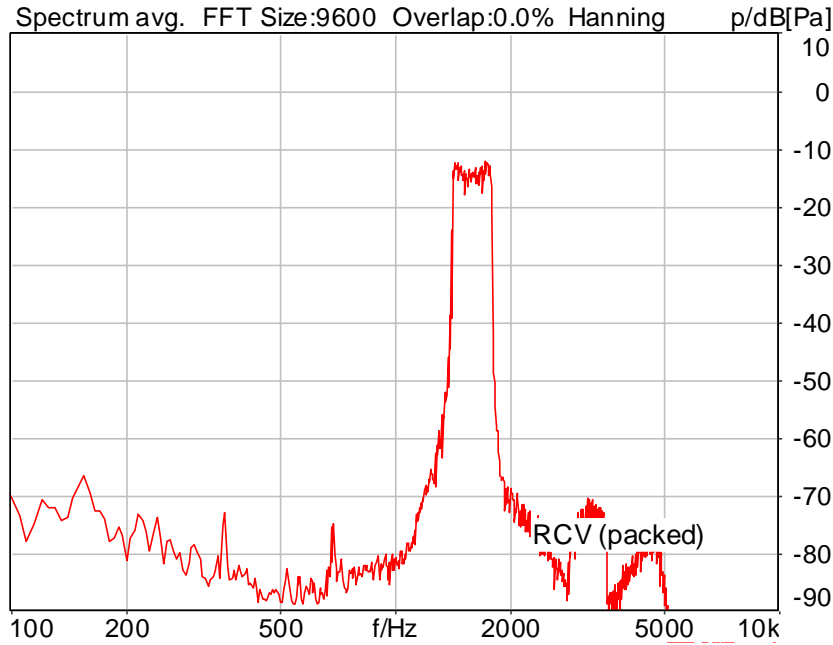
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 1600 Hz WB

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



Distortion (Noise) RCV (packed): 44.83 dB (0.57%) Ok

**Ok**

2023/10/21 下午 04:42 ACQUA 5.1.200

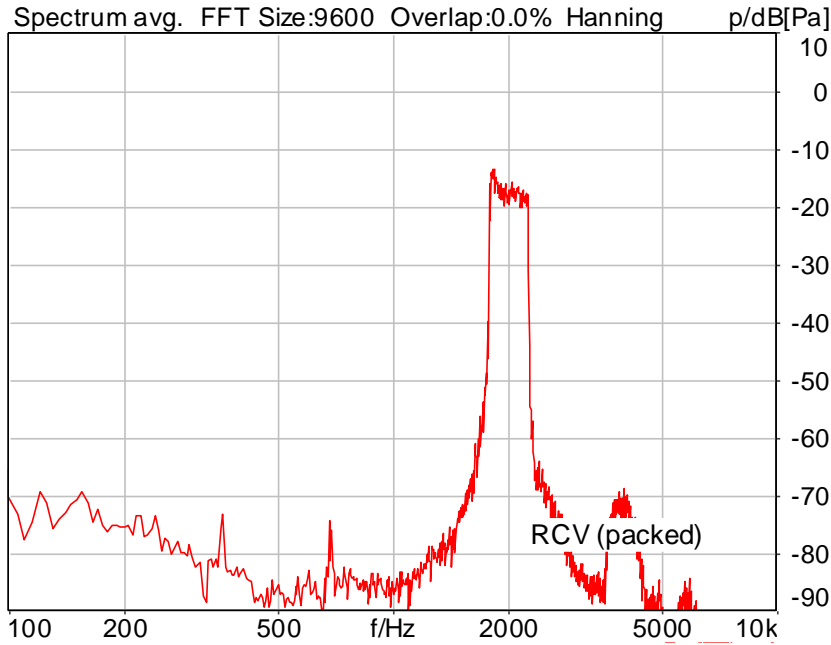
**Limits**

	<b>lower</b>
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): 42.26 dB (0.77%) Ok

Ok

2023/10/21 下午 04:43 ACQUA 5.1.200

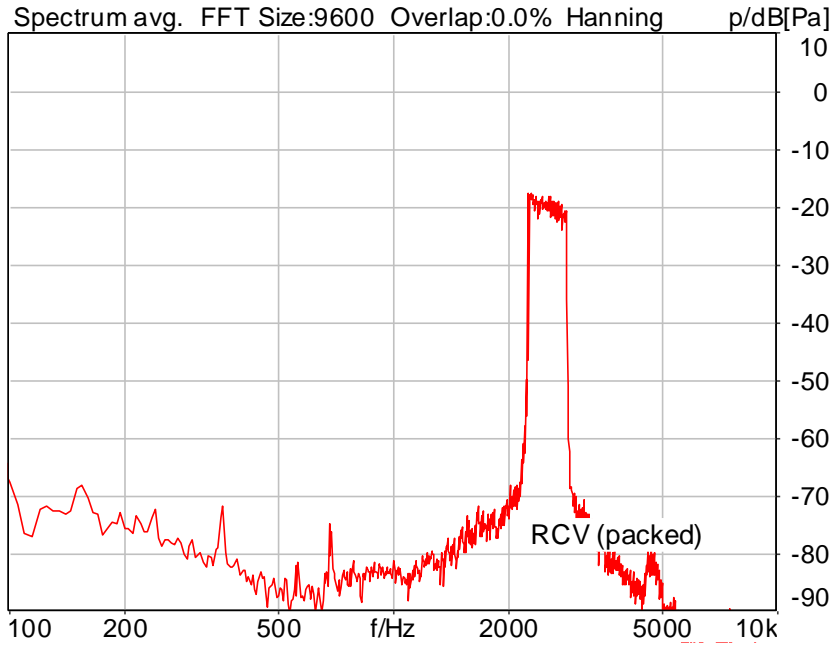
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 2500 Hz WB

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



Distortion (Noise) RCV (packed): 46.19 dB (0.49%) Ok

**Ok**

2023/10/21 下午 04:43 ACQUA 5.1.200

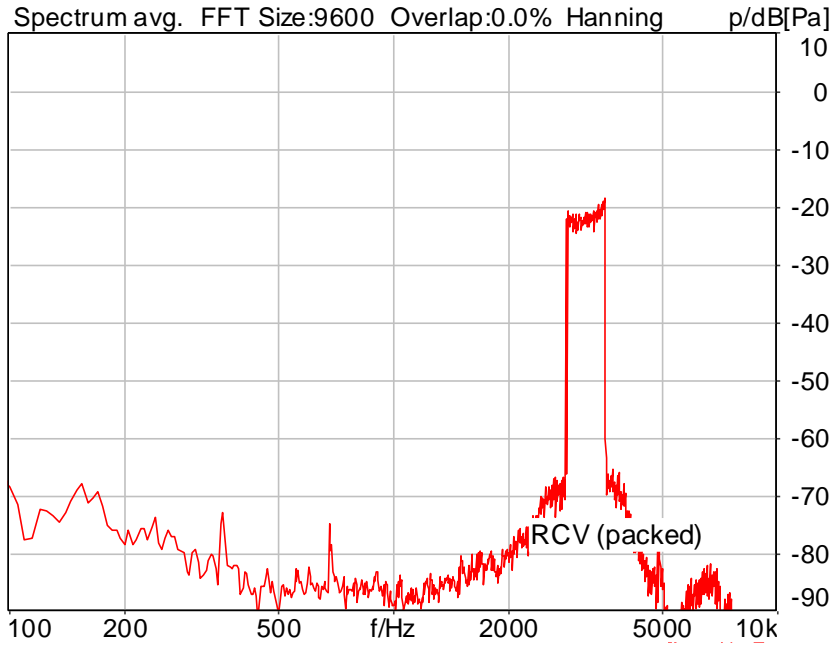
**Limits**

	<b>lower</b>
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): 44.57 dB (0.59%) Ok

Ok

2023/10/21 下午 04:44 ACQUA 5.1.200

Limits

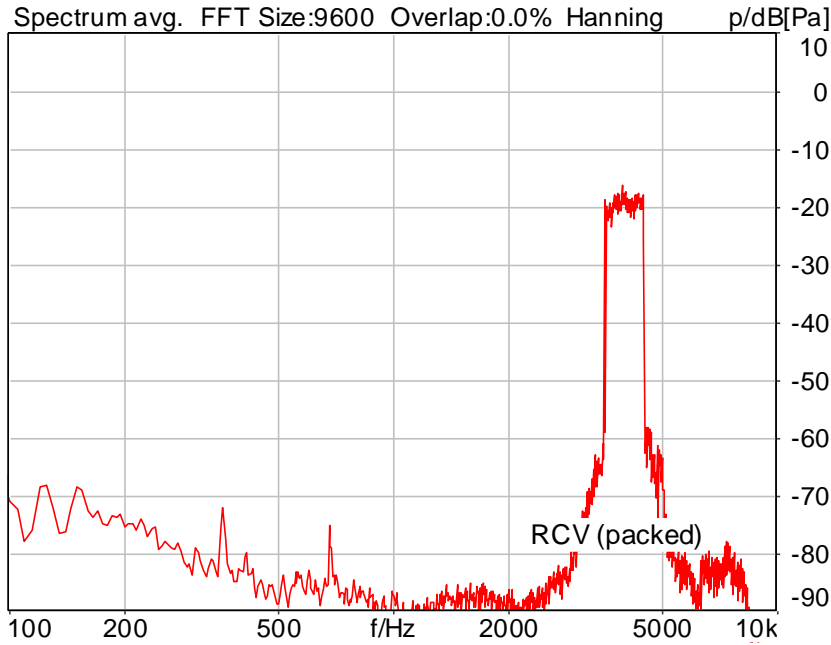
	lower
Run 1	20.00 dB





### 5.2 RCV Distortion and Noise - 4000 Hz WB

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



Distortion (Noise) RCV (packed): 43.71 dB (0.65%) Ok

Ok

2023/10/21 下午 04:44 ACQUA 5.1.200

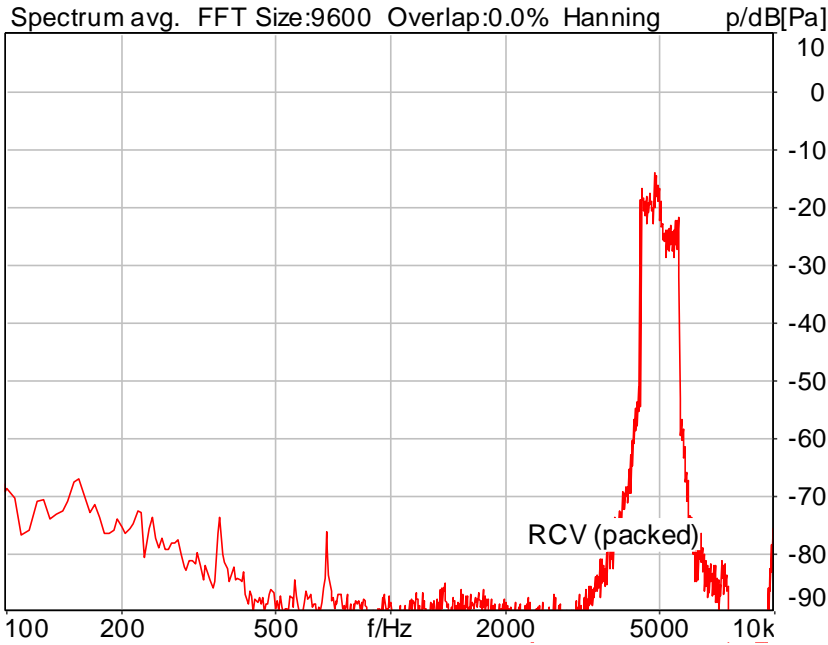
Limits

	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): 40.70 dB (0.92%) Ok

Ok

2023/10/21 下午 04:44 ACQUA 5.1.200

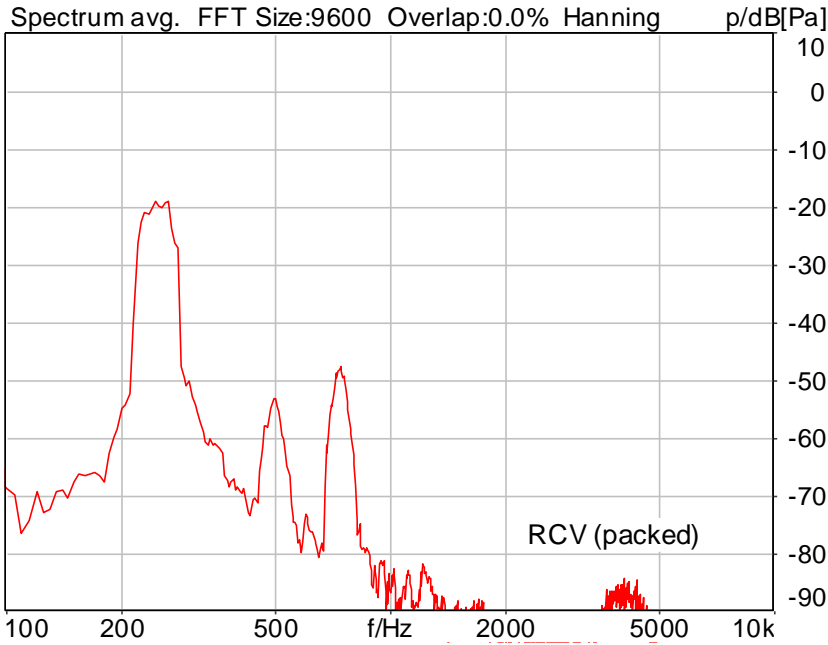
Limits

	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): 28.23 dB (3.88%) Ok

Ok

2023/10/21 下午 04:45 ACQUA 5.1.200

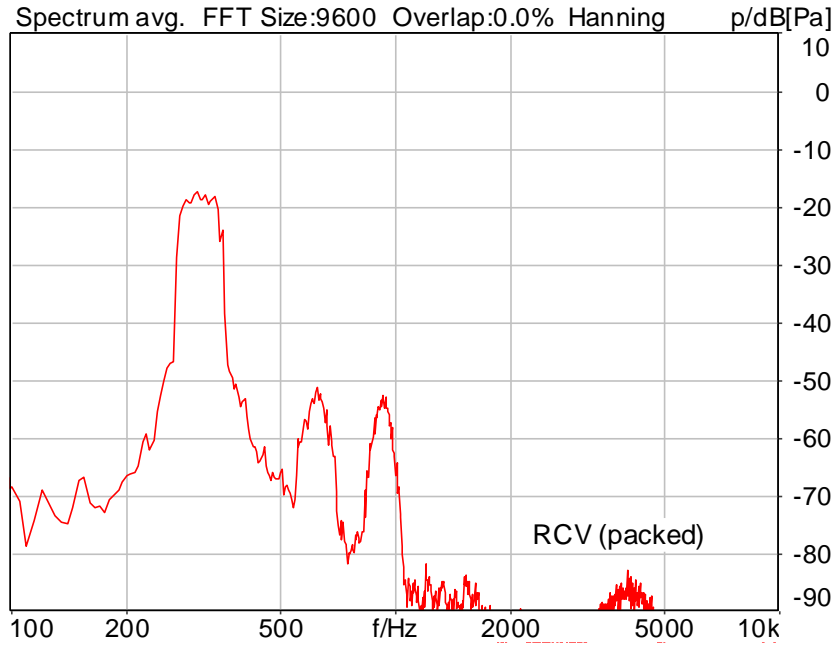
Limits

	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): 31.93 dB (2.53%) Ok

Ok

2023/10/21 下午 04:46 ACQUA 5.1.200

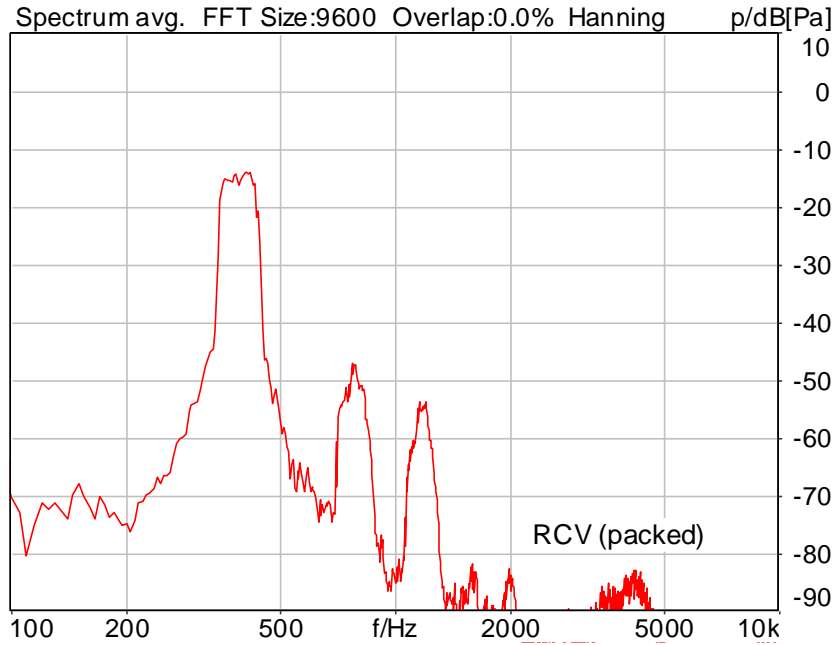
Limits

	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): 32.84 dB (2.28%) Ok

Ok

2023/10/21 下午 04:46 ACQUA 5.1.200

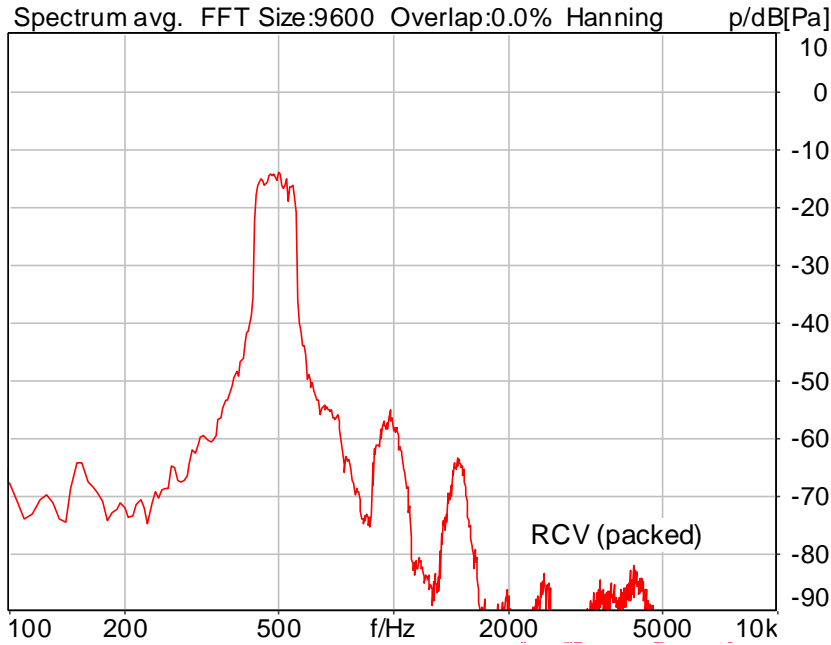
Limits

	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): 35.79 dB (1.62%) Ok

Ok

2023/10/21 下午 04:47 ACQUA 5.1.200

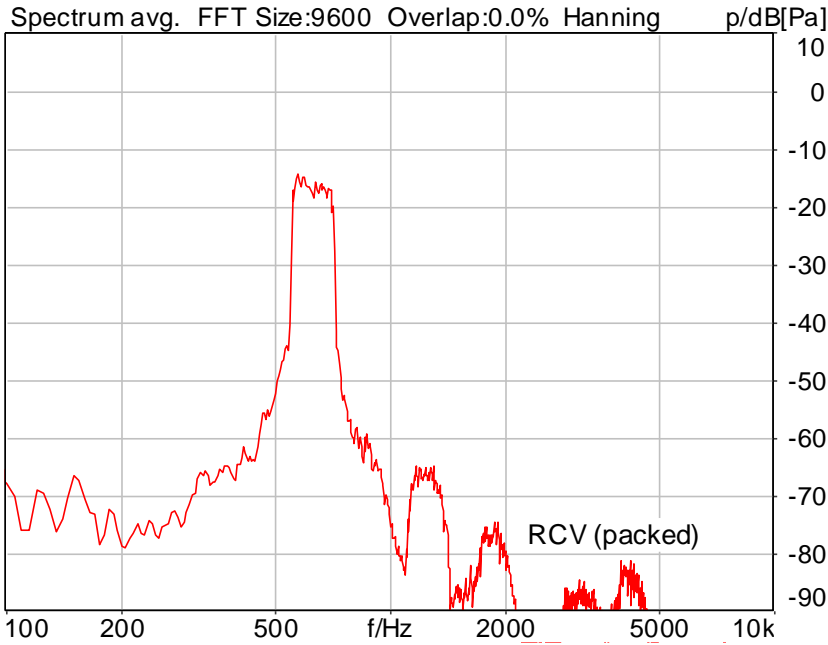
Limits

	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): 38.69 dB (1.16%) Ok

Ok

2023/10/21 下午 04:47 ACQUA 5.1.200

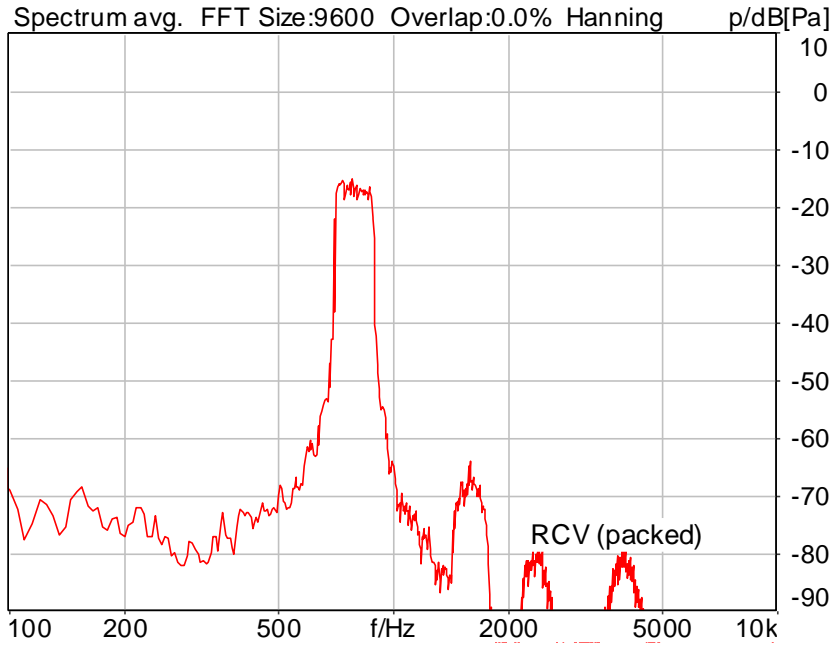
Limits

	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): 41.27 dB (0.86%) Ok

Ok

2023/10/21 下午 04:48 ACQUA 5.1.200

Limits

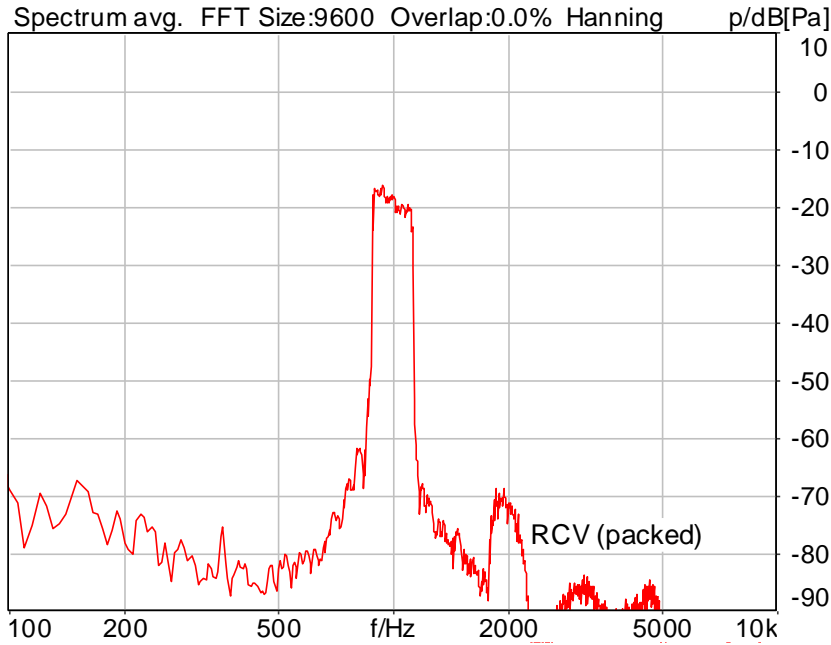
	lower
Run 1	20.00 dB





### 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): 45.56 dB (0.53%) Ok

Ok

2023/10/21 下午 04:48 ACQUA 5.1.200

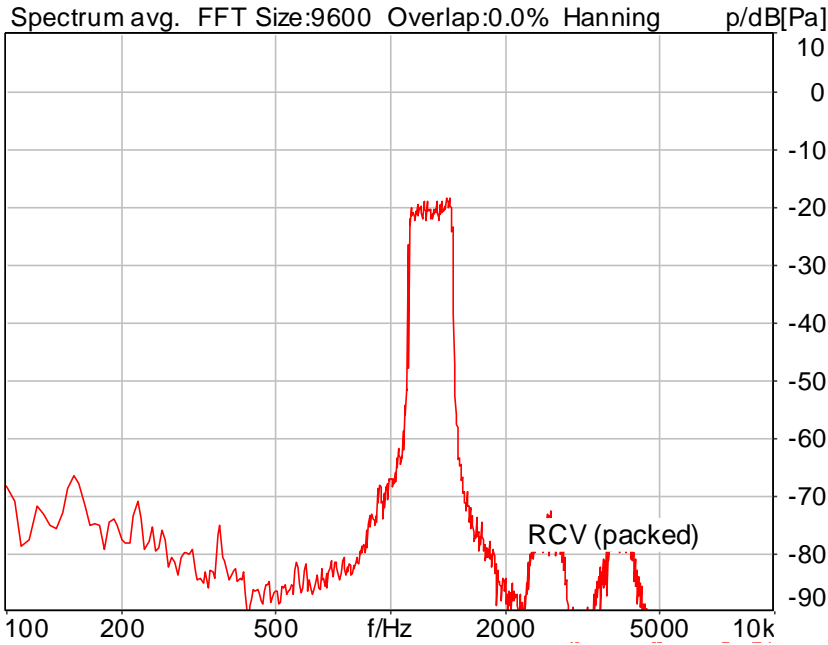
Limits

	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): 33.83 dB (2.03%) Ok

Ok

2023/10/21 下午 04:49 ACQUA 5.1.200

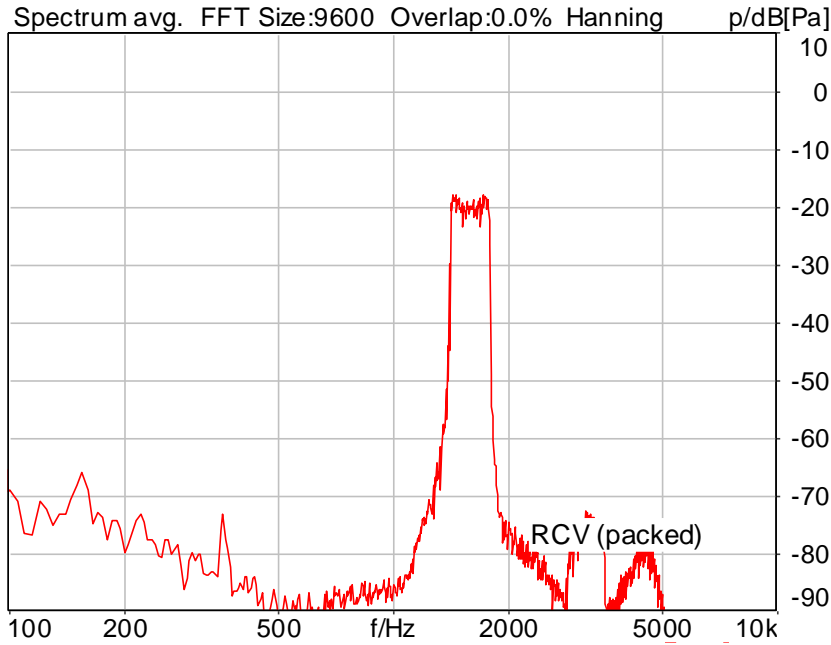
Limits

	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): 44.16 dB (0.62%) Ok

Ok

2023/10/21 下午 04:49 ACQUA 5.1.200

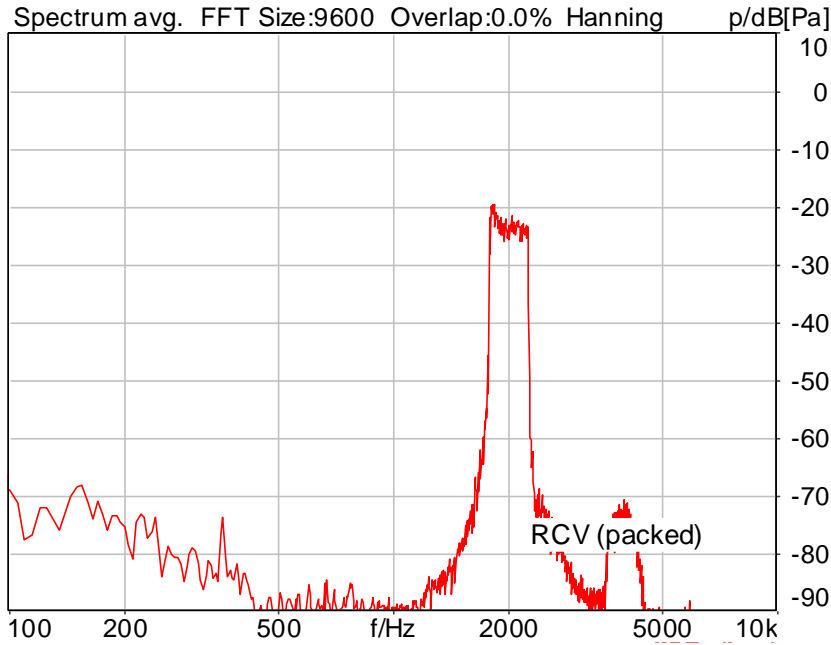
Limits

	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): 41.28 dB (0.86%) Ok

Ok

2023/10/21 下午 04:50 ACQUA 5.1.200

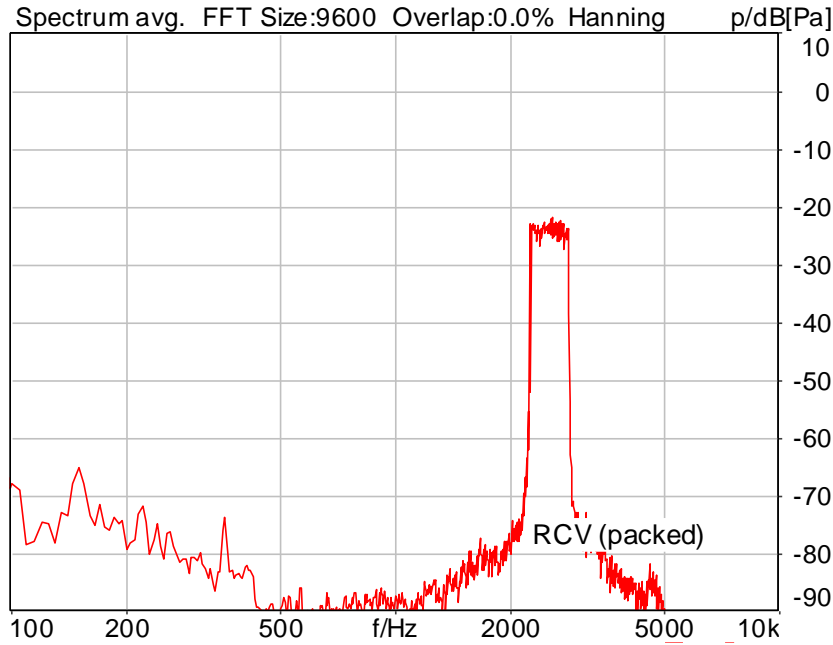
Limits

	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): 46.28 dB (0.49%) Ok

Ok

2023/10/21 下午 04:50 ACQUA 5.1.200

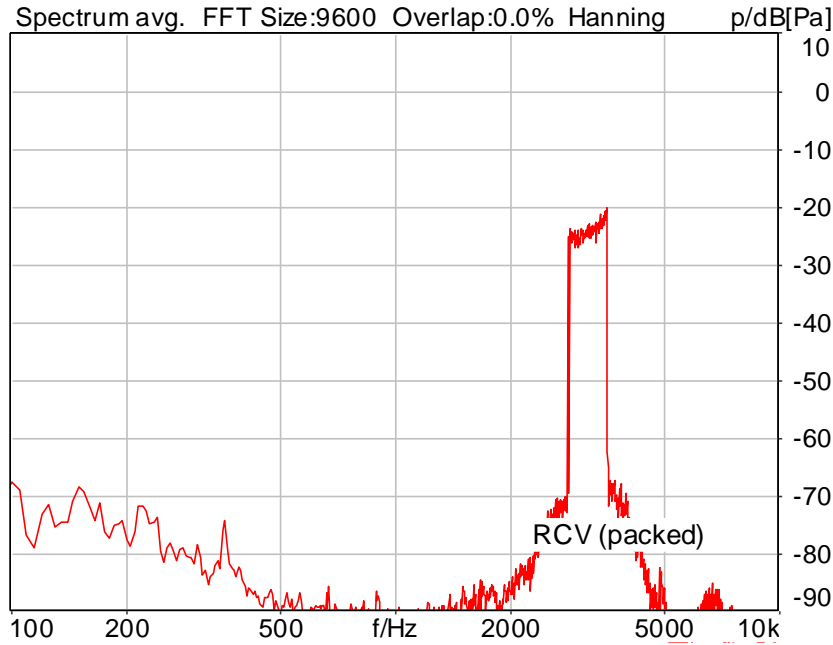
Limits

	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): 45.00 dB (0.56%) Ok

Ok

2023/10/21 下午 04:51 ACQUA 5.1.200

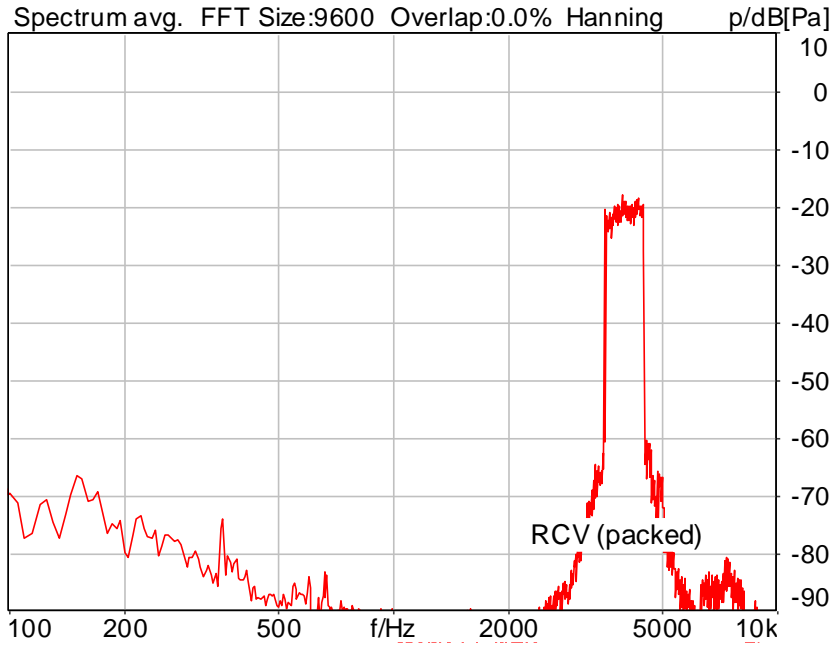
Limits

	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): 44.80 dB (0.58%) Ok

**Ok**

2023/10/21 下午 04:51 ACQUA 5.1.200

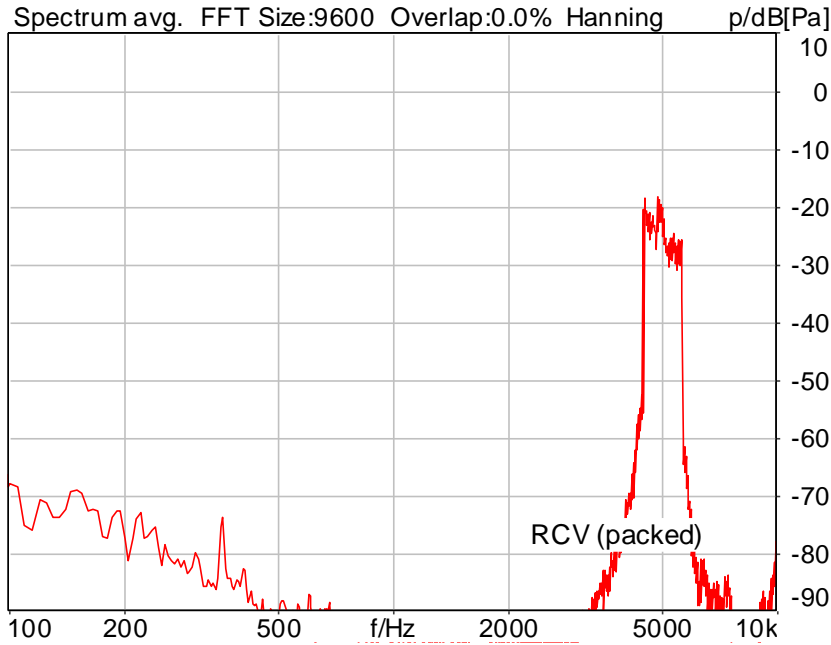
**Limits**

	<b>lower</b>
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): 39.48 dB (1.06%) Ok

Ok

2023/10/21 下午 04:52 ACQUA 5.1.200

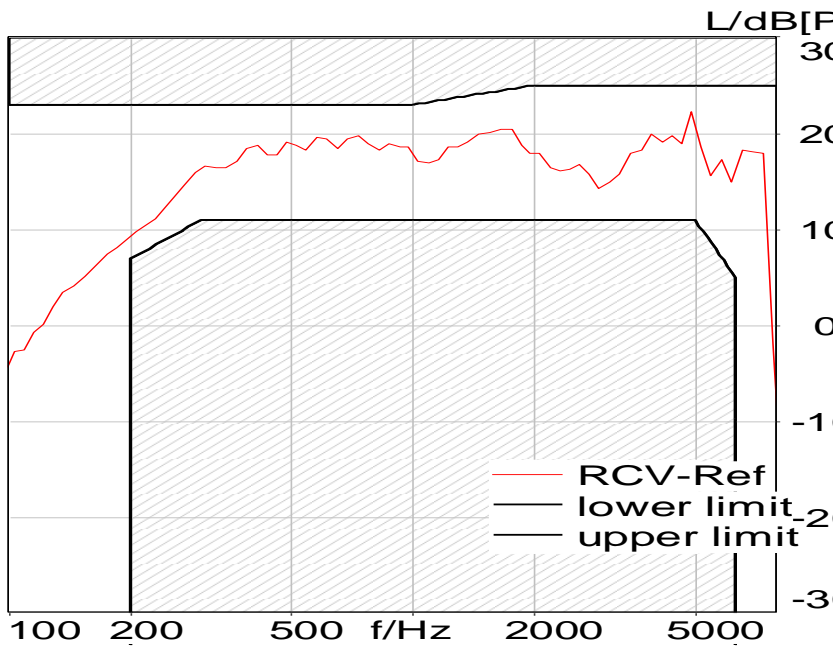
Limits

	lower
Run 1	20.00 dB



### 5.3 Frequency Response 8N FF

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



Absolute minimal distance  
2.63 dB at 4870.0 Hz Ok

Ok

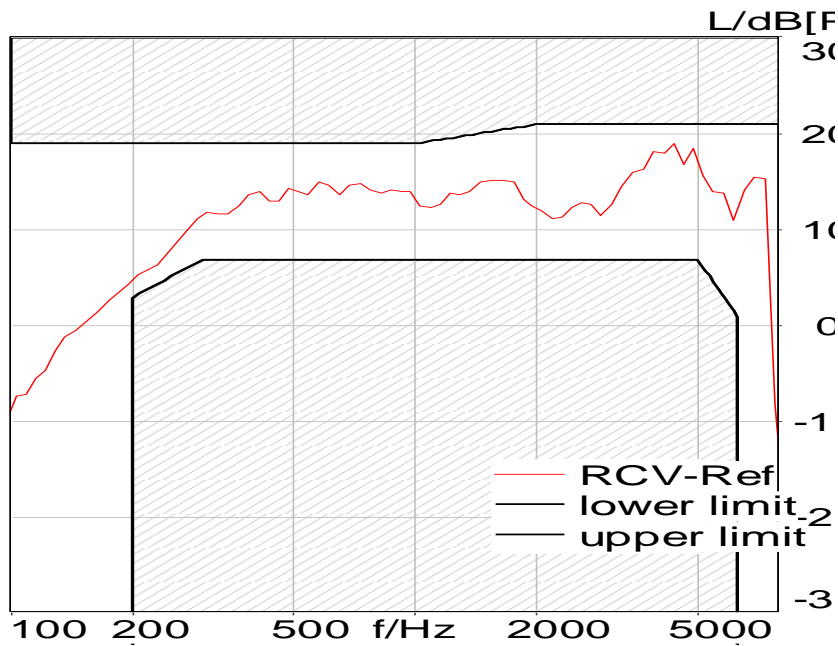
2023/10/21 下午 04:52 ACQUA 5.1.200

**Limits**

	lower
Run 1	Fit into tolerance

### 5.3 Frequency Response 2N FF

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



Absolute minimal distance  
2.03 dB at 4369.4 Hz Ok

Ok

2023/10/21 下午 04:53 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



#14 WiFi 2.4GHz EVS NB 24.4Kbps

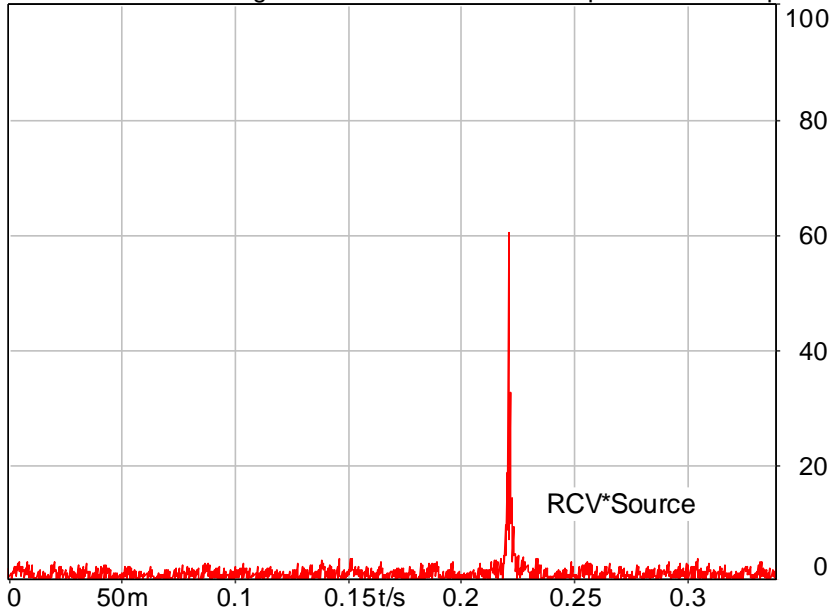
SMD	Status	Single Value Description	Single Value
Overall Receive Delay NB	Done	Delay (Cross) [ms]	221.3
5.1a Receive Volume Control Performance 8N NB	Ok	Speech Level [dB[SPL]]	90.01
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	89.41
5.2 RCV Distortion and Noise - 400 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	34.26
5.2 RCV Distortion and Noise - 500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	36.96
5.2 RCV Distortion and Noise - 630 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	37.54
5.2 RCV Distortion and Noise - 800 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	40.02
5.2 RCV Distortion and Noise - 1000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	41.79
5.2 RCV Distortion and Noise - 1250 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	32.26
5.2 RCV Distortion and Noise - 1600 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	40.74
5.2 RCV Distortion and Noise - 2000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	31.41
5.2 RCV Distortion and Noise - 2500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	45.36
5.2 RCV Distortion and Noise - 3150 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	39.03
5.2 RCV Distortion and Noise - 400 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	33.54
5.2 RCV Distortion and Noise - 500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	29.75
5.2 RCV Distortion and Noise - 630 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	26.28
5.2 RCV Distortion and Noise - 800 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	40.91
5.2 RCV Distortion and Noise - 1000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	28.06
5.2 RCV Distortion and Noise - 1250 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	26.95
5.2 RCV Distortion and Noise - 1600 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	29.40
5.2 RCV Distortion and Noise - 2000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	25.80
5.2 RCV Distortion and Noise - 2500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	32.14
5.2 RCV Distortion and Noise - 3150 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	44.96
5.3 Frequency Response 8N FF HANB	Ok	Min. dist. to tolerance scheme [dB], 1447.5 Hz	1.76
5.3 Frequency Response 2N FF HANB	Ok	Min. dist. to tolerance scheme [dB], 1447.5 Hz	2.39



### Overall Receive Delay NB

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

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



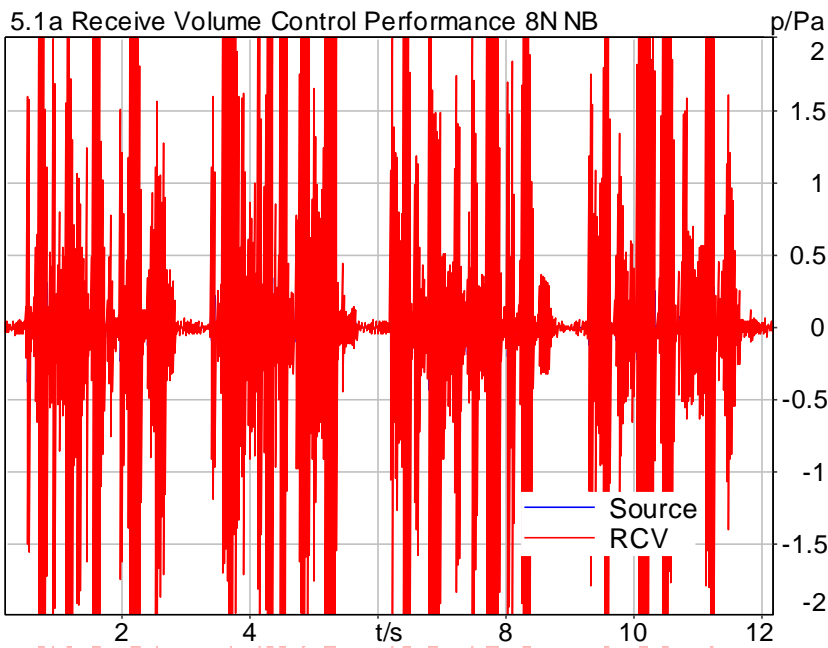
Delay (Cross): 221.3 ms

2023/10/30 下午 04:18 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N NB

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



Speech Level RCV: 90.01 dB[SPL], Act.: 59.23% Ok

Ok

2023/10/30 下午 04:18 ACQUA 5.1.200

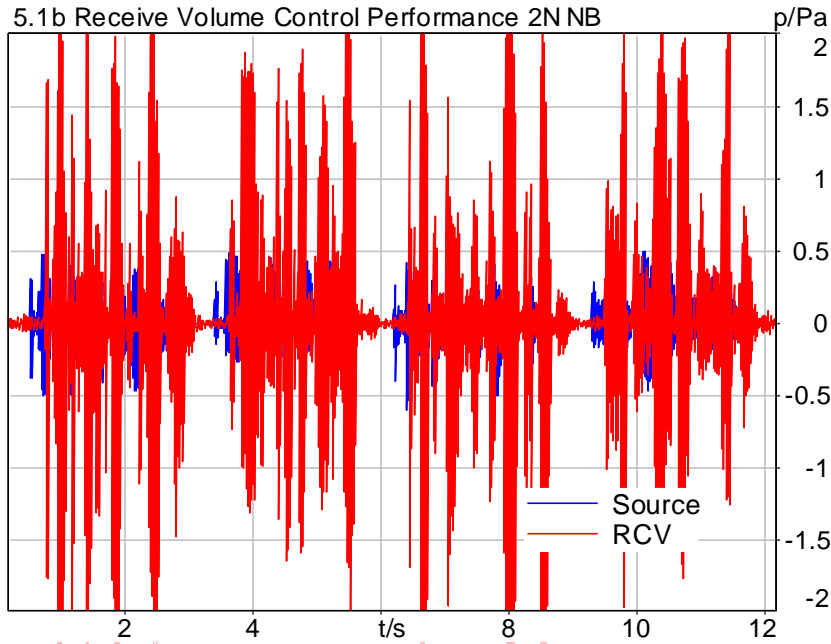
Limits

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N NB

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



Speech Level RCV: 89.41 dB[SPL], Act.: 23.64% Ok

Ok

2023/10/30 下午 04:19 ACQUA 5.1.200

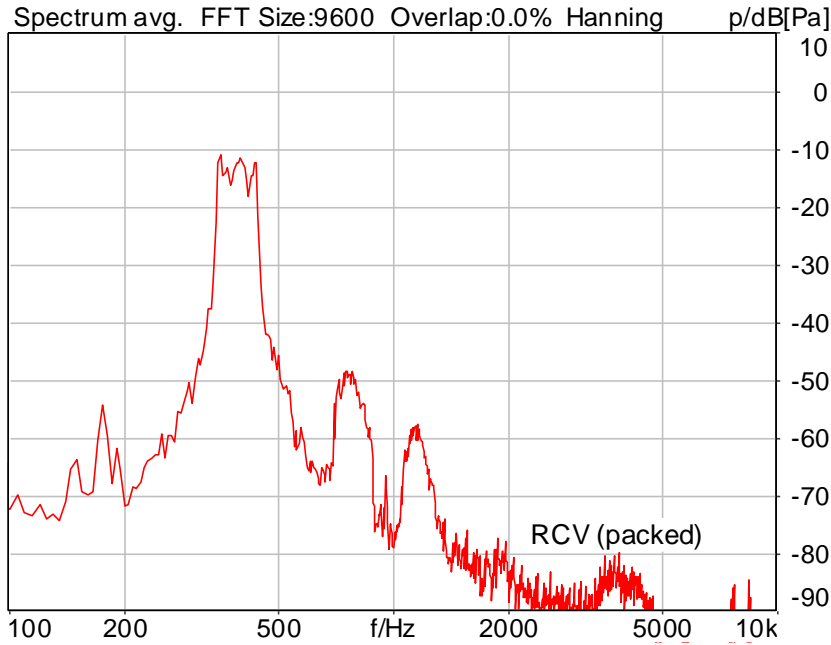
Limits

	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): 34.26 dB (1.94%) Ok

Ok

2023/10/30 下午 04:20 ACQUA 5.1.200

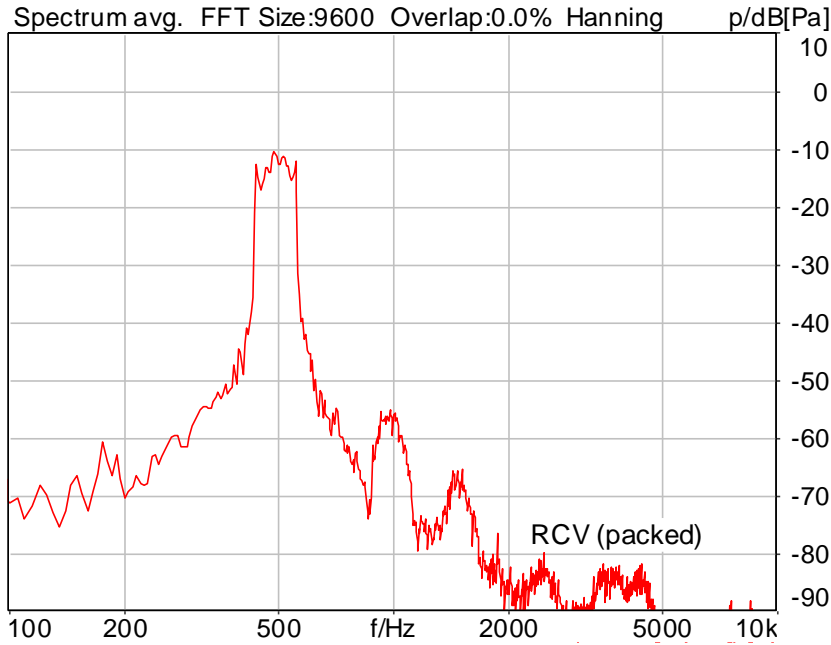
Limits

	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): 36.96 dB (1.42%) Ok

Ok

2023/10/30 下午 04:20 ACQUA 5.1.200

Limits

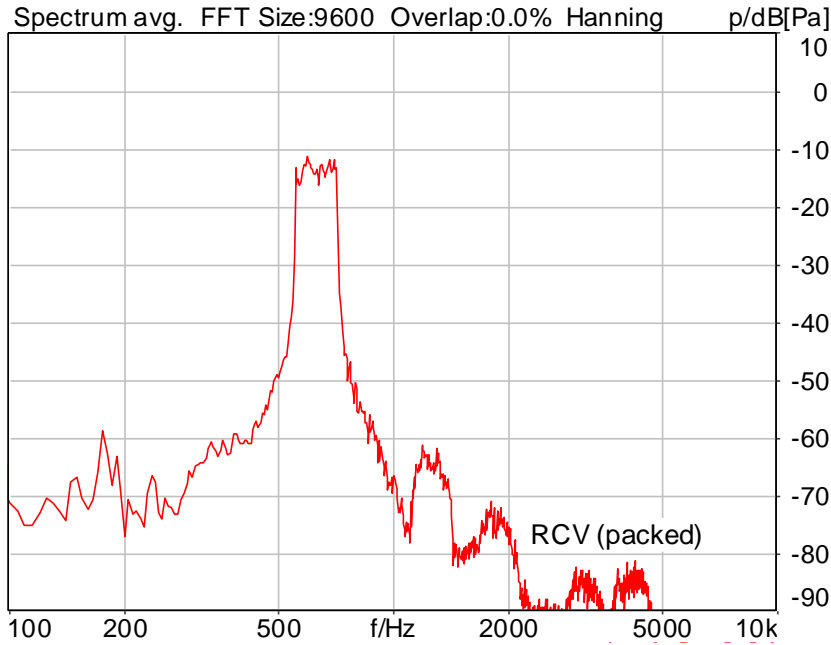
	lower
Run 1	20.00 dB





### 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): 37.54 dB (1.33%) Ok

Ok

2023/10/30 下午 04:21 ACQUA 5.1.200

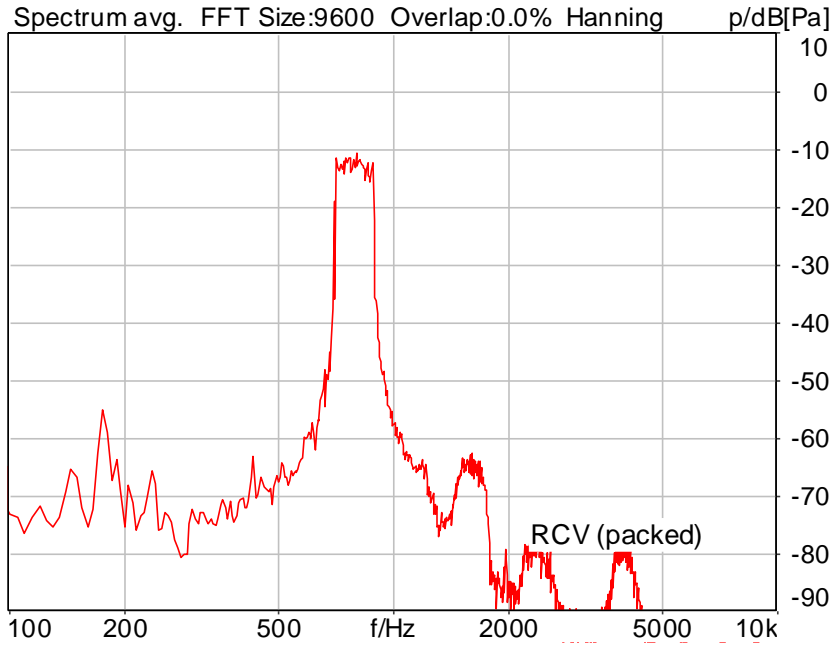
Limits

	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): 40.02 dB (1.00%) Ok

Ok

2023/10/30 下午 04:21 ACQUA 5.1.200

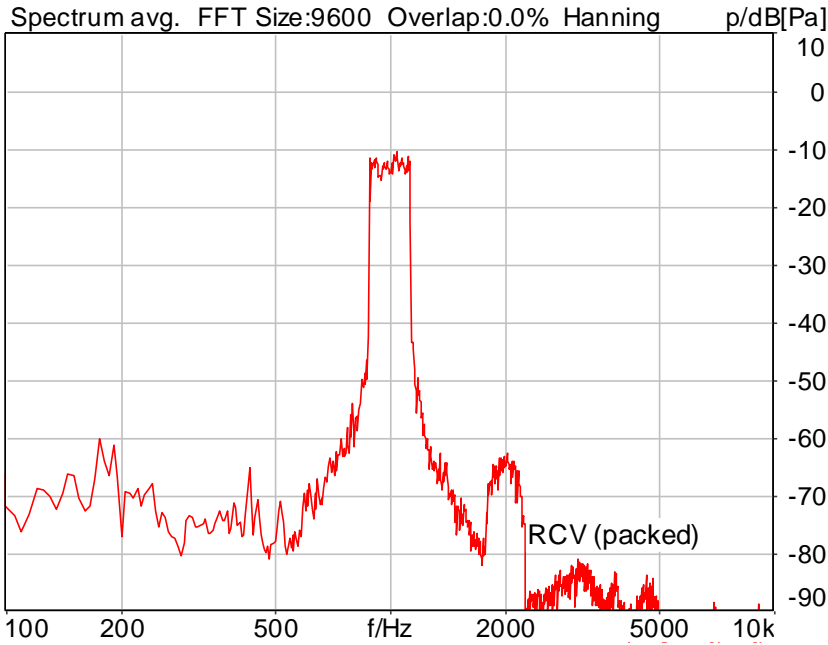
Limits

	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): 41.79 dB (0.81%) Ok

Ok

2023/10/30 下午 04:22 ACQUA 5.1.200

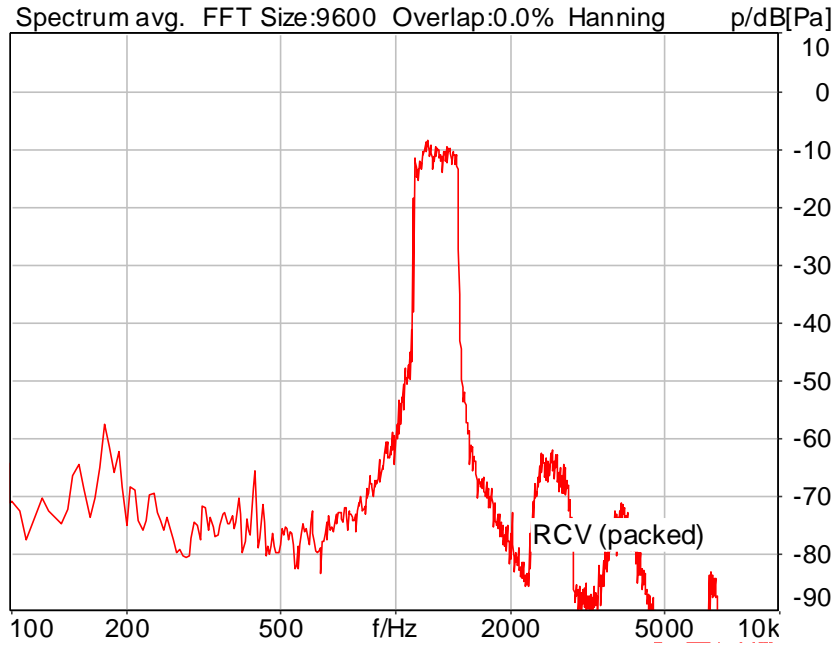
Limits

	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): 32.26 dB (2.44%) Ok

Ok

2023/10/30 下午 04:22 ACQUA 5.1.200

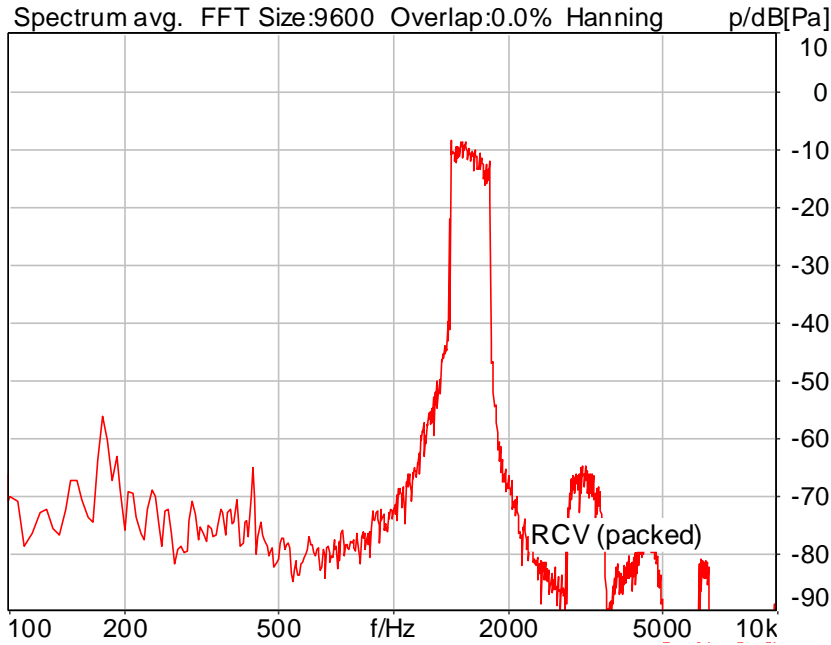
Limits

	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): 40.74 dB (0.92%) Ok

Ok

2023/10/30 下午 04:23 ACQUA 5.1.200

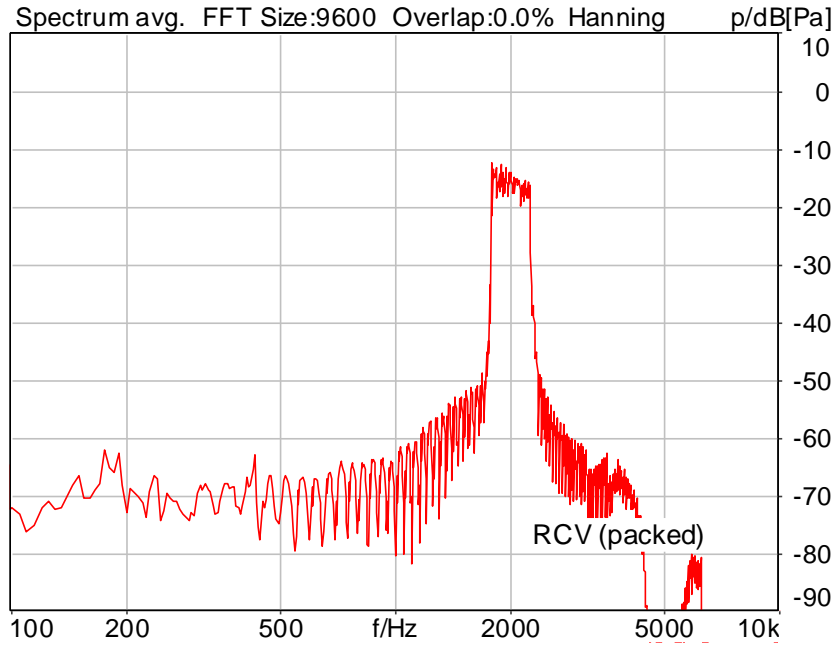
Limits

	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): 31.41 dB (2.69%) Ok

Ok

2023/10/30 下午 04:23 ACQUA 5.1.200

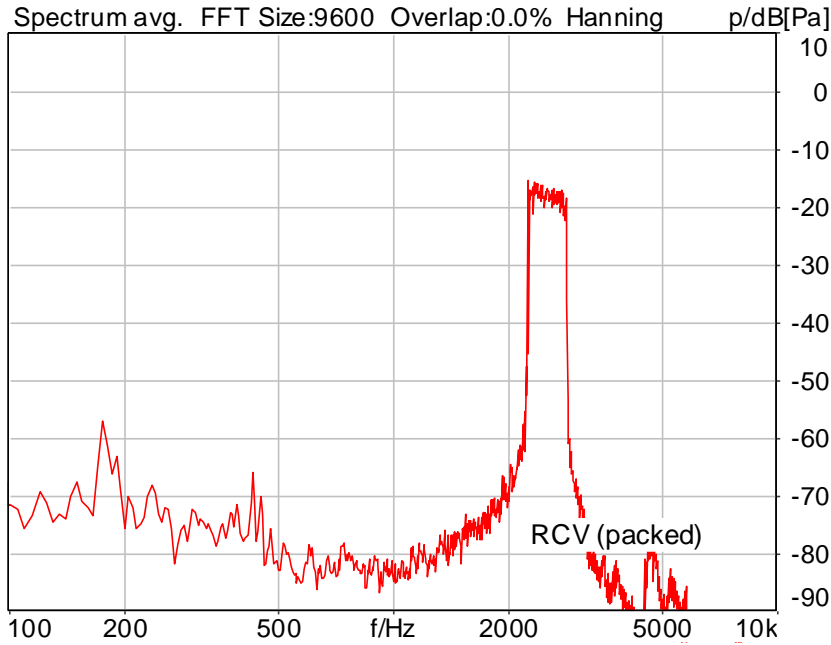
Limits

	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): 45.36 dB (0.54%) Ok

Ok

2023/10/30 下午 04:24 ACQUA 5.1.200

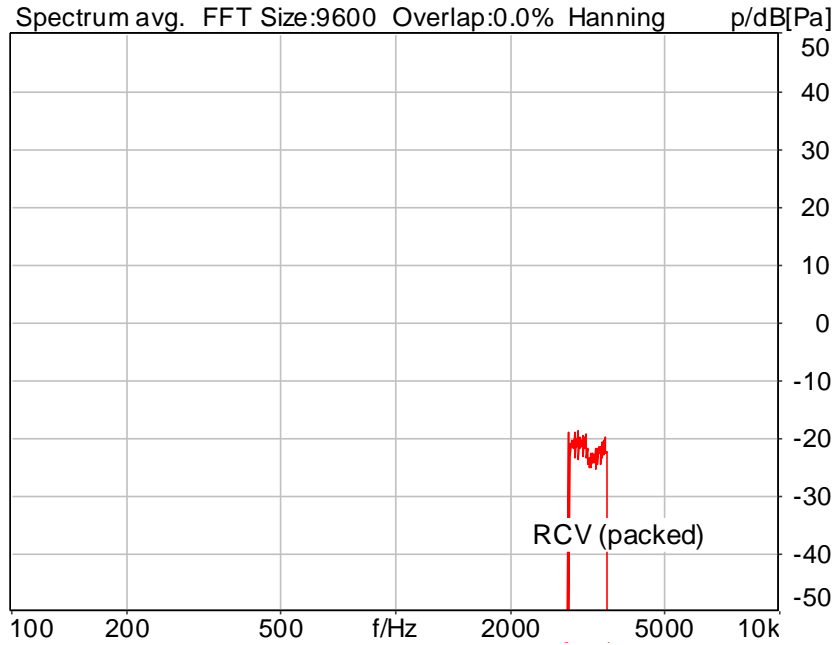
Limits

	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): 39.03 dB (1.12%) Ok

Ok

2023/10/30 下午 04:24 ACQUA 5.1.200

Limits

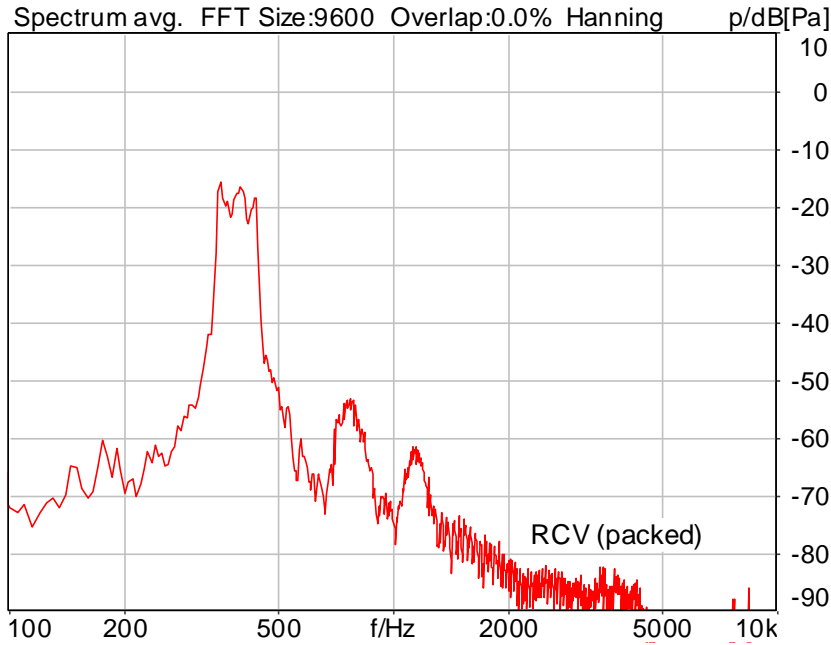
	lower
Run 1	20.00 dB





### 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): 33.54 dB (2.10%) Ok

Ok

2023/10/30 下午 04:25 ACQUA 5.1.200

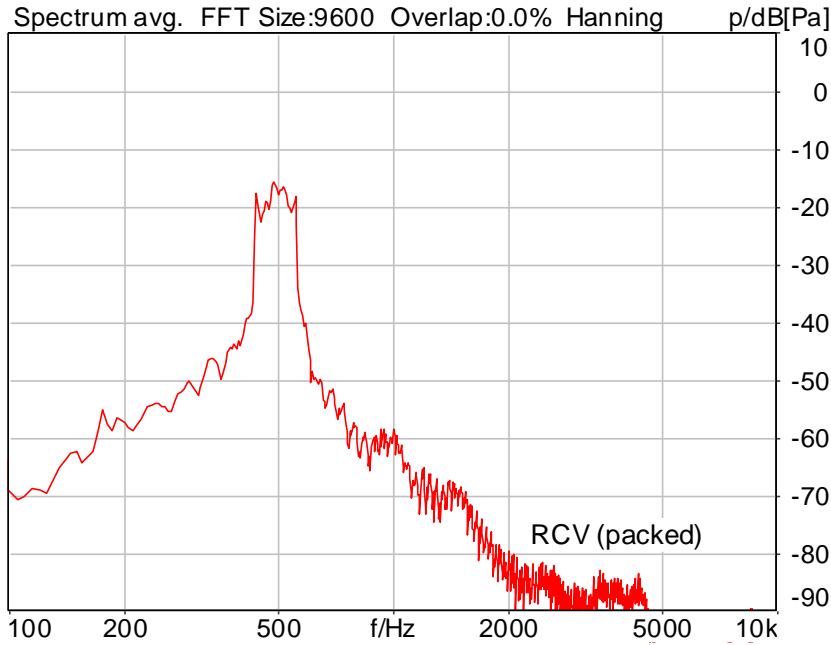
Limits

	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): 29.75 dB (3.25%) Ok

Ok

2023/10/30 下午 04:26 ACQUA 5.1.200

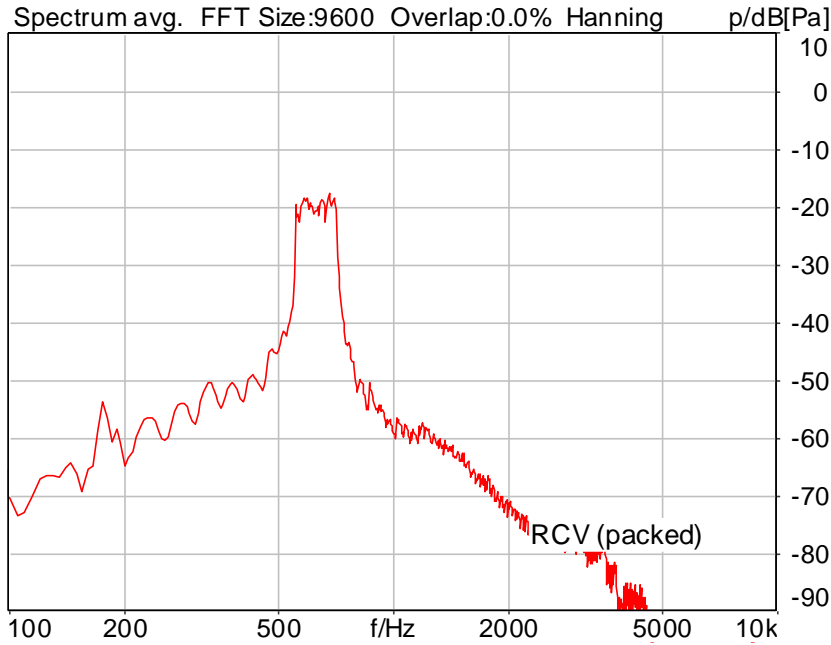
Limits

	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): 26.28 dB (4.85%) Ok

Ok

2023/10/30 下午 04:26 ACQUA 5.1.200

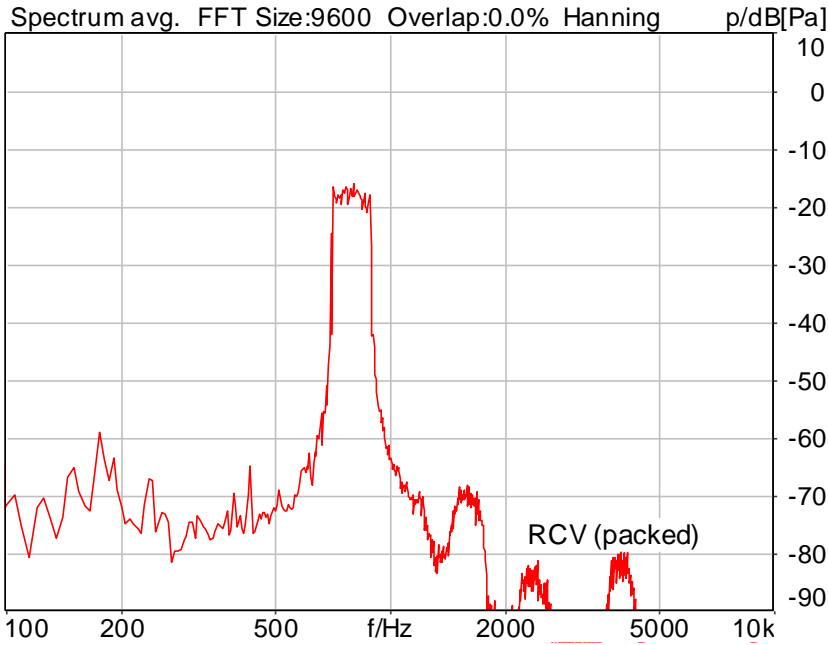
Limits

	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): 40.91 dB (0.90%) Ok

Ok

2023/10/30 下午 04:27 ACQUA 5.1.200

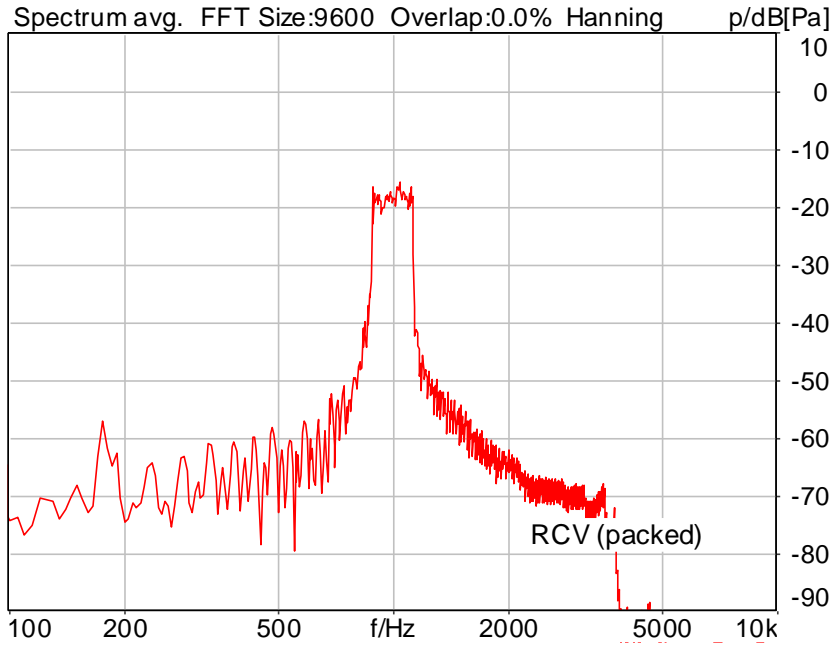
Limits

	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): 28.06 dB (3.95%) Ok

Ok

2023/10/30 下午 04:27 ACQUA 5.1.200

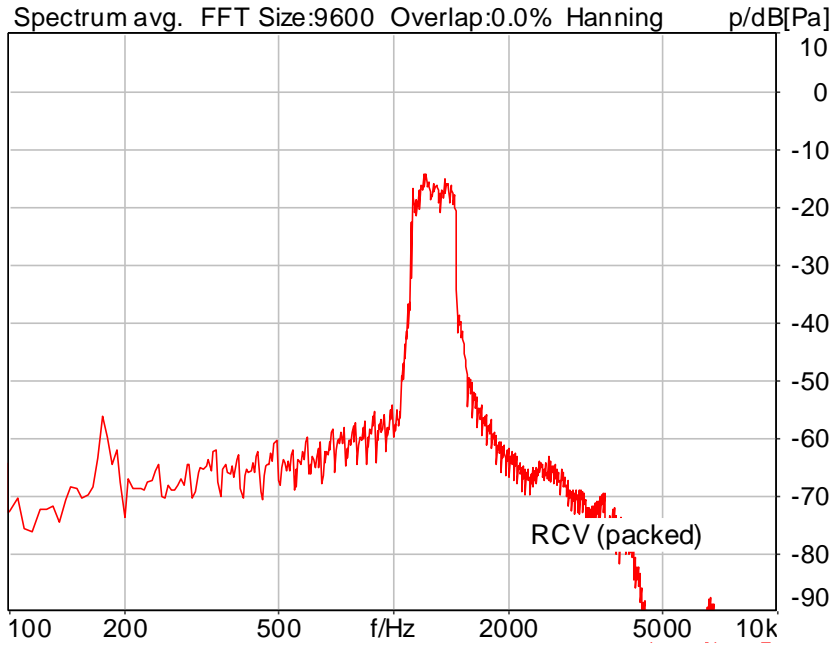
Limits

	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): 26.95 dB (4.49%) Ok

Ok

2023/10/30 下午 04:28 ACQUA 5.1.200

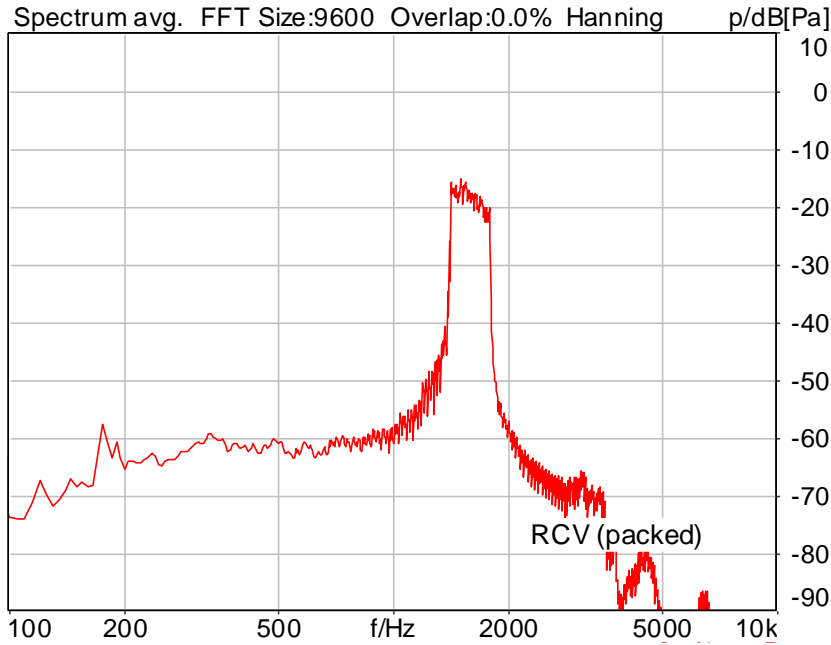
Limits

	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): 29.40 dB (3.39%) Ok

Ok

2023/10/30 下午 04:28 ACQUA 5.1.200

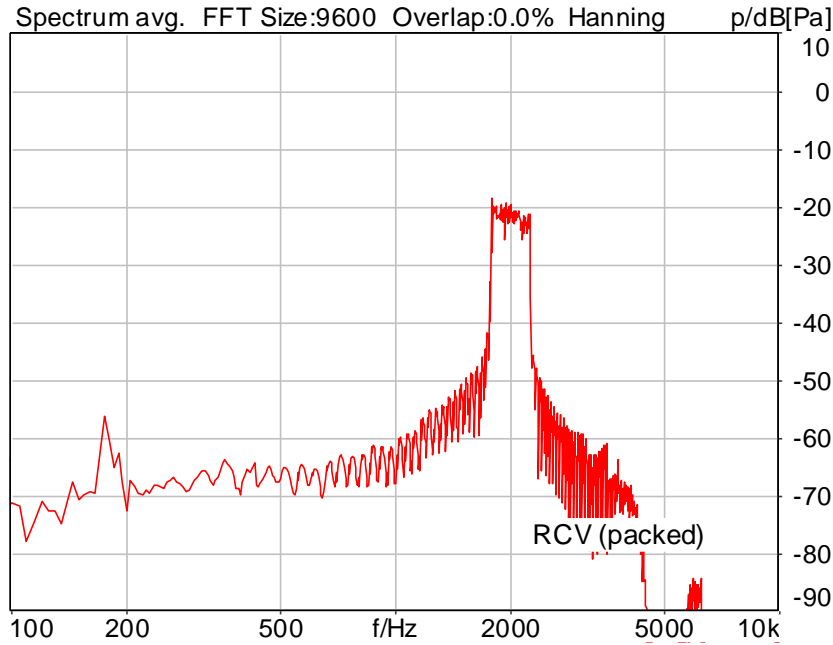
Limits

	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): 25.80 dB (5.13%) Ok

Ok

2023/10/30 下午 04:28 ACQUA 5.1.200

Limits

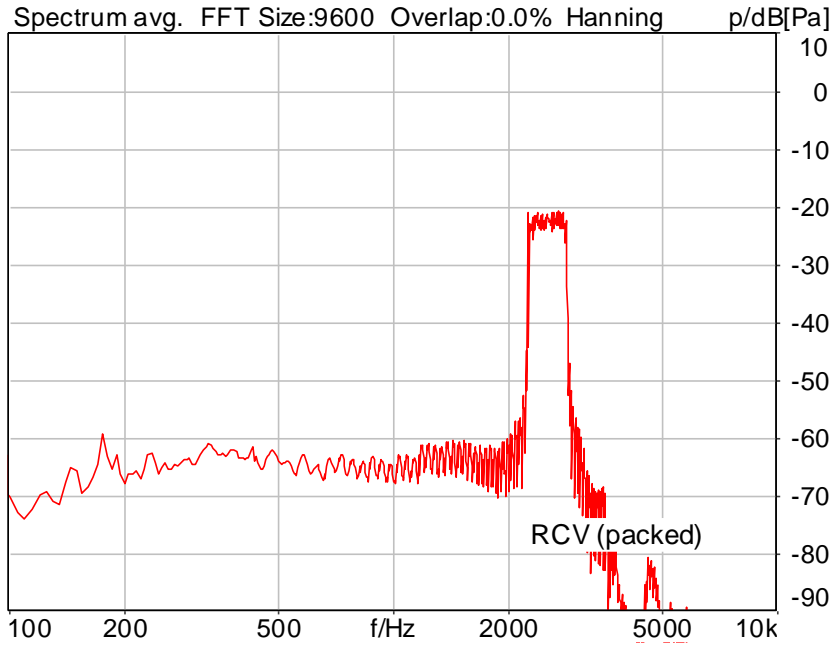
	lower
Run 1	20.00 dB





### 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): 32.14 dB (2.47%) Ok

Ok

2023/10/30 下午 04:29 ACQUA 5.1.200

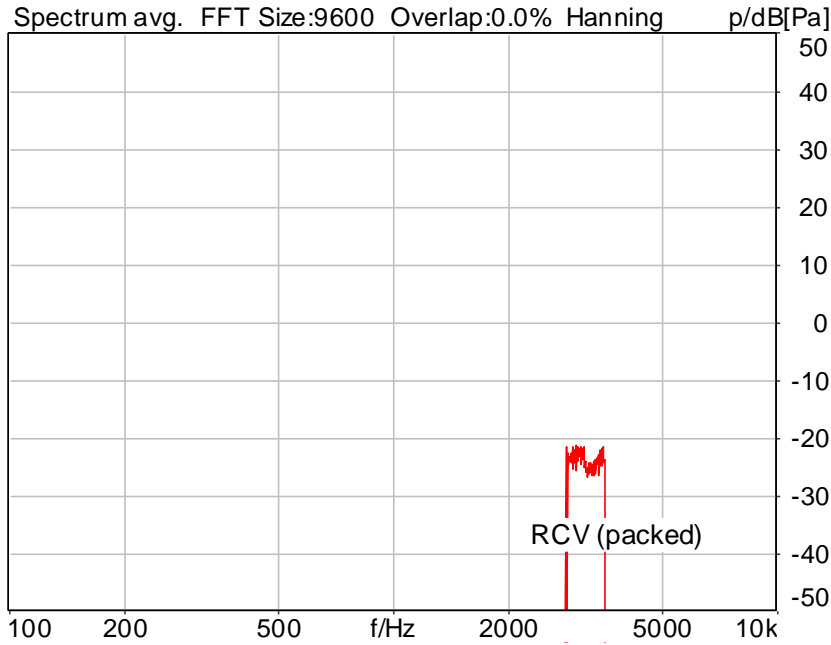
Limits

	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): 44.96 dB (0.56%) Ok

Ok

2023/10/30 下午 04:29 ACQUA 5.1.200

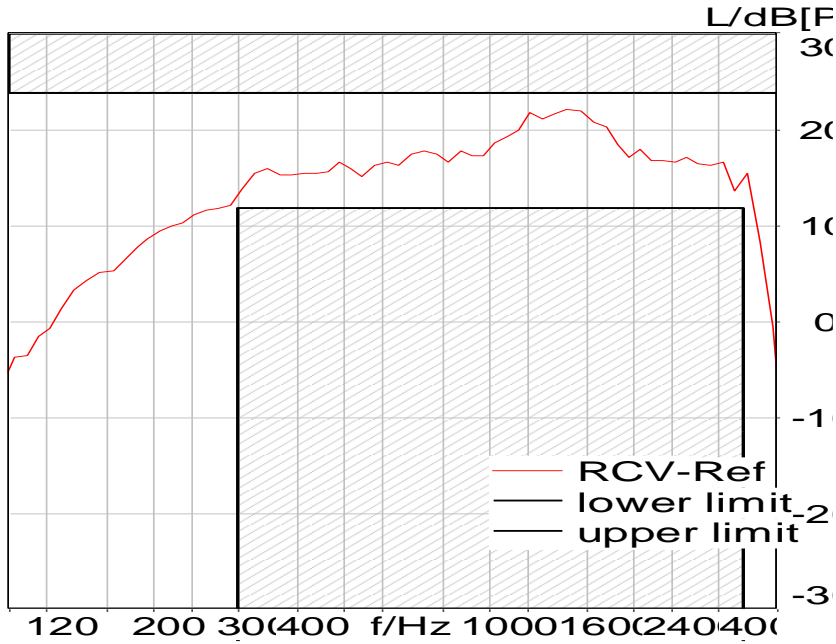
Limits

	lower
Run 1	20.00 dB



### 5.3 Frequency Response 8N FF HANB

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



Absolute minimal distance  
1.76 dB at 1447.5 Hz Ok

Ok

2023/10/30 下午 04:30 ACQUA 5.1.200

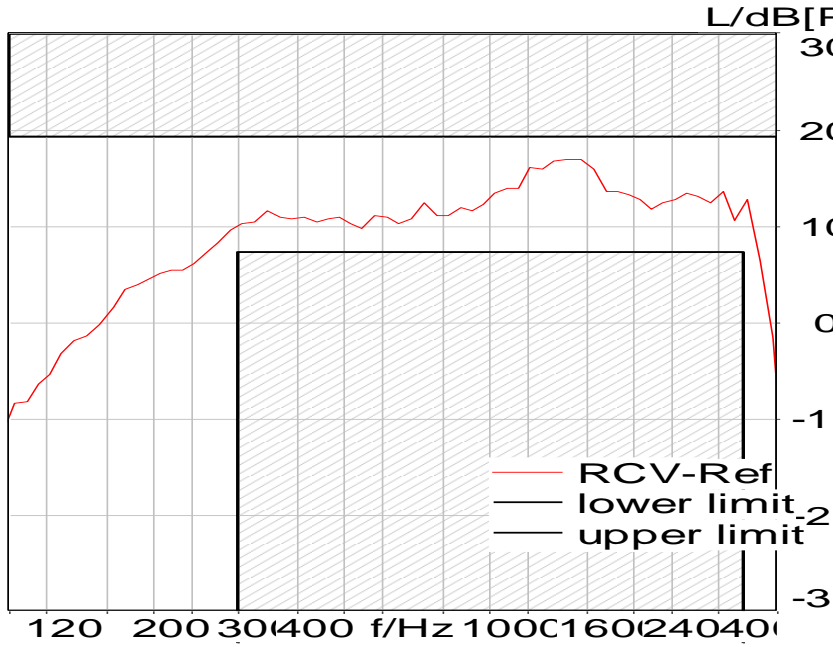
**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



### 5.3 Frequency Response 2N FF HANB

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



Absolute minimal distance  
2.39 dB at 1447.5 Hz Ok

Ok

2023/10/30 下午 04:31 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



**#15 WiFi 5.2GHz EVS WB 24.4Kbps**

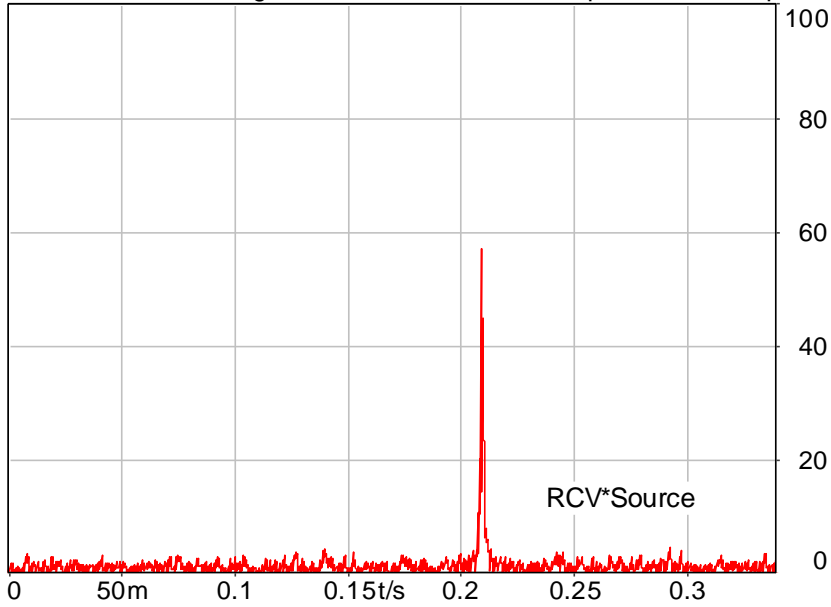
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	209.4
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	90.54
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.22
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	29.30
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	21.25
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.67
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.10
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	37.12
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	39.26
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.61
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.95
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.16
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	40.77
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	47.80
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.62
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.93
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.58
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	30.05
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.18
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.88
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	36.25
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	27.51
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	40.43
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.44
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.46
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.66
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	40.94
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	30.13
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.59
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.25
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	37.72
5.3 Frequency Response 8N FF	Ok	Min. dist. to tolerance scheme [dB], 2883.7 Hz	2.62
5.3 Frequency Response 2N FF	Ok	Min. dist. to tolerance scheme [dB], 3445.5 Hz	0.66



### Overall Receive Delay WB

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

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



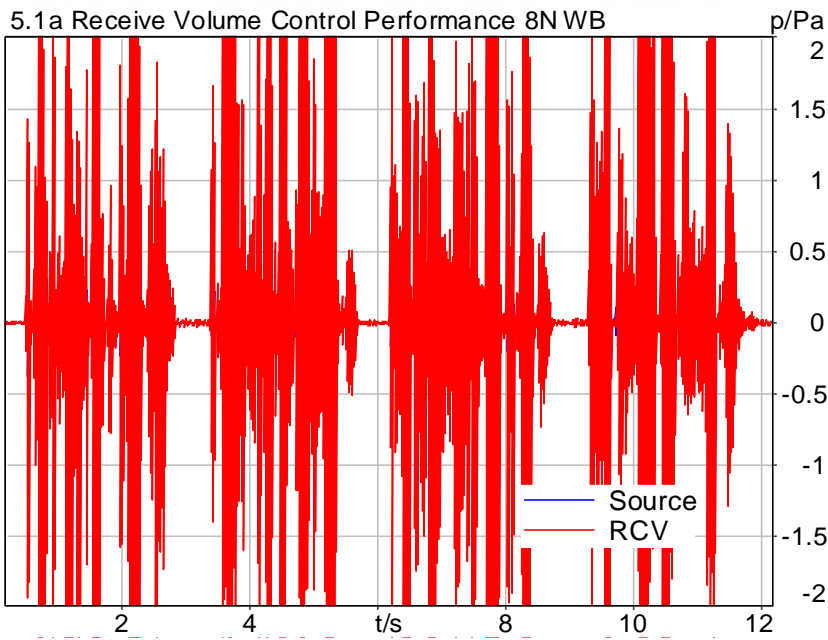
Delay (Cross): 209.4 ms

2023/11/1 上午 01:34 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 90.54 dB[SPL], Act.: 61.98% Ok

Ok

2023/11/1 上午 01:35 ACQUA 5.1.200

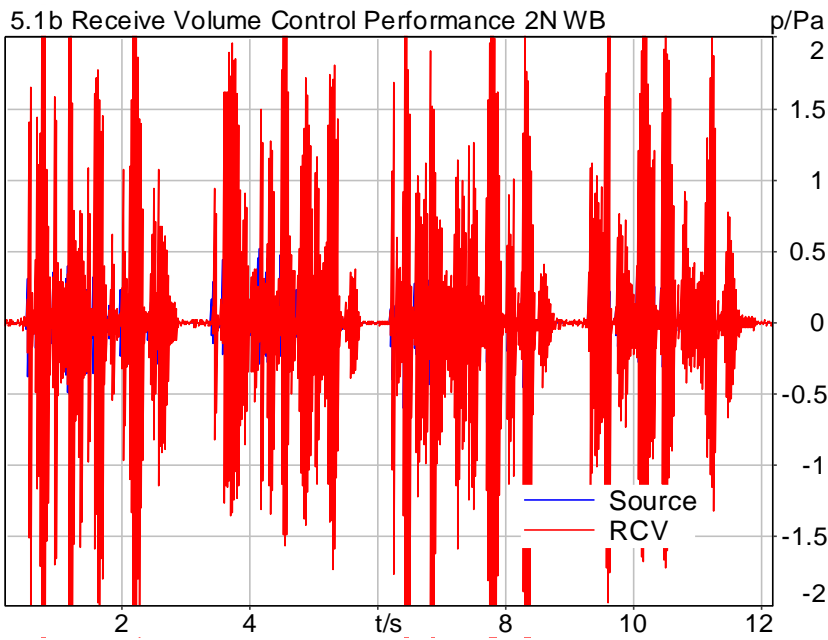
Limits

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 87.22 dB[SPL], Act.: 43.35% Ok

Ok

2023/11/1 上午 02:01 ACQUA 5.1.200

Limits

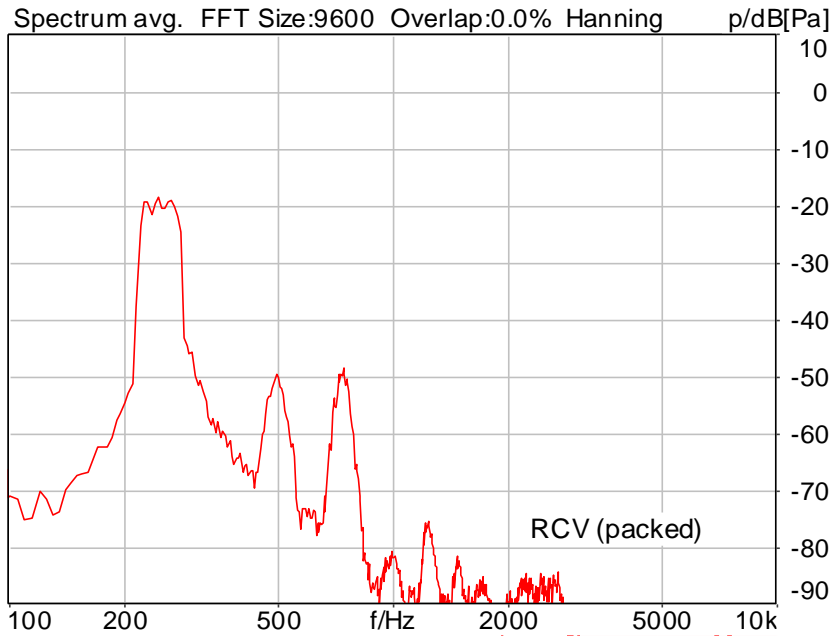
	lower
Run 1	76.00 dB20uPa





### 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): 29.30 dB (3.43%) Ok

Ok

2023/11/1 上午 01:37 ACQUA 5.1.200

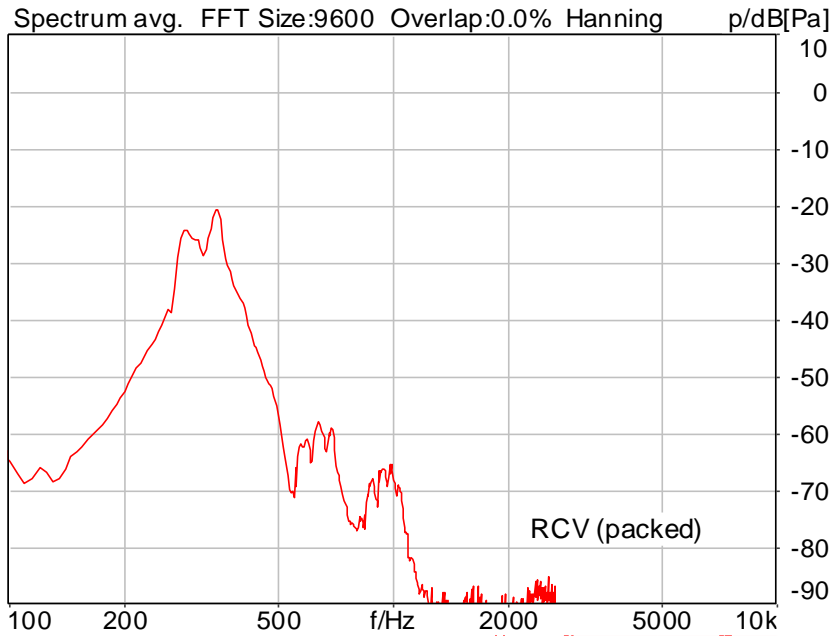
Limits

	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): 21.25 dB (8.66%) Ok

Ok

2023/11/1 上午 01:37 ACQUA 5.1.200

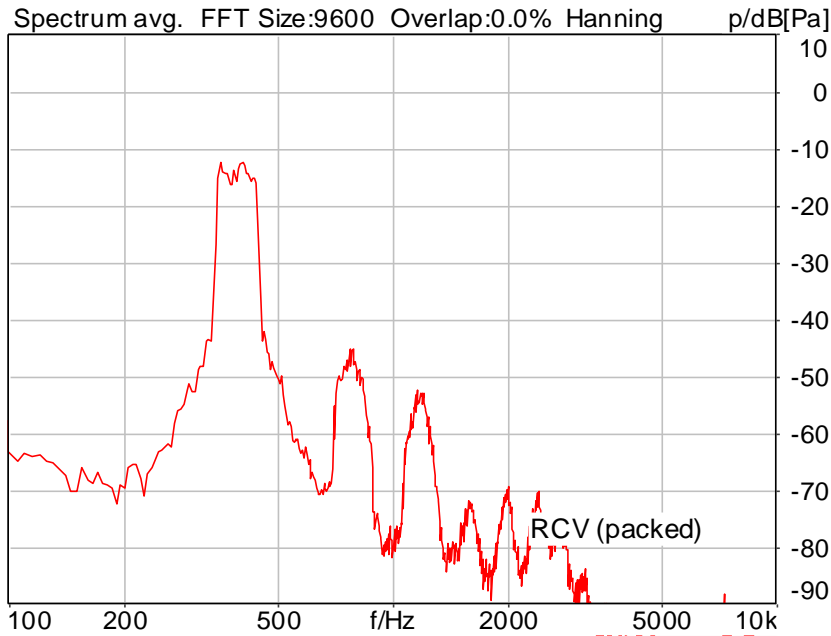
Limits

	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): 31.67 dB (2.61%) Ok

Ok

2023/11/1 上午 01:38 ACQUA 5.1.200

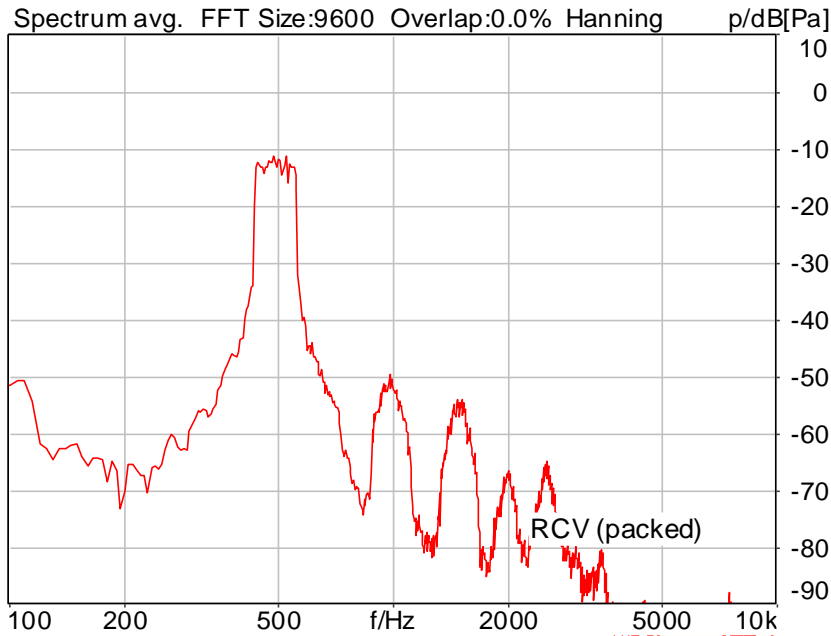
Limits

	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): 33.10 dB (2.21%) Ok

Ok

2023/11/1 上午 01:38 ACQUA 5.1.200

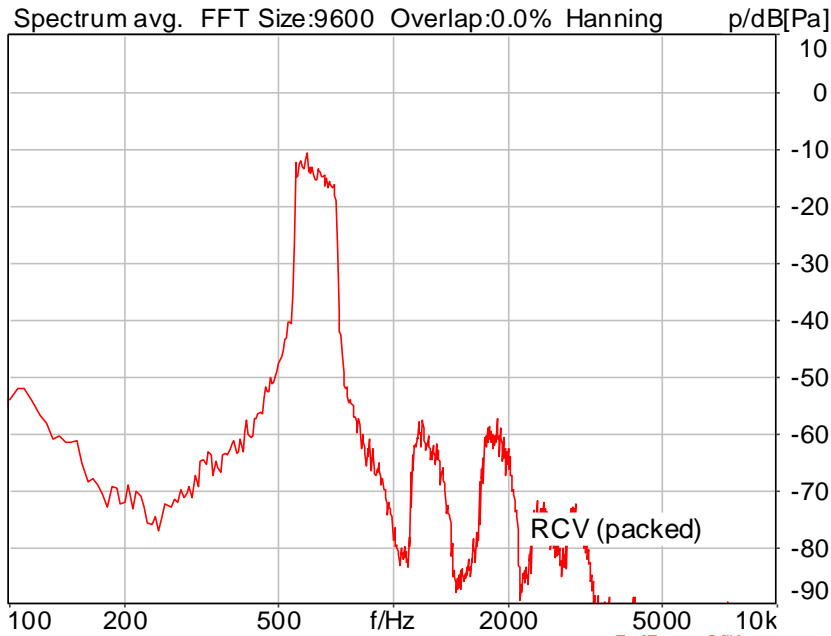
Limits

	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): 37.12 dB (1.39%) Ok

Ok

2023/11/1 上午 01:39 ACQUA 5.1.200

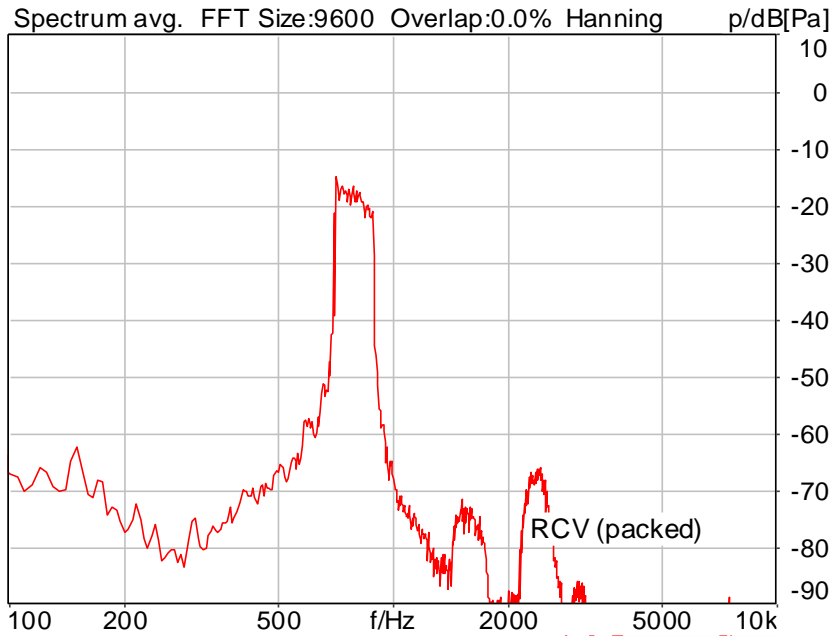
Limits

	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): 39.26 dB (1.09%) Ok

Ok

2023/11/1 上午 01:39 ACQUA 5.1.200

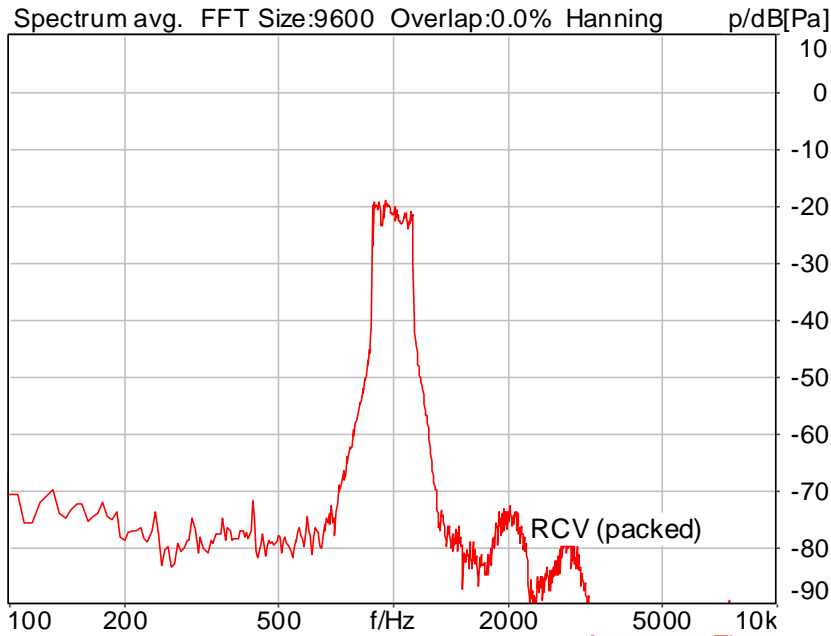
Limits

	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): 33.61 dB (2.09%) Ok

Ok

2023/11/1 上午 01:39 ACQUA 5.1.200

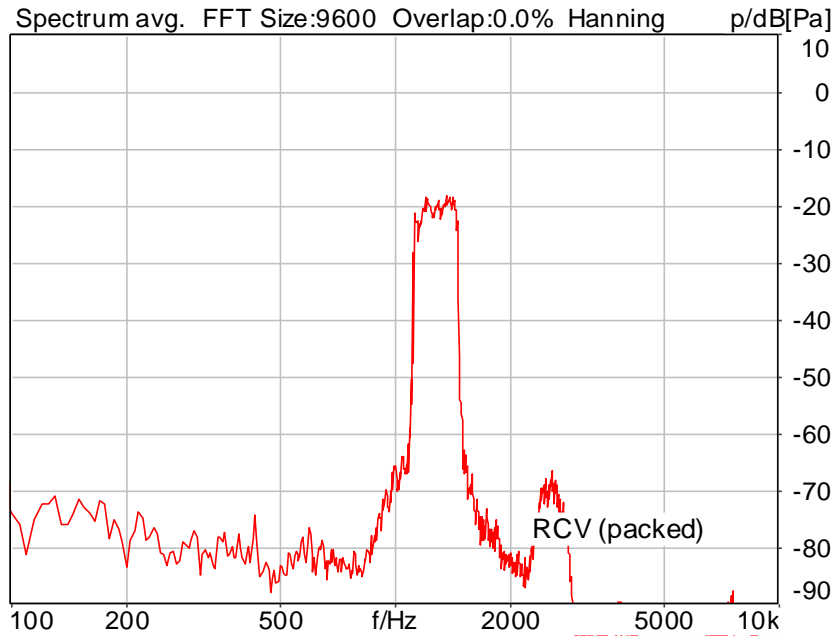
Limits

	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): 31.95 dB (2.53%) Ok

Ok

2023/11/1 上午 01:40 ACQUA 5.1.200

Limits

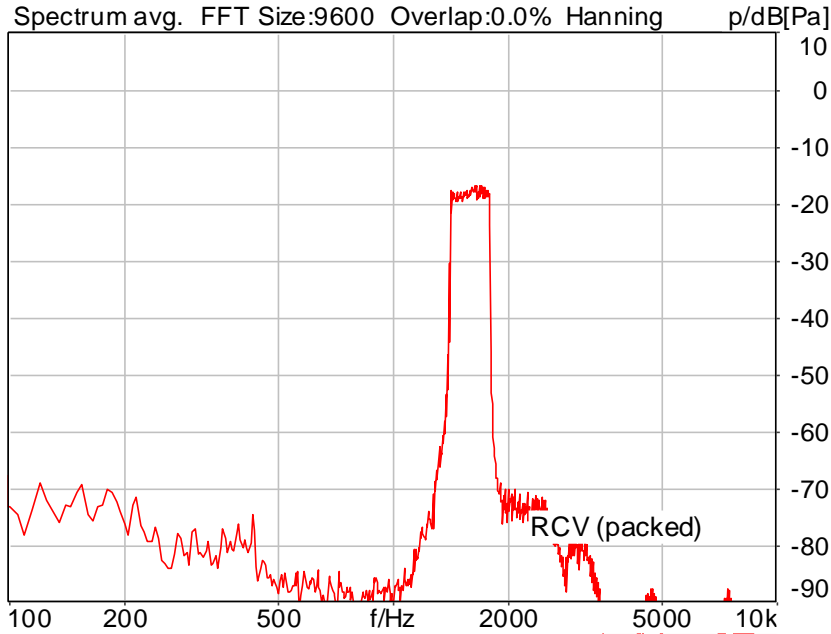
	lower
Run 1	20.00 dB





### 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): 46.16 dB (0.49%) Ok

Ok

2023/11/1 上午 01:40 ACQUA 5.1.200

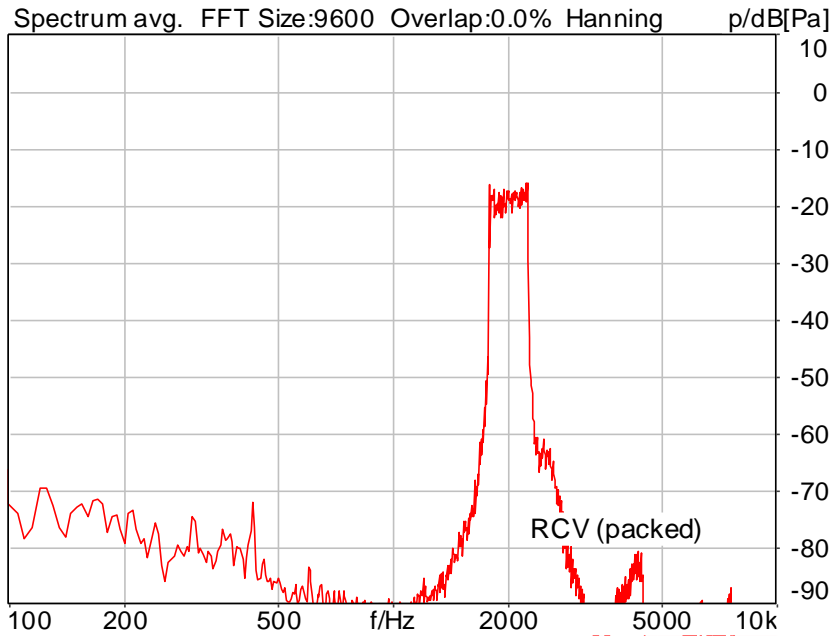
Limits

	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): 40.77 dB (0.92%) Ok

Ok

2023/11/1 上午 01:41 ACQUA 5.1.200

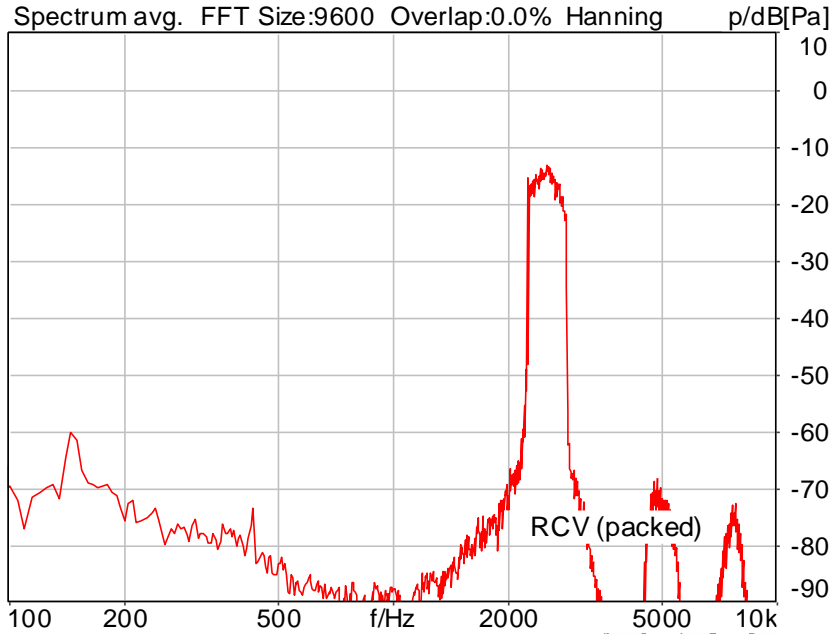
Limits

	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): 47.80 dB (0.41%) Ok

Ok

2023/11/1 上午 01:41 ACQUA 5.1.200

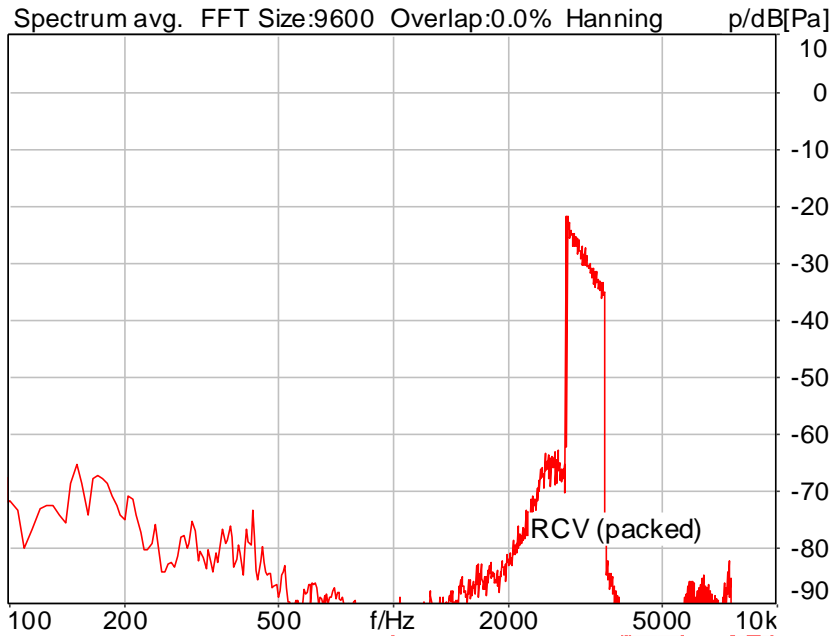
Limits

	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): 38.62 dB (1.17%) Ok

Ok

2023/11/1 上午 01:42 ACQUA 5.1.200

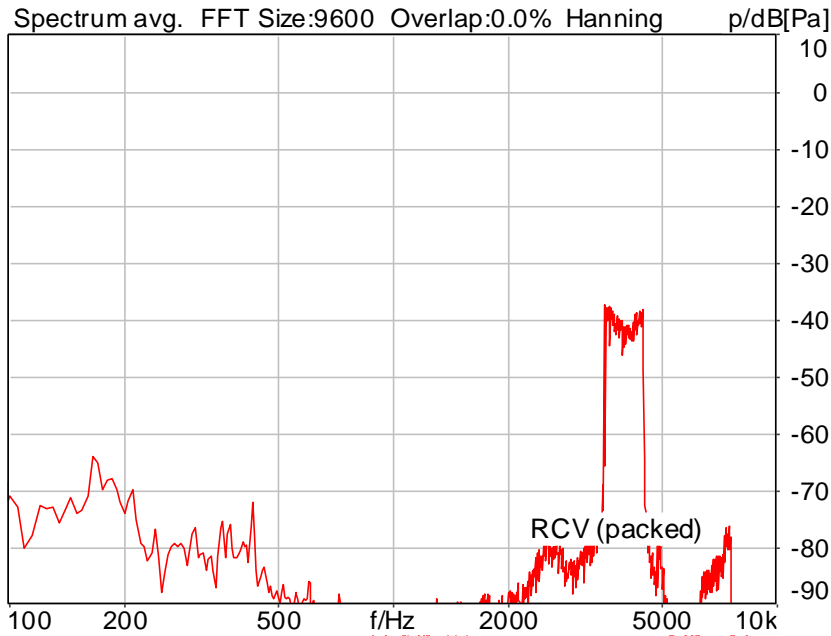
Limits

	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): 33.93 dB (2.01%) Ok

Ok

2023/11/1 上午 01:42 ACQUA 5.1.200

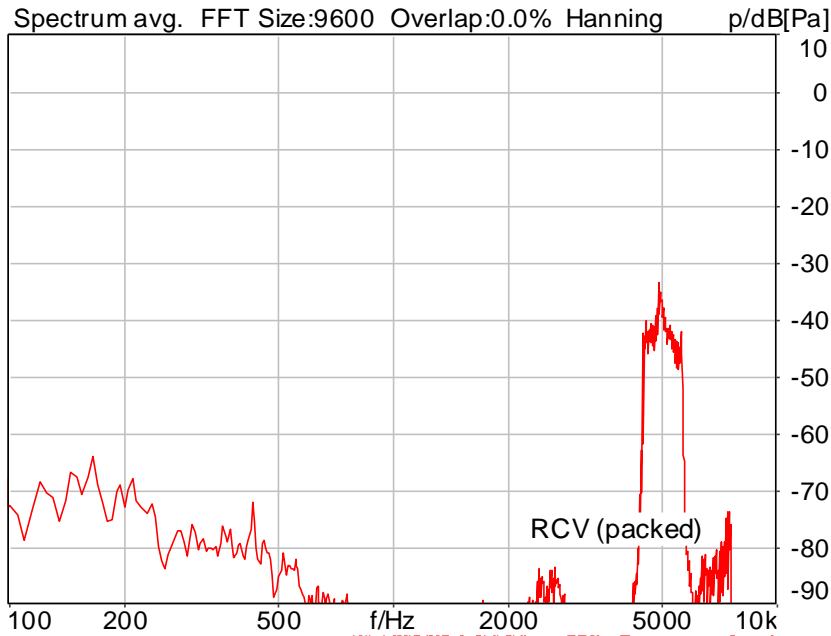
Limits

	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): 32.58 dB (2.35%) Ok

Ok

2023/11/1 上午 01:43 ACQUA 5.1.200

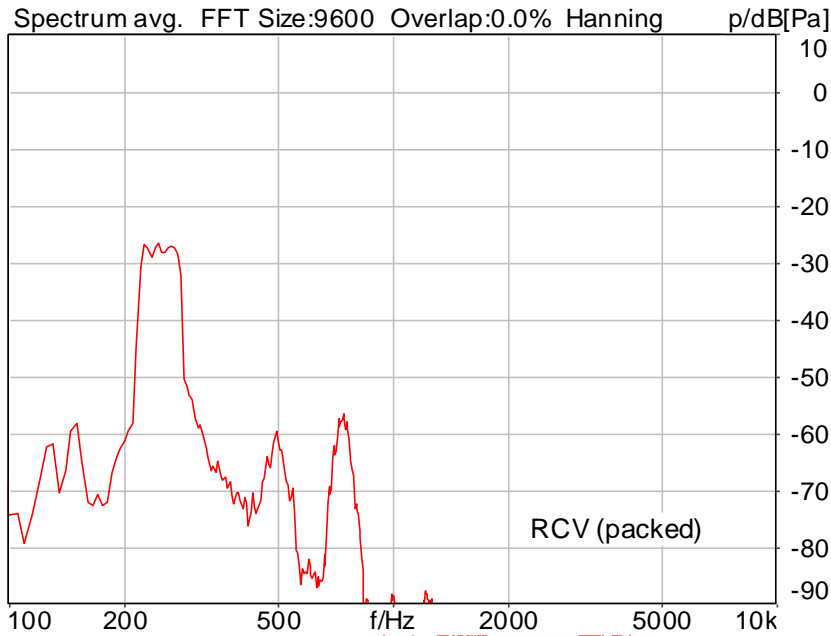
Limits

	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): 30.05 dB (3.15%) Ok

Ok

2023/11/1 上午 01:44 ACQUA 5.1.200

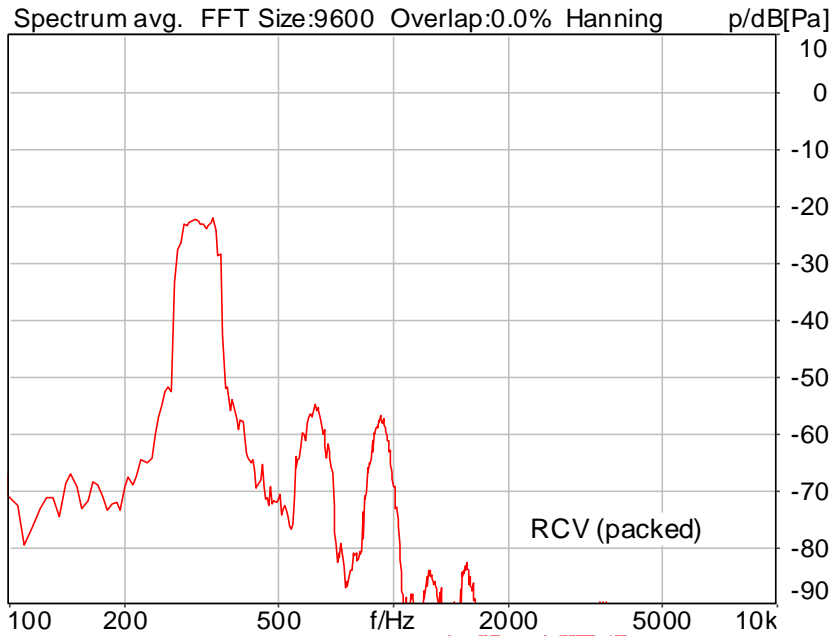
Limits

	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): 31.18 dB (2.76%) Ok

Ok

2023/11/1 上午 01:44 ACQUA 5.1.200

Limits

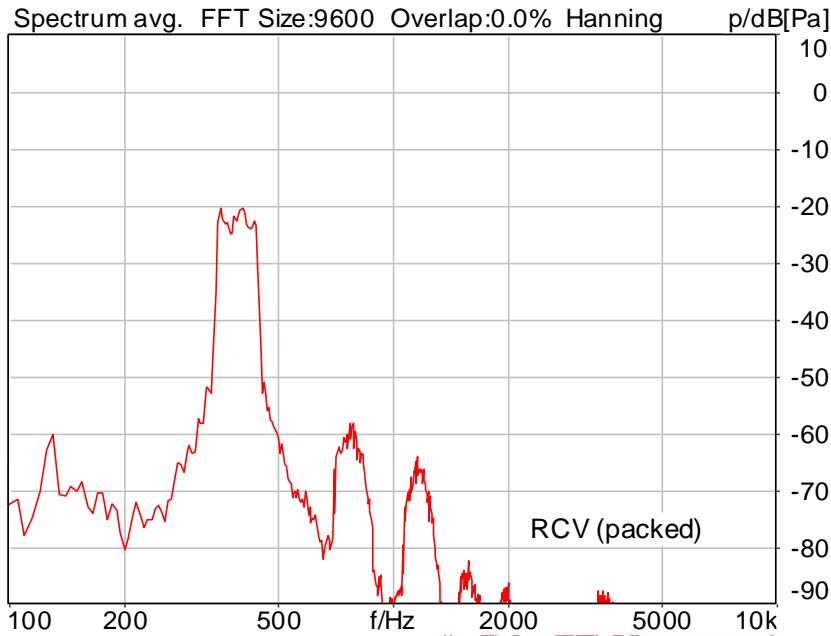
	lower
Run 1	20.00 dB





### 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): 35.88 dB (1.61%) Ok

Ok

2023/11/1 上午 01:45 ACQUA 5.1.200

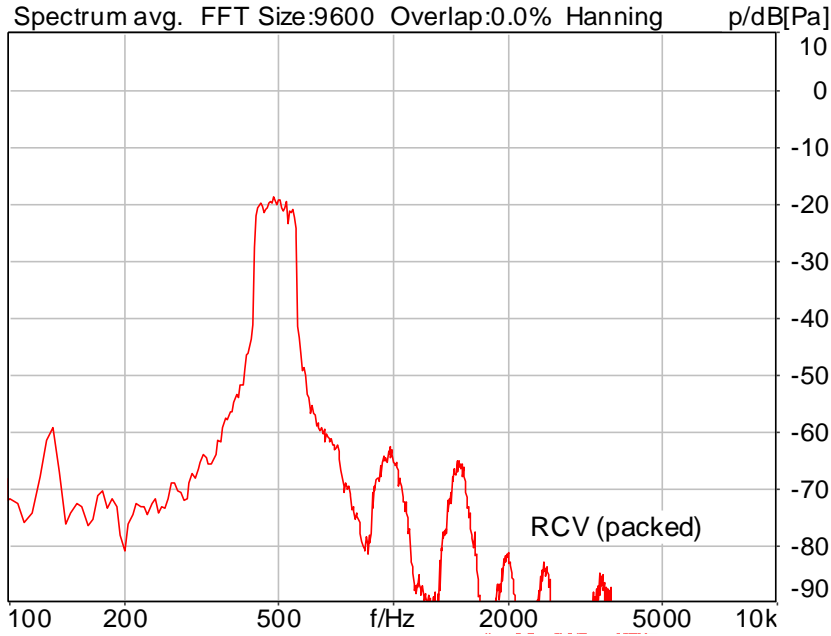
Limits

	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): 36.25 dB (1.54%) Ok

Ok

2023/11/1 上午 01:45 ACQUA 5.1.200

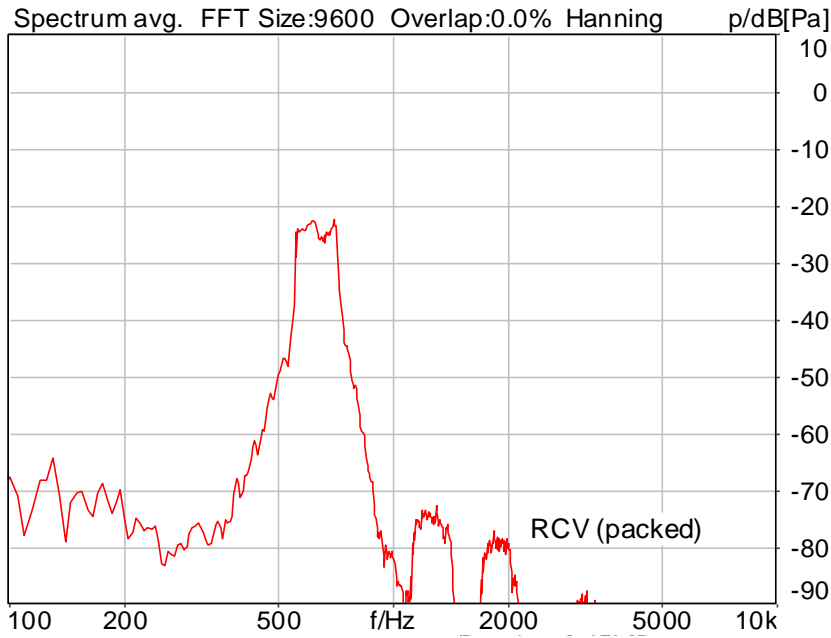
Limits

	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): 27.51 dB (4.21%) Ok

Ok

2023/11/1 上午 01:46 ACQUA 5.1.200

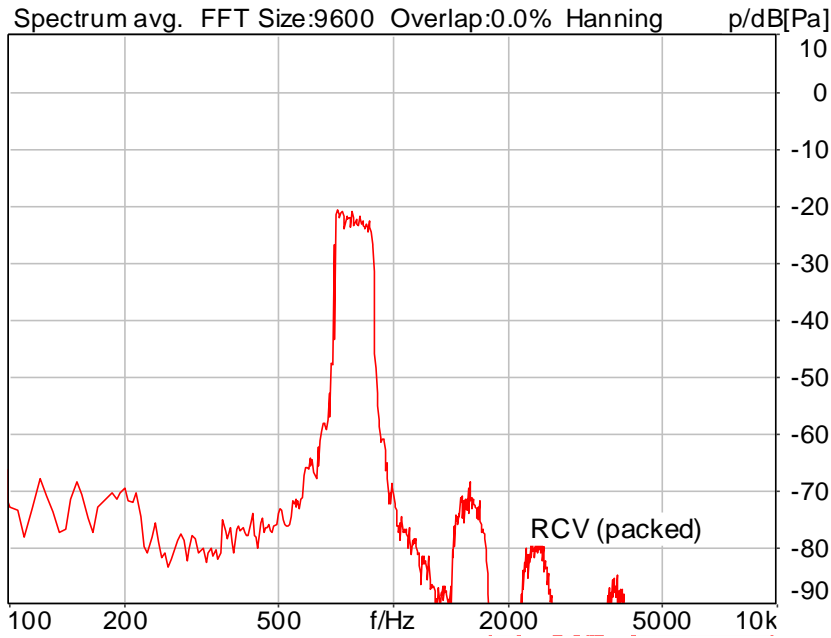
Limits

	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): 40.43 dB (0.95%) Ok

Ok

2023/11/1 上午 01:46 ACQUA 5.1.200

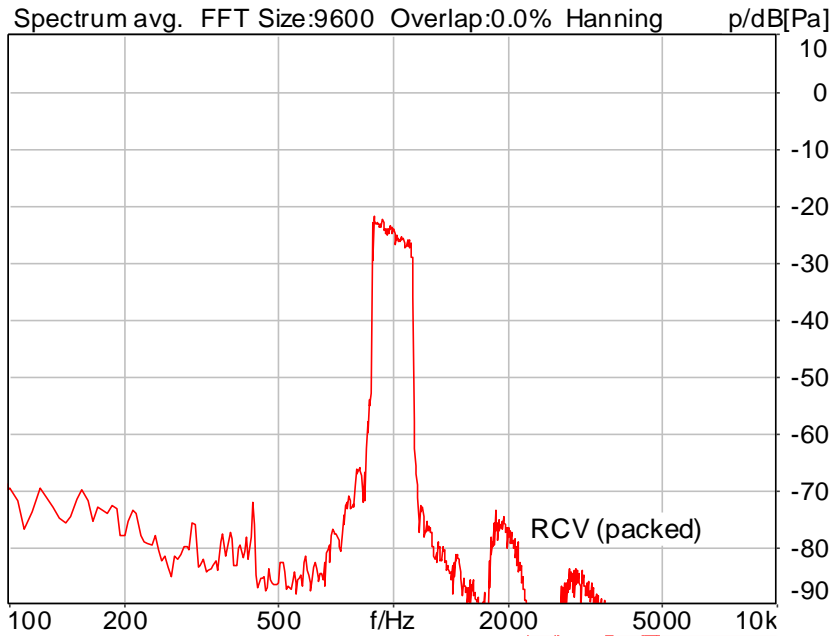
Limits

	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): 44.44 dB (0.60%) Ok

Ok

2023/11/1 上午 01:47 ACQUA 5.1.200

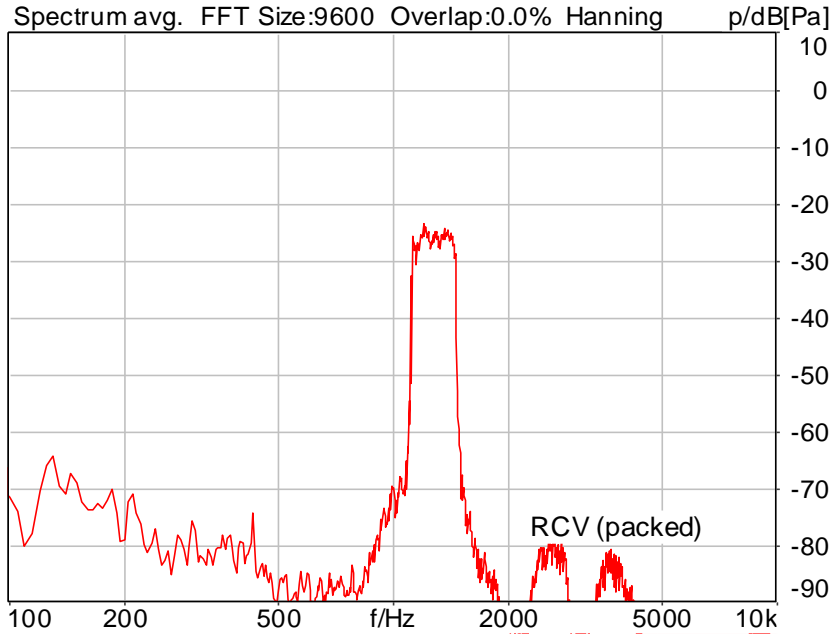
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 1250 Hz WB

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



Distortion (Noise) RCV (packed): 33.46 dB (2.12%) Ok

Ok

2023/11/1 上午 01:47 ACQUA 5.1.200

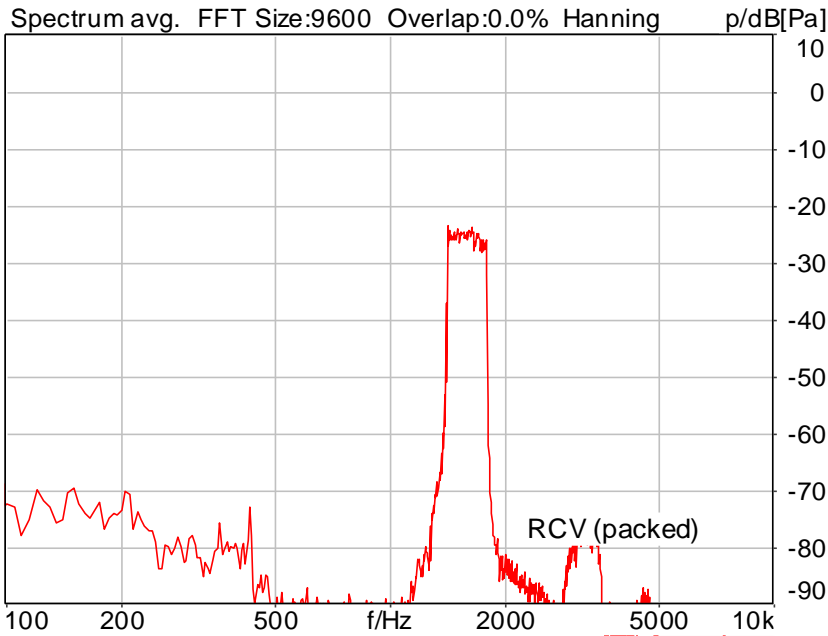
Limits

	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): 44.66 dB (0.58%) Ok

Ok

2023/11/1 上午 01:47 ACQUA 5.1.200

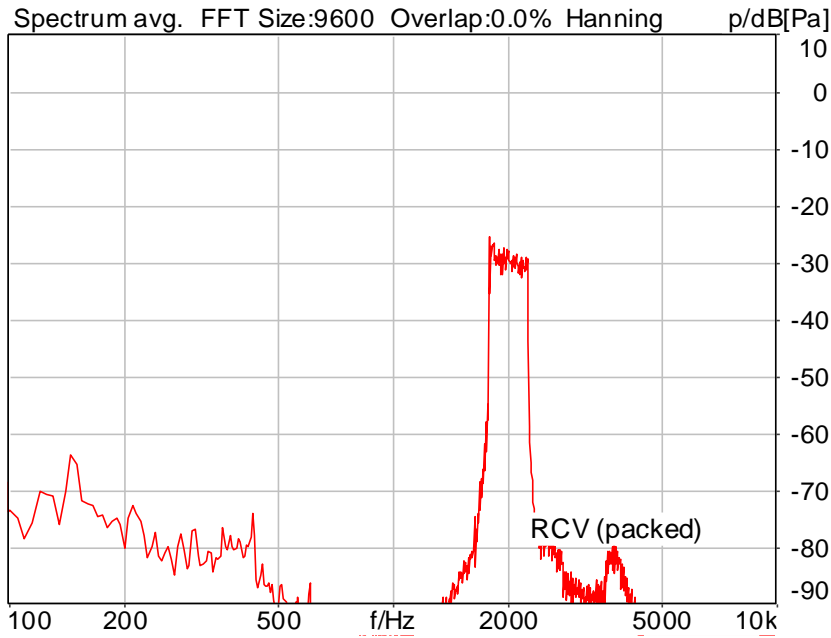
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 2000 Hz WB

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



Distortion (Noise) RCV (packed): 40.94 dB (0.90%) Ok

Ok

2023/11/1 上午 01:48 ACQUA 5.1.200

Limits

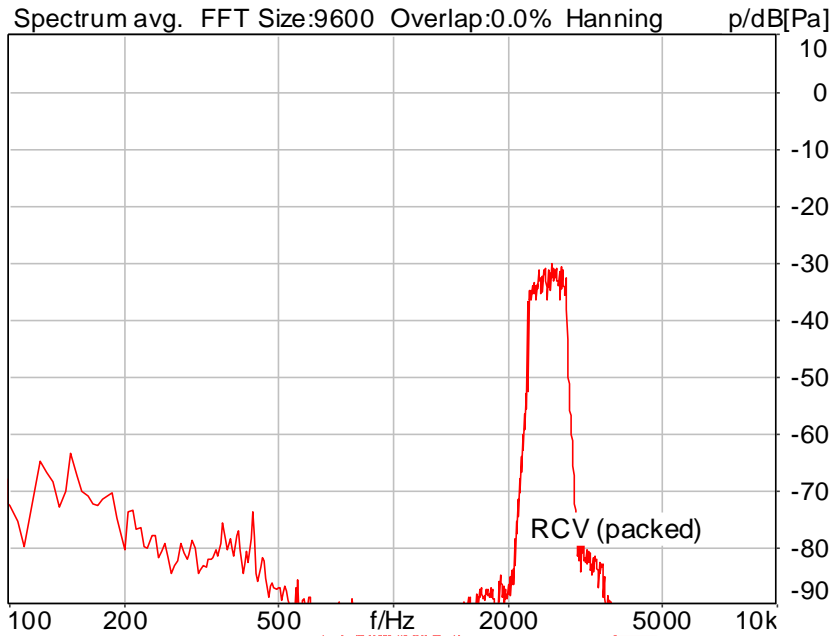
	lower
Run 1	20.00 dB





### 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): 30.13 dB (3.11%) Ok

Ok

2023/11/1 上午 01:48 ACQUA 5.1.200

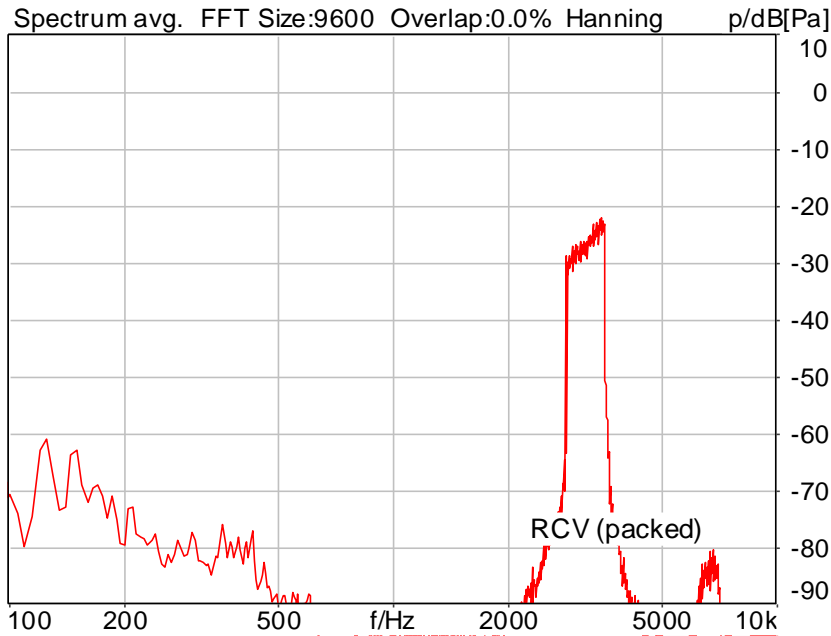
Limits

	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): 43.59 dB (0.66%) Ok

Ok

2023/11/1 上午 01:49 ACQUA 5.1.200

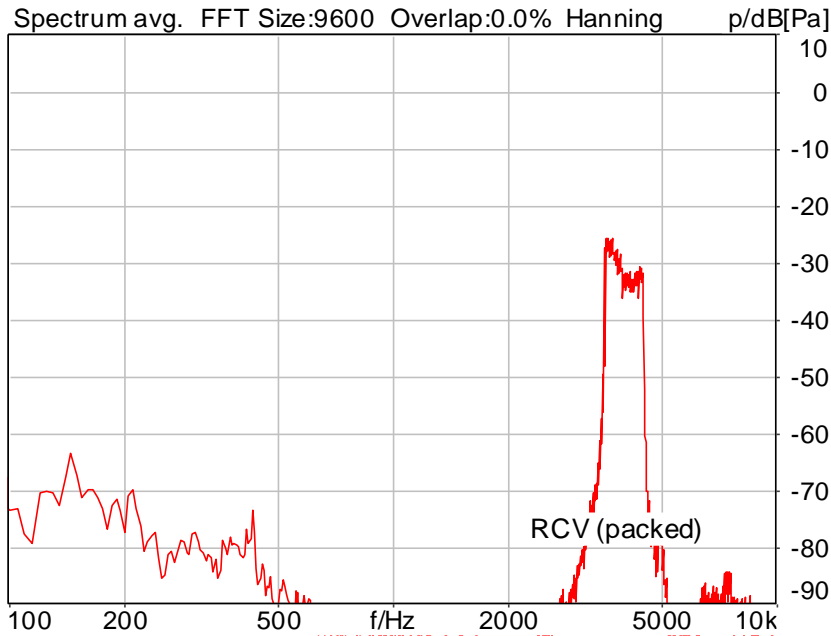
Limits

	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): 35.25 dB (1.73%) Ok

Ok

2023/11/1 上午 01:49 ACQUA 5.1.200

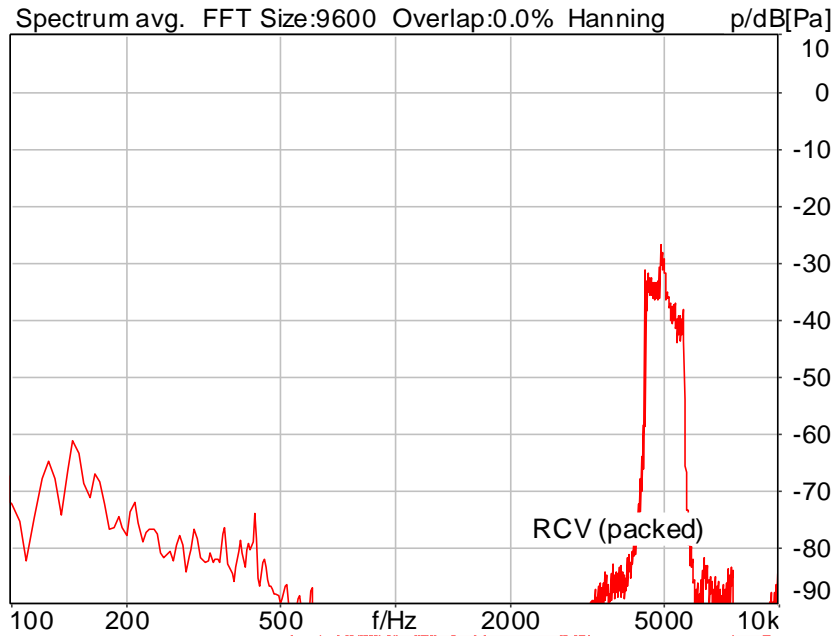
Limits

	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): 37.72 dB (1.30%) Ok

Ok

2023/11/1 上午 01:50 ACQUA 5.1.200

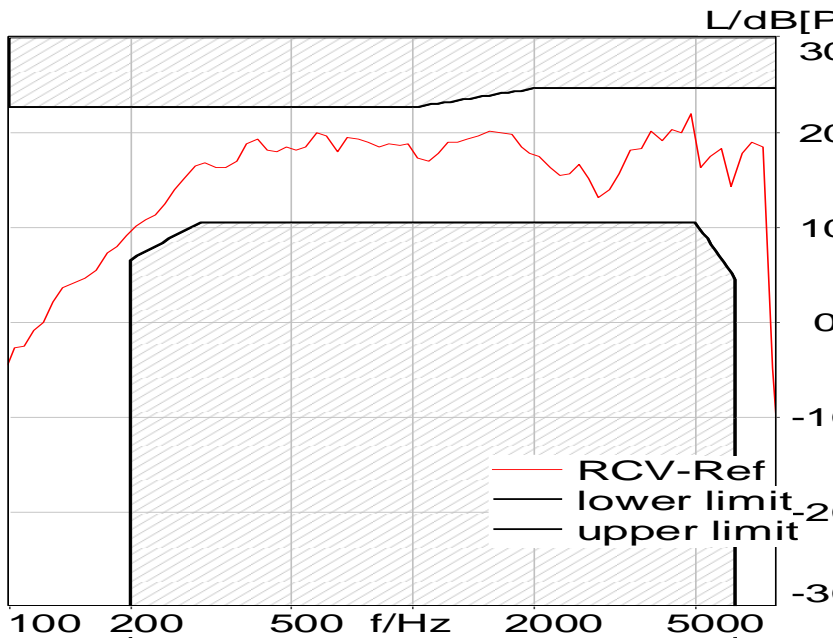
Limits

	lower
Run 1	20.00 dB



### 5.3 Frequency Response 8N FF

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



Absolute minimal distance  
2.62 dB at 2883.7 Hz Ok

**Ok**

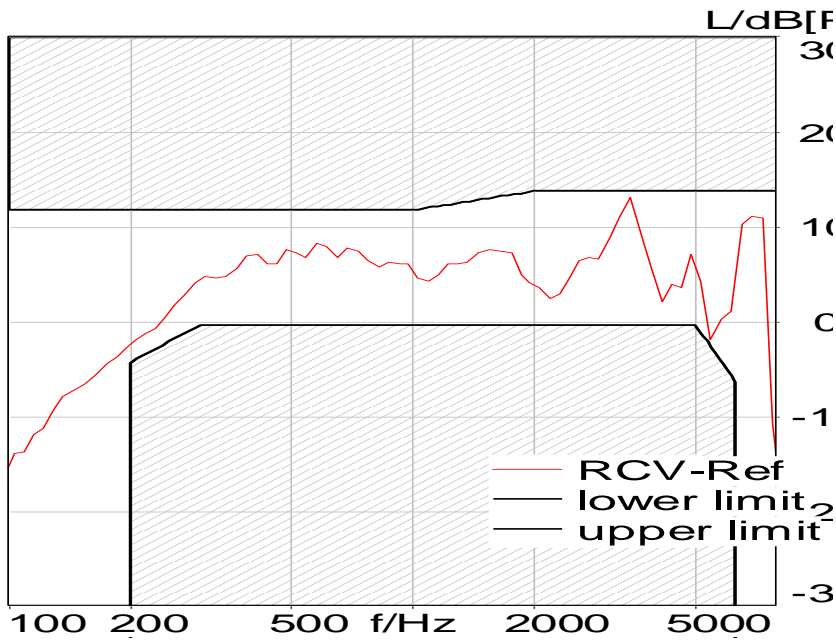
2023/11/1 上午 01:58 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance

### 5.3 Frequency Response 2N FF

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



Absolute minimal distance  
0.66 dB at 3445.5 Hz Ok

Ok

2023/11/1 上午 01:51 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



#16 WiFi 5.3GHz EVS NB 24.4Kbps

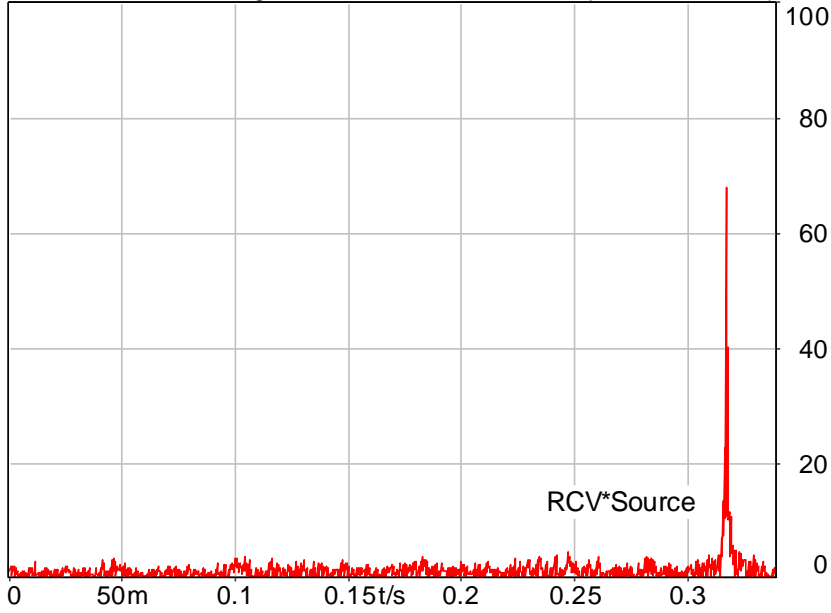
SMD	Status	Single Value Description	Single Value
Overall Receive Delay NB	Done	Delay (Cross) [ms]	317.3
5.1a Receive Volume Control Performance 8N NB	Ok	Speech Level [dB[SPL]]	90.37
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	89.17
5.2 RCV Distortion and Noise - 400 Hz NB	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	30.24
5.2 RCV Distortion and Noise - 630 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	29.73
5.2 RCV Distortion and Noise - 800 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	29.86
5.2 RCV Distortion and Noise - 1000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	27.47
5.2 RCV Distortion and Noise - 1250 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	20.53
5.2 RCV Distortion and Noise - 1600 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	29.97
5.2 RCV Distortion and Noise - 2000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	28.96
5.2 RCV Distortion and Noise - 2500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	32.04
5.2 RCV Distortion and Noise - 3150 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	32.22
5.2 RCV Distortion and Noise - 400 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	30.83
5.2 RCV Distortion and Noise - 500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	33.85
5.2 RCV Distortion and Noise - 630 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	33.42
5.2 RCV Distortion and Noise - 800 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	34.60
5.2 RCV Distortion and Noise - 1000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	32.31
5.2 RCV Distortion and Noise - 1250 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	24.94
5.2 RCV Distortion and Noise - 1600 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	34.23
5.2 RCV Distortion and Noise - 2000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	33.04
5.2 RCV Distortion and Noise - 2500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	45.97
5.2 RCV Distortion and Noise - 3150 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	38.13
5.3 Frequency Response 8N FF HANB	Ok	Min. dist. to tolerance scheme [dB], 1360.9 Hz	1.36
5.3 Frequency Response 2N FF HANB	Ok	Min. dist. to tolerance scheme [dB], 1447.5 Hz	2.33



### Overall Receive Delay NB

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

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



Delay (Cross): 317.3 ms

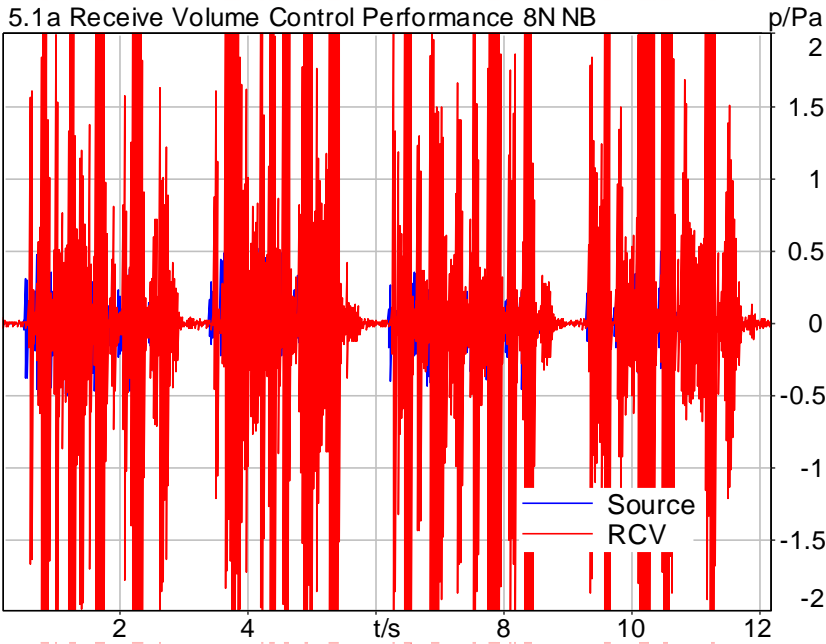
2023/11/1 下午 10:49 ACQUA 5.1.200





### 5.1a Receive Volume Control Performance 8N NB

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



Speech Level RCV: 90.37 dB[SPL], Act.: 57.05% Ok

Ok

2023/11/1 下午 10:49 ACQUA 5.1.200

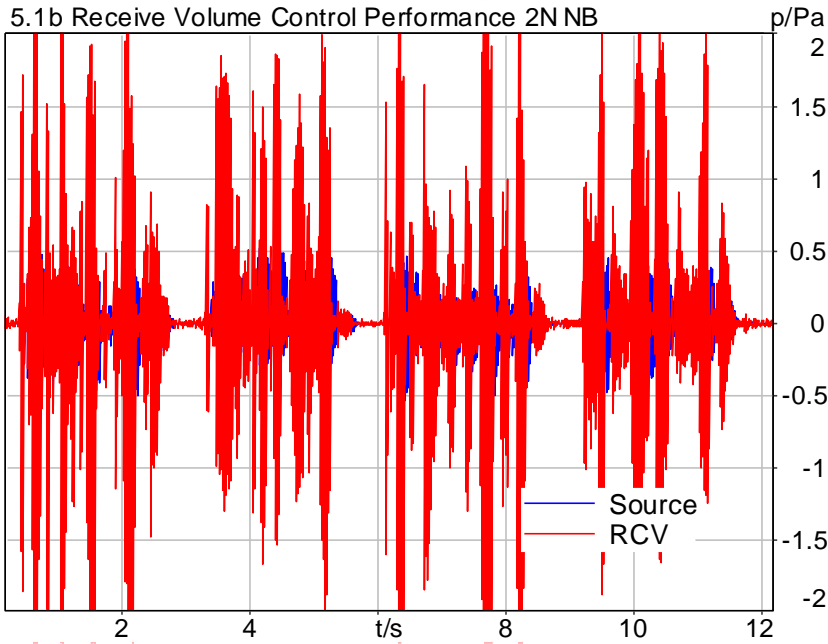
Limits

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N NB

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



Speech Level RCV: 89.17 dB[SPL], Act.: 24.30% Ok

Ok

2023/11/1 下午 11:09 ACQUA 5.1.200

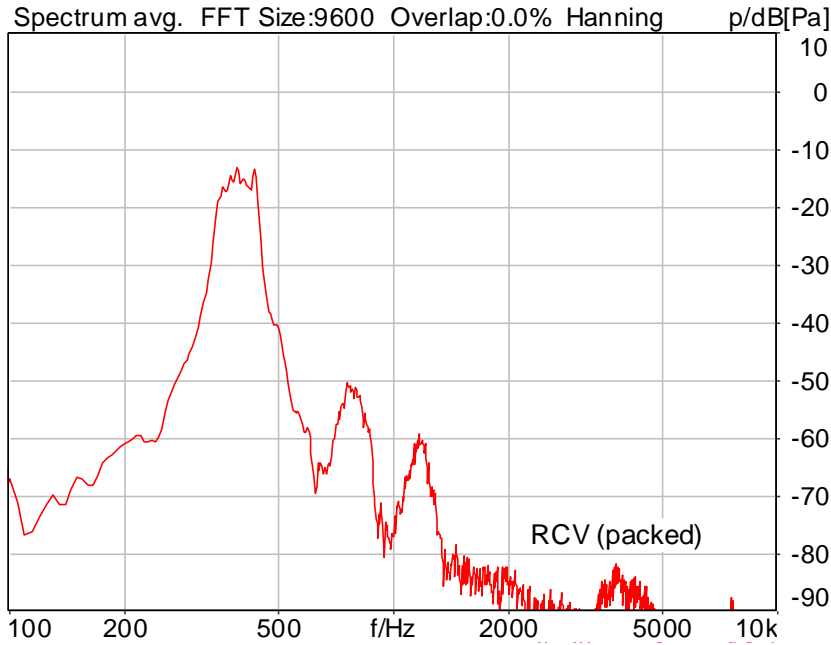
Limits

	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): 30.55 dB (2.97%) Ok

Ok

2023/11/1 下午 10:51 ACQUA 5.1.200

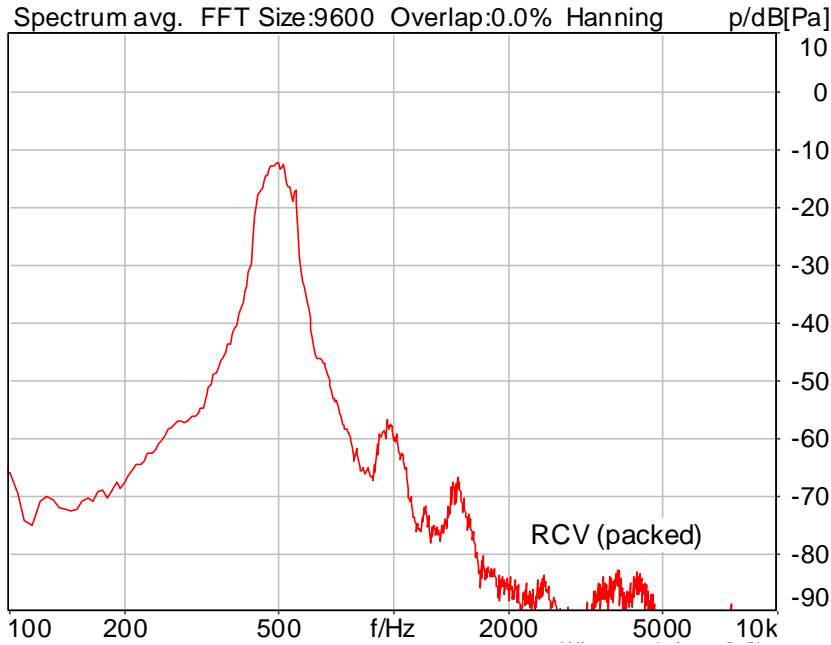
Limits

	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): 30.24 dB (3.08%) Ok

Ok

2023/11/1 下午 10:51 ACQUA 5.1.200

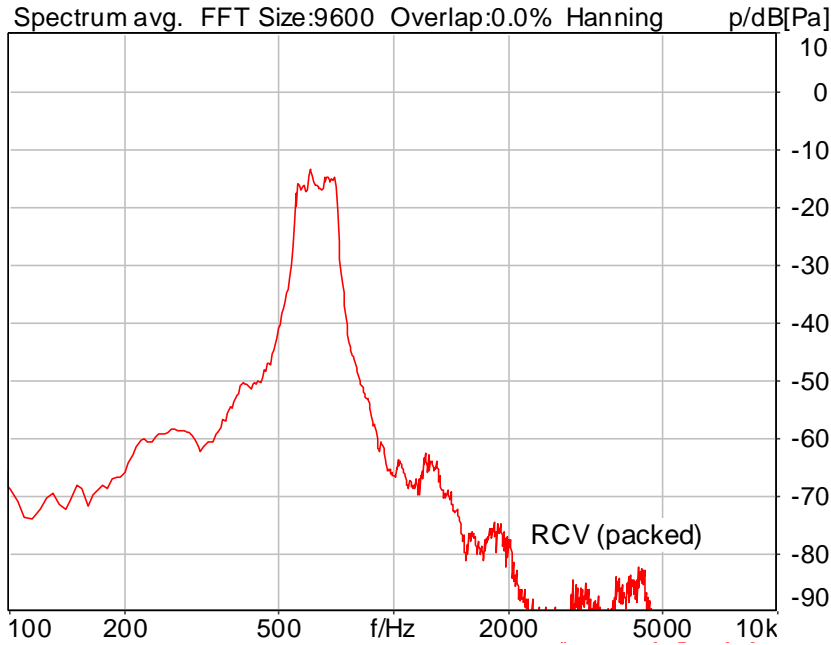
Limits

	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): 29.73 dB (3.26%) Ok

Ok

2023/11/1 下午 10:52 ACQUA 5.1.200

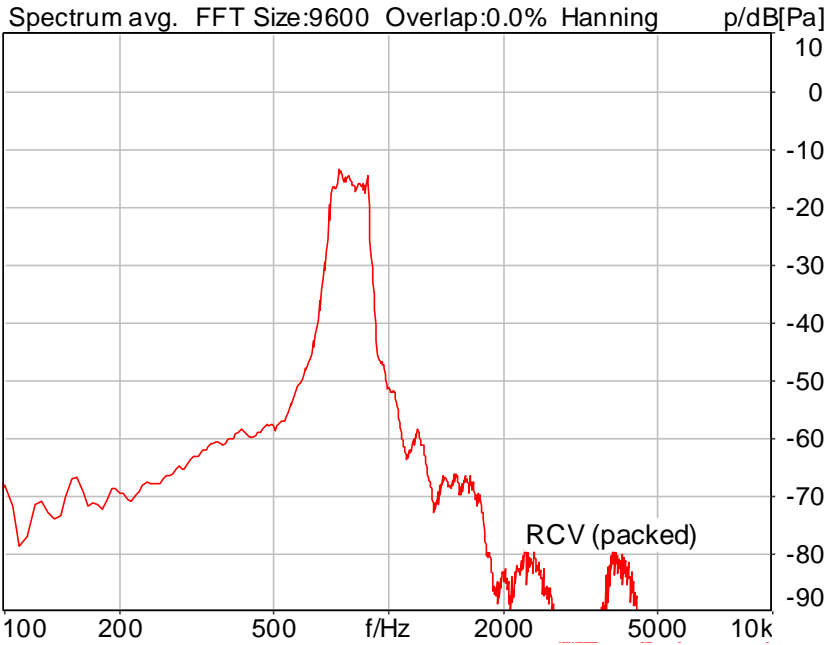
Limits

	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): 29.86 dB (3.21%) Ok

Ok

2023/11/1 下午 10:52 ACQUA 5.1.200

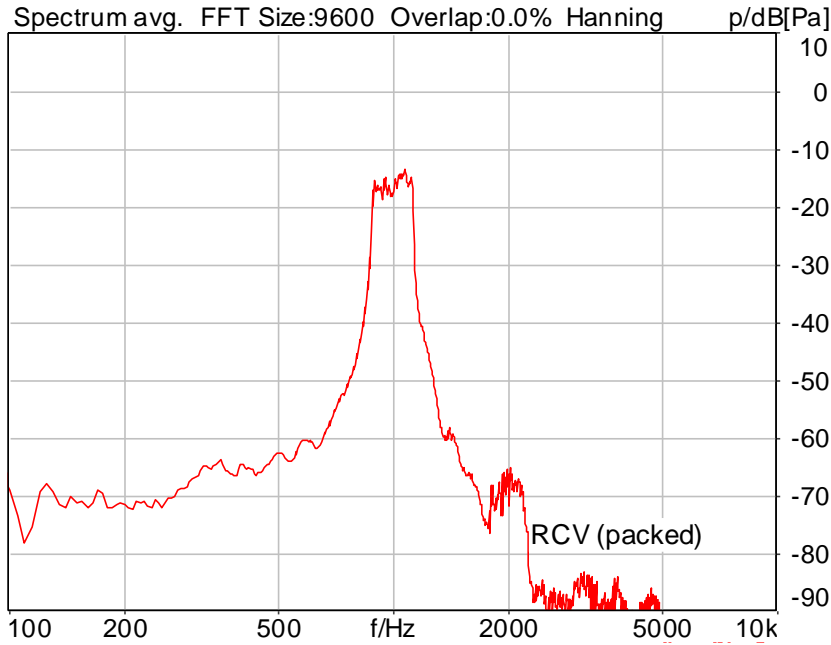
Limits

	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): 27.47 dB (4.23%) Ok

Ok

2023/11/1 下午 10:53 ACQUA 5.1.200

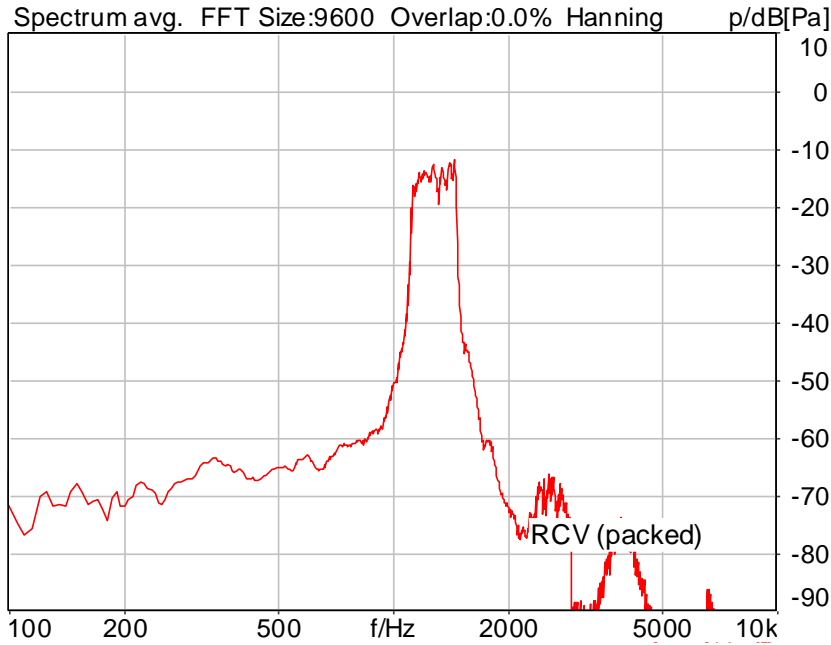
Limits

	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): 20.53 dB (9.41%) Ok

Ok

2023/11/1 下午 10:53 ACQUA 5.1.200

Limits

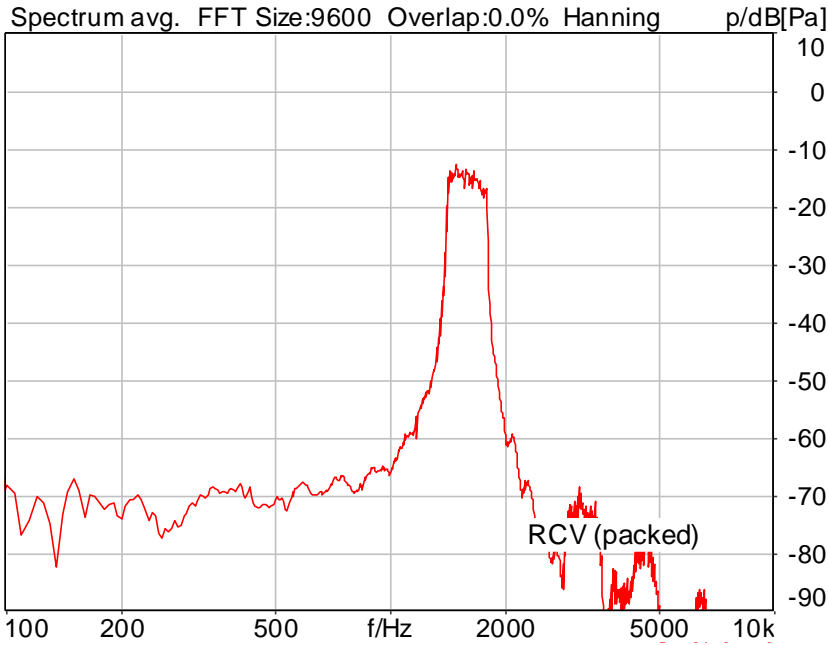
	lower
Run 1	20.00 dB





### 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): 29.97 dB (3.17%) Ok

Ok

2023/11/1 下午 10:54 ACQUA 5.1.200

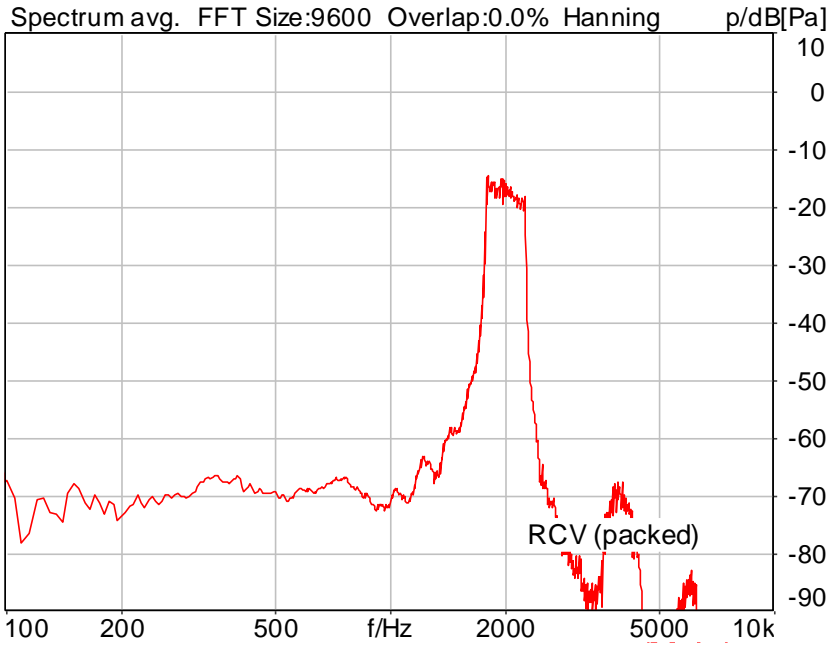
Limits

	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): 28.96 dB (3.56%) Ok

Ok

2023/11/1 下午 10:54 ACQUA 5.1.200

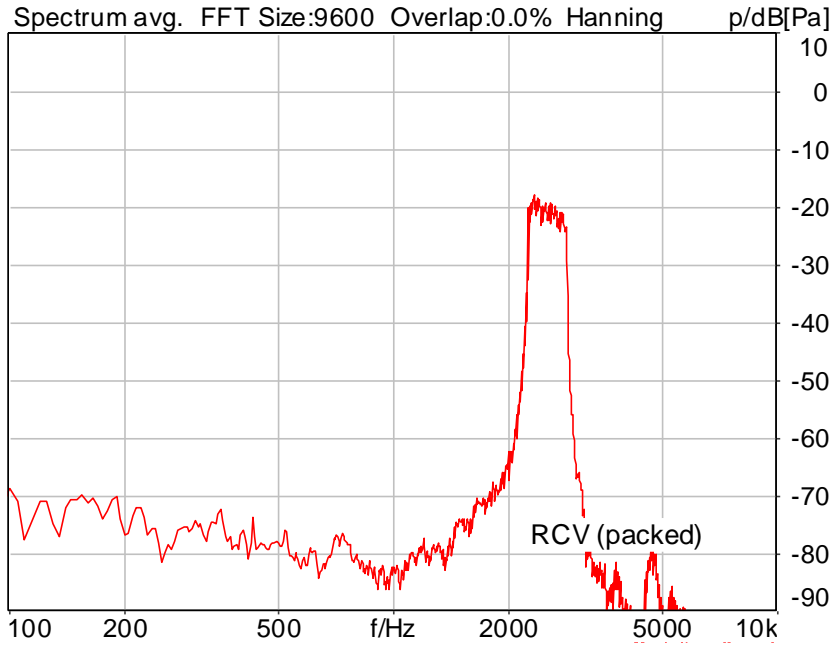
Limits

	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): 32.04 dB (2.50%) Ok

Ok

2023/11/1 下午 10:55 ACQUA 5.1.200

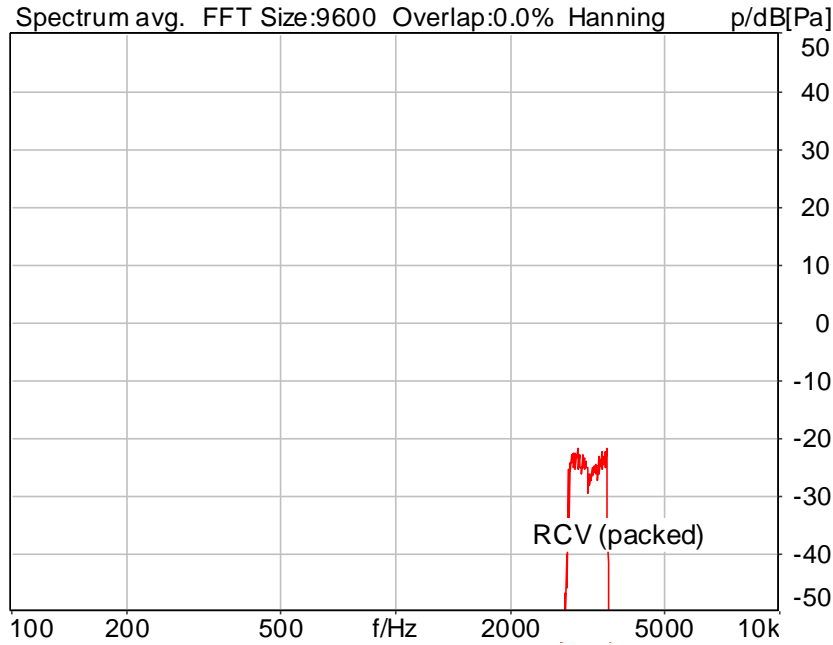
Limits

	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): 32.22 dB (2.45%) Ok

Ok

2023/11/1 下午 10:55 ACQUA 5.1.200

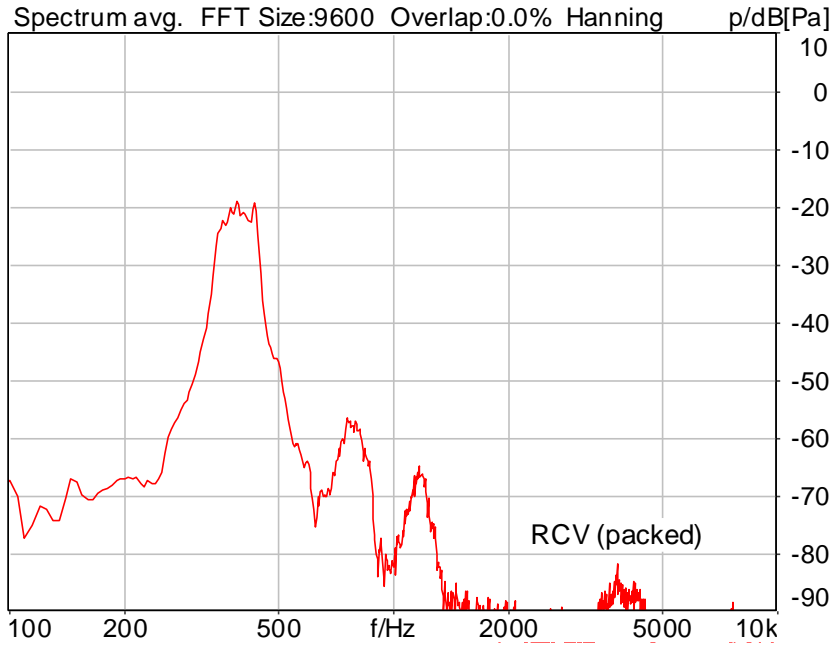
Limits

	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): 30.83 dB (2.88%) Ok

Ok

2023/11/1 下午 11:09 ACQUA 5.1.200

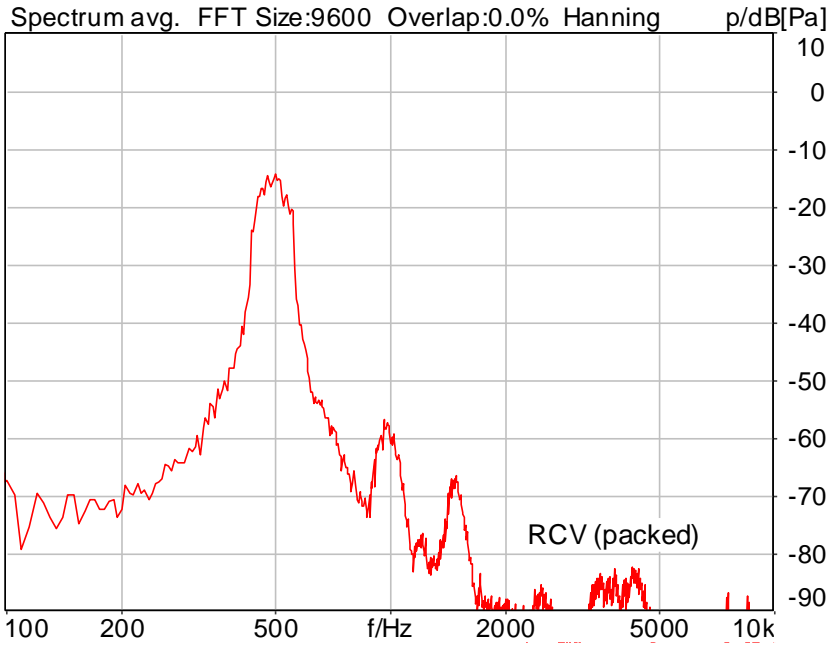
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 500 Hz NB

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



Distortion (Noise) RCV (packed): 33.85 dB (2.03%) Ok

Ok

2023/11/1 下午 11:18 ACQUA 5.1.200

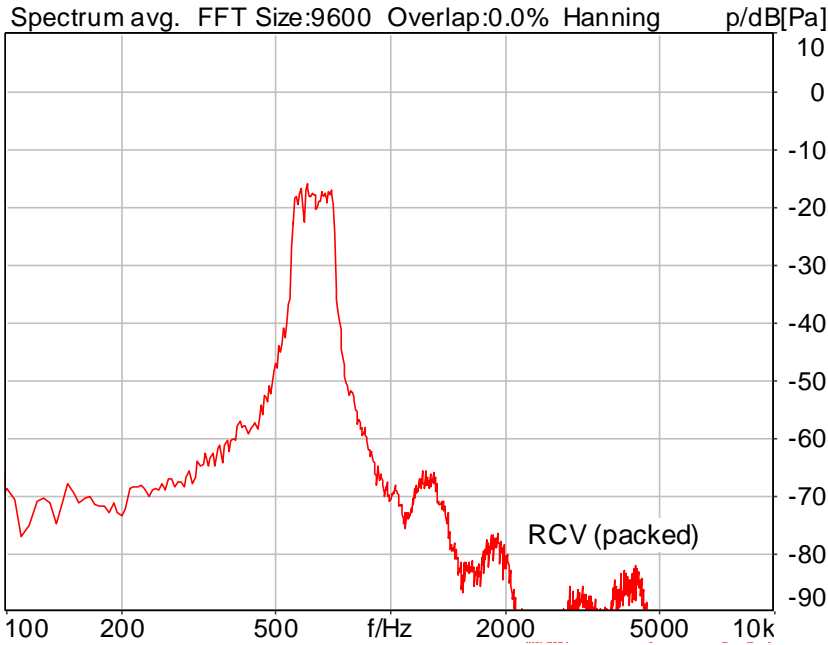
Limits

	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): 33.42 dB (2.13%) Ok

Ok

2023/11/1 下午 11:19 ACQUA 5.1.200

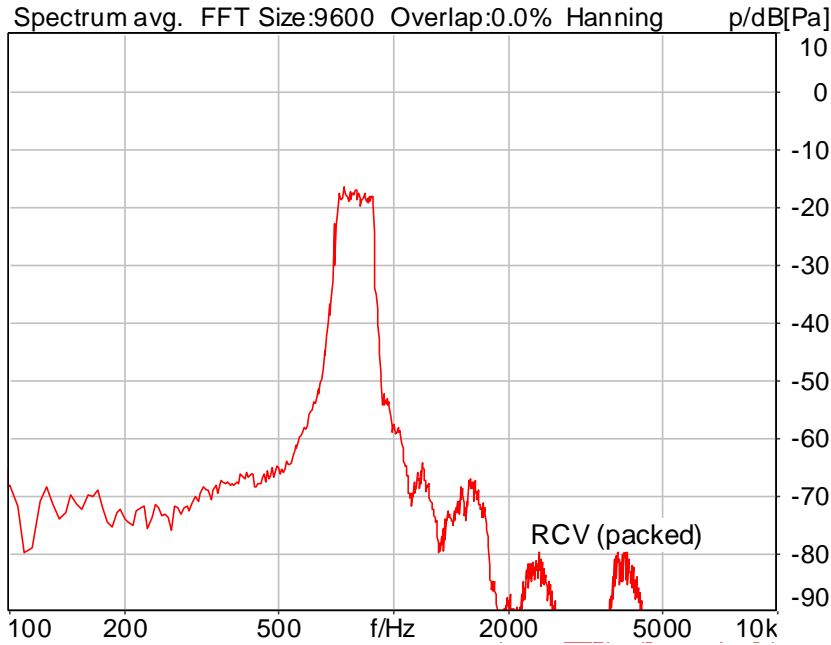
Limits

	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): 34.60 dB (1.86%) Ok

Ok

2023/11/1 下午 11:19 ACQUA 5.1.200

Limits

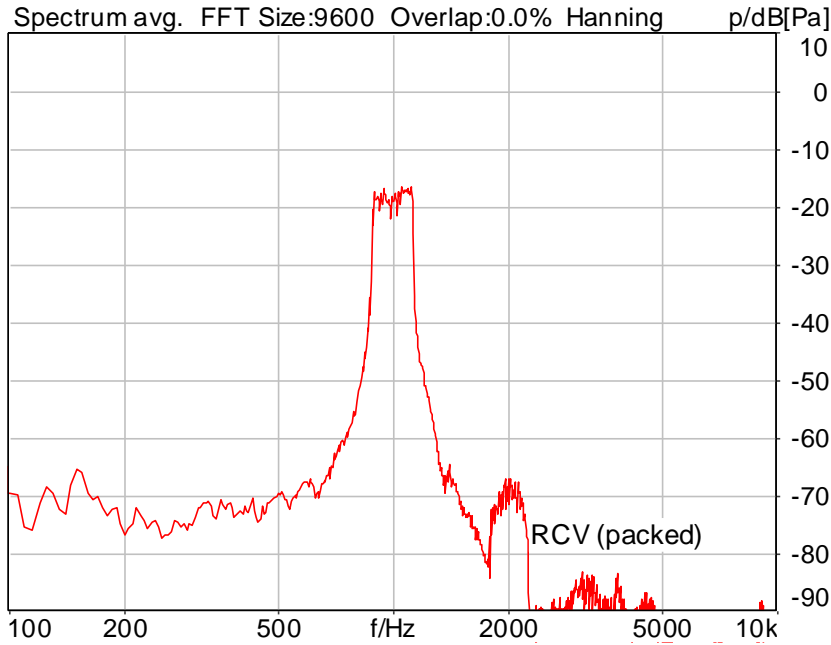
	lower
Run 1	20.00 dB





### 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): 32.31 dB (2.42%) Ok

Ok

2023/11/1 下午 11:20 ACQUA 5.1.200

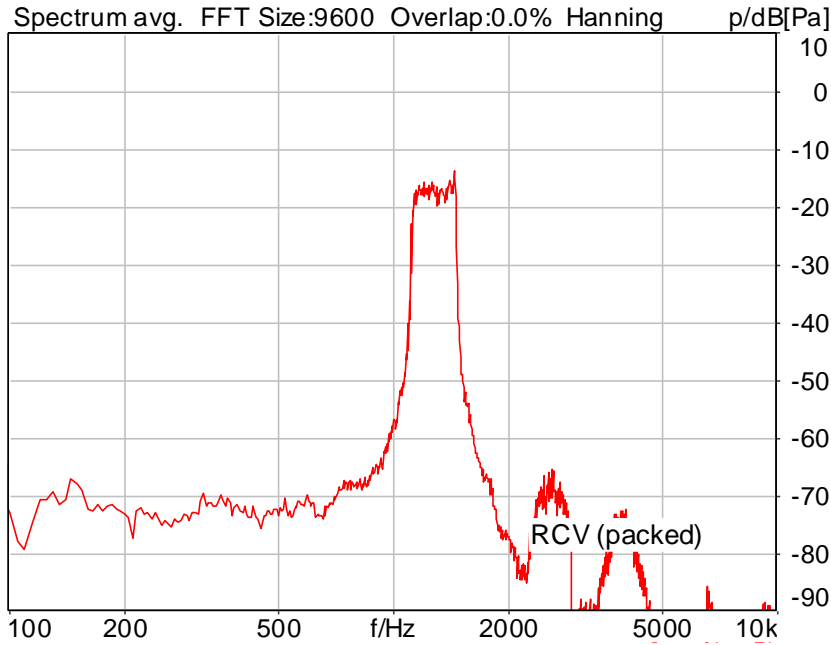
Limits

	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): 24.94 dB (5.66%) Ok

Ok

2023/11/1 下午 11:20 ACQUA 5.1.200

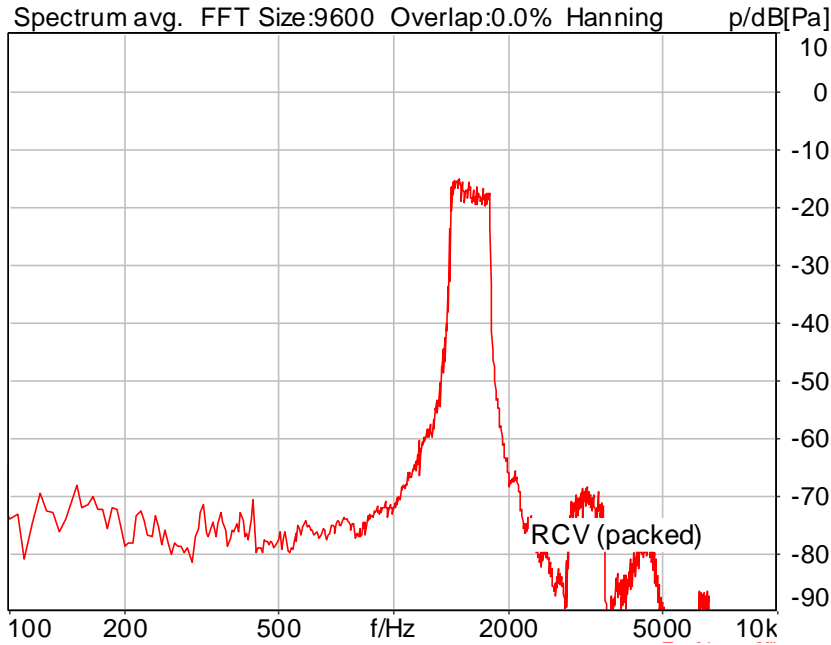
Limits

	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



Ok

2023/11/1 下午 11:21 ACQUA 5.1.200

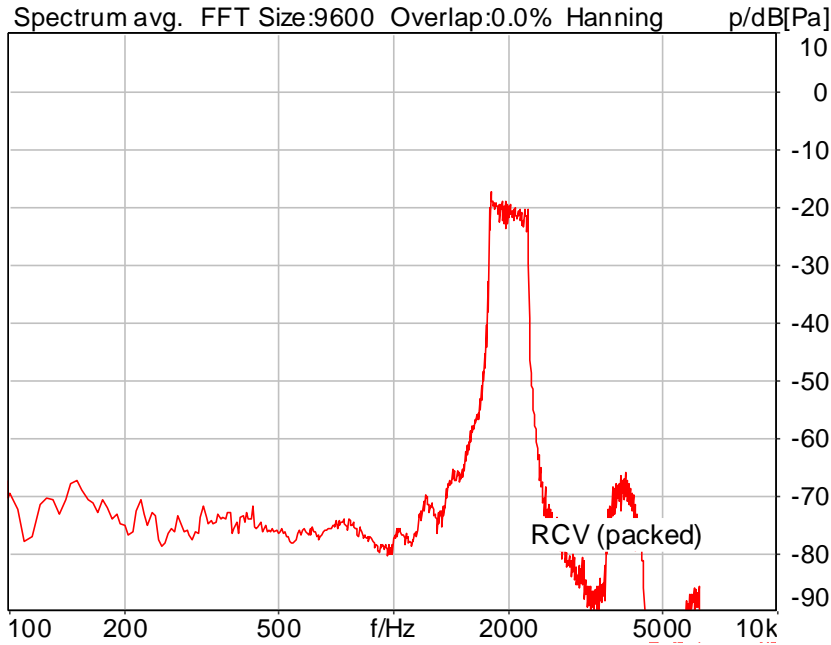
Limits

	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): 33.04 dB (2.23%) Ok

Ok

2023/11/1 下午 11:21 ACQUA 5.1.200

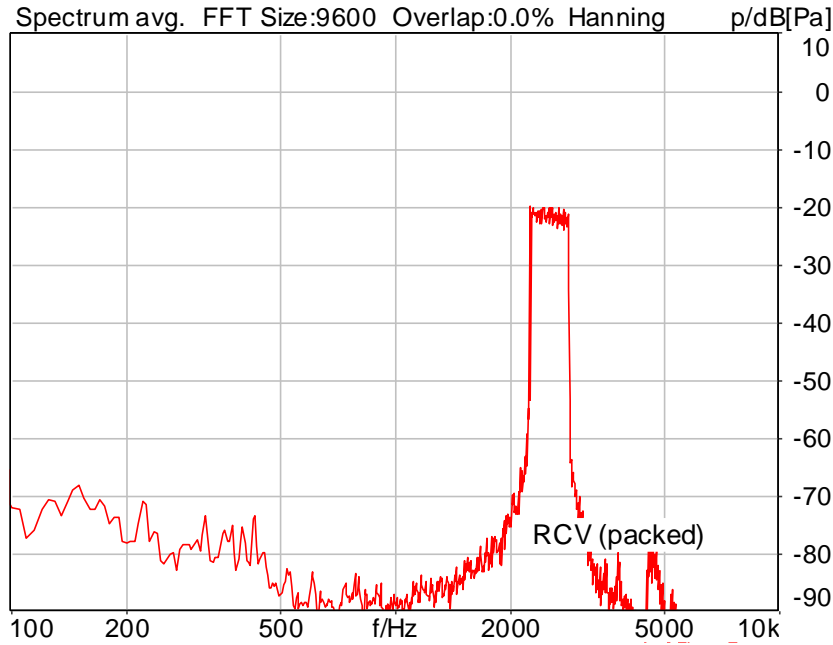
Limits

	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): 45.97 dB (0.50%) Ok

Ok

2023/11/1 下午 11:22 ACQUA 5.1.200

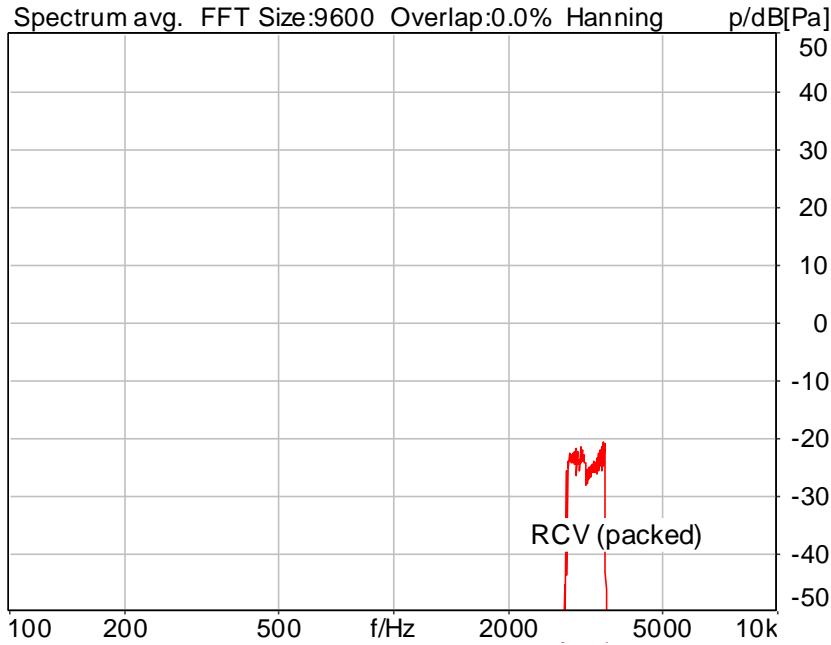
Limits

	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): 38.13 dB (1.24%) Ok

Ok

2023/11/1 下午 11:22 ACQUA 5.1.200

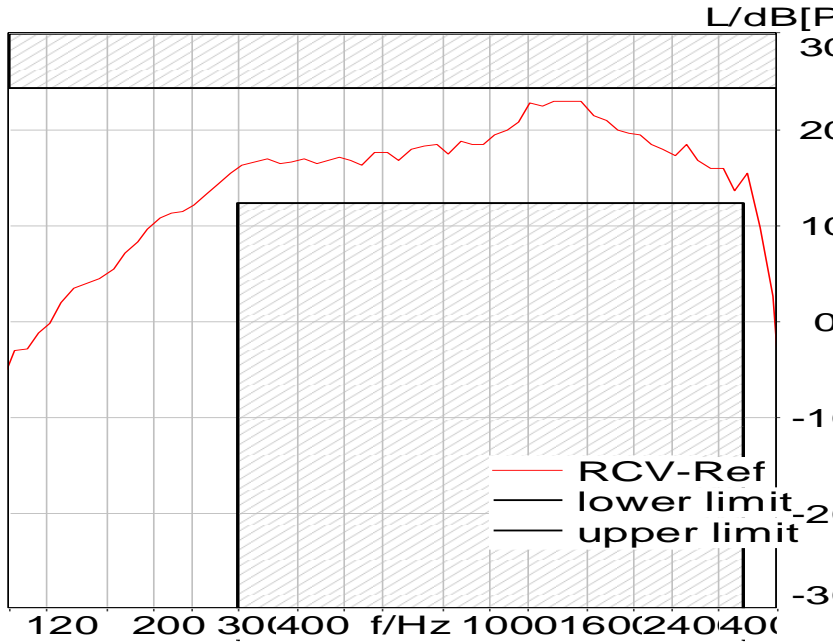
Limits

	lower
Run 1	20.00 dB



### 5.3 Frequency Response 8N FF HANB

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



Absolute minimal distance  
1.36 dB at 1360.9 Hz Ok

Ok

2023/11/1 下午 11:05 ACQUA 5.1.200

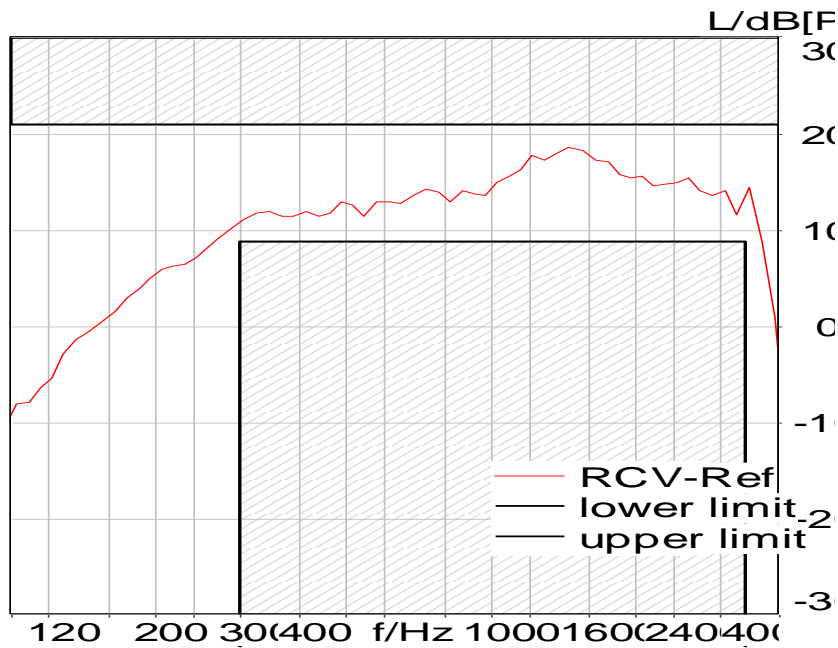
**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



### 5.3 Frequency Response 2N FF HANB

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



Absolute minimal distance  
2.33 dB at 1447.5 Hz Ok

Ok

2023/11/1 下午 11:23 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance





**#17 WiFi 5.5GHz EVS NB 24.4Kbps**

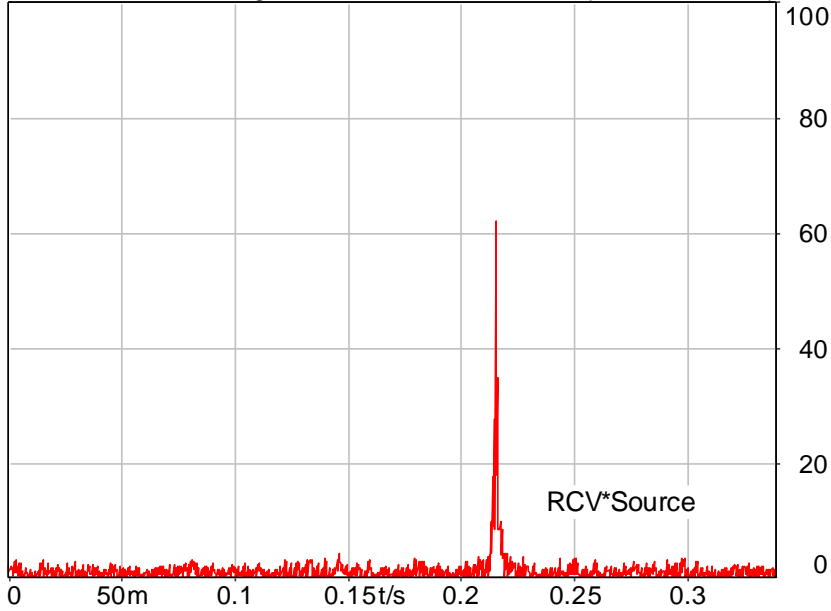
SMD	Status	Single Value Description	Single Value
Overall Receive Delay NB	Done	Delay (Cross) [ms]	215.7
5.1a Receive Volume Control Performance 8N NB	Ok	Speech Level [dB[SPL]]	90.17
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	88.76
5.2 RCV Distortion and Noise - 400 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	32.65
5.2 RCV Distortion and Noise - 500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	36.26
5.2 RCV Distortion and Noise - 630 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	38.64
5.2 RCV Distortion and Noise - 800 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	41.09
5.2 RCV Distortion and Noise - 1000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	42.41
5.2 RCV Distortion and Noise - 1250 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	24.15
5.2 RCV Distortion and Noise - 1600 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	41.06
5.2 RCV Distortion and Noise - 2000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	43.94
5.2 RCV Distortion and Noise - 2500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	45.37
5.2 RCV Distortion and Noise - 3150 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	43.39
5.2 RCV Distortion and Noise - 400 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	33.07
5.2 RCV Distortion and Noise - 500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	36.09
5.2 RCV Distortion and Noise - 630 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	38.15
5.2 RCV Distortion and Noise - 800 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	41.50
5.2 RCV Distortion and Noise - 1000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	42.41
5.2 RCV Distortion and Noise - 1250 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	33.74
5.2 RCV Distortion and Noise - 1600 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	40.71
5.2 RCV Distortion and Noise - 2000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	42.44
5.2 RCV Distortion and Noise - 2500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	46.15
5.2 RCV Distortion and Noise - 3150 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	45.07
5.3 Frequency Response 8N FF HANB	Ok	Min. dist. to tolerance scheme [dB], 1447.5 Hz	0.89
5.3 Frequency Response 2N FF HANB	Ok	Min. dist. to tolerance scheme [dB], 1447.5 Hz	2.58



### Overall Receive Delay NB

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

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



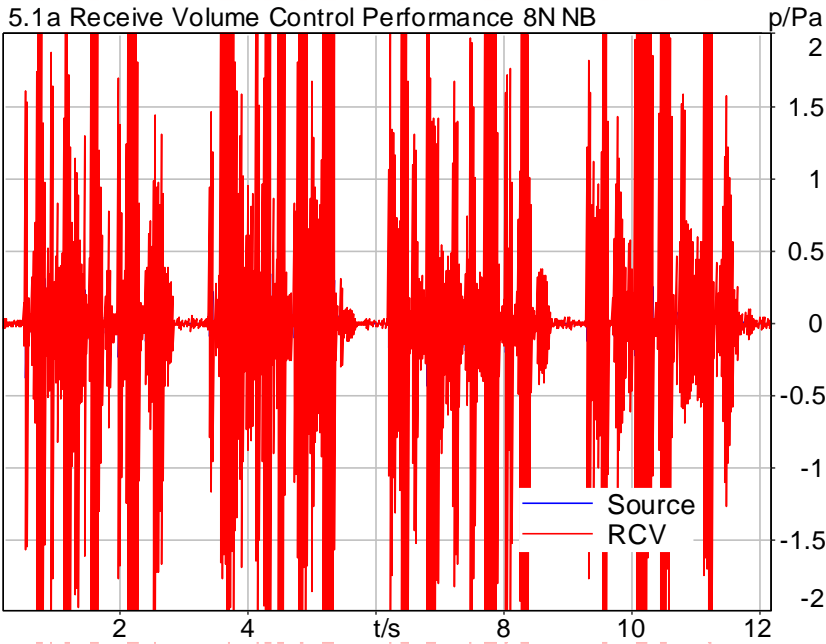
Delay (Cross): 215.7 ms

2023/11/1 下午 11:28 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N NB

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



Speech Level RCV: 90.17 dB[SPL], Act.: 58.17% Ok

Ok

2023/11/1 下午 11:29 ACQUA 5.1.200

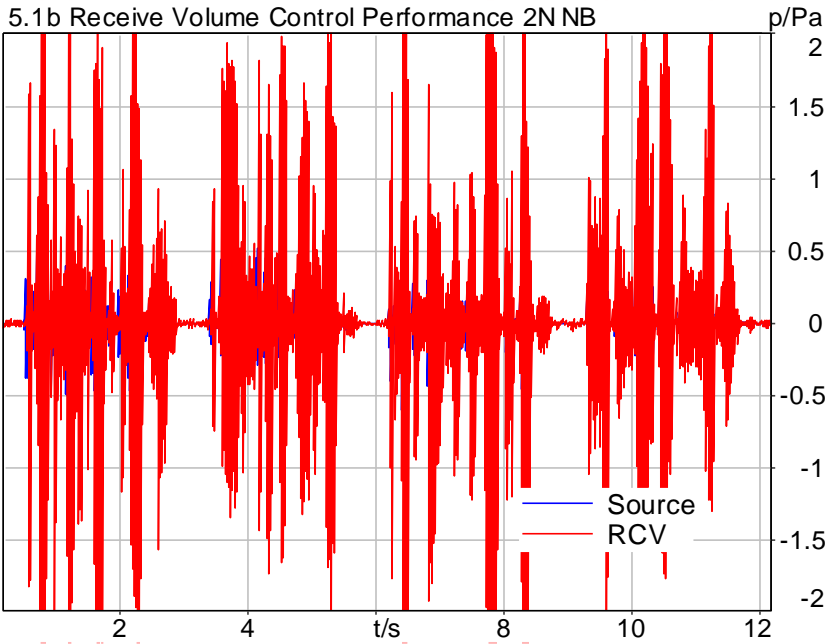
**Limits**

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N NB

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



Speech Level RCV: 88.76 dB[SPL], Act.: 29.32% Ok

Ok

2023/11/1 下午 11:38 ACQUA 5.1.200

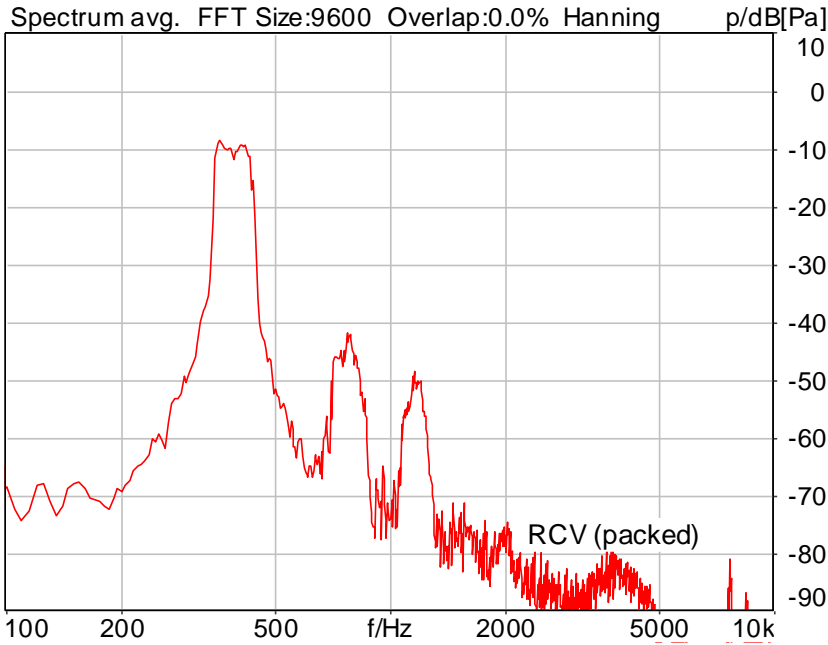
**Limits**

	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): 32.65 dB (2.33%) Ok

Ok

2023/11/1 下午 11:30 ACQUA 5.1.200

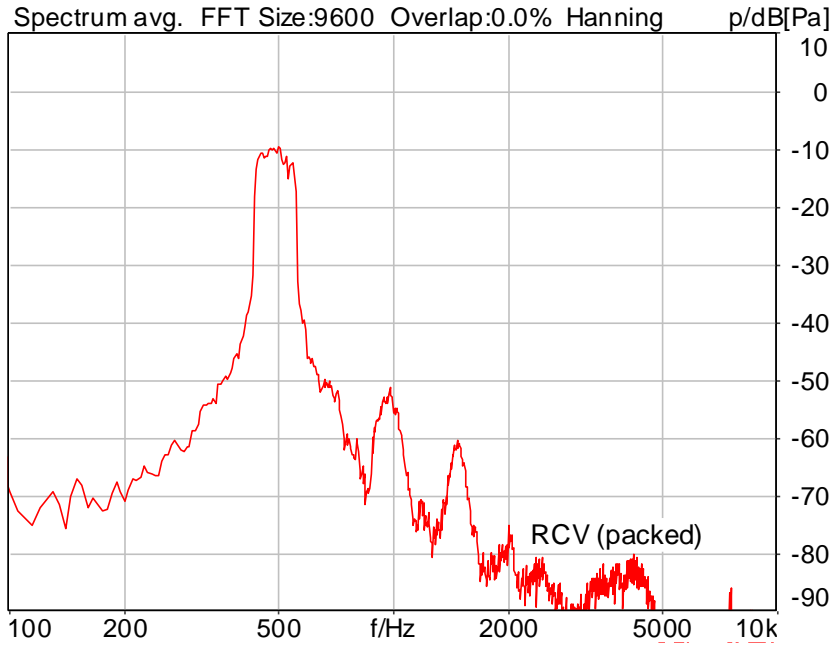
Limits

	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): 36.26 dB (1.54%) Ok

Ok

2023/11/1 下午 11:30 ACQUA 5.1.200

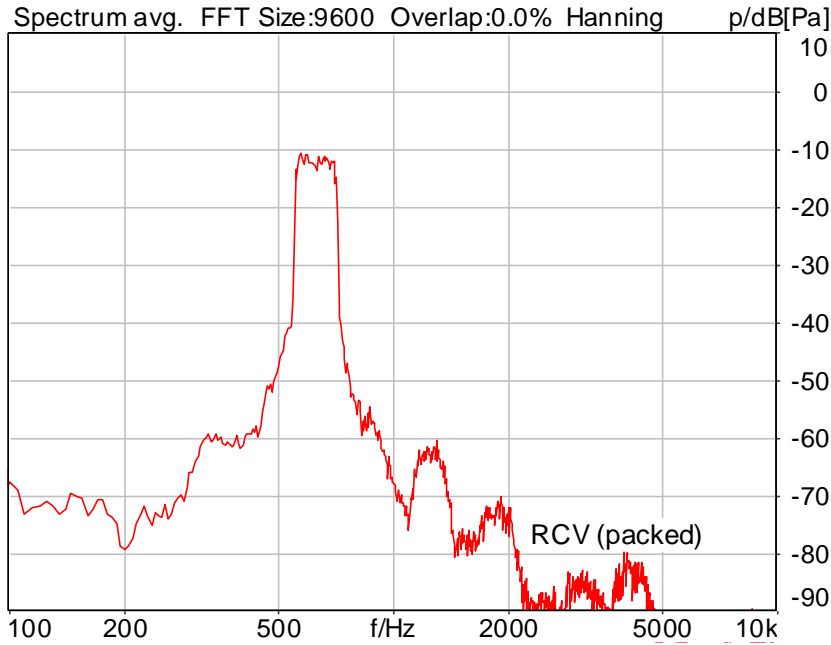
Limits

	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): 38.64 dB (1.17%) Ok

Ok

2023/11/1 下午 11:30 ACQUA 5.1.200

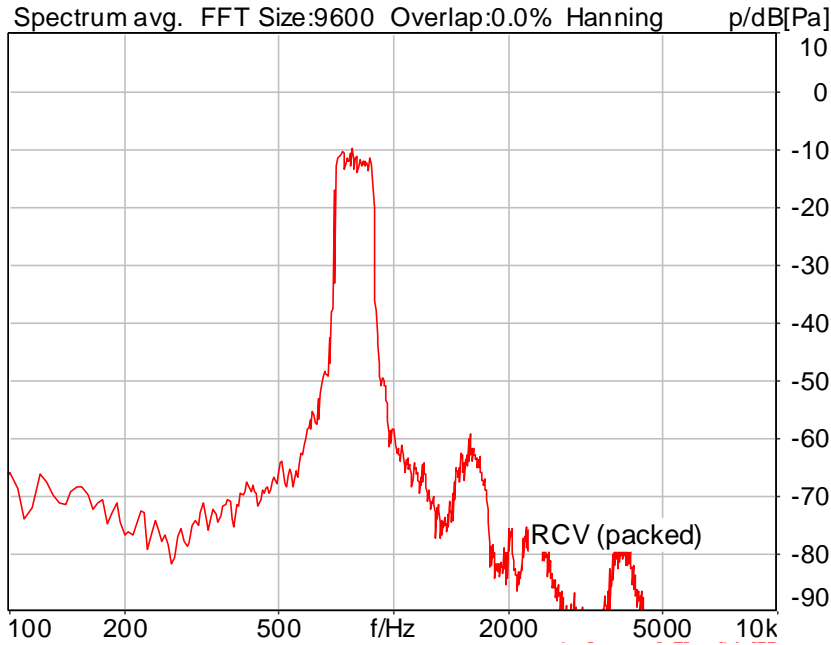
Limits

	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): 41.09 dB (0.88%) Ok

Ok

2023/11/1 下午 11:31 ACQUA 5.1.200

Limits

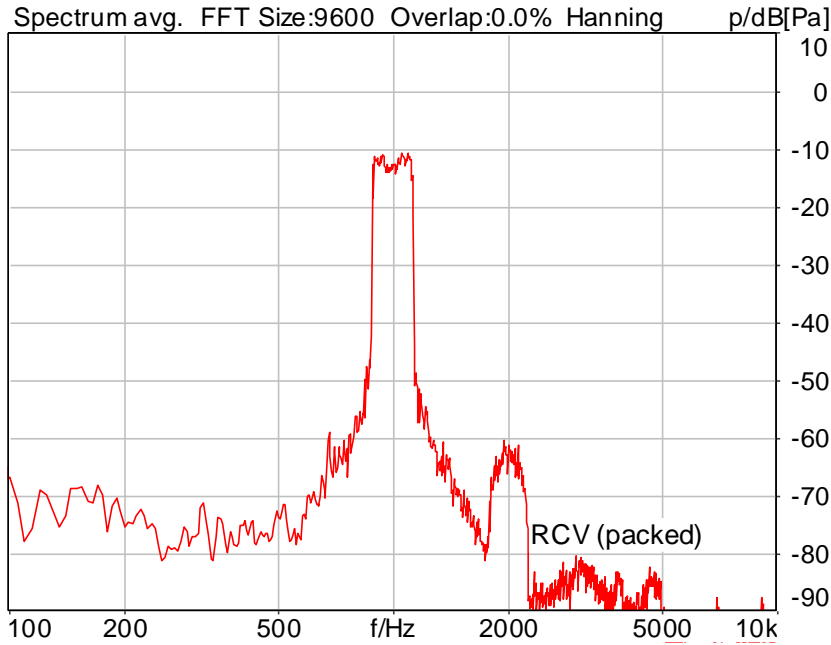
	lower
Run 1	20.00 dB





### 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): 42.41 dB (0.76%) Ok

Ok

2023/11/1 下午 11:31 ACQUA 5.1.200

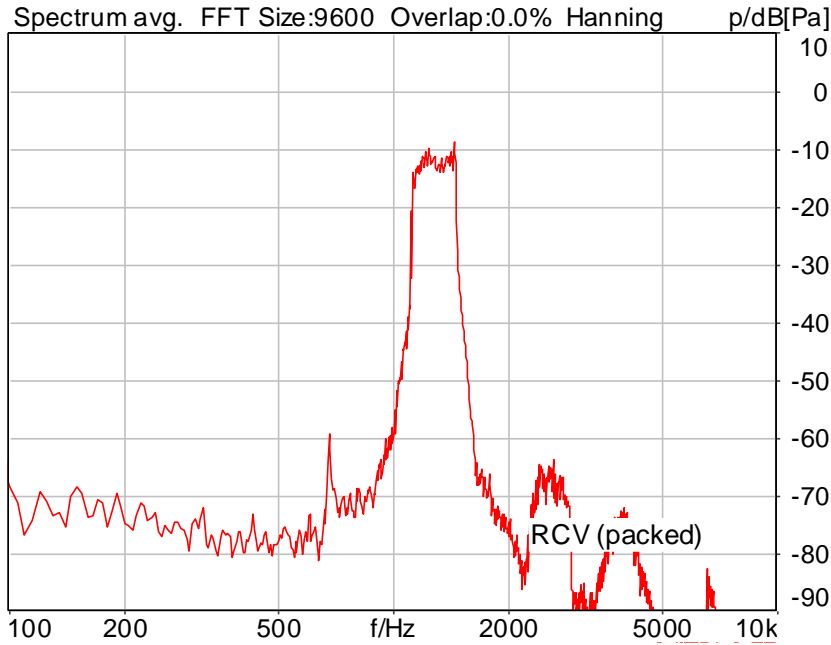
Limits

	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): 24.15 dB (6.20%) Ok

Ok

2023/11/1 下午 11:32 ACQUA 5.1.200

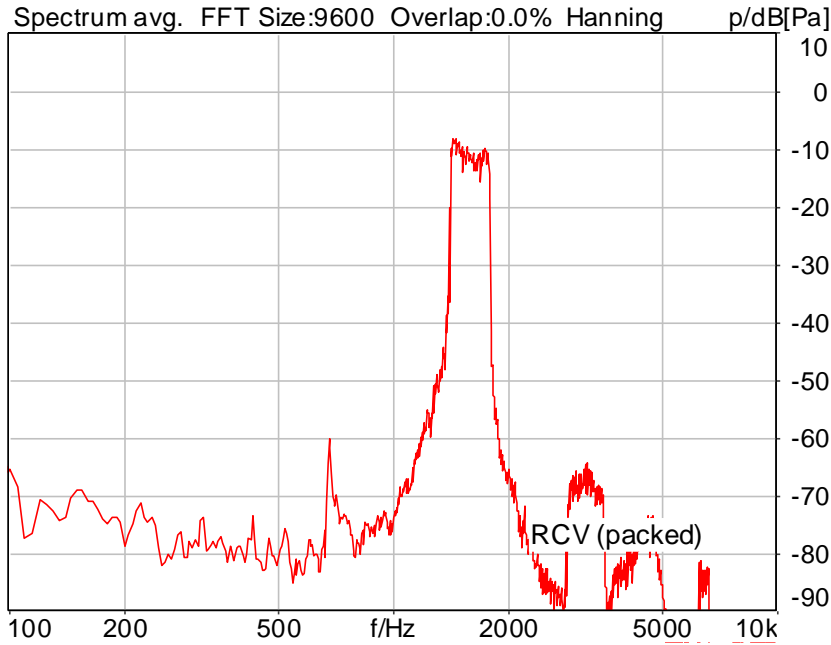
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 1600 Hz NB

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



Distortion (Noise) RCV (packed): 41.06 dB (0.89%) Ok

Ok

2023/11/1 下午 11:32 ACQUA 5.1.200

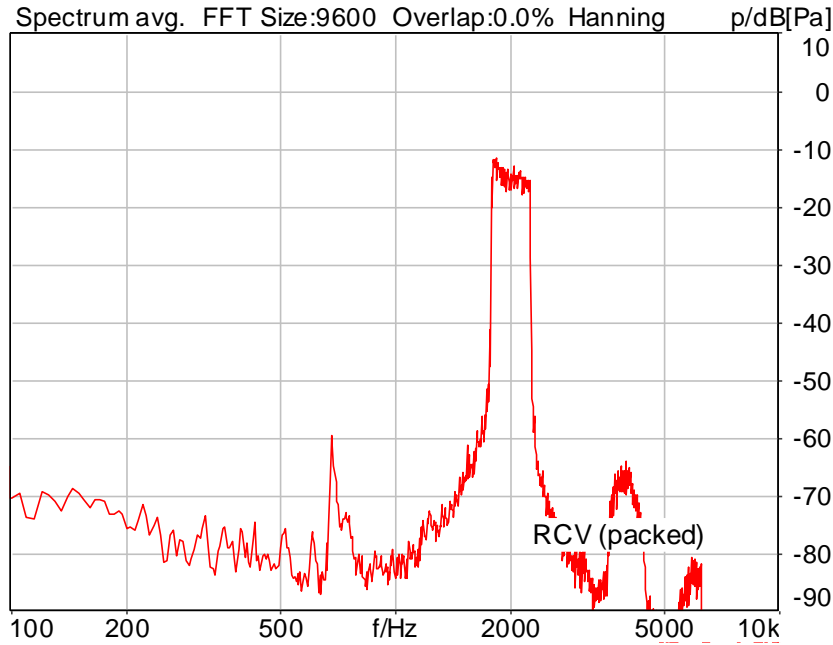
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 2000 Hz NB

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



Distortion (Noise) RCV (packed): 43.94 dB (0.64%) Ok

Ok

2023/11/1 下午 11:33 ACQUA 5.1.200

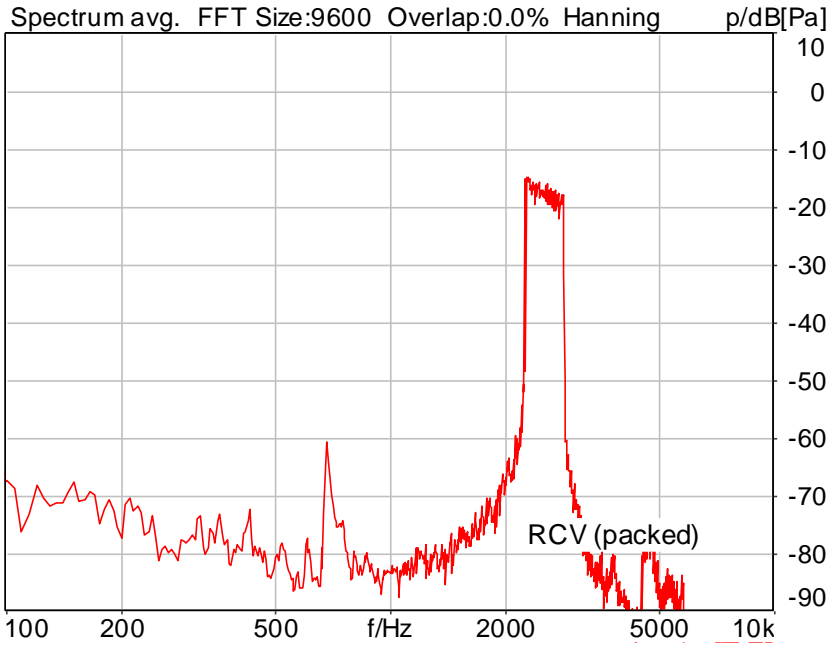
Limits

	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): 45.37 dB (0.54%) Ok

Ok

2023/11/1 下午 11:33 ACQUA 5.1.200

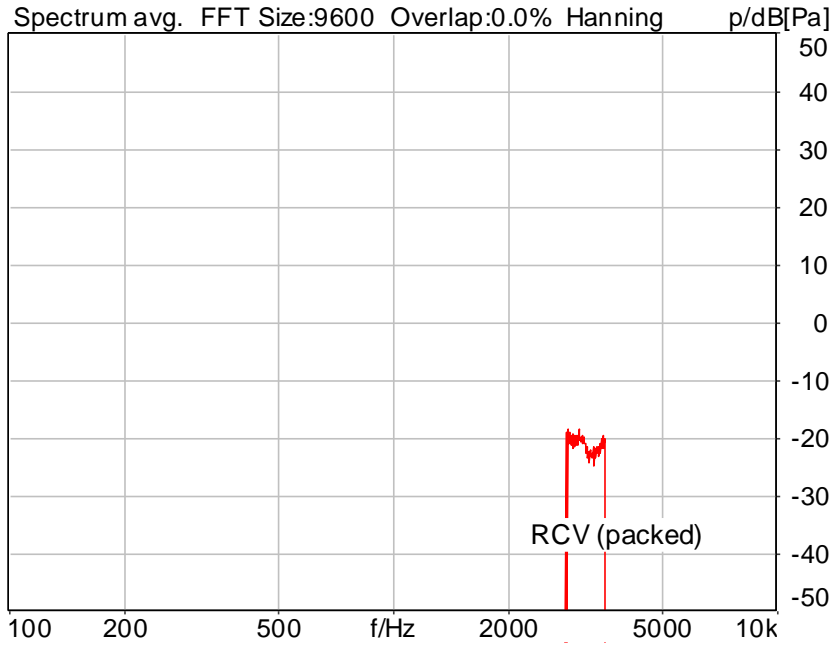
Limits

	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): 43.39 dB (0.68%) Ok

**Ok**

2023/11/1 下午 11:34 ACQUA 5.1.200

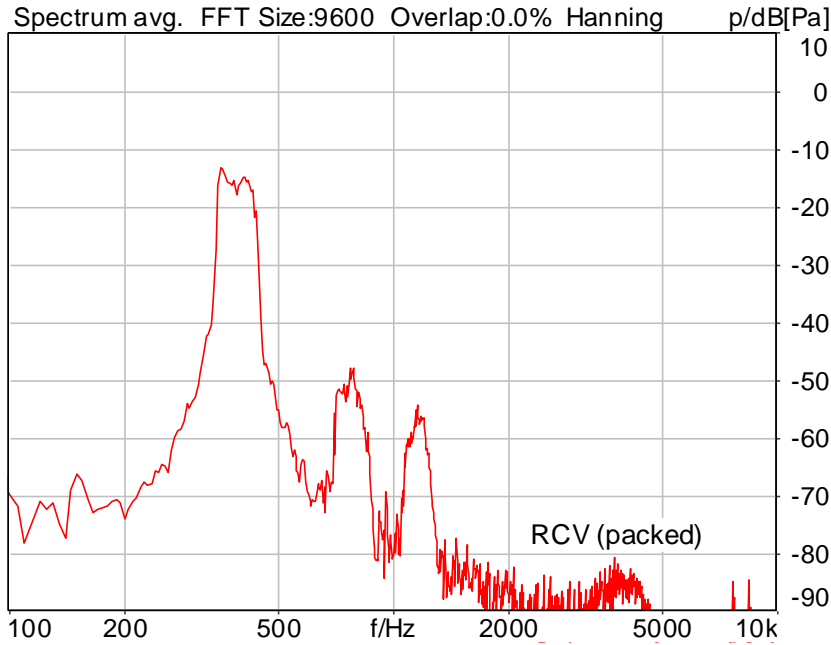
**Limits**

	<b>lower</b>
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): 33.07 dB (2.22%) Ok

Ok

2023/11/1 下午 11:38 ACQUA 5.1.200

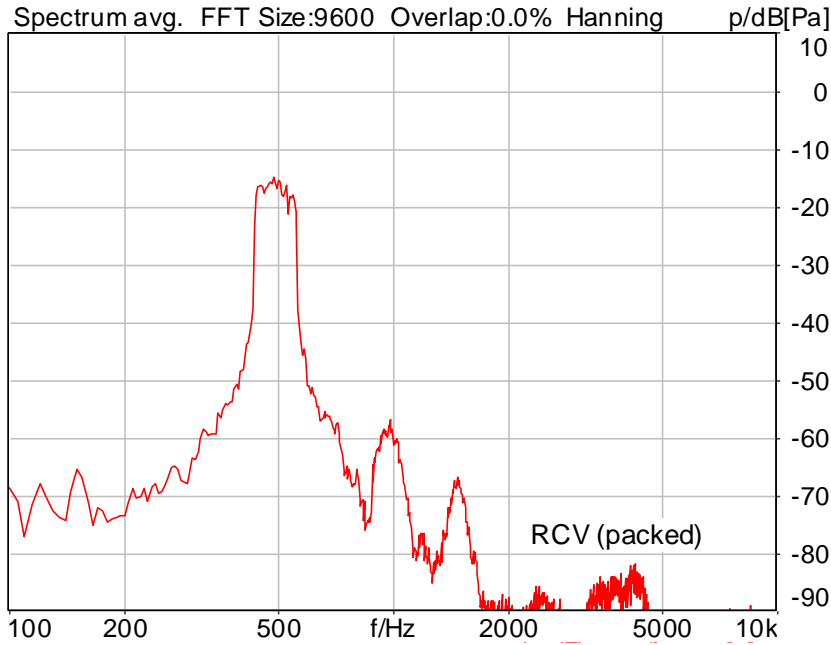
Limits

	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 2N change frequency range



Distortion (Noise) RCV (packed): 36.09 dB (1.57%) Ok

Ok

2023/11/1 下午 11:39 ACQUA 5.1.200

Limits

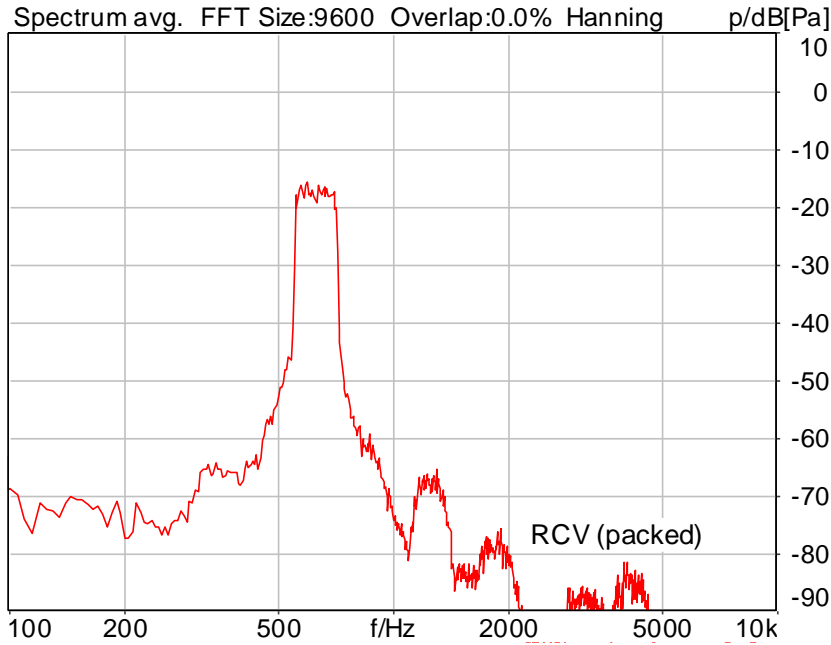
	lower
Run 1	20.00 dB





### 5.2 RCV Distortion and Noise - 630 Hz NB

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



Distortion (Noise) RCV (packed): 38.15 dB (1.24%) Ok

Ok

2023/11/1 下午 11:39 ACQUA 5.1.200

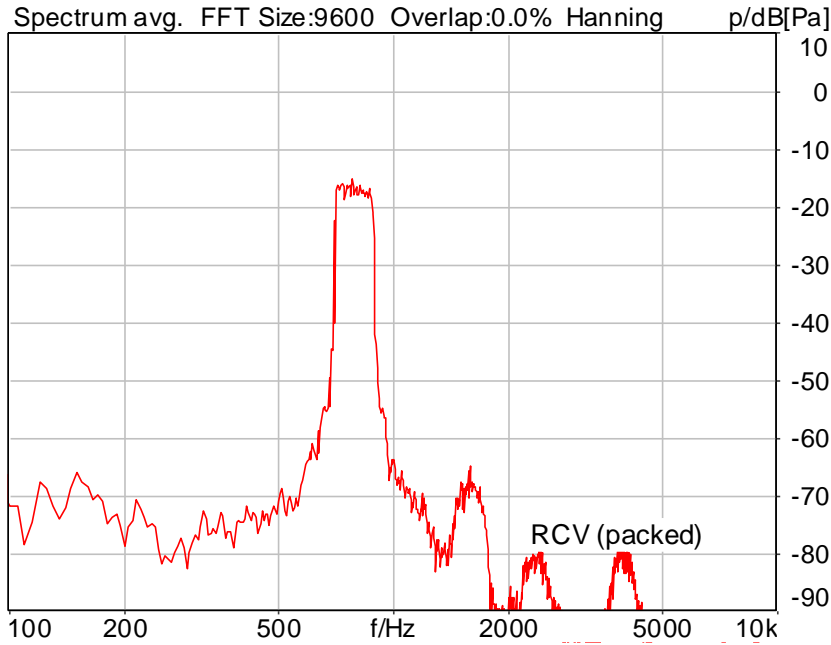
Limits

	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 2N change frequency range



Distortion (Noise) RCV (packed): 41.50 dB (0.84%) Ok

Ok

2023/11/1 下午 11:40 ACQUA 5.1.200

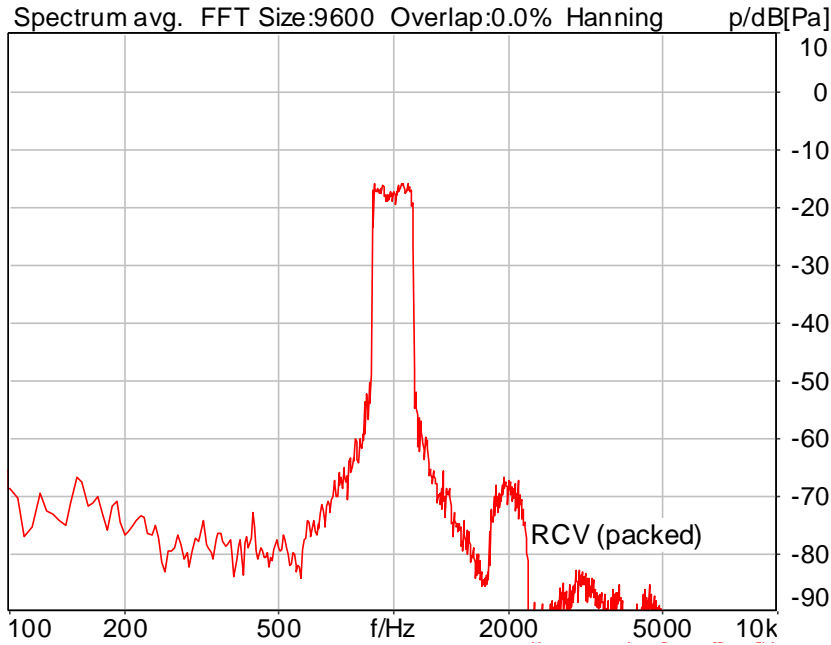
Limits

	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 2N change frequency range



Distortion (Noise) RCV (packed): 42.41 dB (0.76%) Ok

Ok

2023/11/1 下午 11:40 ACQUA 5.1.200

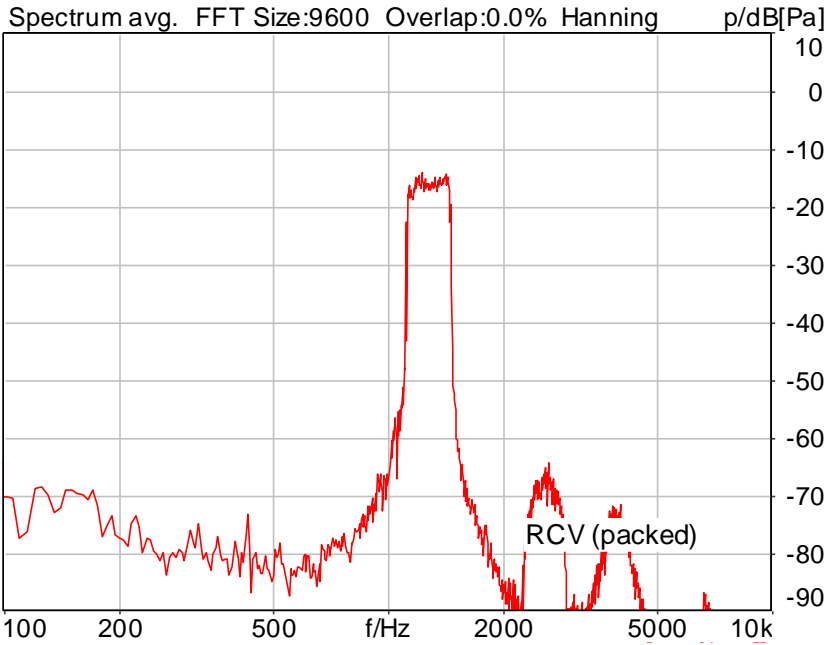
Limits

	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 2N change frequency range



Distortion (Noise) RCV (packed): 33.74 dB (2.06%) Ok

Ok

2023/11/1 下午 11:41 ACQUA 5.1.200

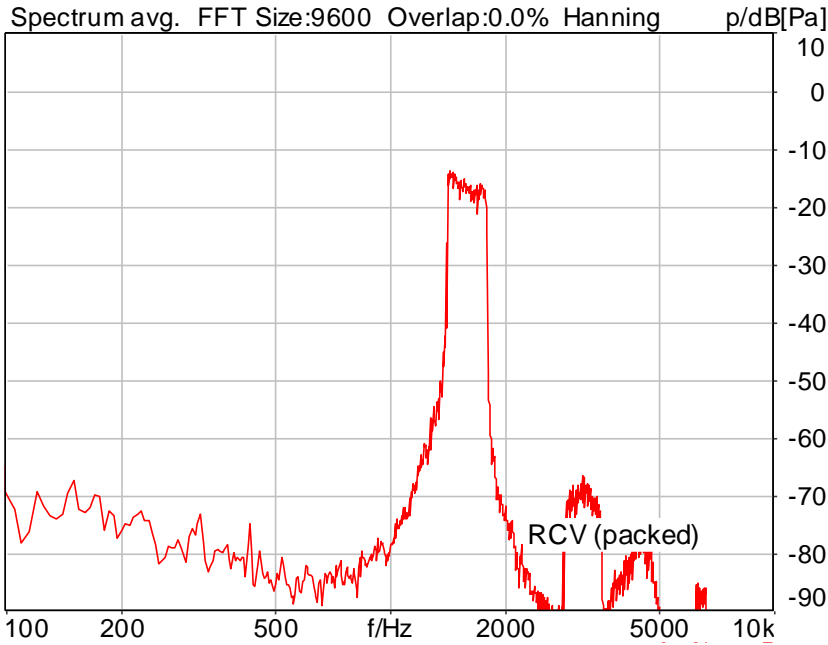
Limits

	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 2N change frequency range



Distortion (Noise) RCV (packed): 40.71 dB (0.92%) Ok

Ok

2023/11/1 下午 11:41 ACQUA 5.1.200

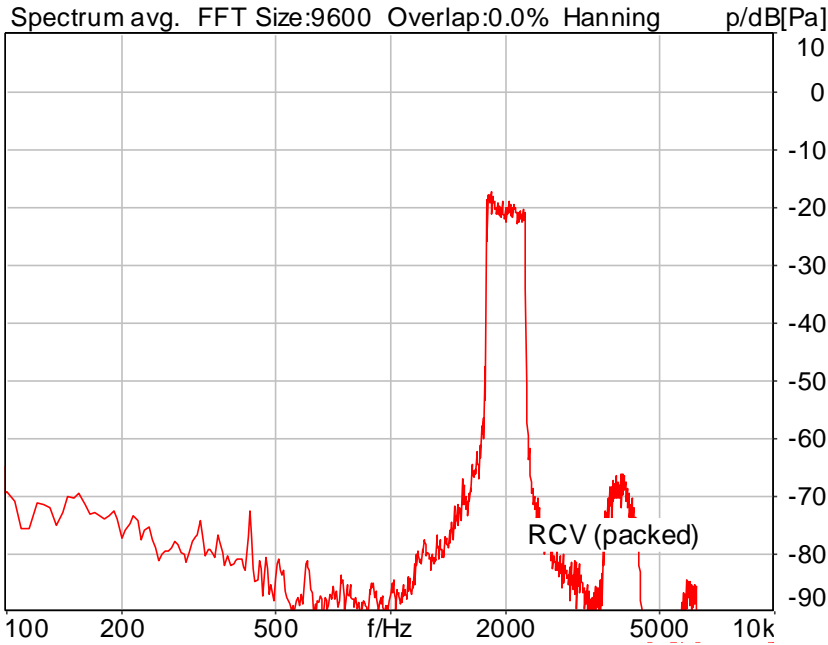
Limits

	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 2N change frequency range



Distortion (Noise) RCV (packed): 42.44 dB (0.76%) Ok

Ok

2023/11/1 下午 11:42 ACQUA 5.1.200

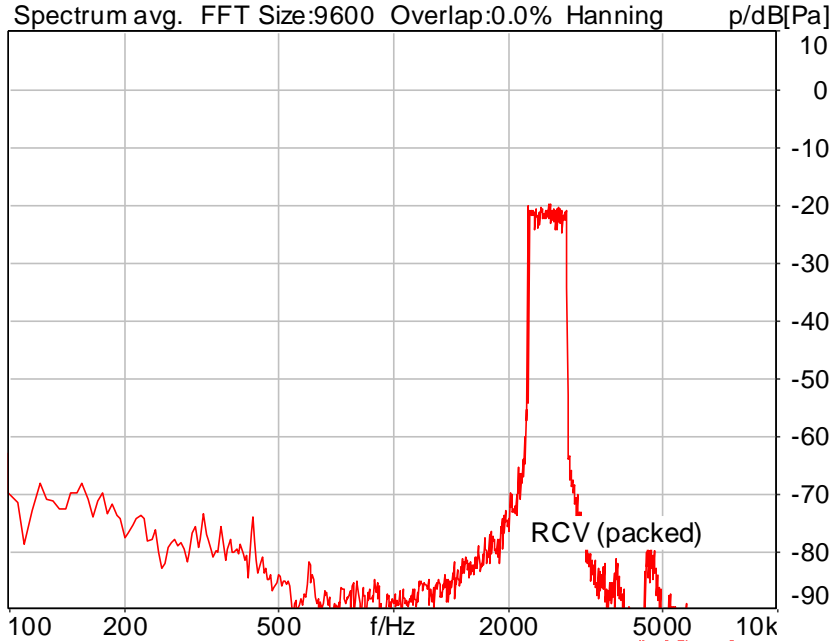
Limits

	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 2N change frequency range



Distortion (Noise) RCV (packed): 46.15 dB (0.49%) Ok

Ok

2023/11/1 下午 11:42 ACQUA 5.1.200

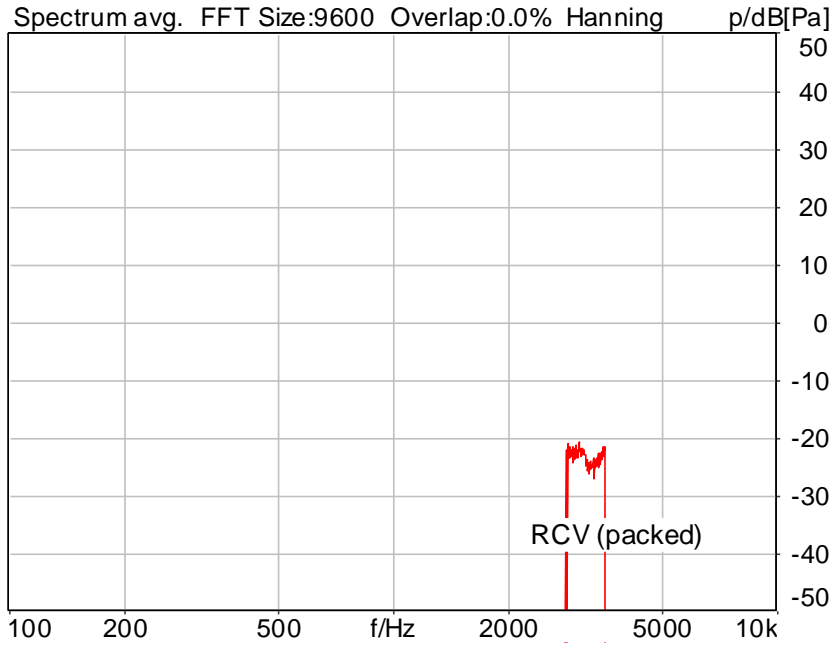
Limits

	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 2N change frequency range



Distortion (Noise) RCV (packed): 45.07 dB (0.56%) Ok

Ok

2023/11/1 下午 11:43 ACQUA 5.1.200

Limits

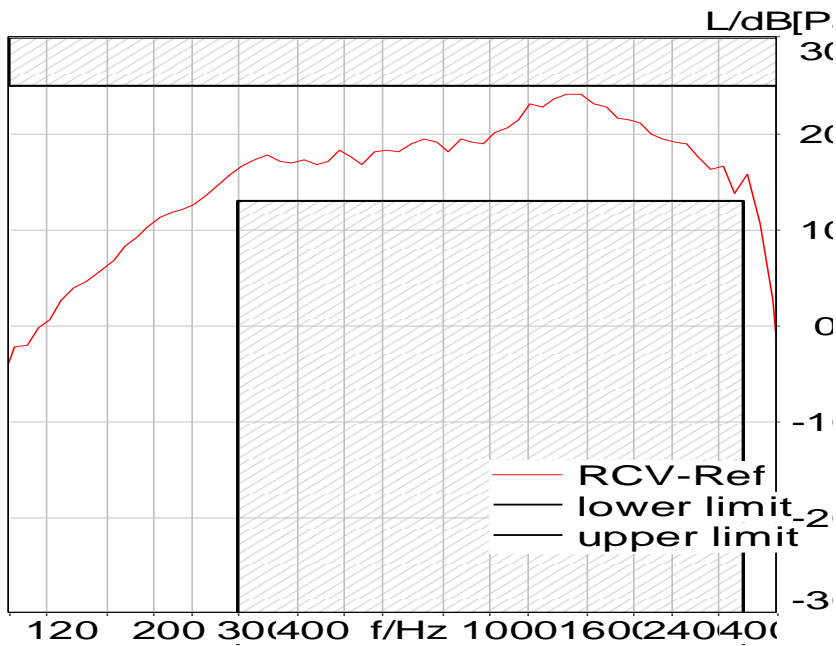
	lower
Run 1	20.00 dB





### 5.3 Frequency Response 8N FF HANB

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



Absolute minimal distance  
0.89 dB at 1447.5 Hz Ok

Ok

2023/11/1 下午 11:34 ACQUA 5.1.200

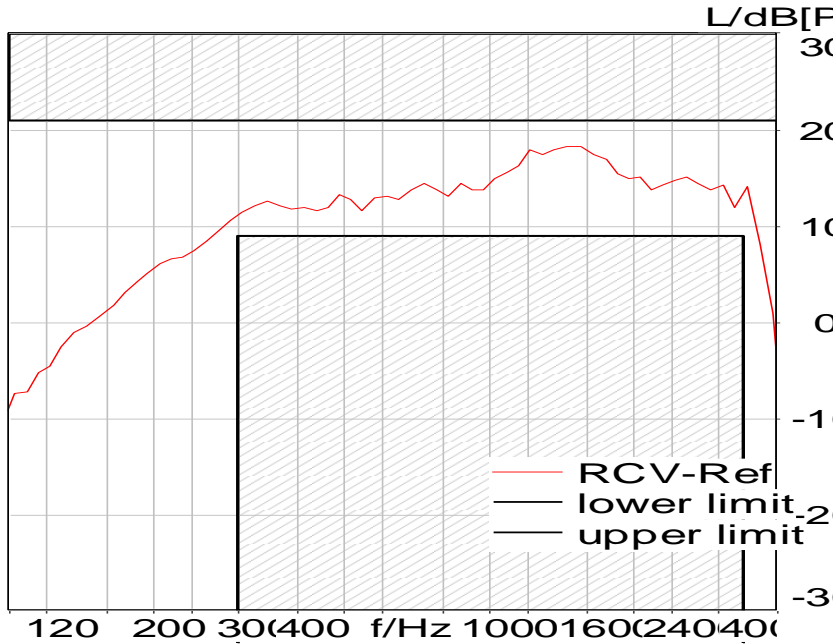
**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



### 5.3 Frequency Response 2N FF HANB

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



Absolute minimal distance  
2.58 dB at 1447.5 Hz Ok

Ok

2023/11/1 下午 11:43 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



#18 WiFi 5.8GHz EVS WB 24.4Kbps

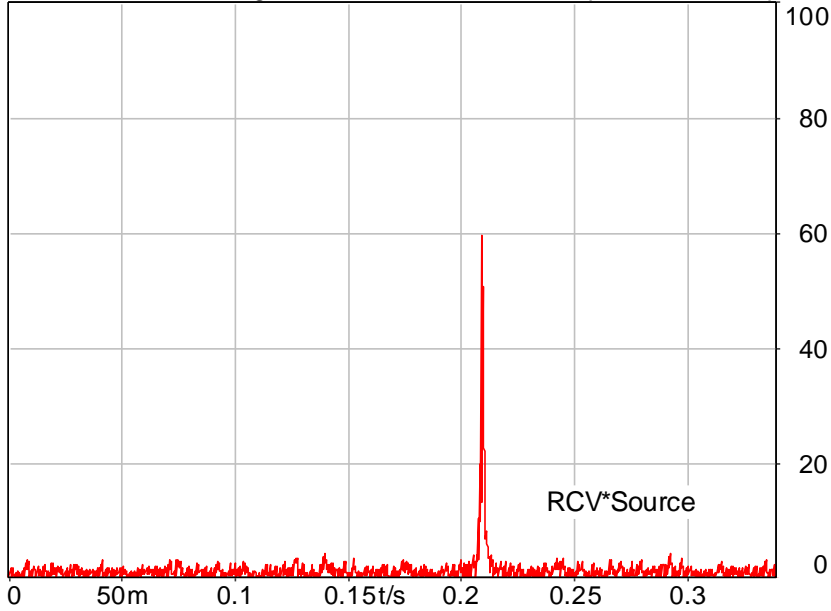
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	209.4
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	90.13
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.75
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.26
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.78
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.60
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	39.16
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.59
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	29.98
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.96
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.00
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.07
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.86
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.35
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.54
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.27
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	29.19
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.37
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.39
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.74
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.94
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.42
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.00
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.29
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.88
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.61
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.05
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.32
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.52
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	39.56
5.3 Frequency Response 8N FF	Ok	Min. dist. to tolerance scheme [dB], 205.7 Hz	2.33
5.3 Frequency Response 2N FF	Ok	Min. dist. to tolerance scheme [dB], 205.7 Hz	1.98



### Overall Receive Delay WB

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

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



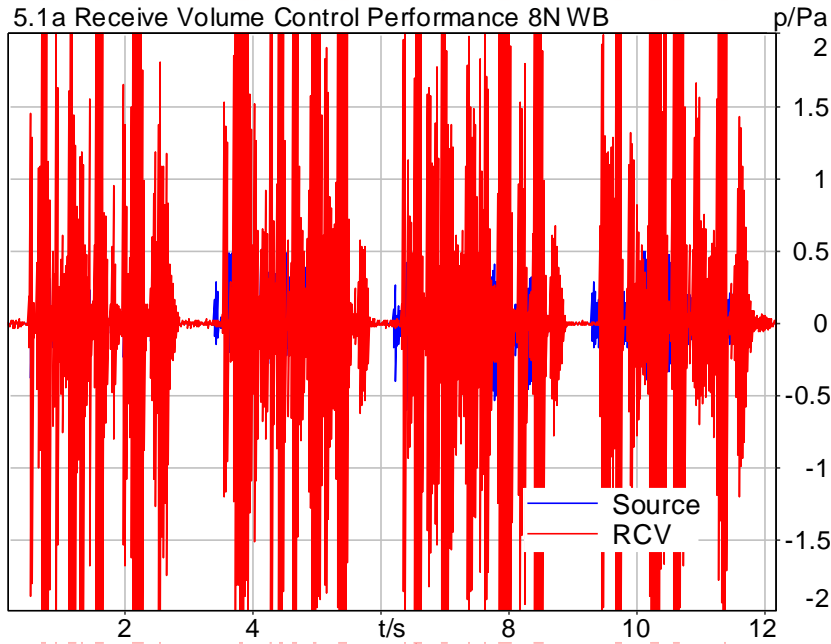
Delay (Cross): 209.4 ms

2023/11/2 上午 12:10 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 90.13 dB[SPL], Act.: 61.45% Ok

Ok

2023/11/2 上午 12:10 ACQUA 5.1.200

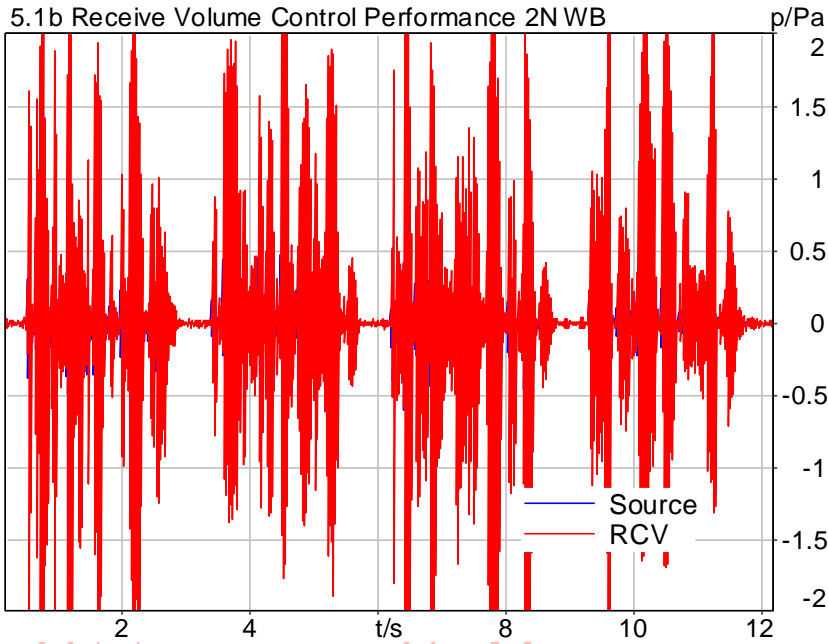
Limits

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 87.75 dB[SPL], Act.: 38.04% Ok

Ok

2023/11/2 上午 12:19 ACQUA 5.1.200

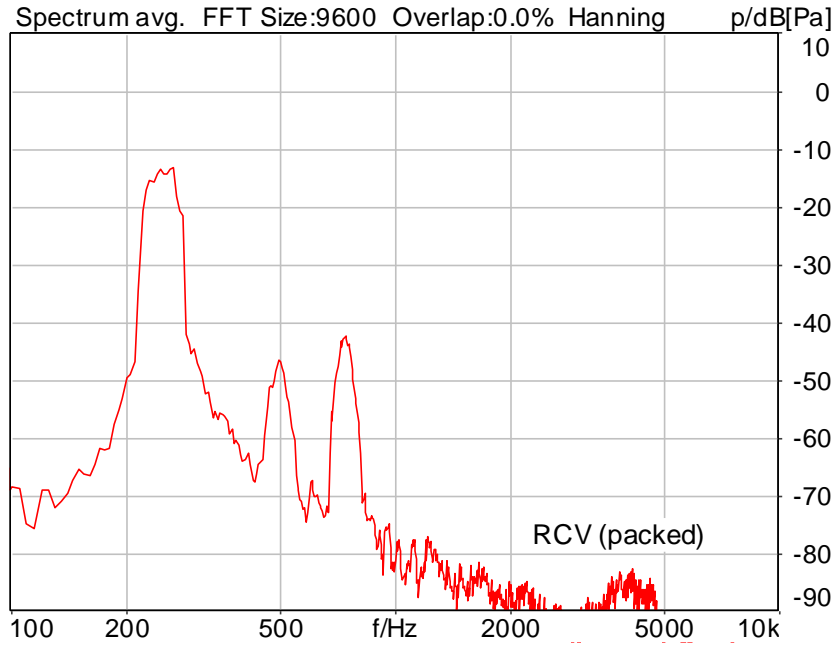
Limits

	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): 28.26 dB (3.87%) Ok

Ok

2023/11/2 上午 12:11 ACQUA 5.1.200

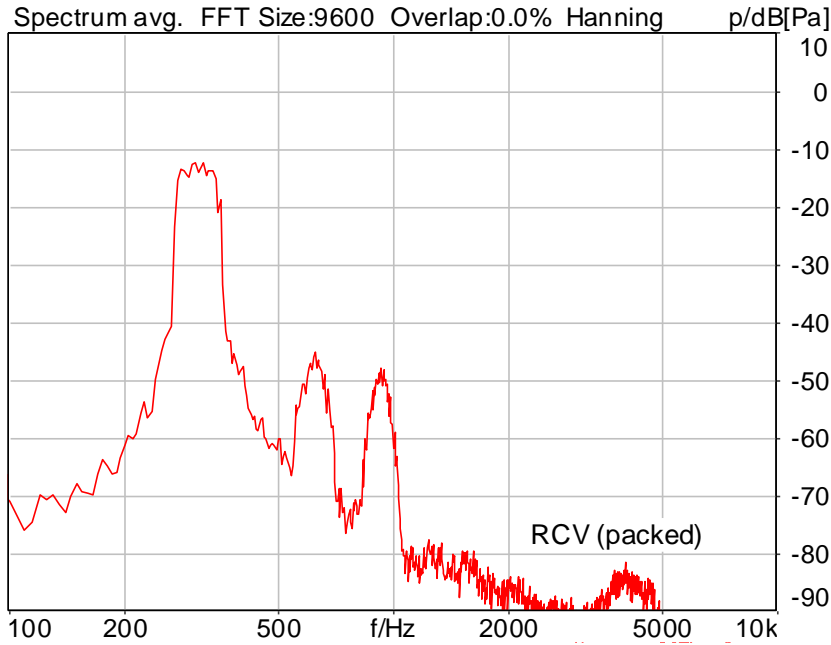
Limits

	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): 31.78 dB (2.58%) Ok

Ok

2023/11/2 上午 12:11 ACQUA 5.1.200

Limits

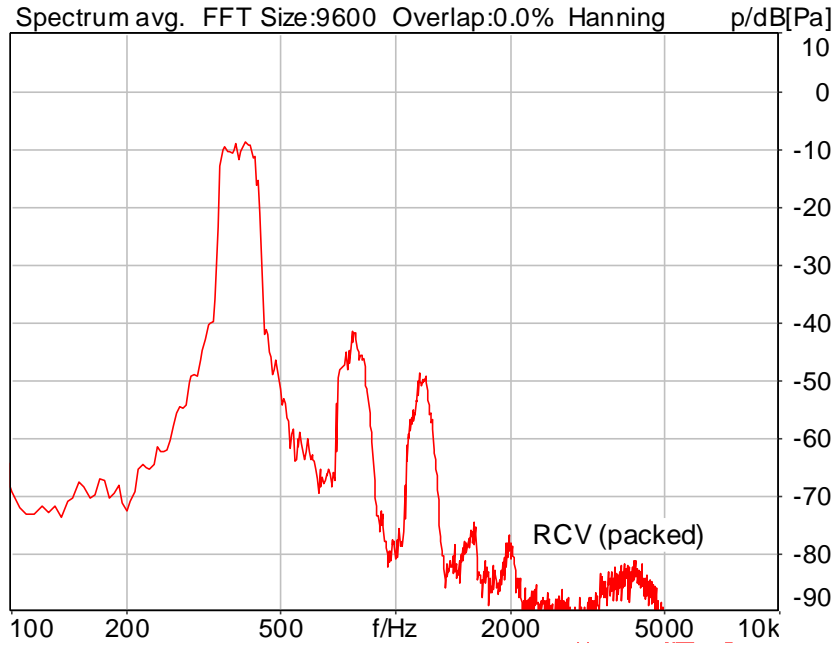
	lower
Run 1	20.00 dB





### 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): 32.60 dB (2.34%) Ok

Ok

2023/11/2 上午 12:12 ACQUA 5.1.200

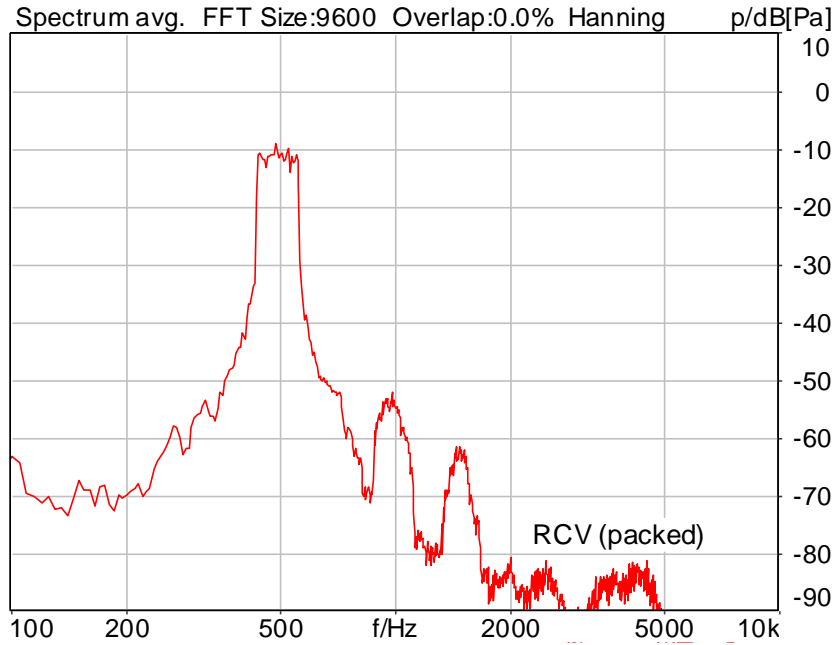
Limits

	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): 36.09 dB (1.57%) Ok

Ok

2023/11/2 上午 12:12 ACQUA 5.1.200

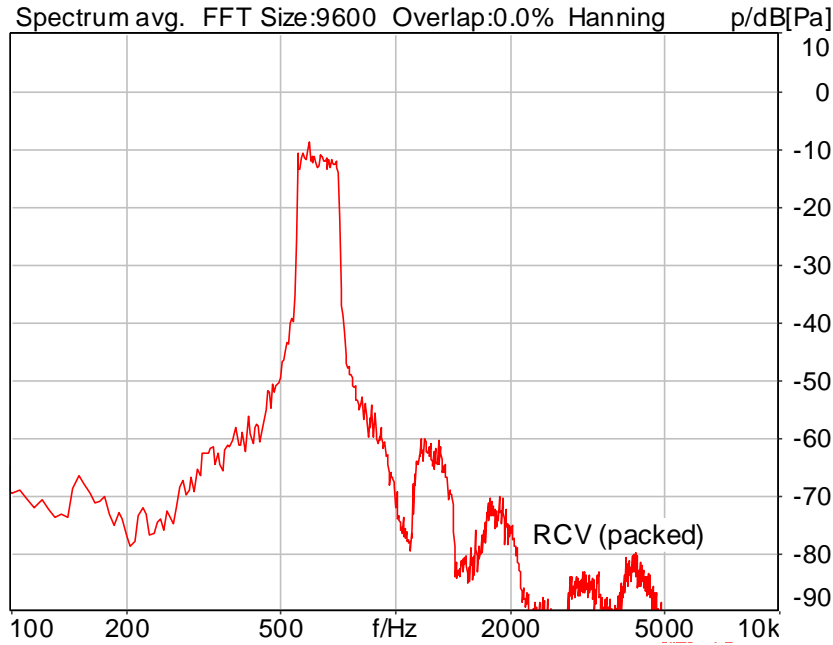
Limits

	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): 39.16 dB (1.10%) Ok

Ok

2023/11/2 上午 12:13 ACQUA 5.1.200

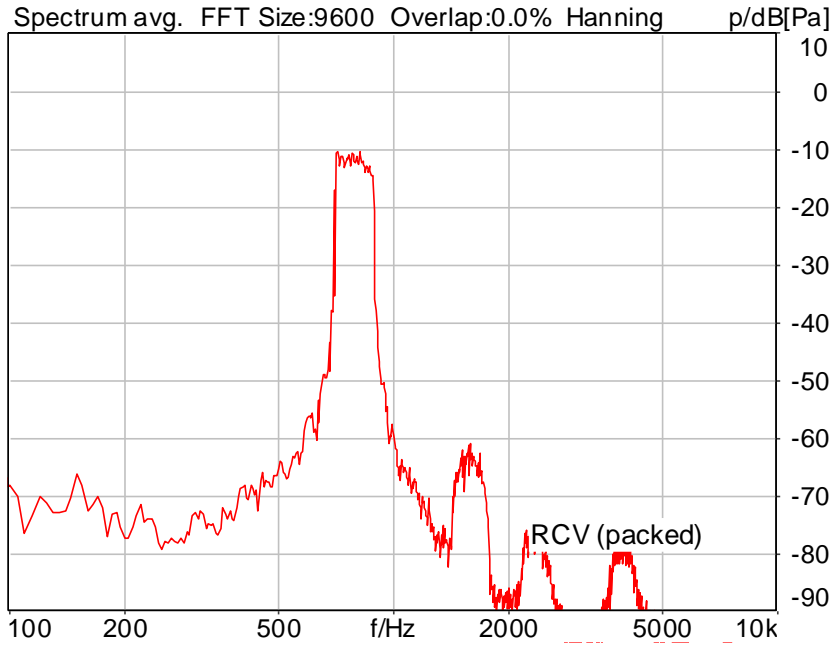
Limits

	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): 41.59 dB (0.83%) Ok

Ok

2023/11/2 上午 12:13 ACQUA 5.1.200

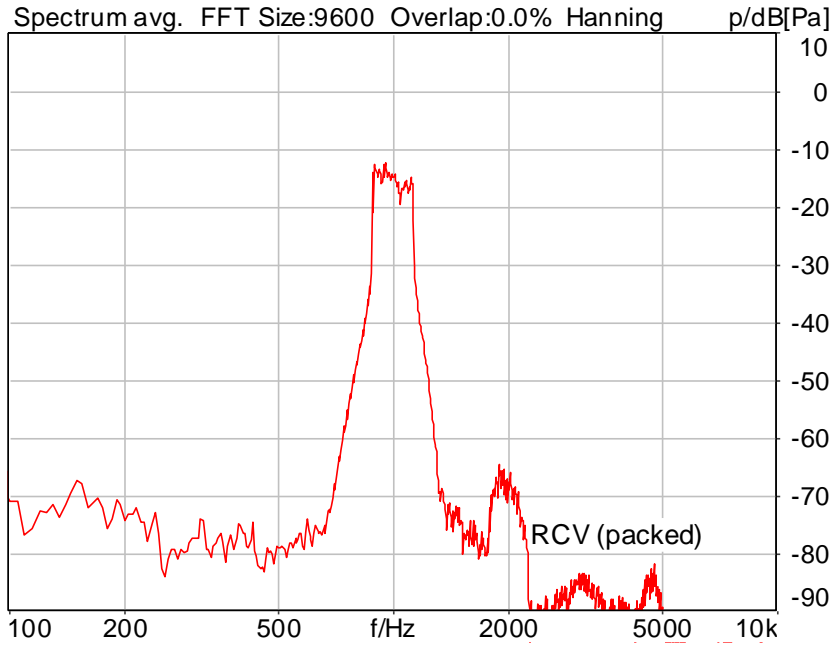
Limits

	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): 29.98 dB (3.17%) Ok

**Ok**

2023/11/2 上午 12:14 ACQUA 5.1.200

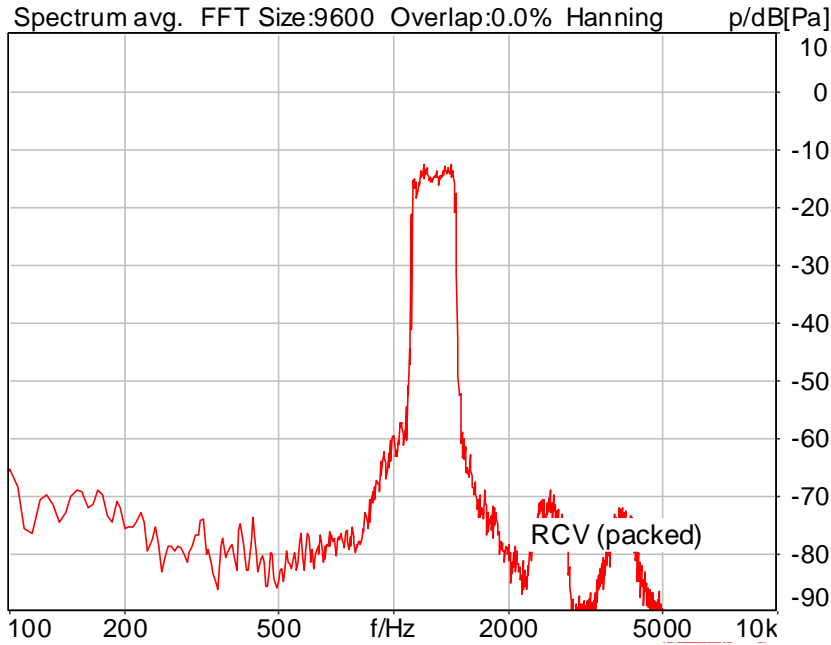
**Limits**

	<b>lower</b>
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): 32.96 dB (2.25%) Ok

Ok

2023/11/2 上午 12:14 ACQUA 5.1.200

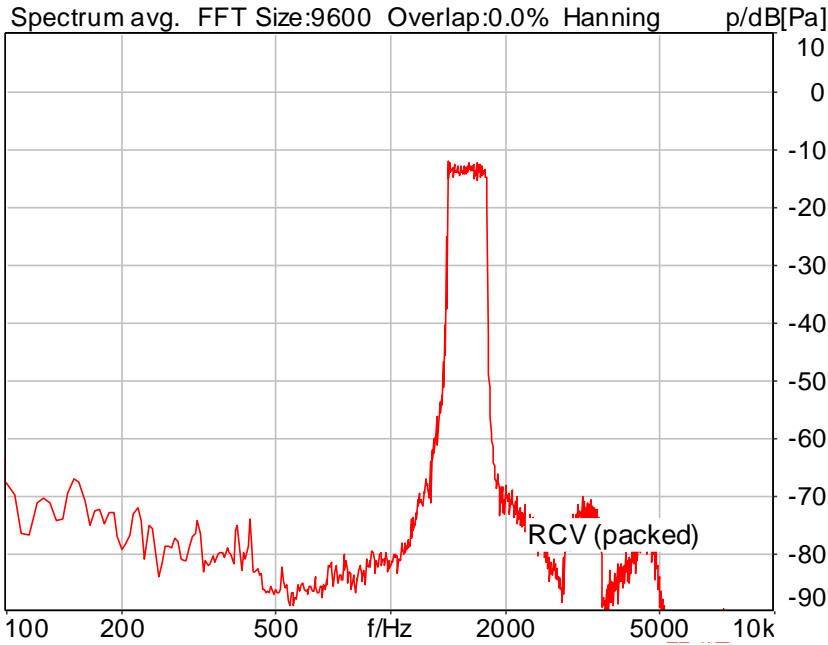
Limits

	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



Ok

2023/11/2 上午 12:15 ACQUA 5.1.200

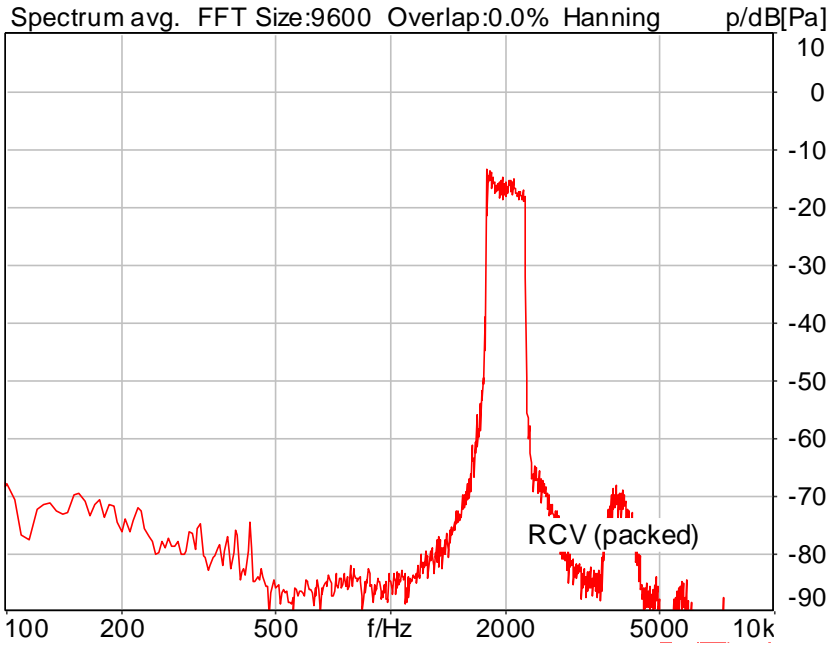
Limits

	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): 43.07 dB (0.70%) Ok

Ok

2023/11/2 上午 12:15 ACQUA 5.1.200

Limits

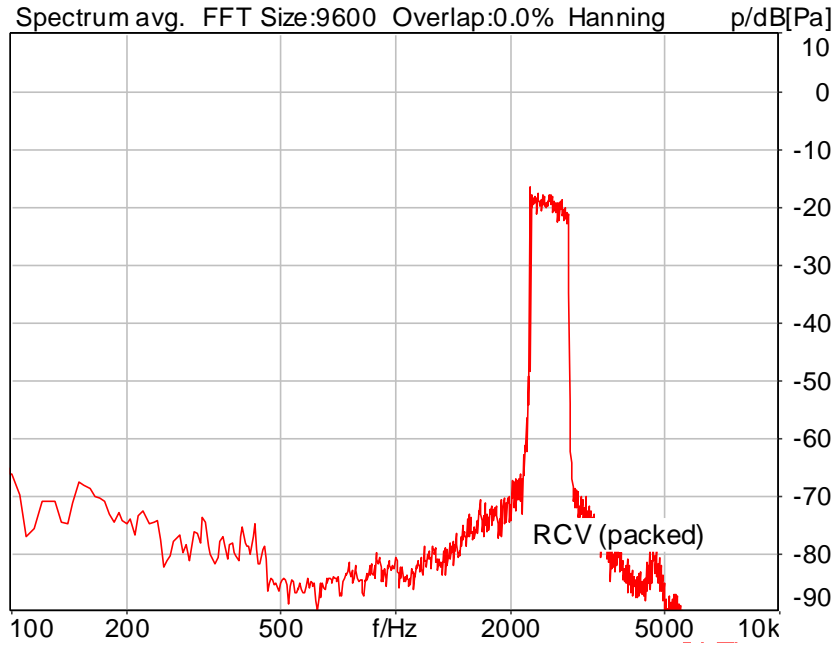
	lower
Run 1	20.00 dB





### 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): 45.86 dB (0.51%) Ok

**Ok**

2023/11/2 上午 12:16 ACQUA 5.1.200

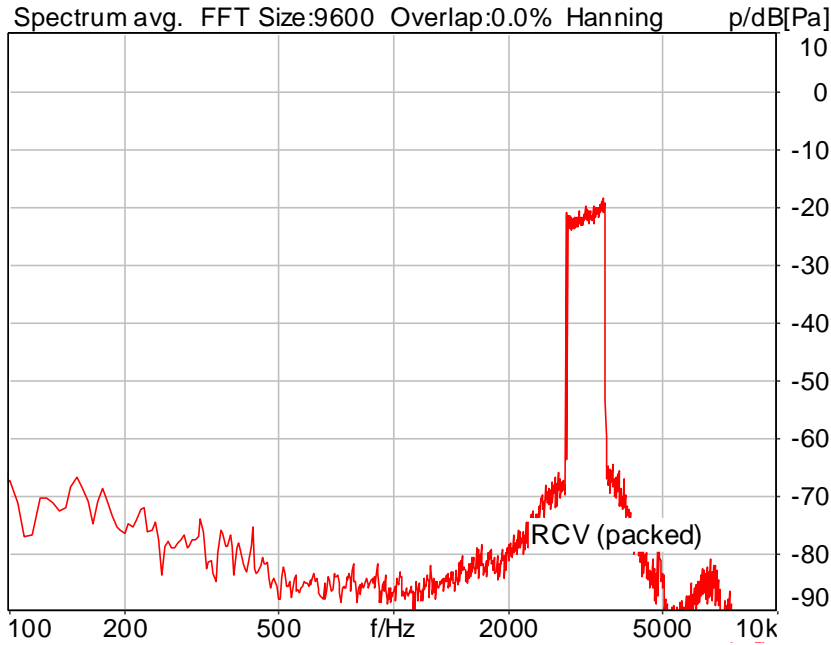
**Limits**

	<b>lower</b>
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): 44.35 dB (0.61%) Ok

**Ok**

2023/11/2 上午 12:16 ACQUA 5.1.200

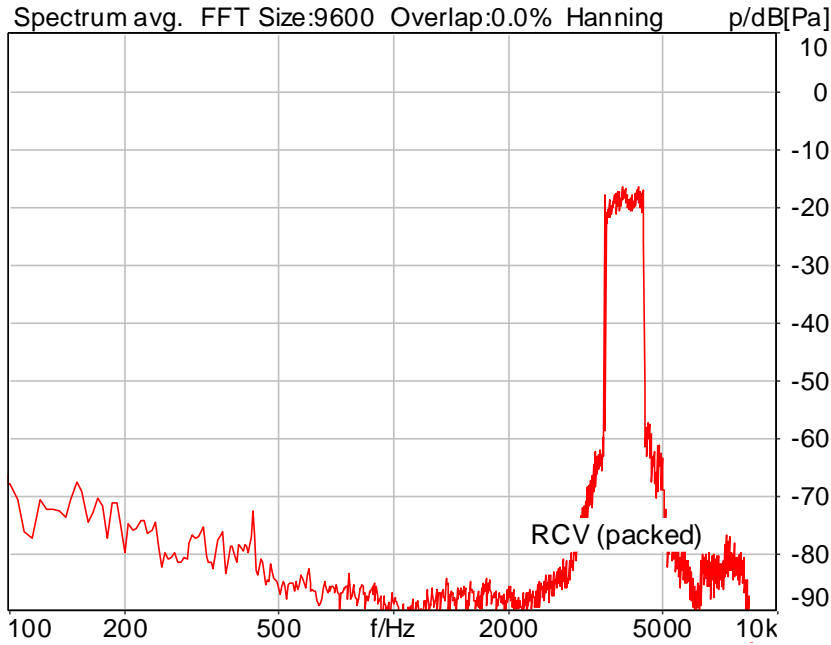
**Limits**

	<b>lower</b>
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): 43.54 dB (0.67%) Ok

Ok

2023/11/2 上午 12:17 ACQUA 5.1.200

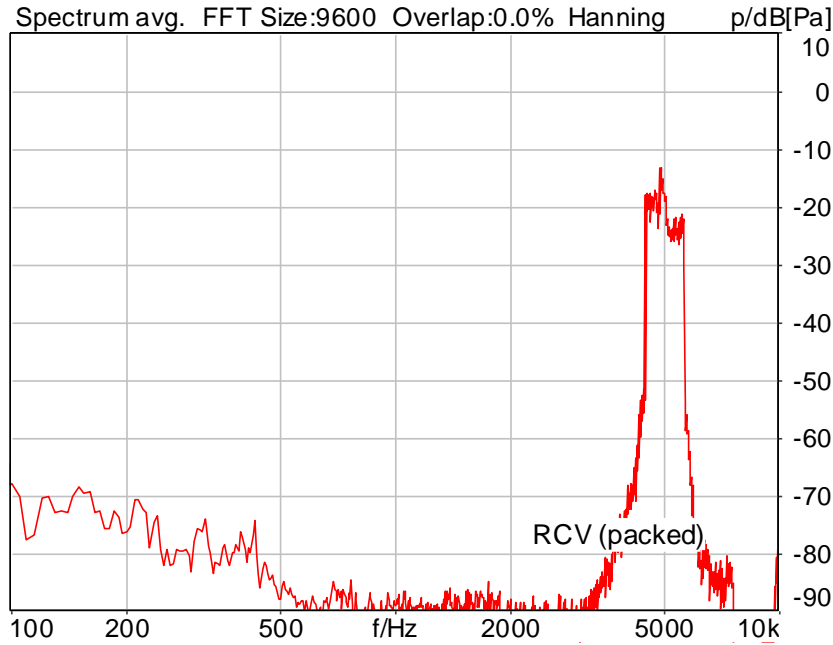
Limits

	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): 41.27 dB (0.86%) Ok

Ok

2023/11/2 上午 12:17 ACQUA 5.1.200

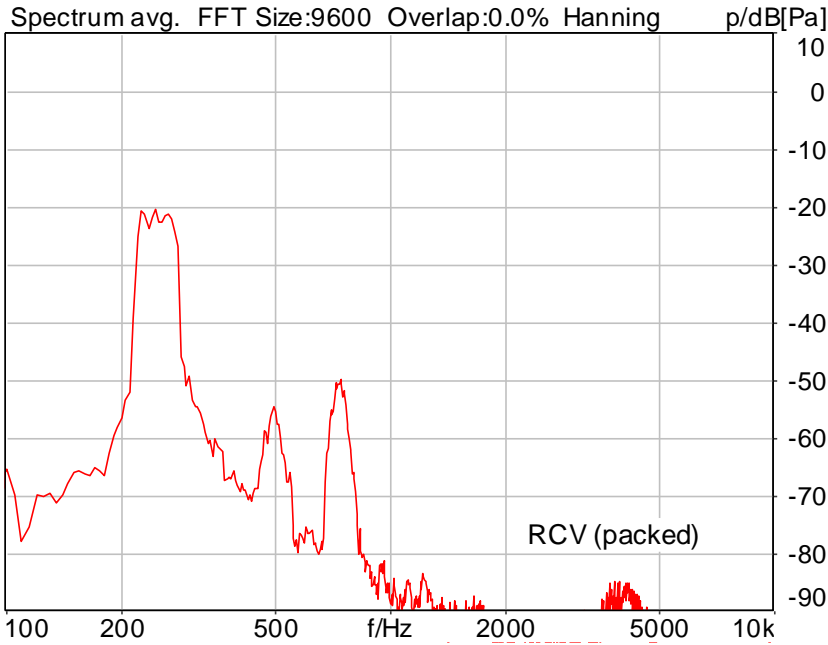
Limits

	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): 29.19 dB (3.47%) Ok

Ok

2023/11/2 上午 12:20 ACQUA 5.1.200

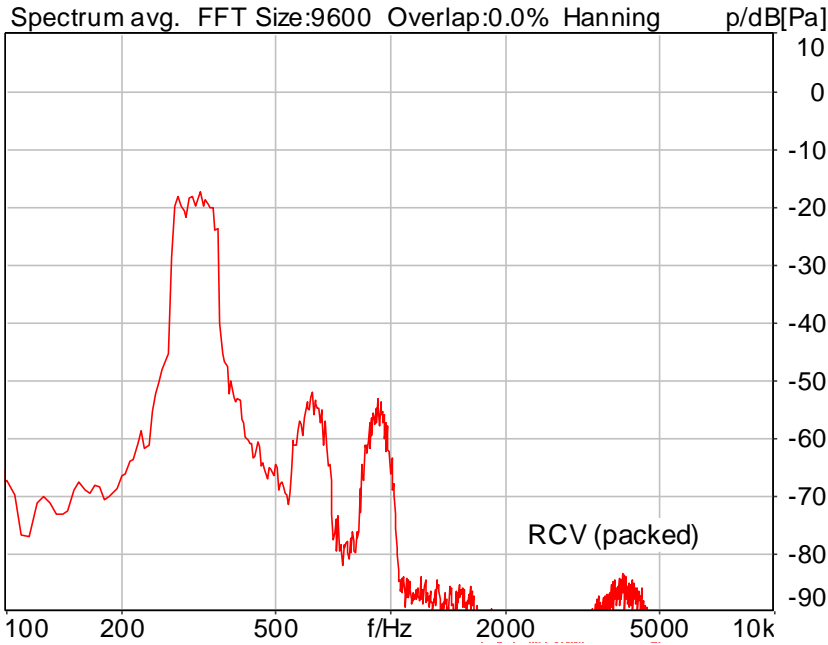
Limits

	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): 32.37 dB (2.41%) Ok

Ok

2023/11/2 上午 12:20 ACQUA 5.1.200

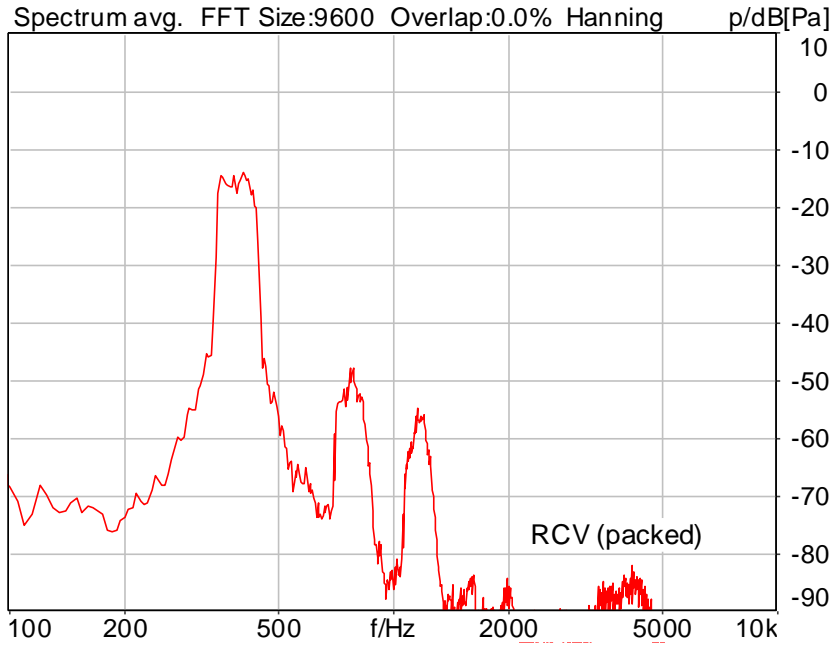
Limits

	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): 33.39 dB (2.14%) Ok

Ok

2023/11/2 上午 12:21 ACQUA 5.1.200

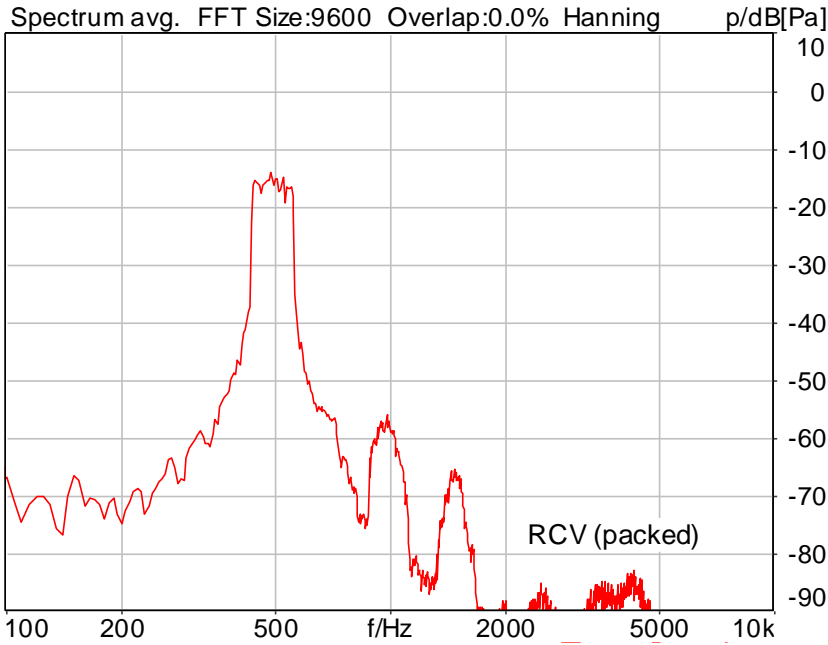
Limits

	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): 35.74 dB (1.63%) Ok

Ok

2023/11/2 上午 12:21 ACQUA 5.1.200

Limits

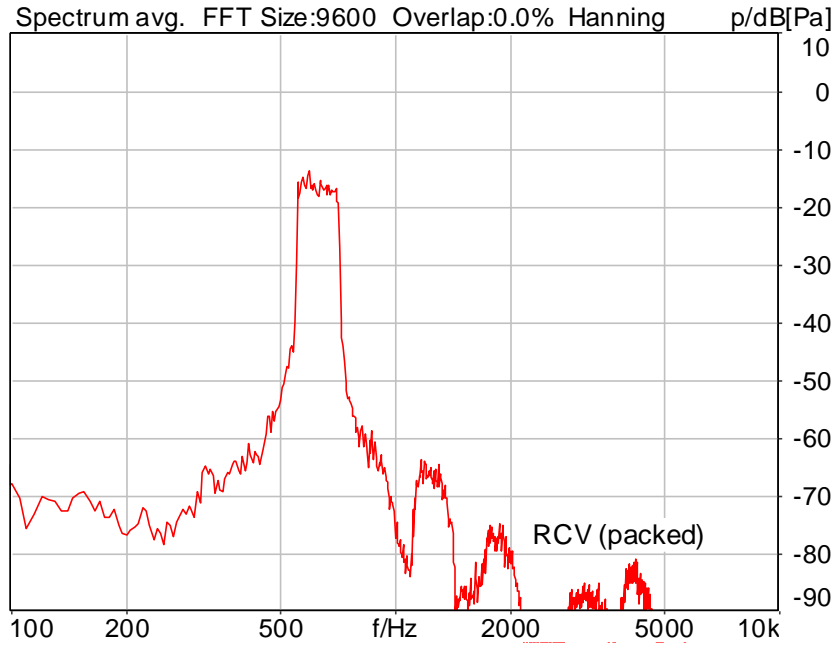
	lower
Run 1	20.00 dB





### 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): 38.94 dB (1.13%) Ok

Ok

2023/11/2 上午 12:22 ACQUA 5.1.200

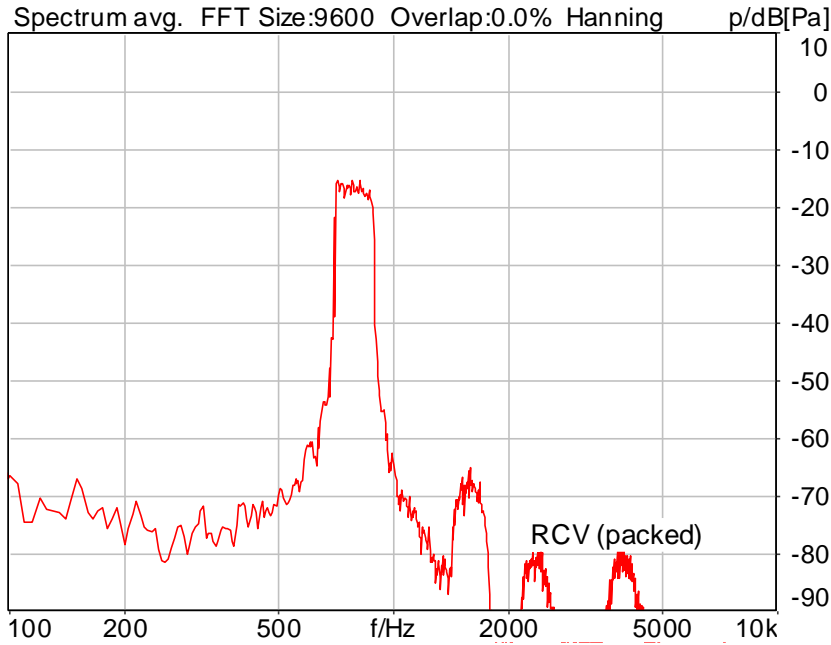
Limits

	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): 41.42 dB (0.85%) Ok

Ok

2023/11/2 上午 12:22 ACQUA 5.1.200

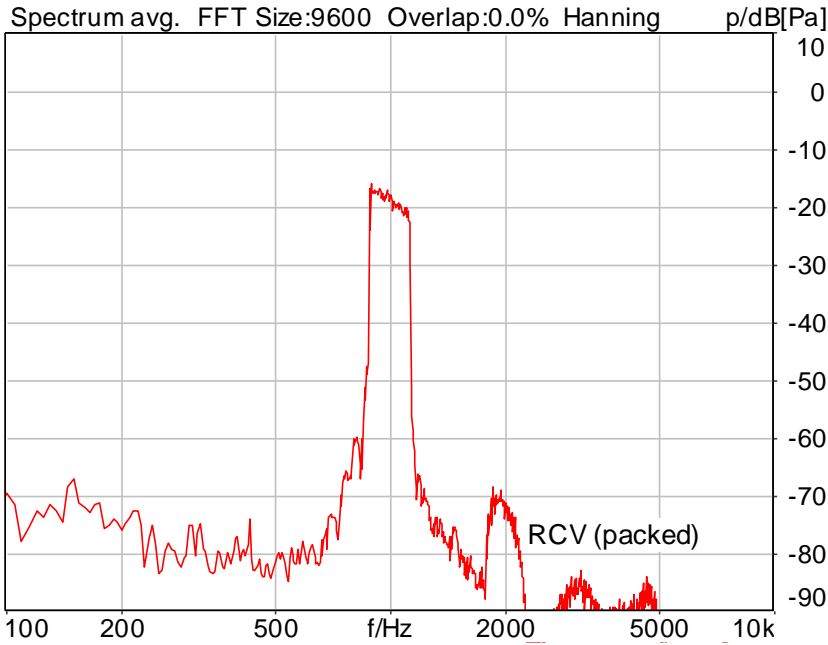
Limits

	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): 45.00 dB (0.56%) Ok

Ok

2023/11/2 上午 12:23 ACQUA 5.1.200

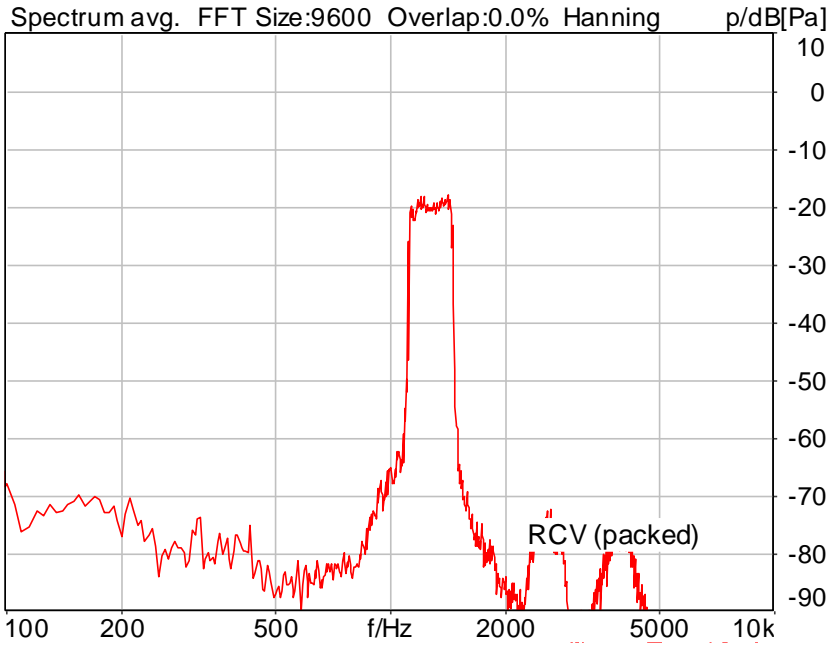
Limits

	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



Ok

2023/11/2 上午 12:23 ACQUA 5.1.200

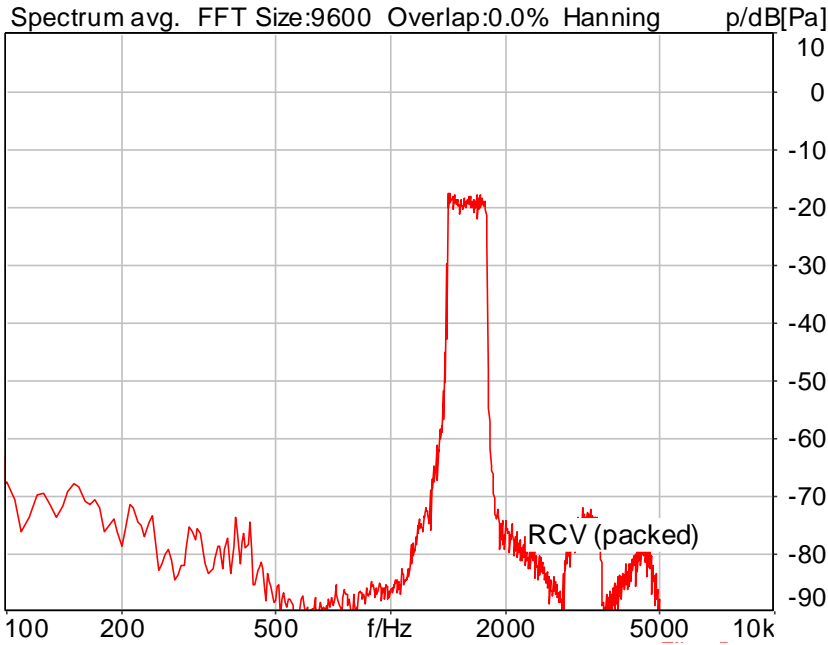
Limits

	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



Ok

2023/11/2 上午 12:24 ACQUA 5.1.200

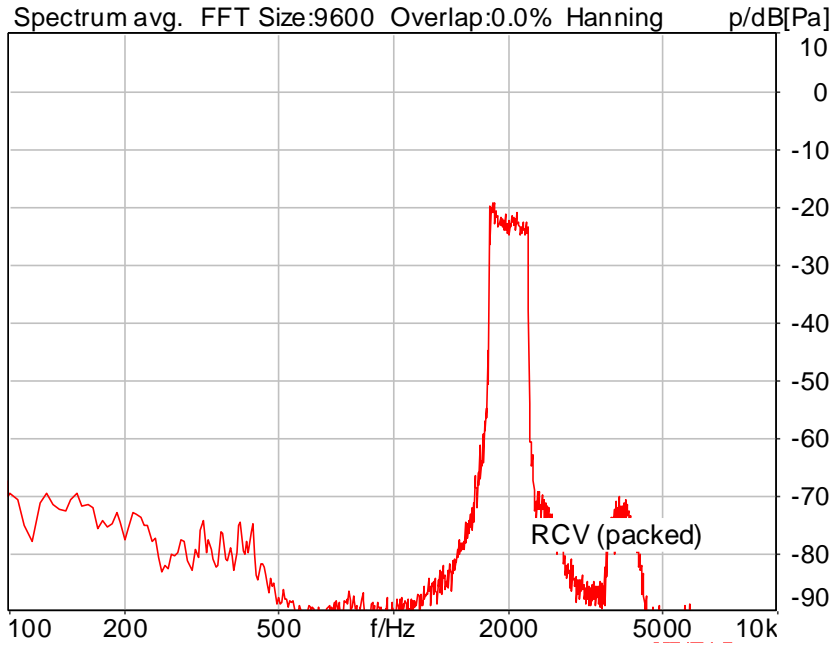
Limits

	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): 41.61 dB (0.83%) Ok

Ok

2023/11/2 上午 12:24 ACQUA 5.1.200

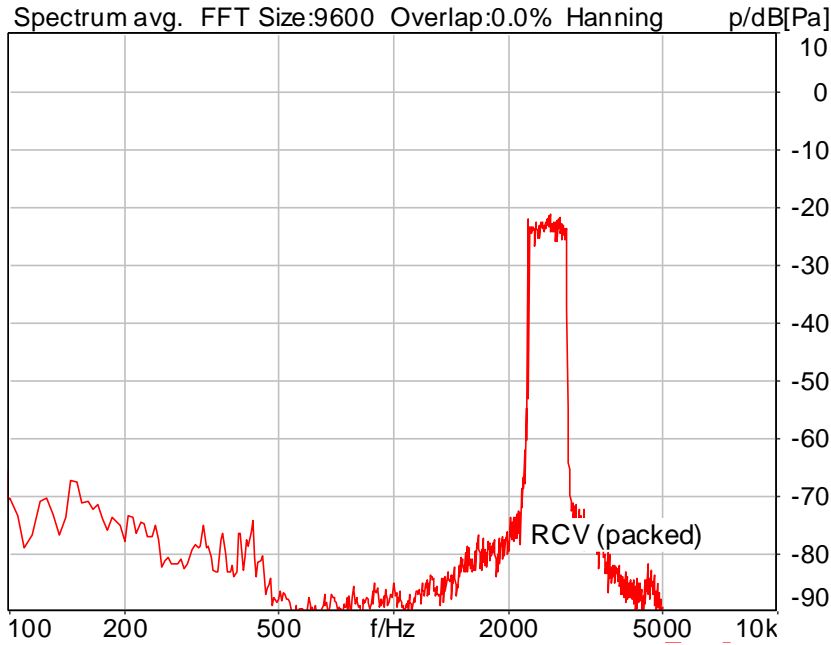
Limits

	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): 46.05 dB (0.50%) Ok

Ok

2023/11/2 上午 12:25 ACQUA 5.1.200

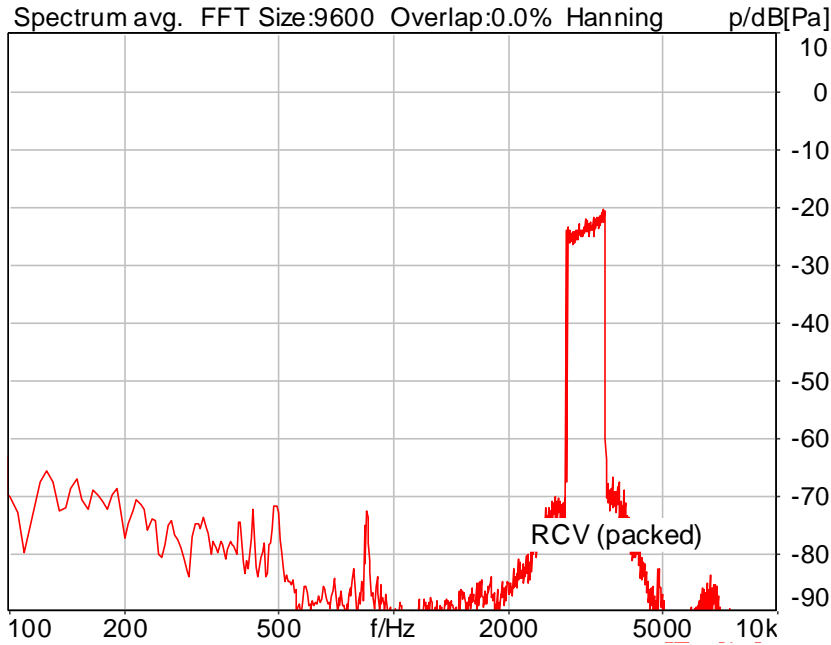
Limits

	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): 45.32 dB (0.54%) Ok

Ok

2023/11/2 上午 12:25 ACQUA 5.1.200

Limits

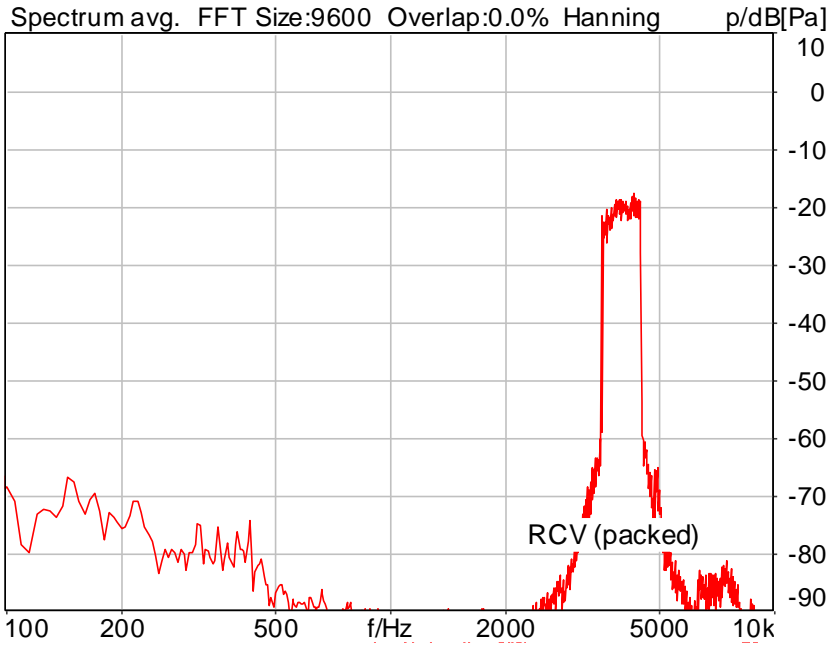
	lower
Run 1	20.00 dB





### 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): 44.52 dB (0.59%) Ok

Ok

2023/11/2 上午 12:26 ACQUA 5.1.200

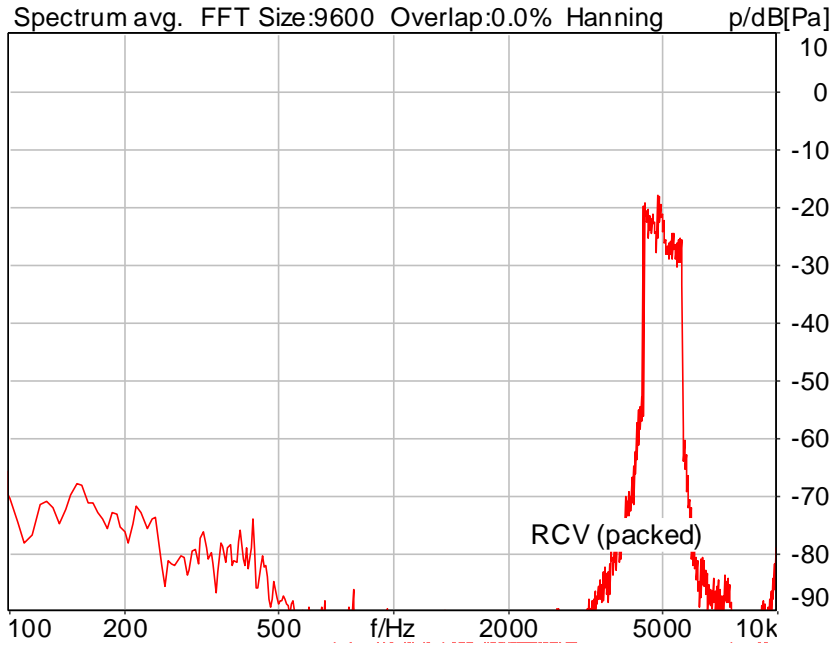
Limits

	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): 39.56 dB (1.05%) Ok

Ok

2023/11/2 上午 12:26 ACQUA 5.1.200

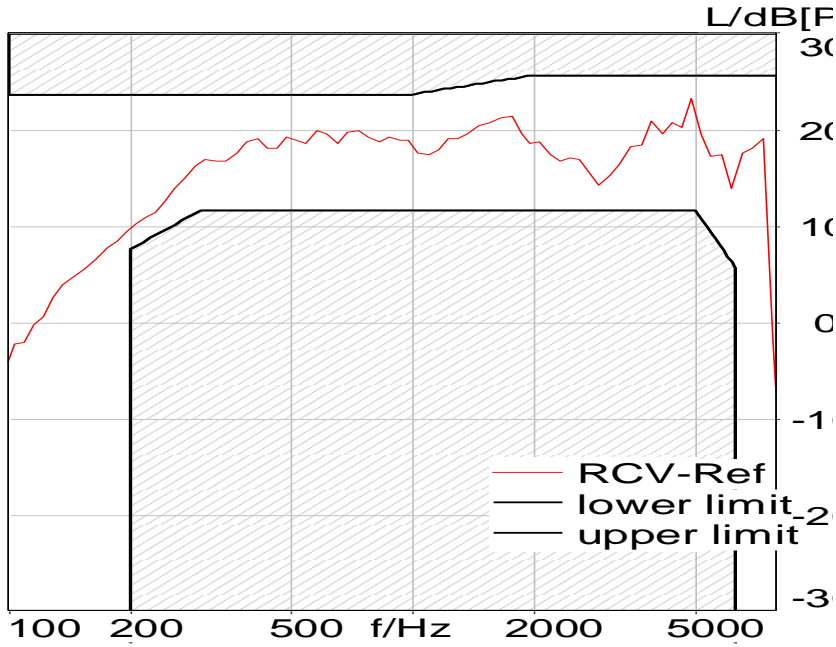
Limits

	lower
Run 1	20.00 dB



### 5.3 Frequency Response 8N FF

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



Absolute minimal distance  
2.33 dB at 205.7 Hz Ok

Ok

2023/11/2 上午 12:18 ACQUA 5.1.200

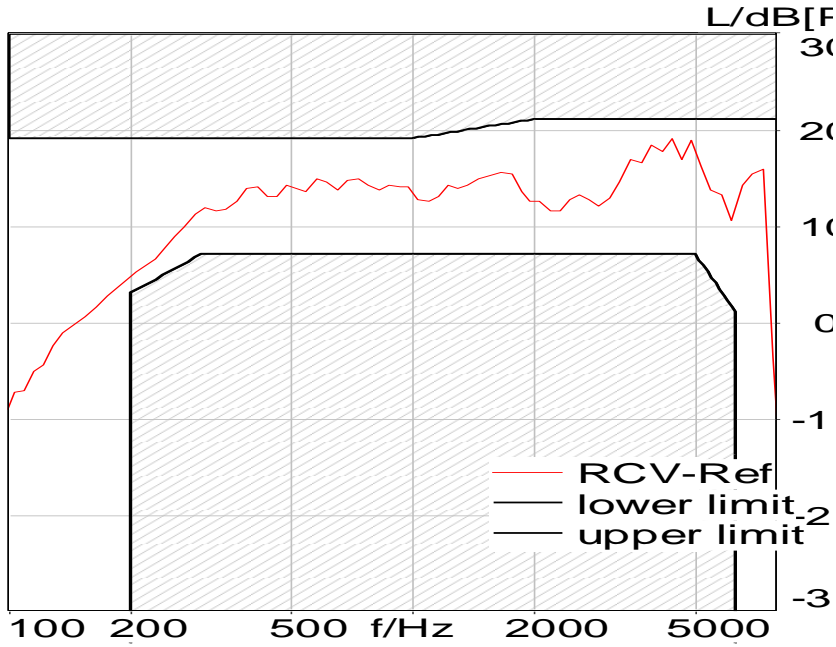
**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



### 5.3 Frequency Response 2N FF

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



Absolute minimal distance  
1.98 dB at 205.7 Hz Ok

Ok

2023/11/2 上午 12:27 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



**#19 WiFi 5.9GHz EVS WB 24.4Kbps**

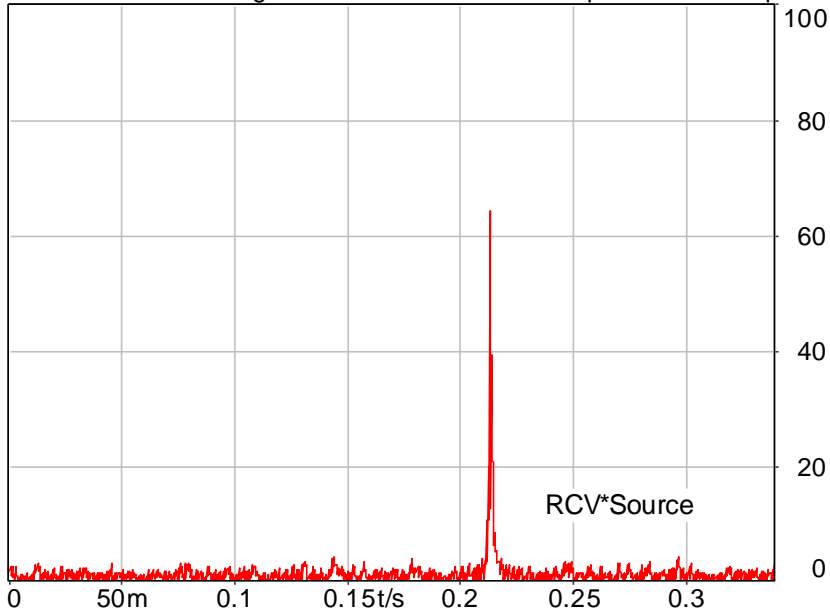
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	213.9
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	90.29
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	88.19
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	28.26
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	31.52
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.33
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.75
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.51
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.06
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.93
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.62
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.58
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	42.09
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	45.84
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.57
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	43.28
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	40.82
5.2 RCV Distortion and Noise - 250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	25.37
5.2 RCV Distortion and Noise - 315 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.21
5.2 RCV Distortion and Noise - 400 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	33.27
5.2 RCV Distortion and Noise - 500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	35.73
5.2 RCV Distortion and Noise - 630 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	38.64
5.2 RCV Distortion and Noise - 800 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.34
5.2 RCV Distortion and Noise - 1000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.76
5.2 RCV Distortion and Noise - 1250 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	32.57
5.2 RCV Distortion and Noise - 1600 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.74
5.2 RCV Distortion and Noise - 2000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	41.61
5.2 RCV Distortion and Noise - 2500 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	46.04
5.2 RCV Distortion and Noise - 3150 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.77
5.2 RCV Distortion and Noise - 4000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	44.85
5.2 RCV Distortion and Noise - 5000 Hz WB	Ok	Distortion (Noise) [dB], 0.0 dB	39.80
5.3 Frequency Response 8N FF	Ok	Min. dist. to tolerance scheme [dB], 205.7 Hz	2.67
5.3 Frequency Response 2N FF	Ok	Min. dist. to tolerance scheme [dB], 4369.4 Hz	1.28



### Overall Receive Delay WB

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

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



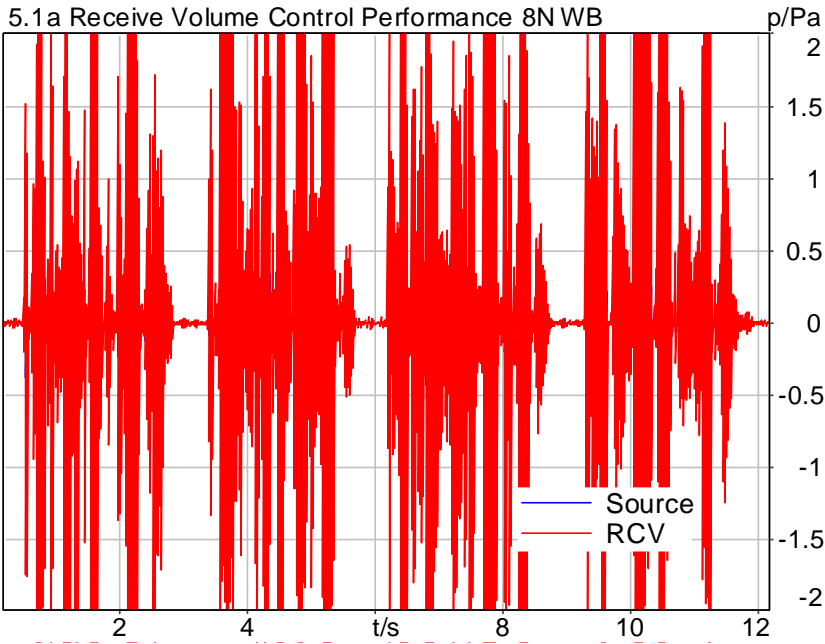
Delay (Cross): 213.9 ms

2023/11/2 上午 01:09 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 90.29 dB[SPL], Act.: 59.69% Ok

Ok

2023/11/2 上午 01:10 ACQUA 5.1.200

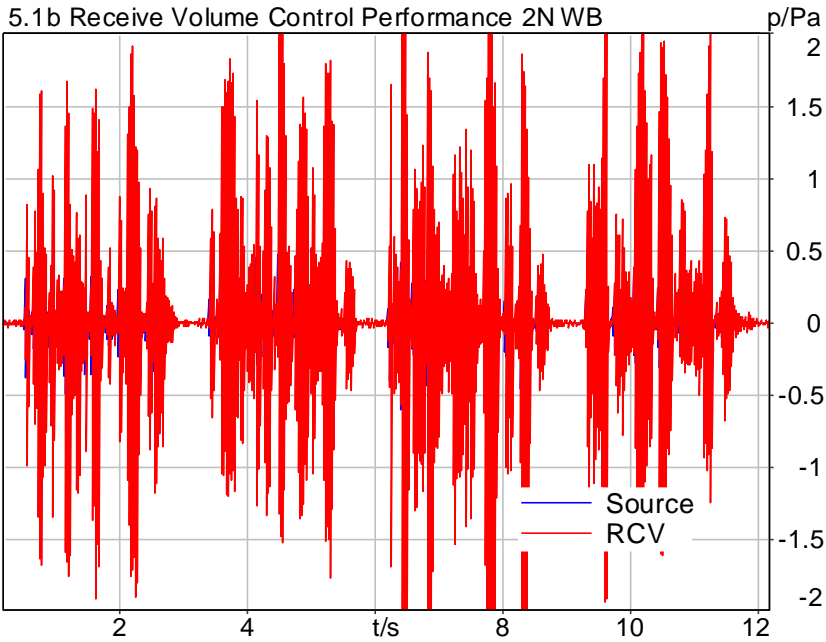
**Limits**

	<b>lower</b>
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 88.19 dB[SPL], Act.: 26.73% Ok

Ok

2023/11/2 上午 01:20 ACQUA 5.1.200

Limits

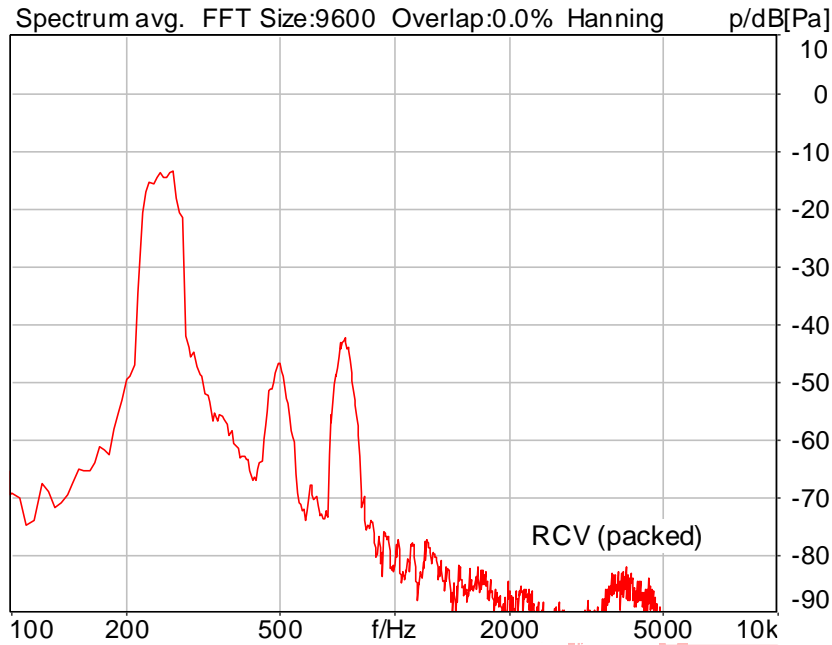
	lower
Run 1	76.00 dB20uPa





### 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): 28.26 dB (3.86%) Ok

Ok

2023/11/2 上午 01:10 ACQUA 5.1.200

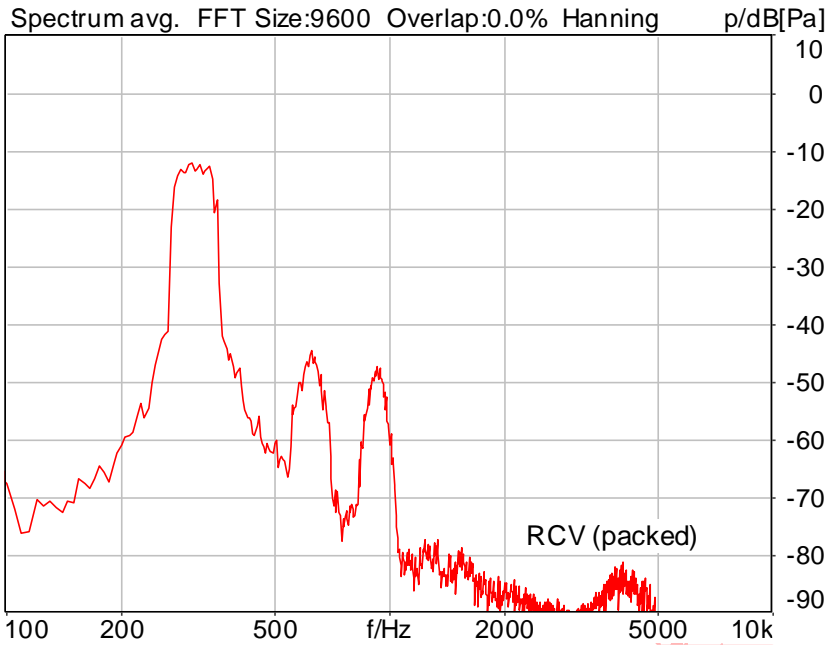
Limits

	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): 31.52 dB (2.65%) Ok

Ok

2023/11/2 上午 01:11 ACQUA 5.1.200

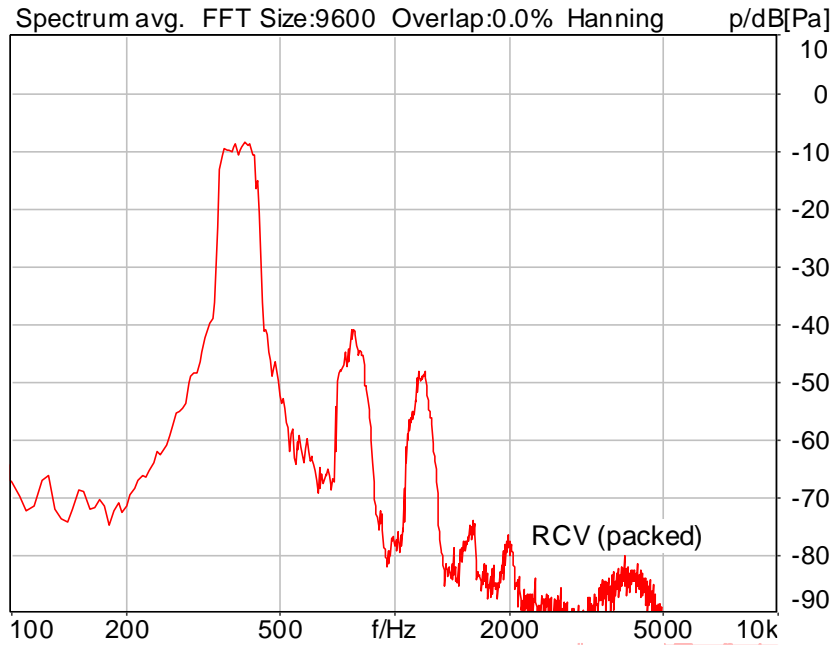
Limits

	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): 32.33 dB (2.42%) Ok

Ok

2023/11/2 上午 01:11 ACQUA 5.1.200

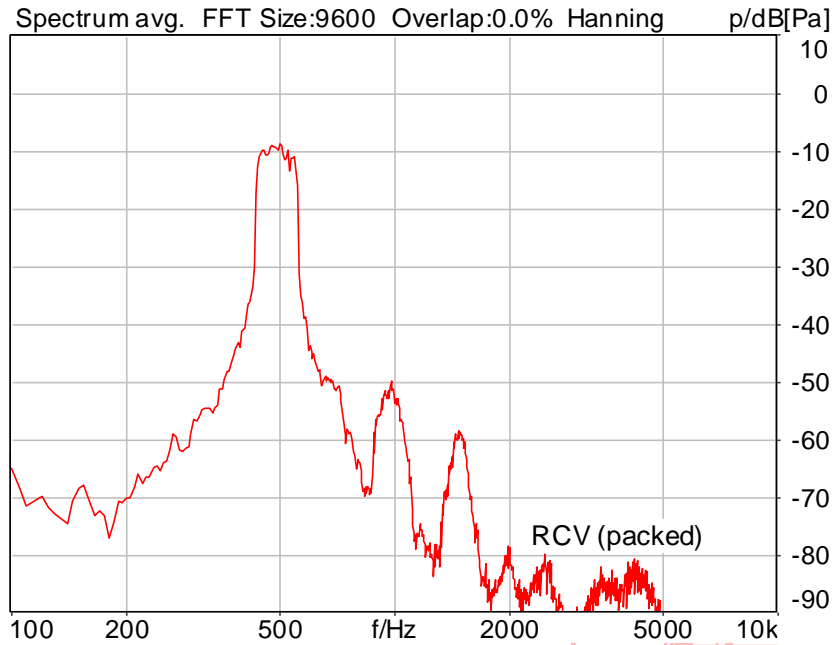
Limits

	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): 35.75 dB (1.63%) Ok

Ok

2023/11/2 上午 01:12 ACQUA 5.1.200

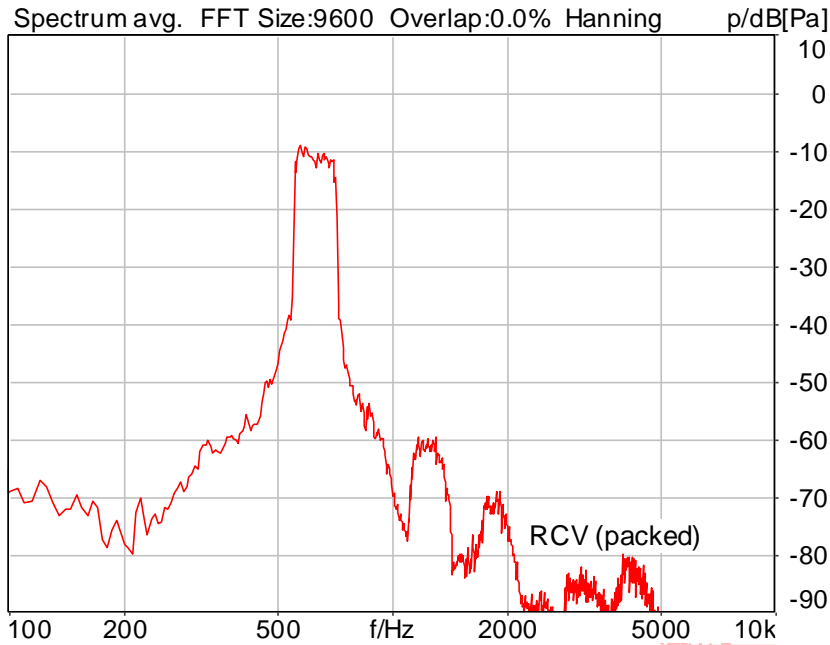
Limits

	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): 38.51 dB (1.19%) Ok

Ok

2023/11/2 上午 01:12 ACQUA 5.1.200

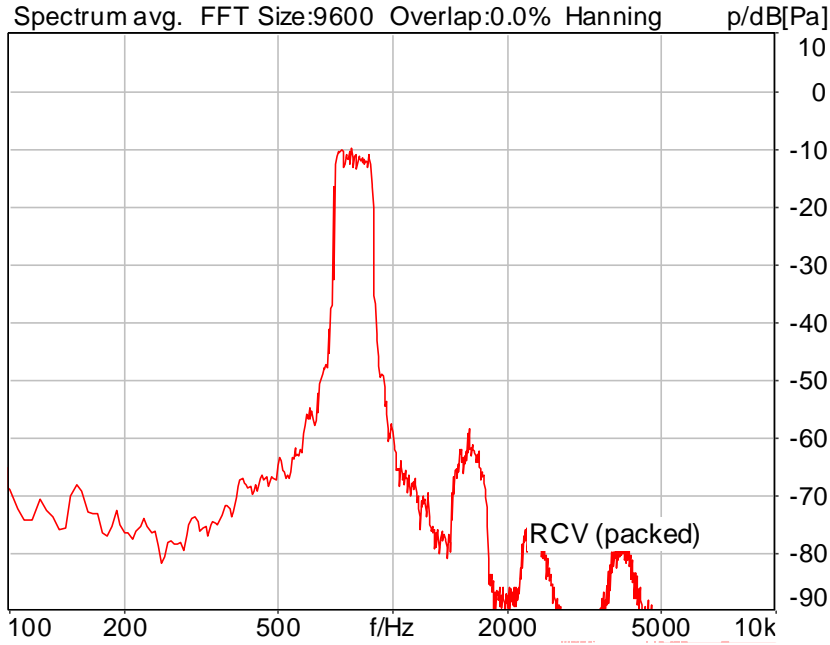
Limits

	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): 41.06 dB (0.89%) Ok

Ok

2023/11/2 上午 01:13 ACQUA 5.1.200

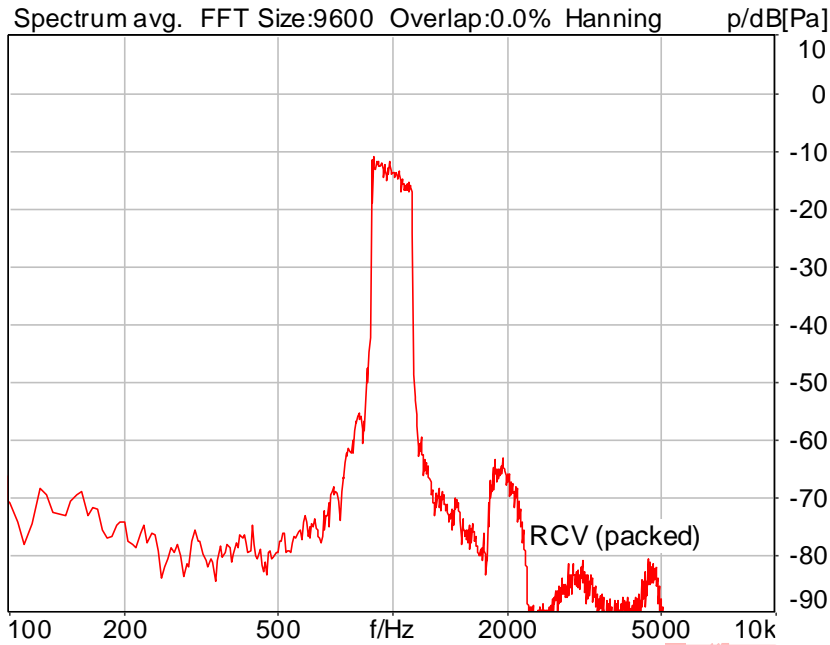
Limits

	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): 44.93 dB (0.57%) Ok

Ok

2023/11/2 上午 01:13 ACQUA 5.1.200

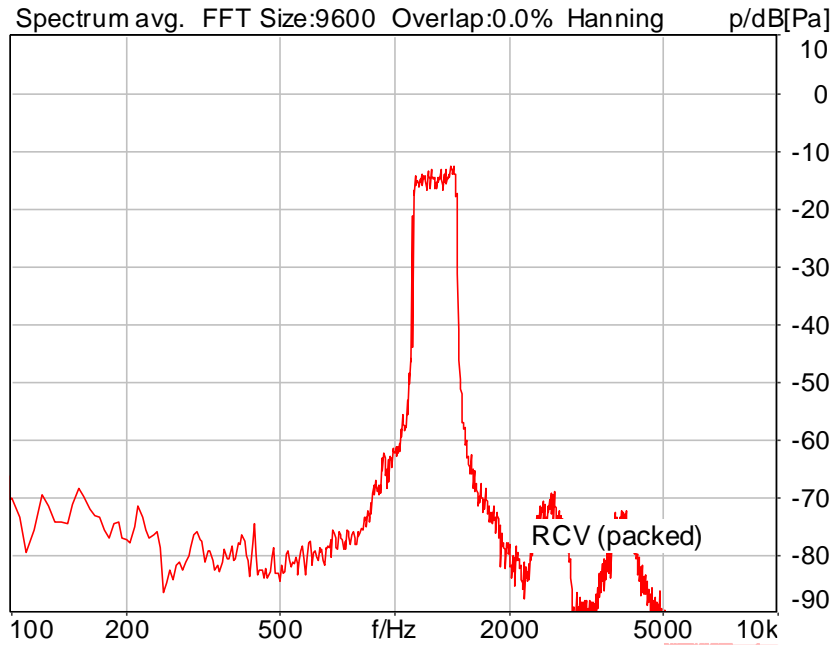
Limits

	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): 32.62 dB (2.34%) Ok

Ok

2023/11/2 上午 01:14 ACQUA 5.1.200

Limits

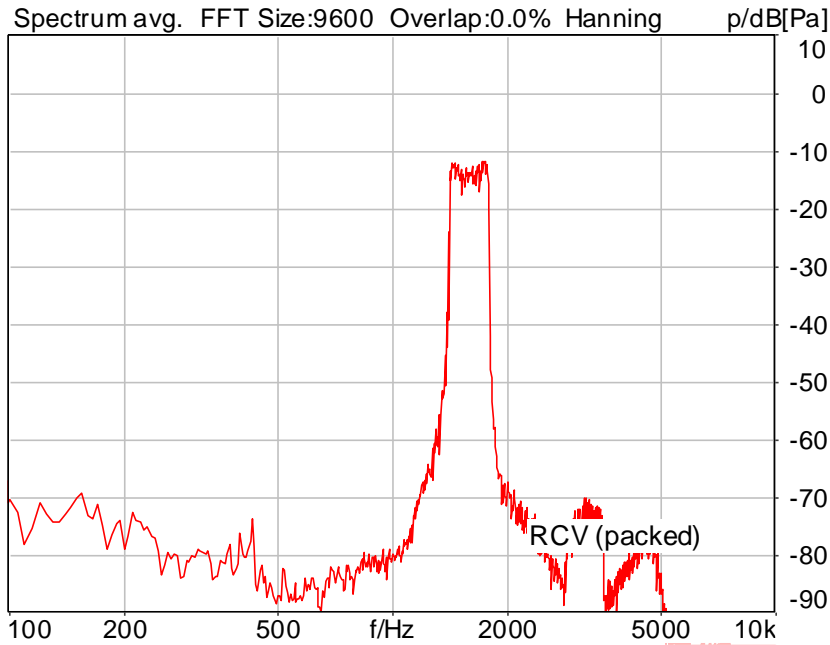
	lower
Run 1	20.00 dB





### 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): 44.58 dB (0.59%) Ok

Ok

2023/11/2 上午 01:14 ACQUA 5.1.200

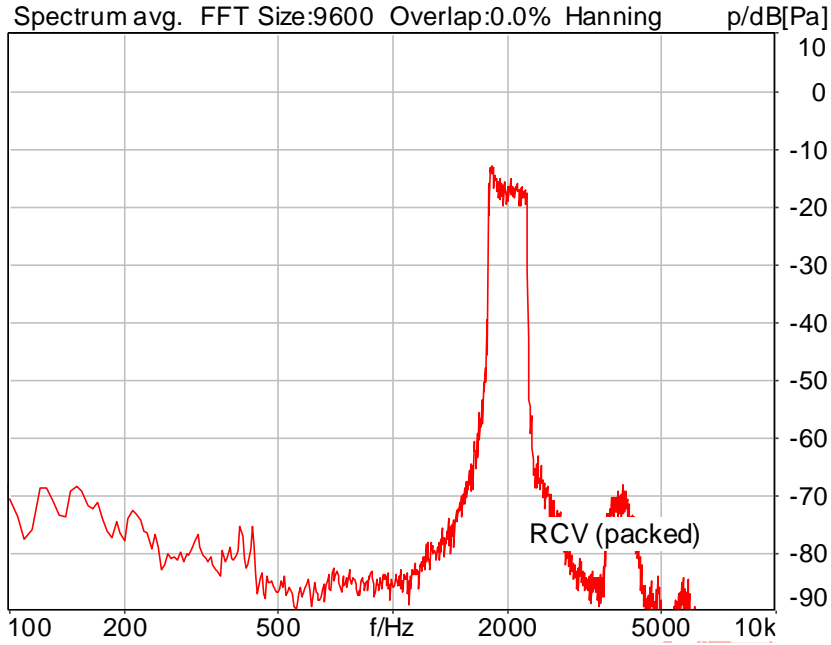
Limits

	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): 42.09 dB (0.79%) Ok

Ok

2023/11/2 上午 01:15 ACQUA 5.1.200

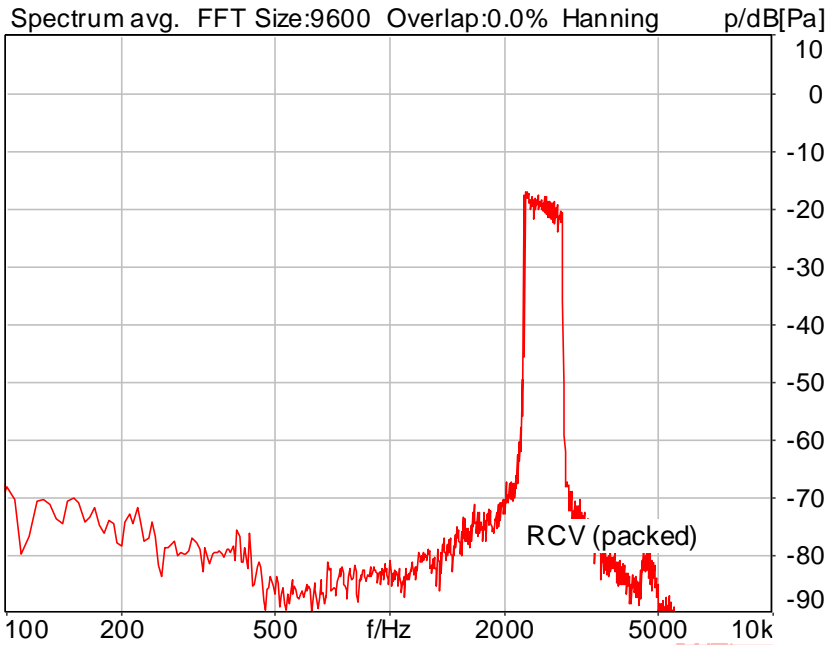
Limits

	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): 45.84 dB (0.51%) Ok

Ok

2023/11/2 上午 01:15 ACQUA 5.1.200

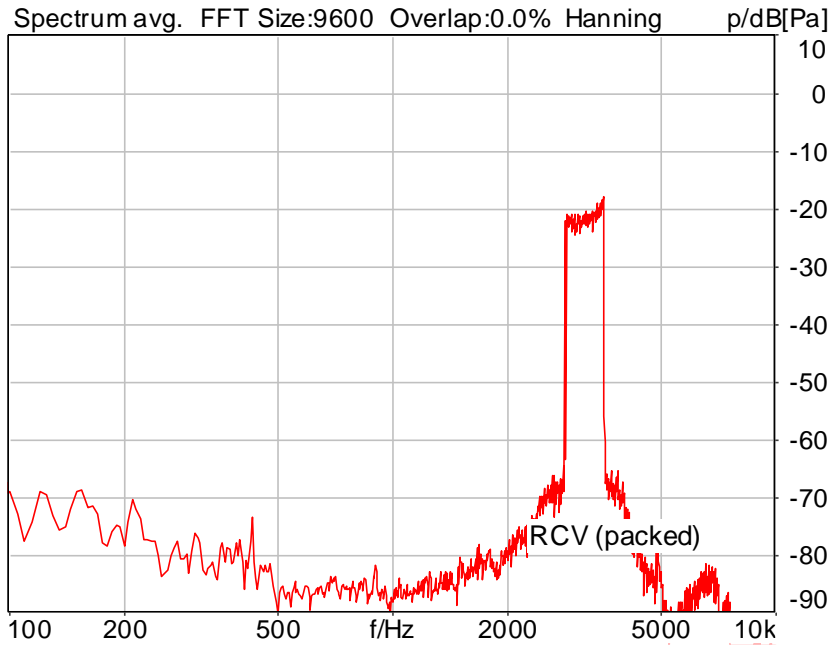
Limits

	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): 44.57 dB (0.59%) Ok

Ok

2023/11/2 上午 01:16 ACQUA 5.1.200

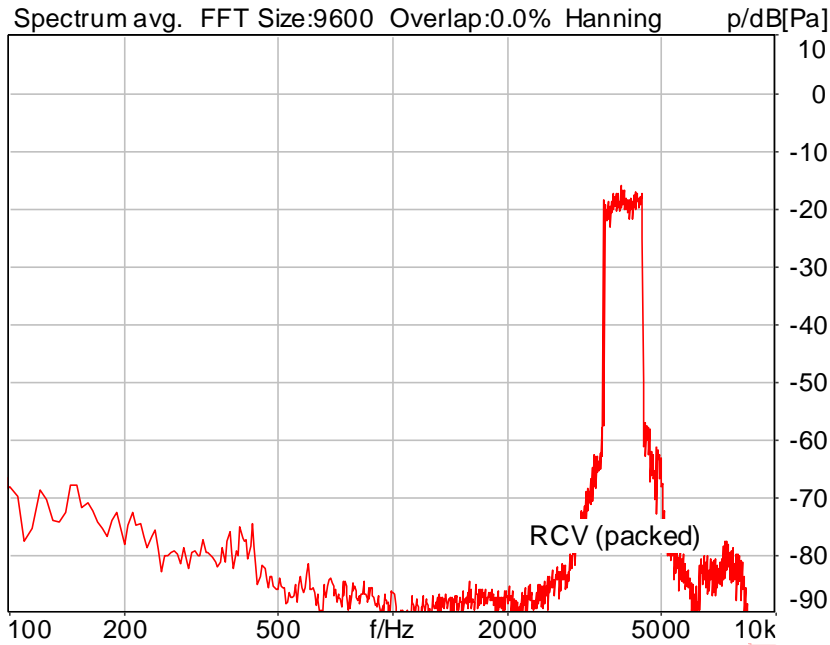
Limits

	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): 43.28 dB (0.69%) Ok

Ok

2023/11/2 上午 01:16 ACQUA 5.1.200

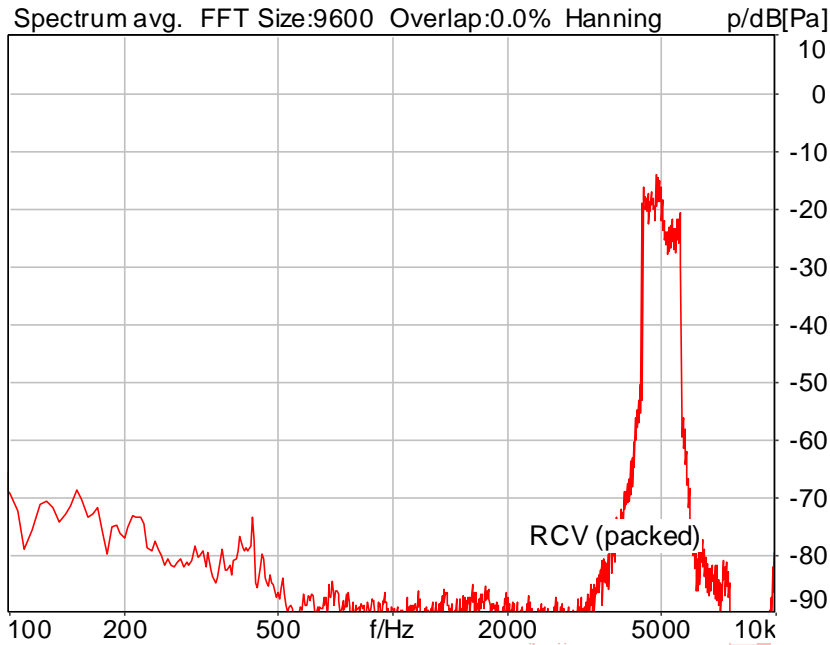
Limits

	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): 40.82 dB (0.91%) Ok

Ok

2023/11/2 上午 01:17 ACQUA 5.1.200

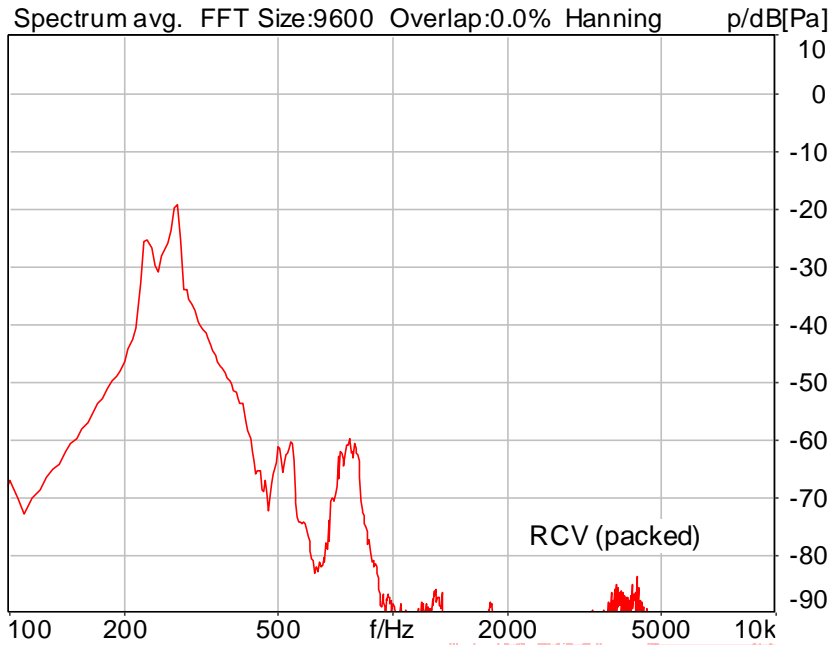
Limits

	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): 25.37 dB (5.39%) Ok

Ok

2023/11/2 上午 01:21 ACQUA 5.1.200

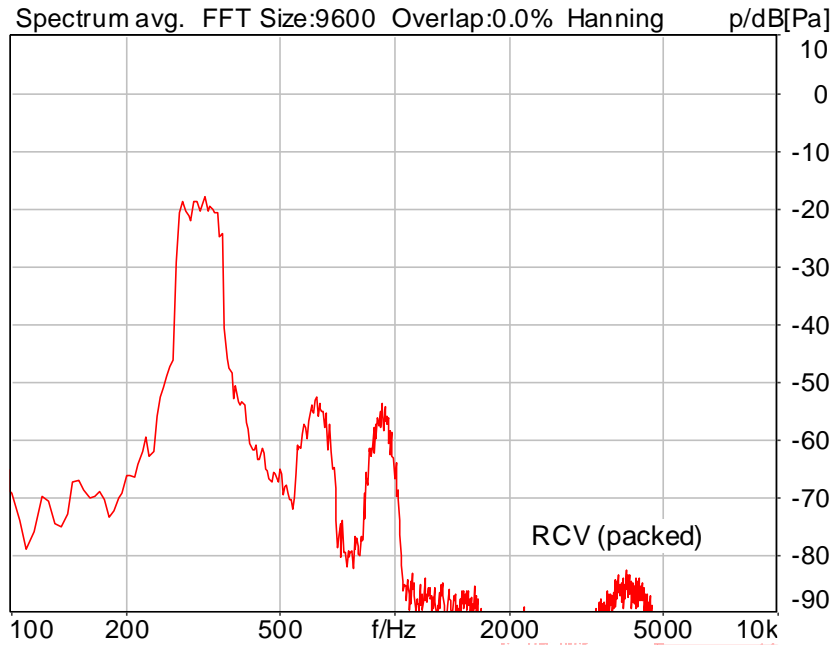
Limits

	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): 32.21 dB (2.45%) Ok

Ok

2023/11/2 上午 01:21 ACQUA 5.1.200

Limits

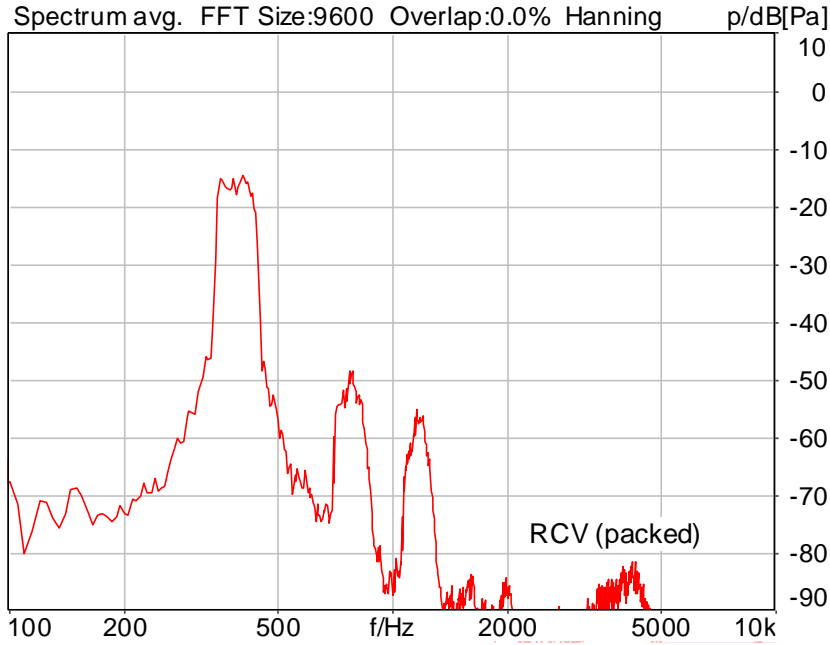
	lower
Run 1	20.00 dB





### 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): 33.27 dB (2.17%) Ok

Ok

2023/11/2 上午 01:22 ACQUA 5.1.200

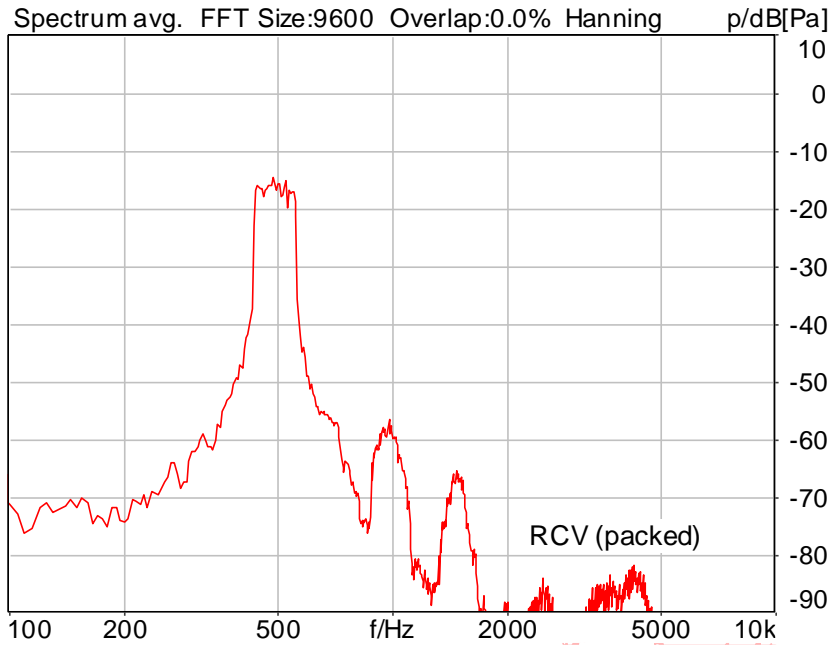
Limits

	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): 35.73 dB (1.63%) Ok

Ok

2023/11/2 上午 01:22 ACQUA 5.1.200

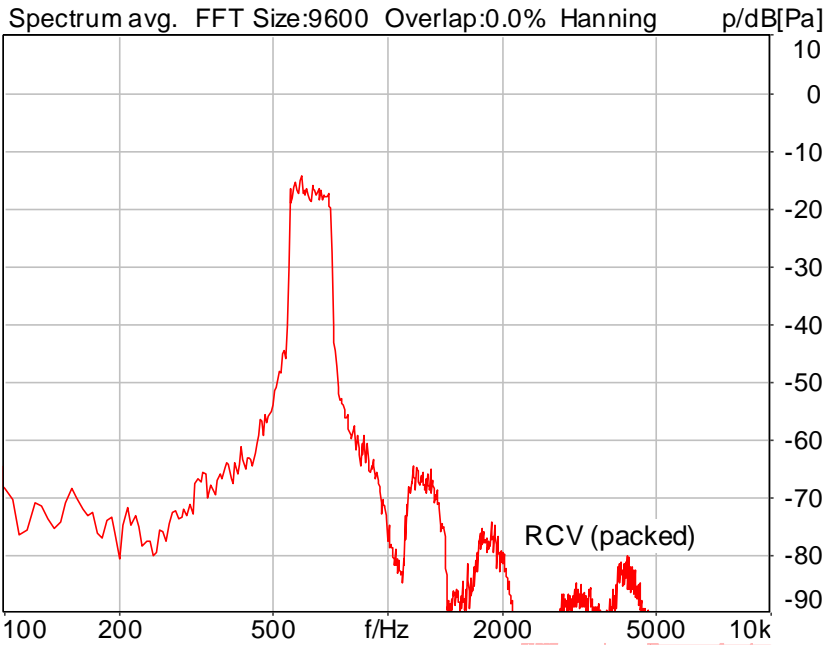
Limits

	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): 38.64 dB (1.17%) Ok

Ok

2023/11/2 上午 01:23 ACQUA 5.1.200

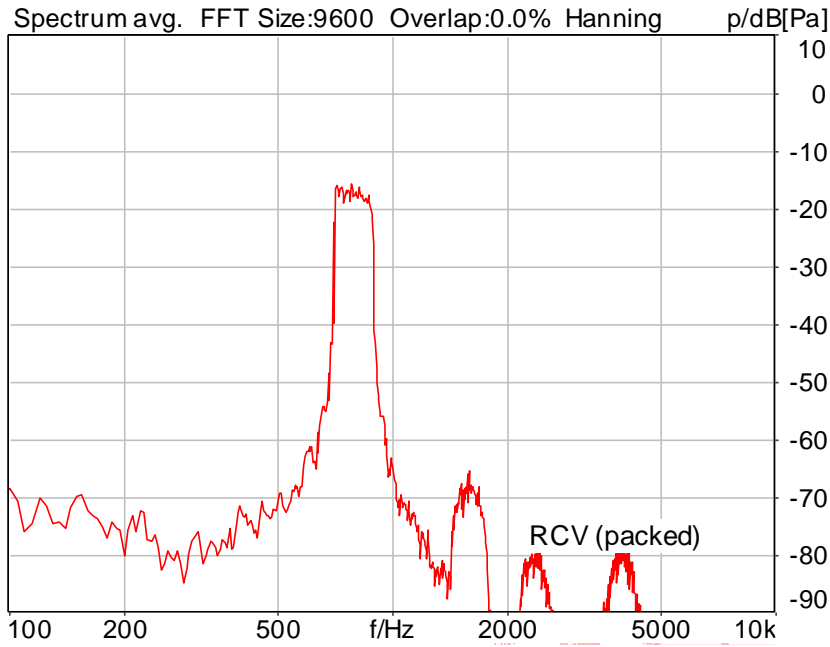
Limits

	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): 41.34 dB (0.86%) Ok

Ok

2023/11/2 上午 01:23 ACQUA 5.1.200

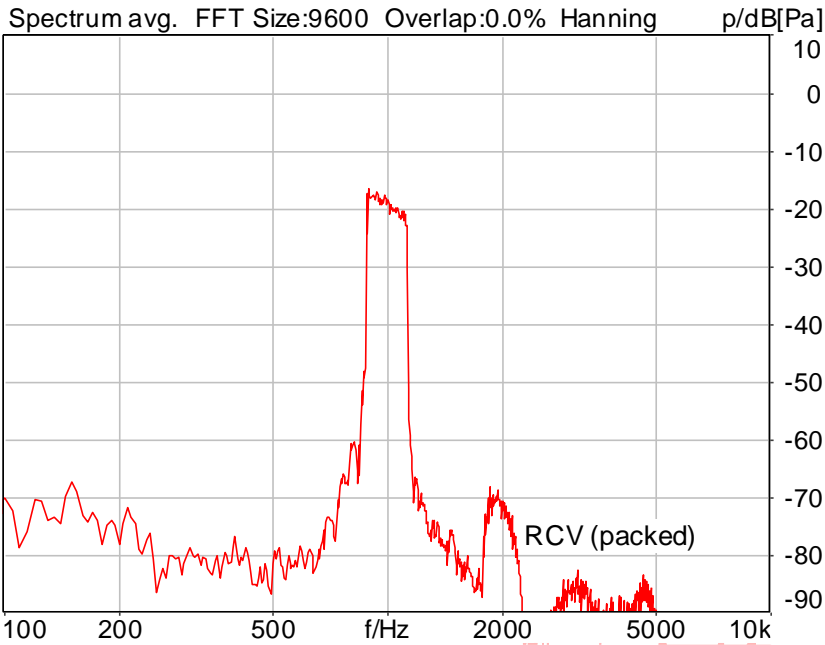
Limits

	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): 44.76 dB (0.58%) Ok

Ok

2023/11/2 上午 01:24 ACQUA 5.1.200

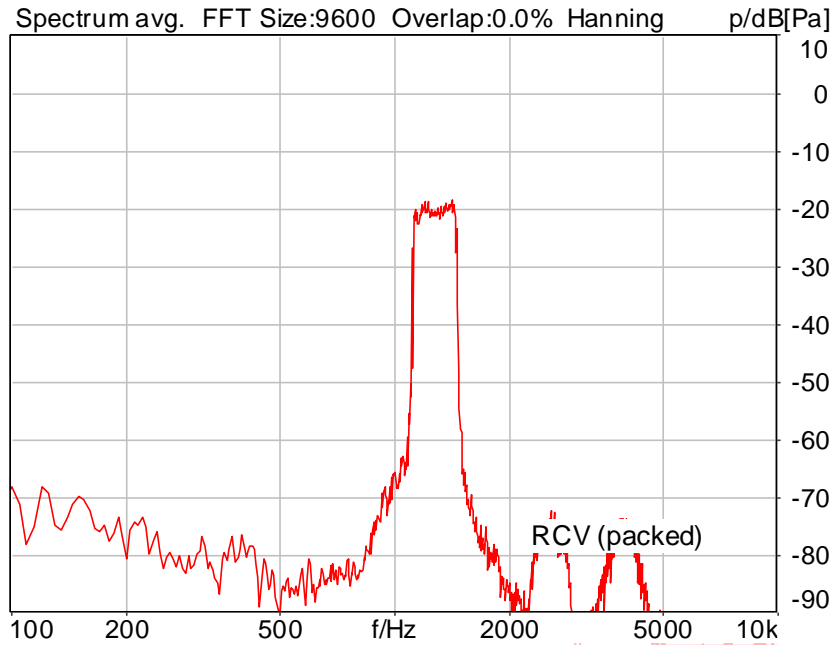
Limits

	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): 32.57 dB (2.35%) Ok

Ok

2023/11/2 上午 01:24 ACQUA 5.1.200

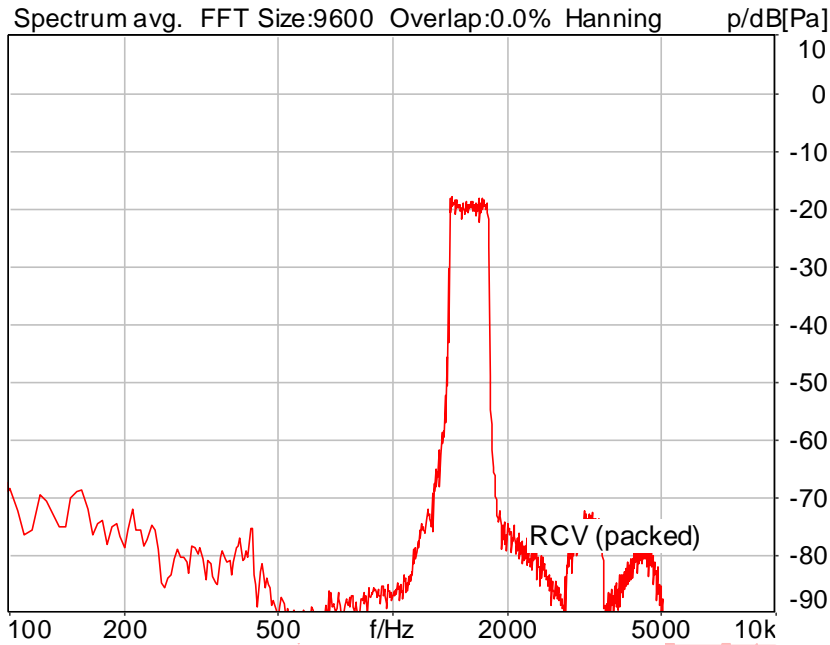
Limits

	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



Ok

2023/11/2 上午 01:25 ACQUA 5.1.200

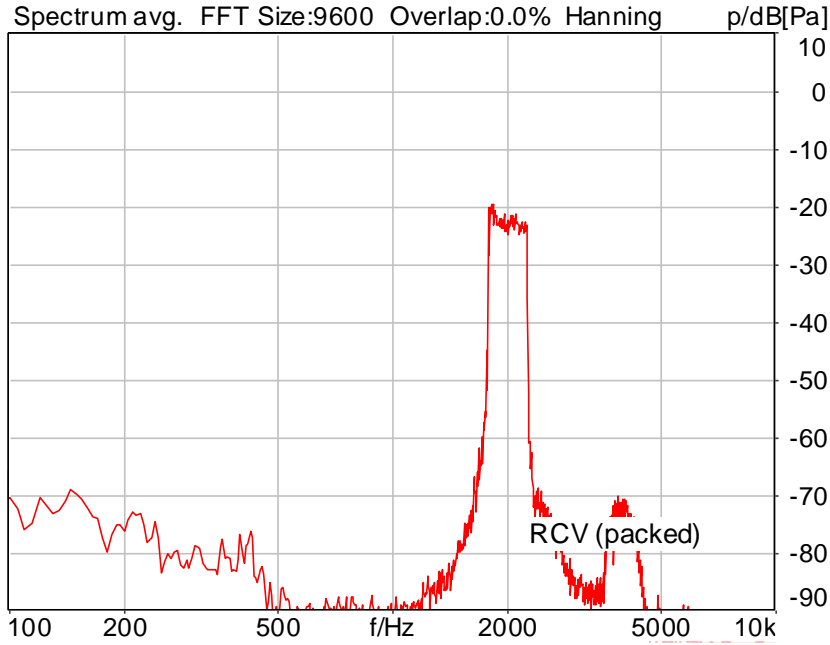
Limits

	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): 41.61 dB (0.83%) Ok

Ok

2023/11/2 上午 01:25 ACQUA 5.1.200

Limits

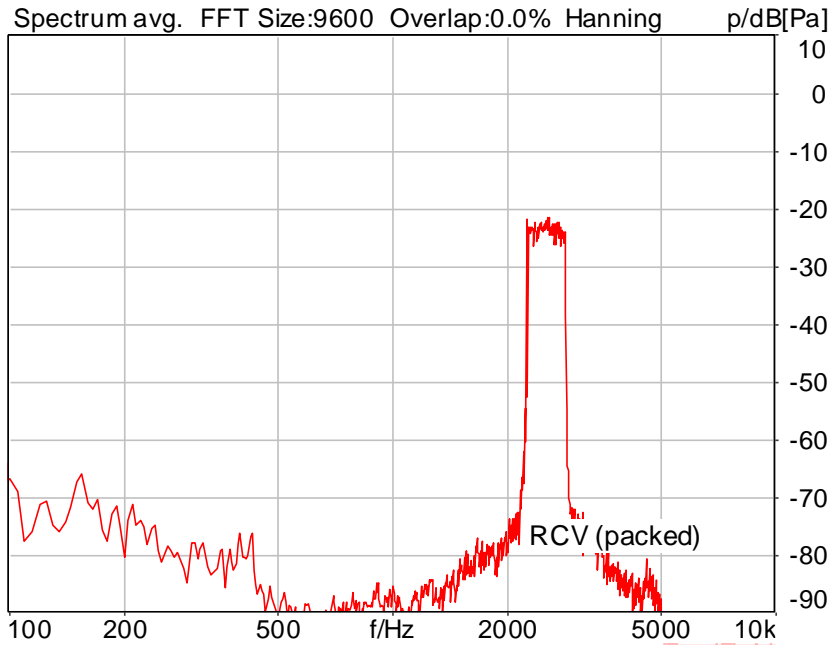
	lower
Run 1	20.00 dB





### 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): 46.04 dB (0.50%) Ok

Ok

2023/11/2 上午 01:26 ACQUA 5.1.200

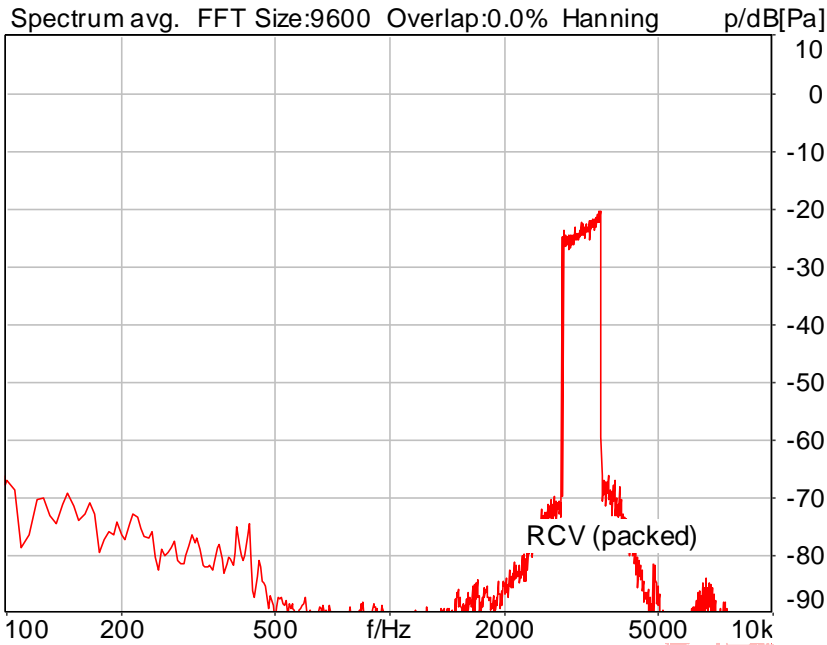
Limits

	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): 44.77 dB (0.58%) Ok

Ok

2023/11/2 上午 01:26 ACQUA 5.1.200

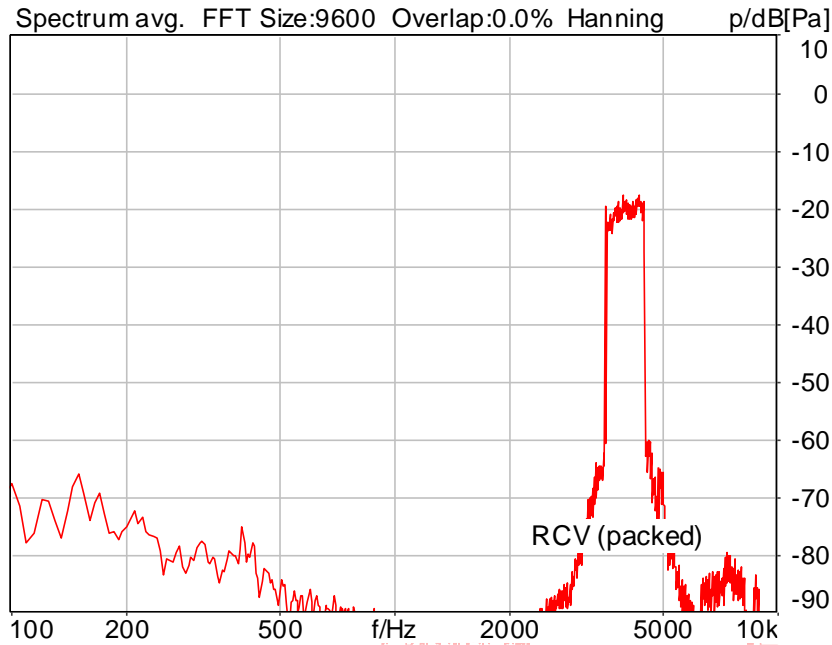
Limits

	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): 44.85 dB (0.57%) Ok

Ok

2023/11/2 上午 01:27 ACQUA 5.1.200

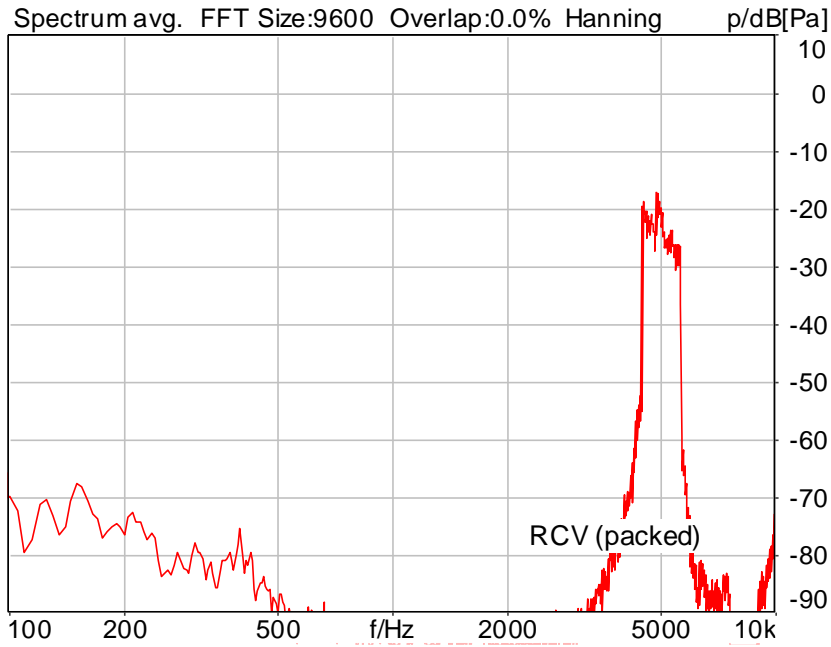
Limits

	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): 39.80 dB (1.02%) Ok

Ok

2023/11/2 上午 01:27 ACQUA 5.1.200

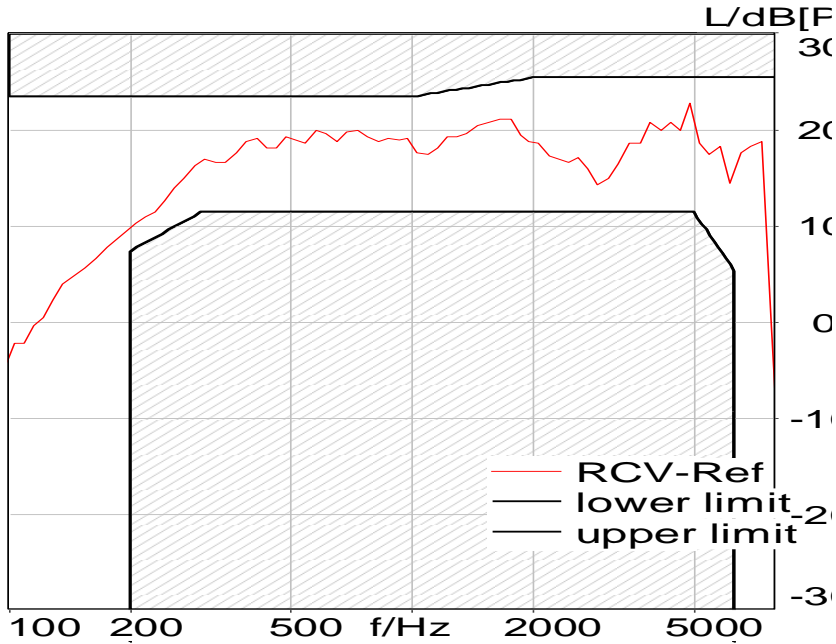
Limits

	lower
Run 1	20.00 dB



### 5.3 Frequency Response 8N FF

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



Absolute minimal distance  
2.67 dB at 205.7 Hz Ok

Ok

2023/11/2 上午 01:17 ACQUA 5.1.200

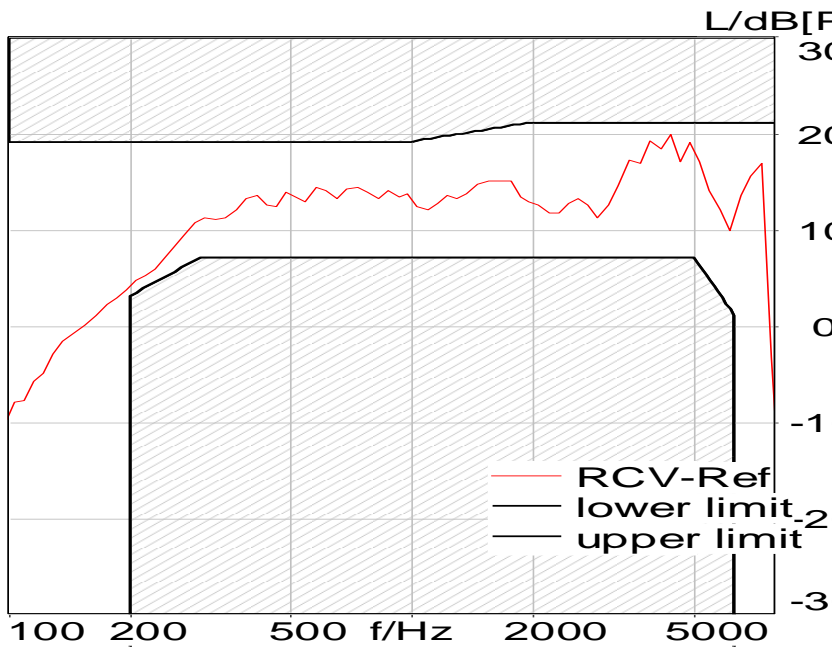
**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



### 5.3 Frequency Response 2N FF

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



Absolute minimal distance  
1.28 dB at 4369.4 Hz Ok

Ok

2023/11/2 上午 01:28 ACQUA 5.1.200

**Limits**

lower	
Run 1	Fit into tolerance



**#20 WiFi 6GHz EVS NB 24.4Kbps**

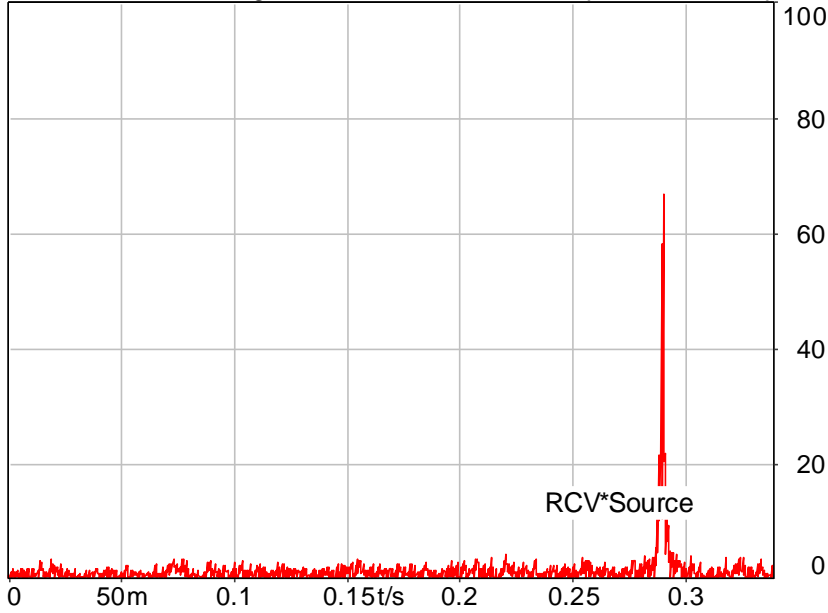
SMD	Status	Single Value Description	Single Value
Overall Receive Delay NB	Done	Delay (Cross) [ms]	290.0
5.1a Receive Volume Control Performance 8N NB	Ok	Speech Level [dB[SPL]]	90.19
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	88.50
5.2 RCV Distortion and Noise - 400 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	32.58
5.2 RCV Distortion and Noise - 500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	35.81
5.2 RCV Distortion and Noise - 630 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	35.92
5.2 RCV Distortion and Noise - 800 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	37.56
5.2 RCV Distortion and Noise - 1000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	36.17
5.2 RCV Distortion and Noise - 1250 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	27.52
5.2 RCV Distortion and Noise - 1600 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	41.30
5.2 RCV Distortion and Noise - 2000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	33.00
5.2 RCV Distortion and Noise - 2500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	35.71
5.2 RCV Distortion and Noise - 3150 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	36.26
5.2 RCV Distortion and Noise - 400 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	32.52
5.2 RCV Distortion and Noise - 500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	35.03
5.2 RCV Distortion and Noise - 630 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	35.01
5.2 RCV Distortion and Noise - 800 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	36.32
5.2 RCV Distortion and Noise - 1000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	34.28
5.2 RCV Distortion and Noise - 1250 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	26.40
5.2 RCV Distortion and Noise - 1600 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	35.73
5.2 RCV Distortion and Noise - 2000 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	35.21
5.2 RCV Distortion and Noise - 2500 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	39.11
5.2 RCV Distortion and Noise - 3150 Hz NB	Ok	Distortion (Noise) [dB], 0.0 dB	39.26
5.3 Frequency Response 8N FF HANB	Ok	Min. dist. to tolerance scheme [dB], 1447.5 Hz	0.89
5.3 Frequency Response 2N FF HANB	Ok	Min. dist. to tolerance scheme [dB], 1447.5 Hz	2.47



### Overall Receive Delay NB

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

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



Delay (Cross): 290.0 ms

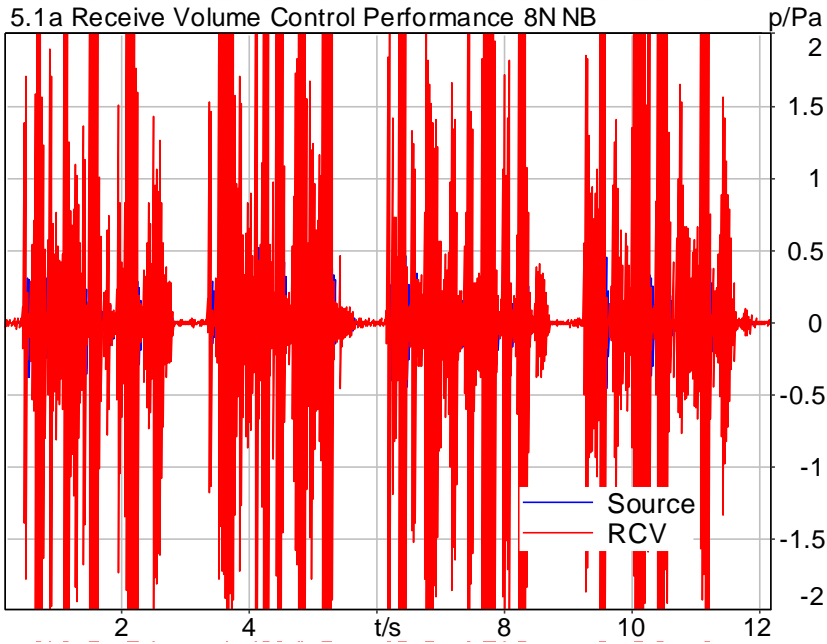
2023/11/2 上午 02:02 ACQUA 5.1.200





### 5.1a Receive Volume Control Performance 8N NB

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



Speech Level RCV: 90.19 dB[SPL], Act.: 56.44% Ok

Ok

2023/11/2 上午 02:03 ACQUA 5.1.200

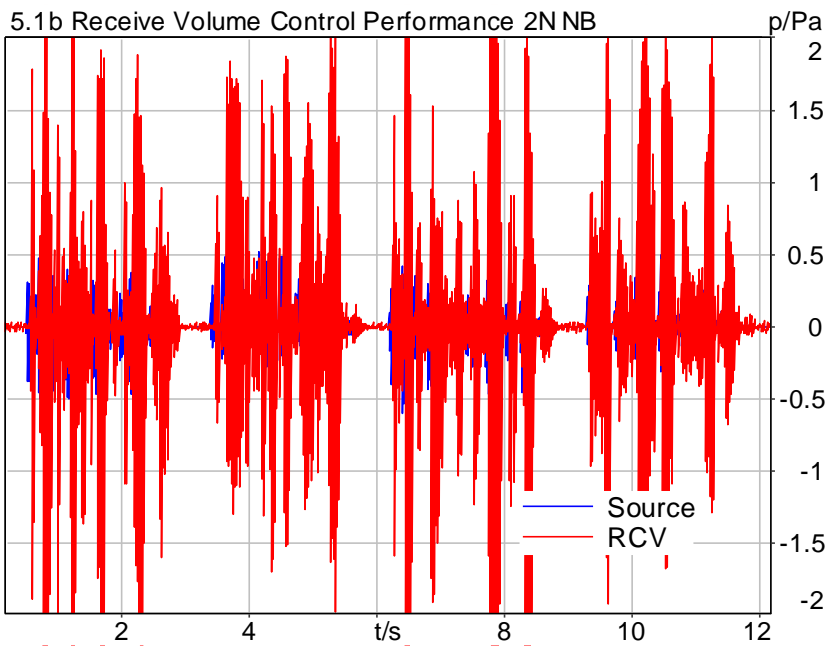
**Limits**

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N NB

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



Speech Level RCV: 88.50 dB[SPL], Act.: 28.40% Ok

Ok

2023/11/2 上午 02:12 ACQUA 5.1.200

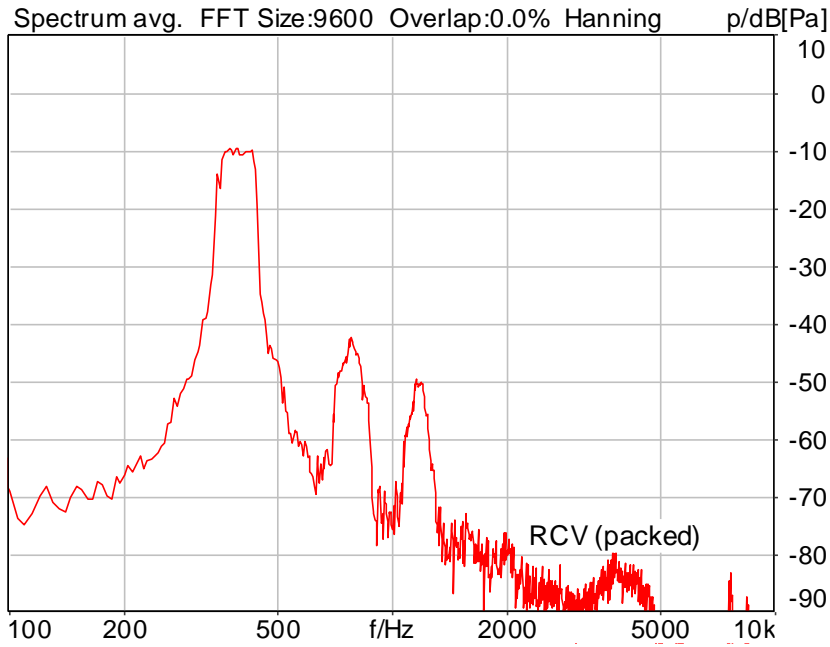
**Limits**

	<b>lower</b>
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): 32.58 dB (2.35%) Ok

Ok

2023/11/2 上午 02:03 ACQUA 5.1.200

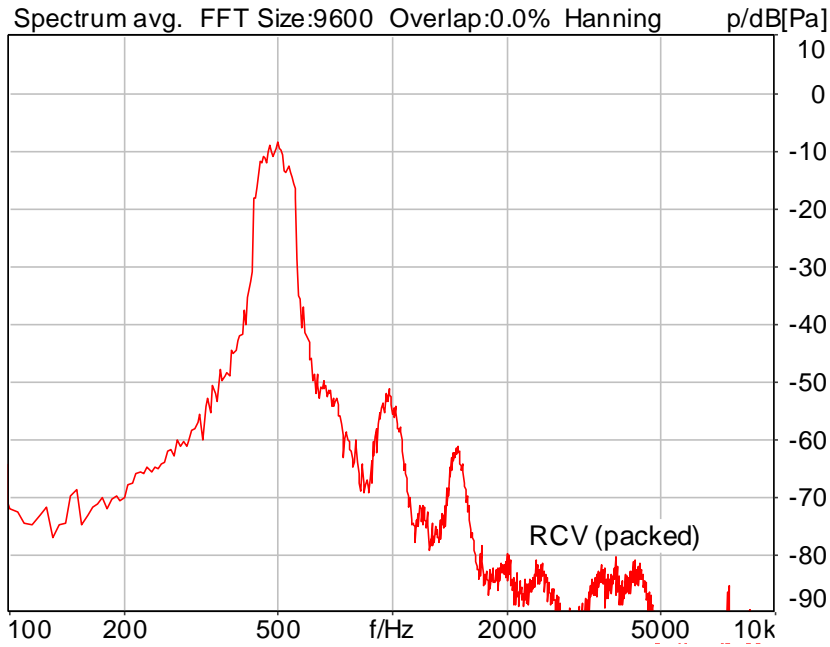
Limits

	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): 35.81 dB (1.62%) Ok

Ok

2023/11/2 上午 02:04 ACQUA 5.1.200

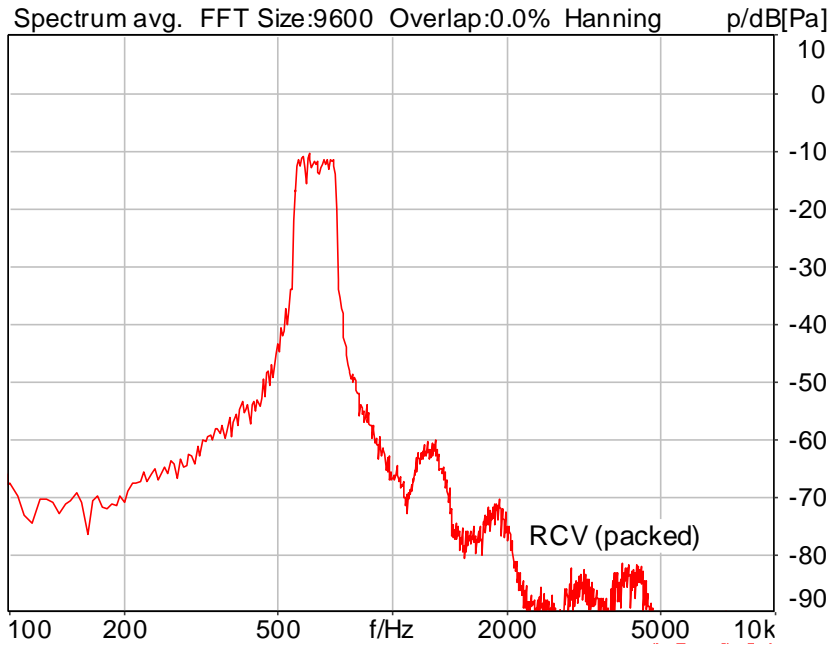
Limits

	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): 35.92 dB (1.60%) Ok

Ok

2023/11/2 上午 02:04 ACQUA 5.1.200

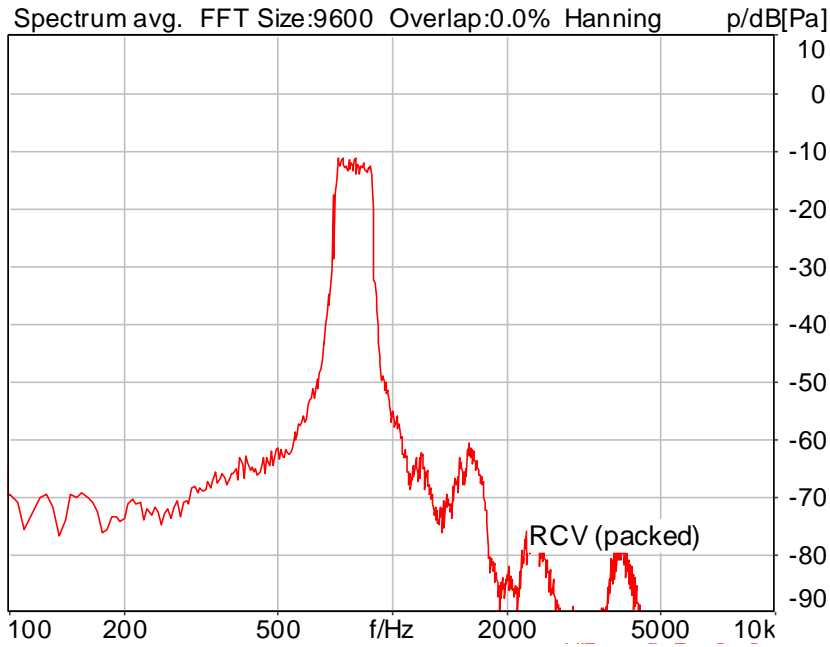
Limits

	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): 37.56 dB (1.32%) Ok

Ok

2023/11/2 上午 02:05 ACQUA 5.1.200

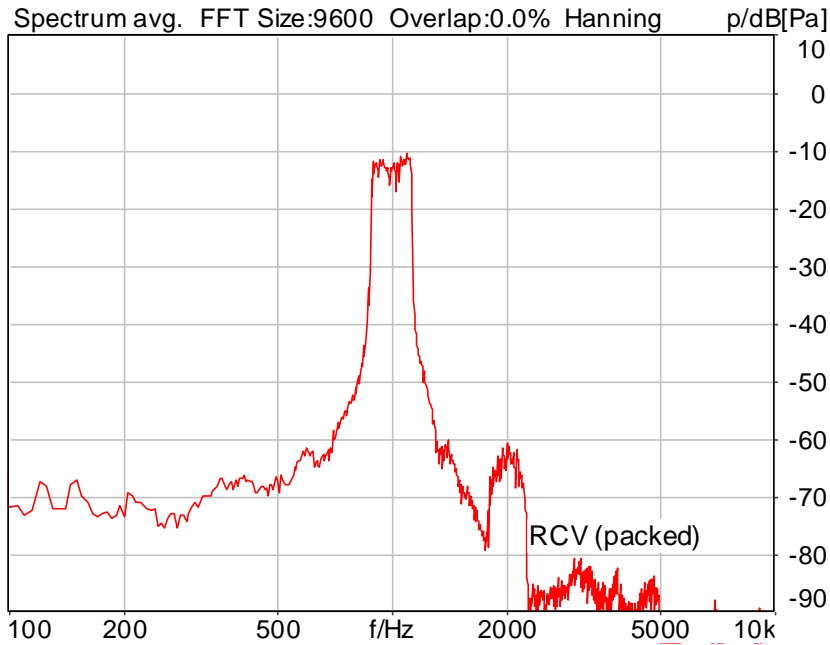
Limits

	lower
Run 1	20.00 dB



### 5.2 RCV Distortion and Noise - 1000 Hz NB

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



Distortion (Noise) RCV (packed): 36.17 dB (1.55%) Ok

Ok

2023/11/2 上午 02:05 ACQUA 5.1.200

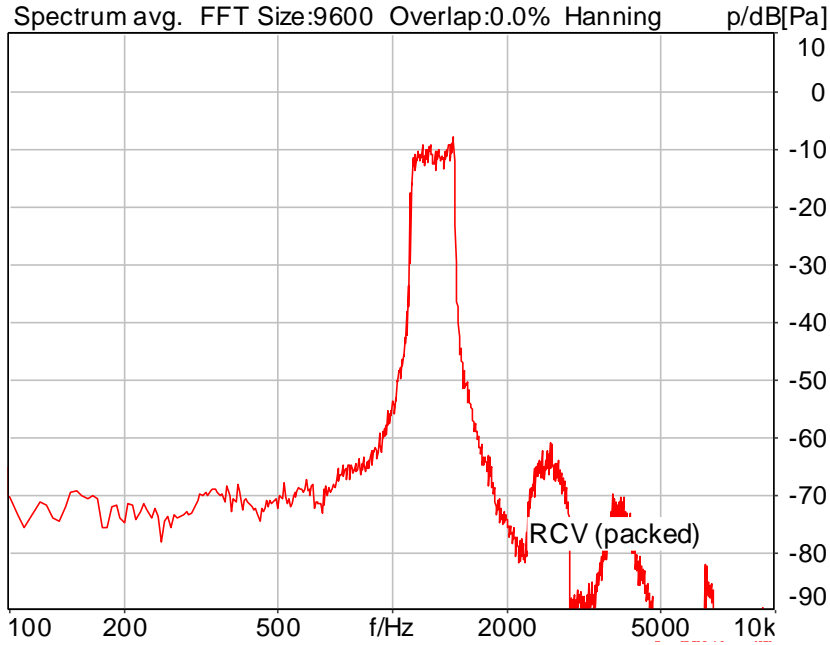
Limits

	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): 27.52 dB (4.21%) Ok

Ok

2023/11/2 上午 02:06 ACQUA 5.1.200

Limits

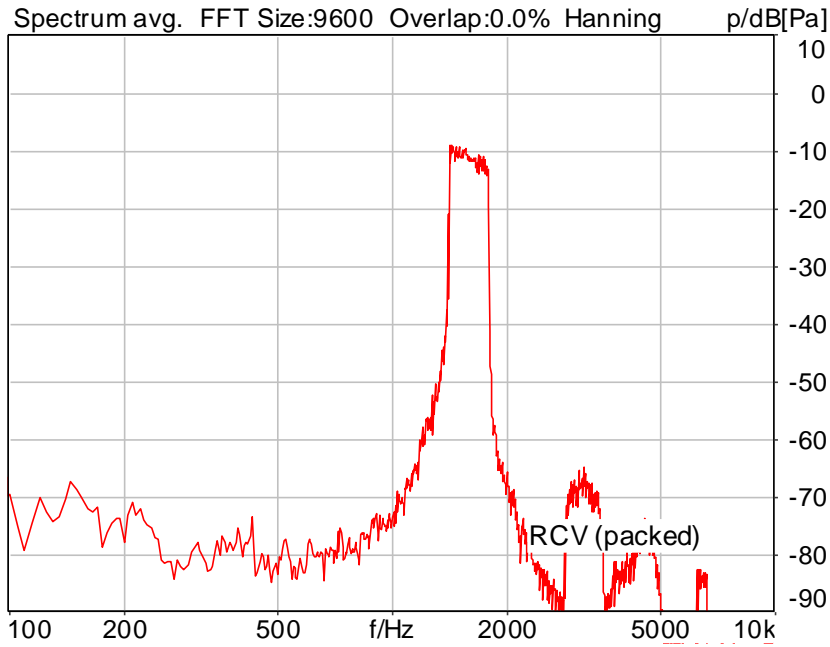
	lower
Run 1	20.00 dB





### 5.2 RCV Distortion and Noise - 1600 Hz NB

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



Distortion (Noise) RCV (packed): 41.30 dB (0.86%) Ok

Ok

2023/11/2 上午 02:06 ACQUA 5.1.200

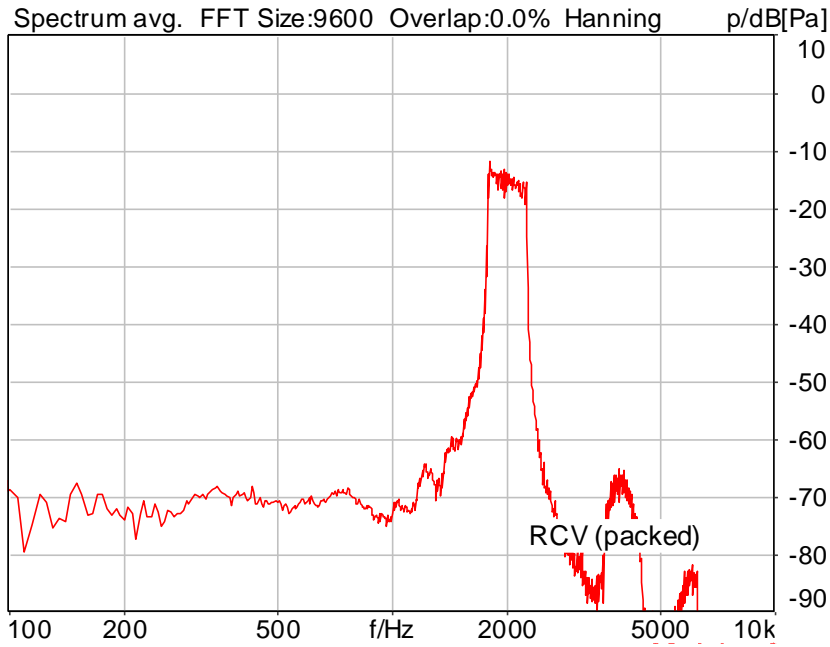
Limits

	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): 33.00 dB (2.24%) Ok

Ok

2023/11/2 上午 02:07 ACQUA 5.1.200

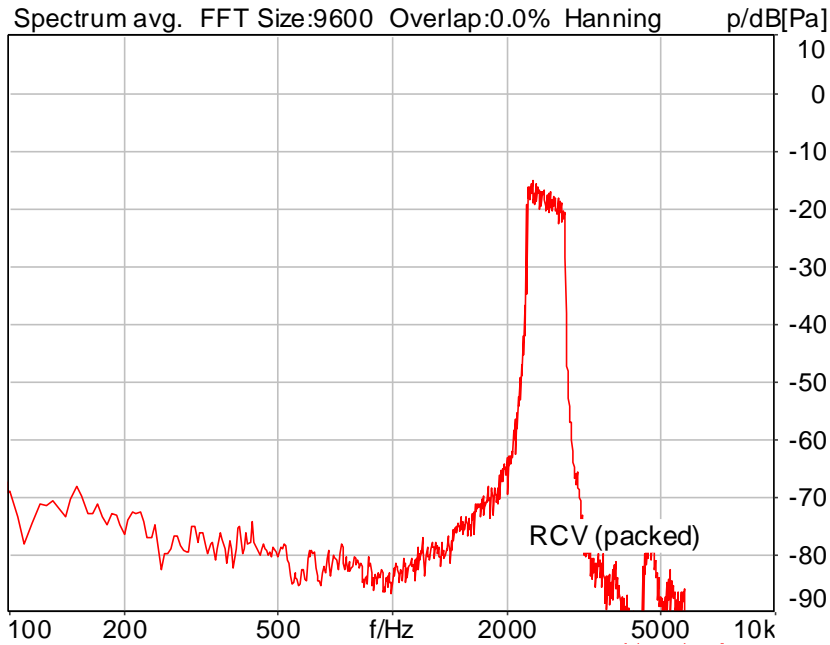
Limits

	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): 35.71 dB (1.64%) Ok

Ok

2023/11/2 上午 02:07 ACQUA 5.1.200

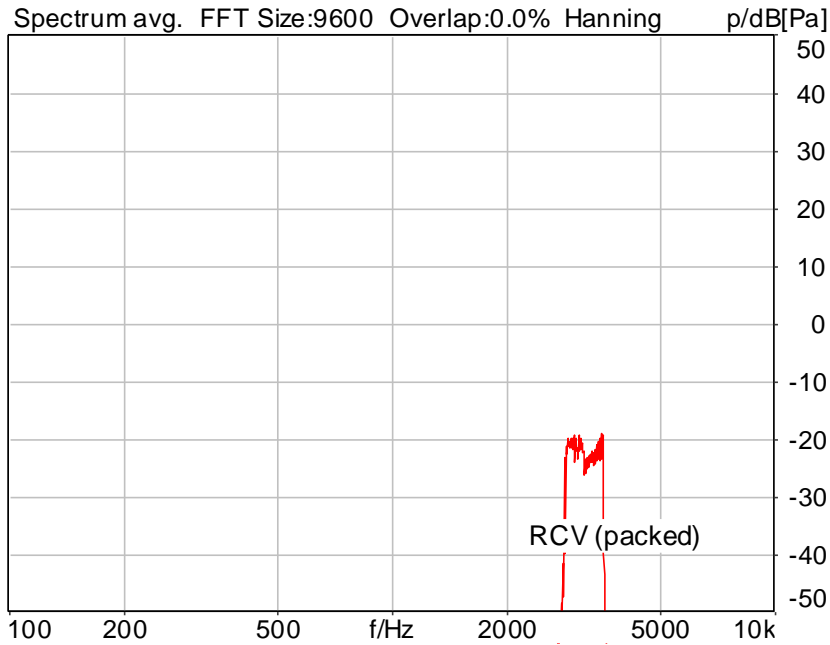
Limits

	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): 36.26 dB (1.54%) Ok

Ok

2023/11/2 上午 02:08 ACQUA 5.1.200

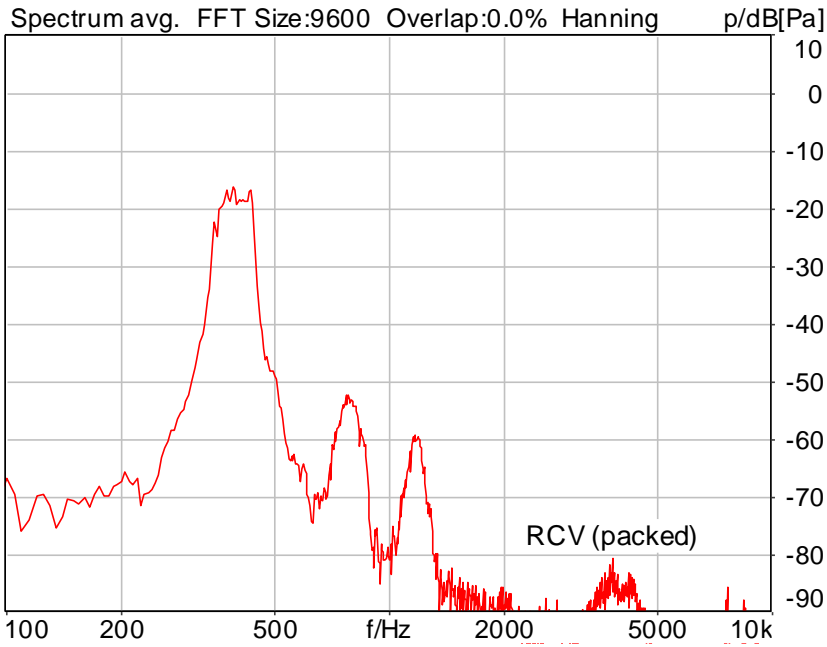
Limits

	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): 32.52 dB (2.37%) Ok

Ok

2023/11/2 上午 02:12 ACQUA 5.1.200

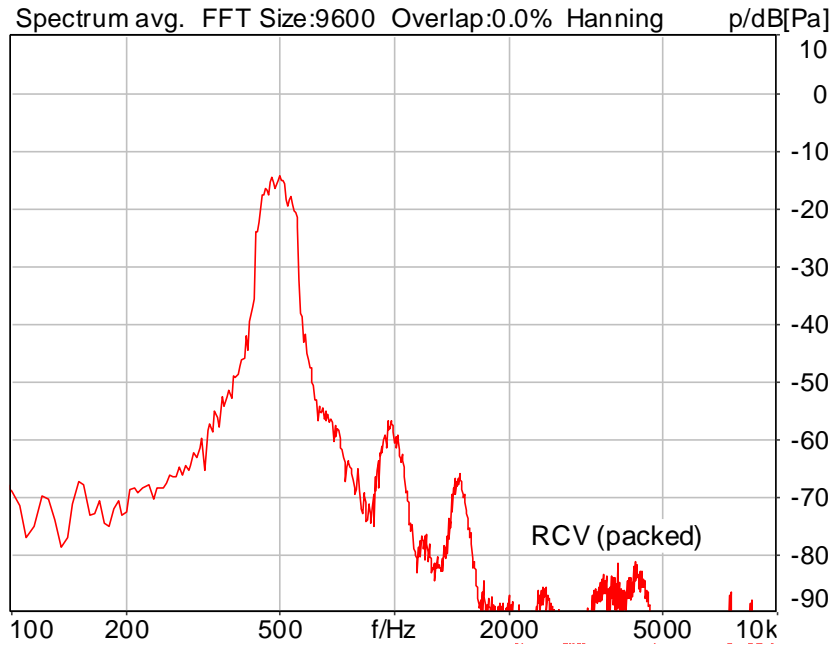
Limits

	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): 35.03 dB (1.77%) Ok

Ok

2023/11/2 上午 02:13 ACQUA 5.1.200

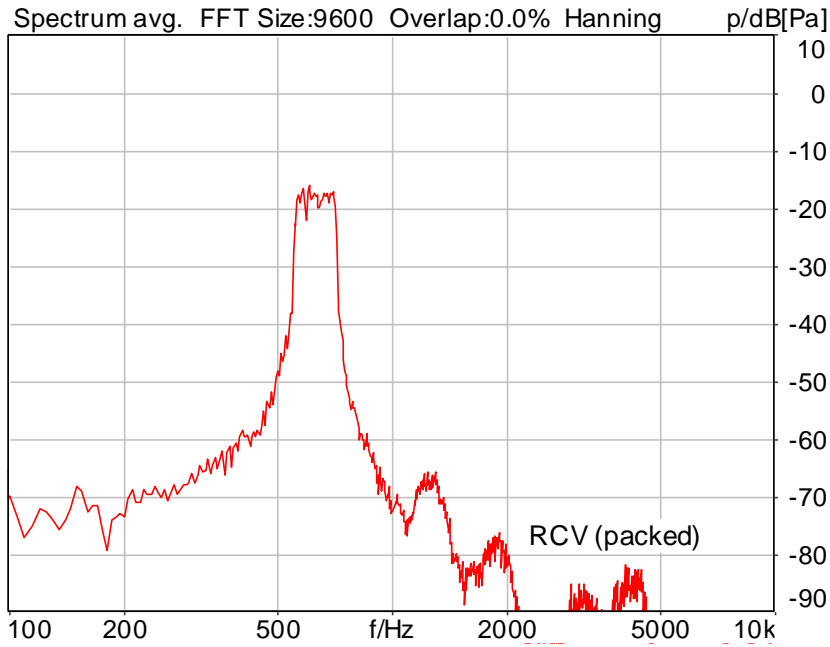
Limits

	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): 35.01 dB (1.78%) Ok

Ok

2023/11/2 上午 02:13 ACQUA 5.1.200

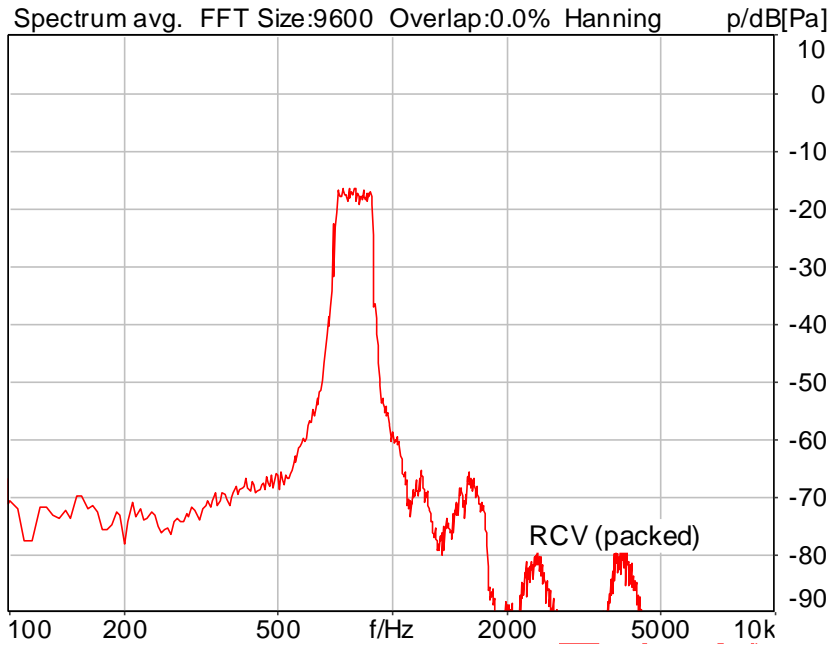
Limits

	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): 36.32 dB (1.53%) Ok

Ok

2023/11/2 上午 02:14 ACQUA 5.1.200

Limits

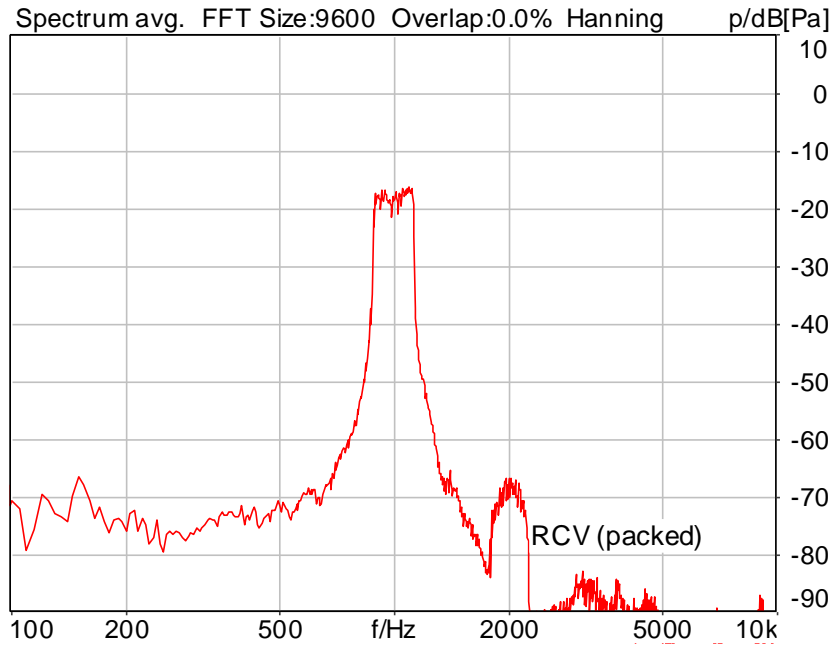
	lower
Run 1	20.00 dB





### 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): 34.28 dB (1.93%) Ok

Ok

2023/11/2 上午 02:14 ACQUA 5.1.200

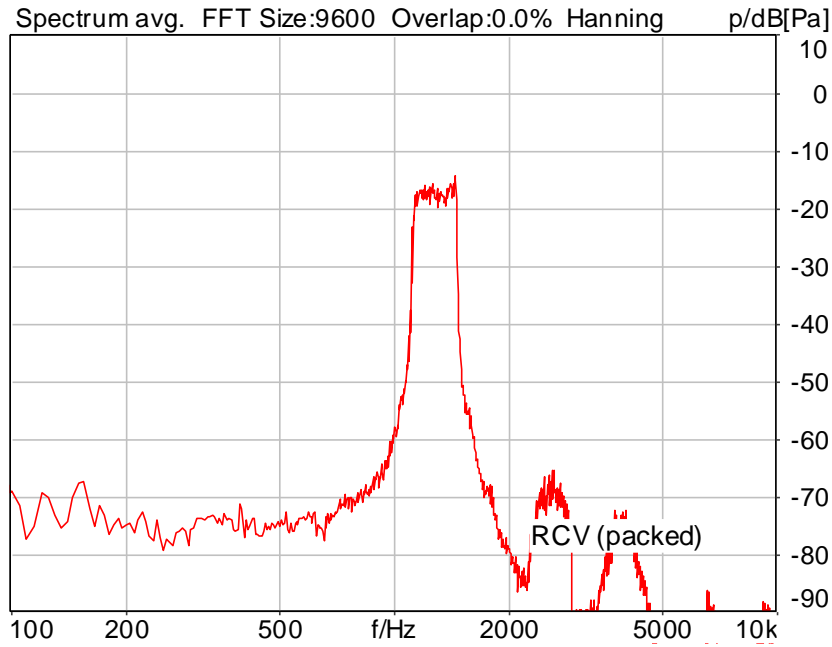
Limits

	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): 26.40 dB (4.79%) Ok

Ok

2023/11/2 上午 02:15 ACQUA 5.1.200

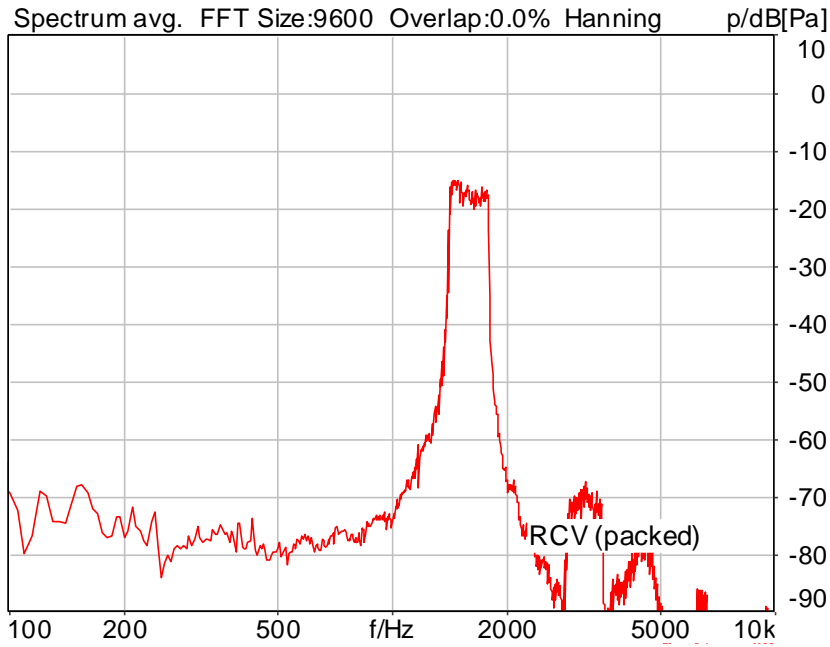
Limits

	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): 35.73 dB (1.63%) Ok

Ok

2023/11/2 上午 02:15 ACQUA 5.1.200

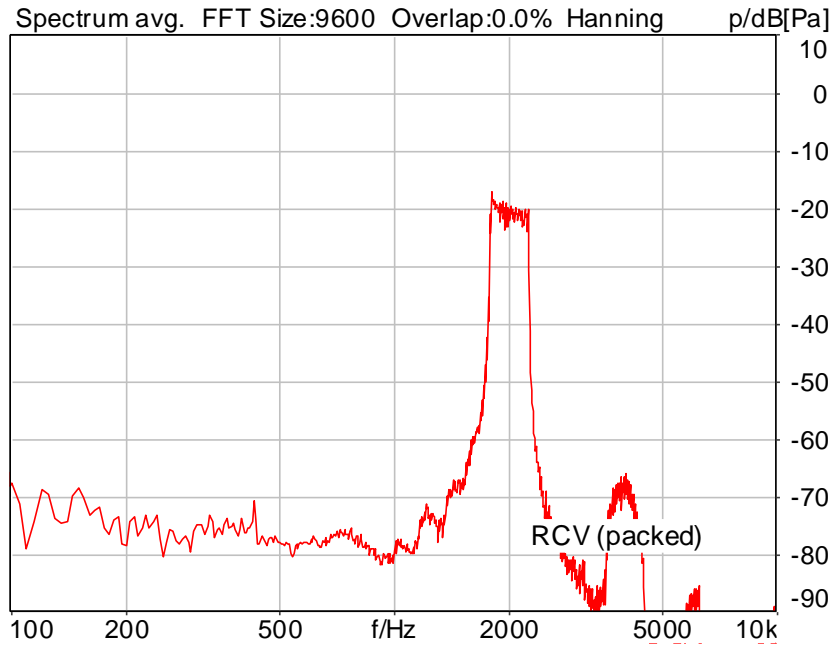
Limits

	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): 35.21 dB (1.74%) Ok

Ok

2023/11/2 上午 02:16 ACQUA 5.1.200

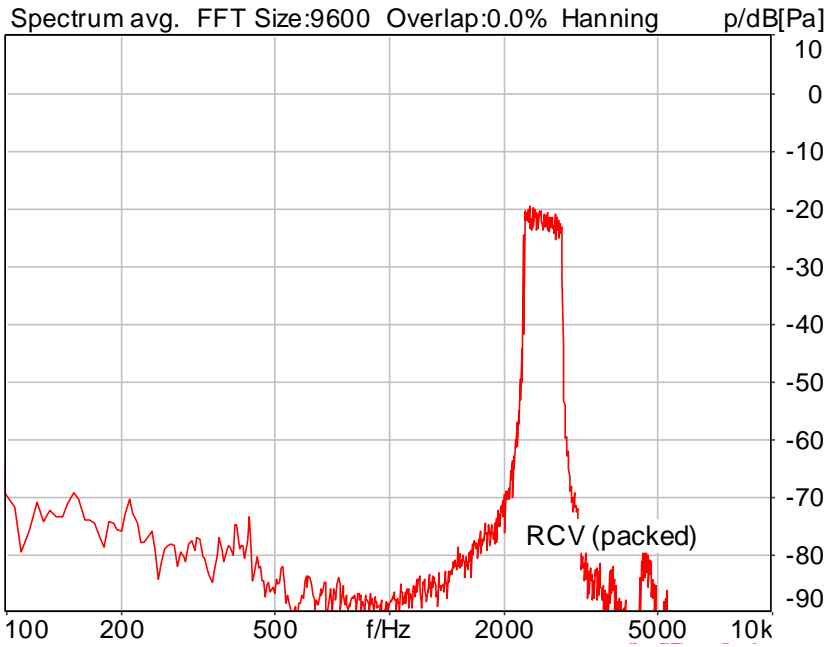
Limits

	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): 39.11 dB (1.11%) Ok

Ok

2023/11/2 上午 02:16 ACQUA 5.1.200

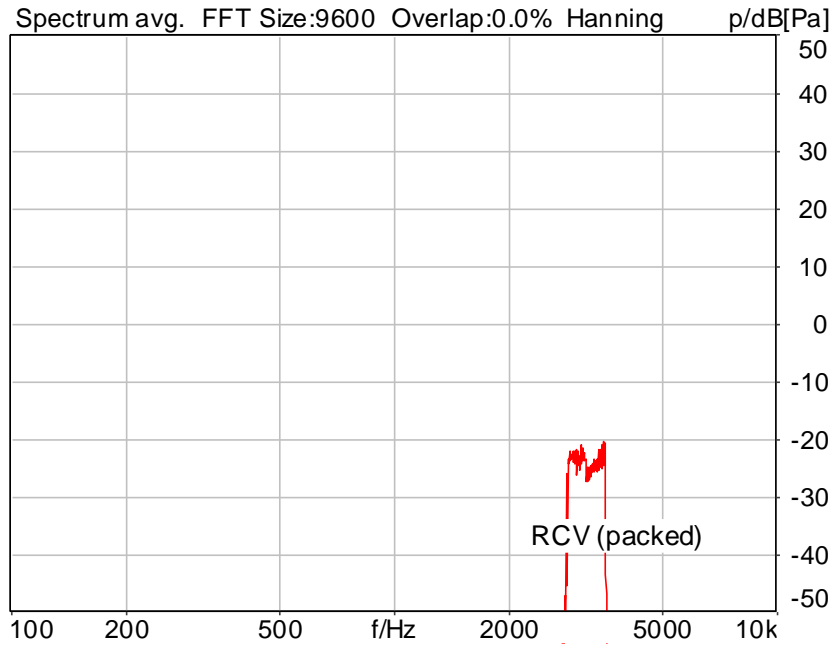
Limits

	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): 39.26 dB (1.09%) Ok

Ok

2023/11/2 上午 02:17 ACQUA 5.1.200

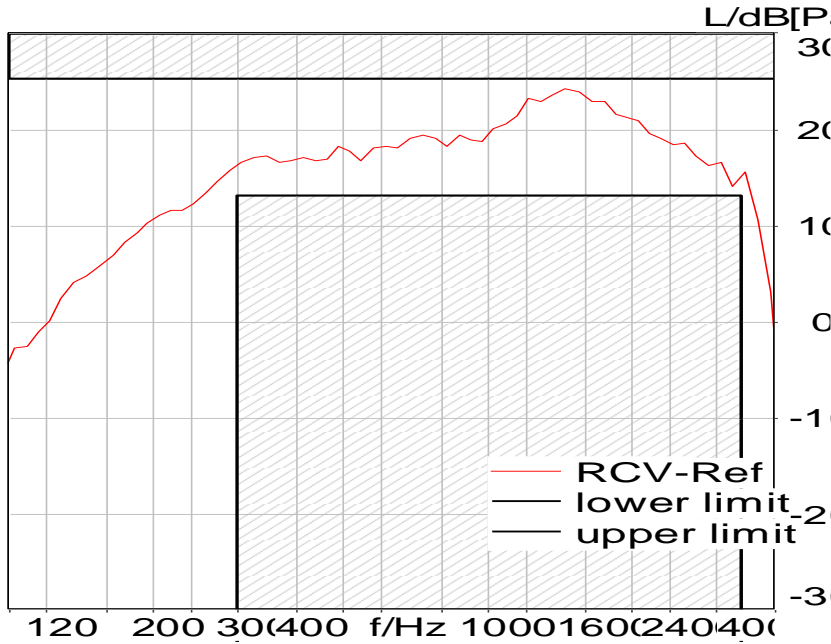
Limits

	lower
Run 1	20.00 dB



### 5.3 Frequency Response 8N FF HANB

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



Absolute minimal distance  
0.89 dB at 1447.5 Hz Ok

Ok

2023/11/2 上午 02:08 ACQUA 5.1.200

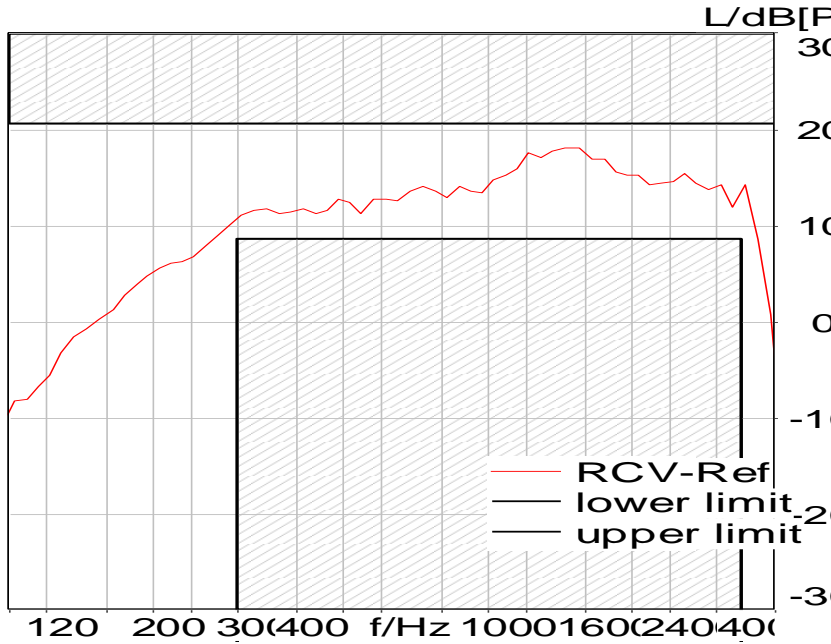
**Limits**

	<b>lower</b>
Run 1	Fit into tolerance



### 5.3 Frequency Response 2N FF HANB

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



Absolute minimal distance  
2.47 dB at 1447.5 Hz Ok

Ok

2023/11/2 上午 02:17 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	Fit into tolerance





---

**Appendix A. Volume Control Evaluation Results**

**<Evaluation results for KDB 285076 D05 2.b>**



**#21 GSM850 AMR WB 6.6Kbps**

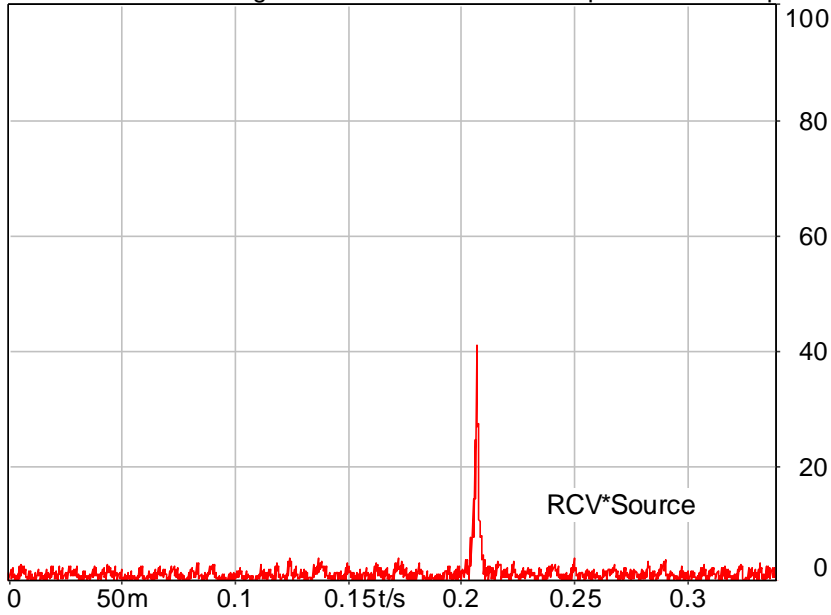
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	206.7
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	89.57
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.42



### Overall Receive Delay WB

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

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



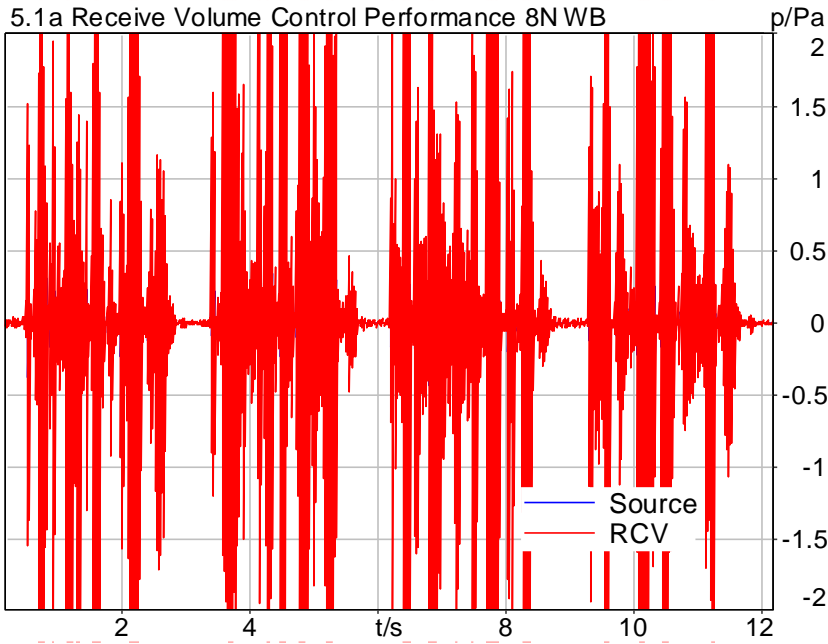
Delay (Cross): 206.7 ms

2023/10/30 下午 08:24 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 89.57 dB[SPL], Act.: 58.79% Ok

Ok

2023/10/30 下午 08:24 ACQUA 5.1.200

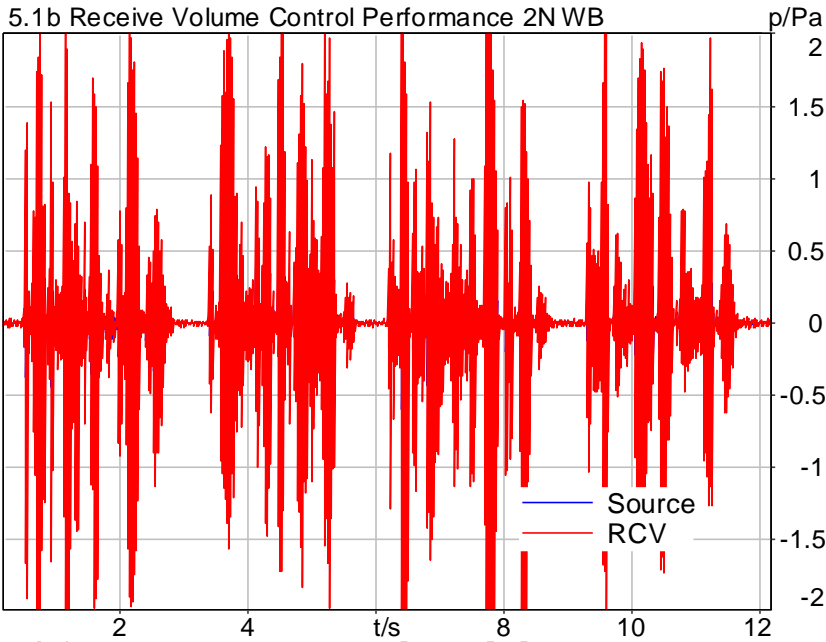
**Limits**

	<b>lower</b>
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 87.42 dB[SPL], Act.: 31.86% Ok

Ok

2023/10/30 下午 08:25 ACQUA 5.1.200

**Limits**

	lower
Run 1	76.00 dB20uPa



**#22 GSM190 AMR WB 6.6Kbps**

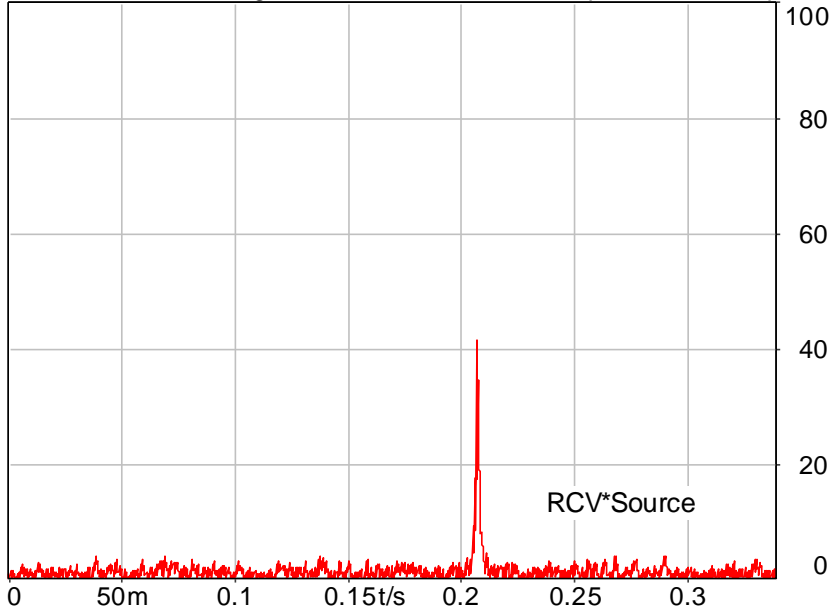
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	207.0
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	89.86
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.40



### Overall Receive Delay WB

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

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



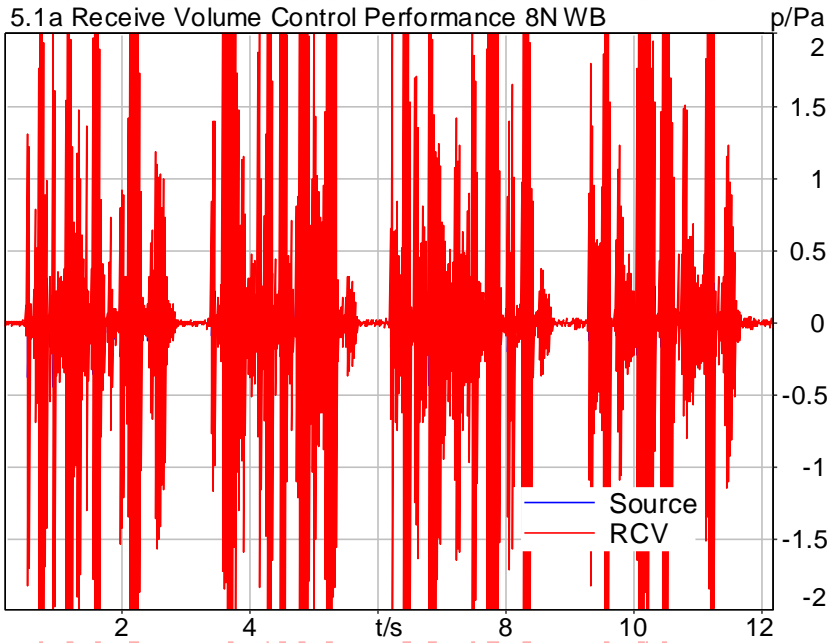
Delay (Cross): 207.0 ms

2023/10/30 下午 09:15 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 89.86 dB[SPL], Act.: 55.97% Ok

Ok

2023/10/30 下午 09:16 ACQUA 5.1.200

Limits

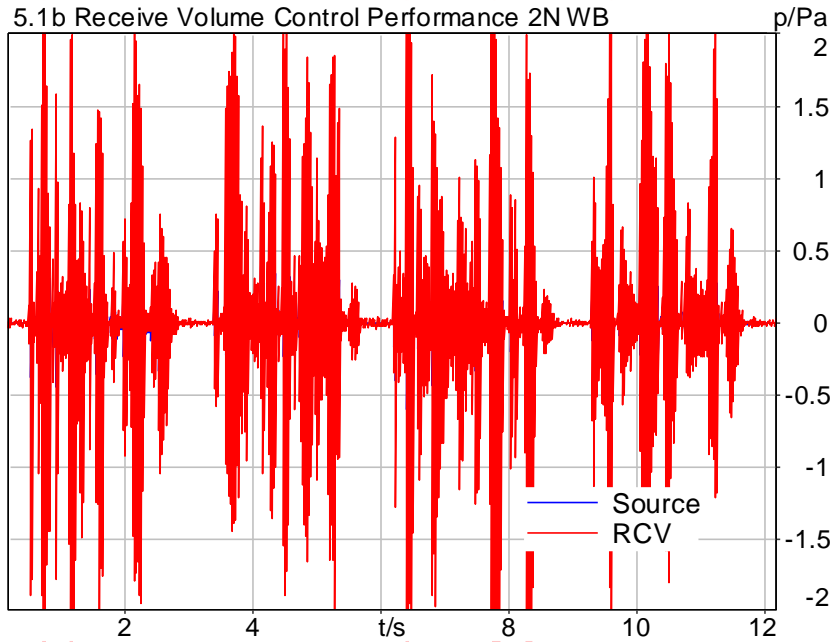
	lower
Run 1	88.00 dB20uPa





### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 87.40 dB[SPL], Act.: 35.43% Ok

Ok

2023/10/30 下午 09:17 ACQUA 5.1.200

Limits

	lower
Run 1	76.00 dB20uPa



**#23 WCDMA II AMR WB 23.85Kbps**

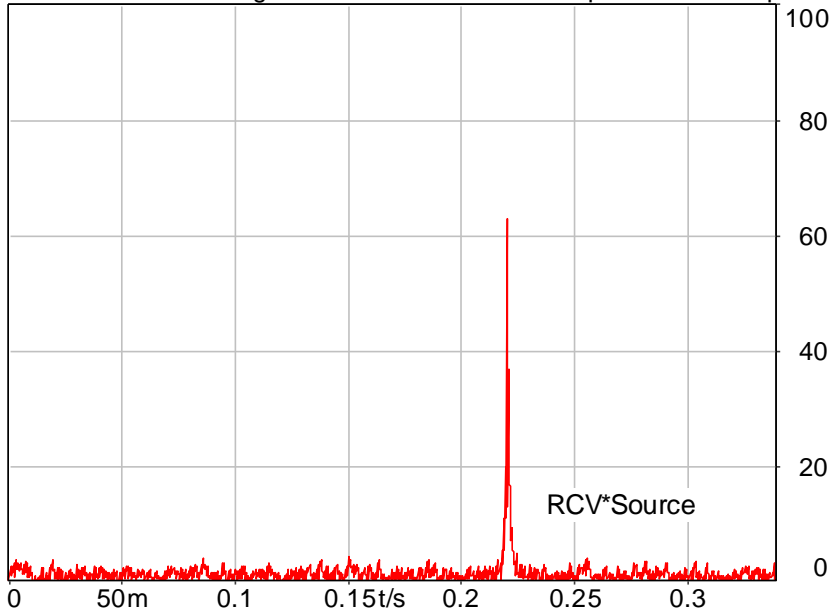
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	220.4
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	89.96
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.37



### Overall Receive Delay WB

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

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



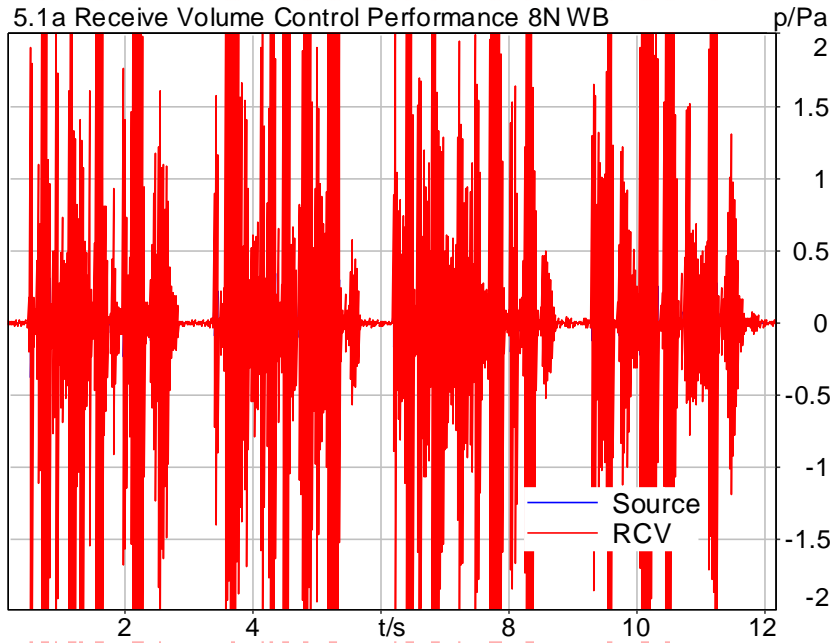
Delay (Cross): 220.4 ms

2023/10/30 下午 08:15 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 89.96 dB[SPL], Act.: 58.78% Ok

Ok

2023/10/30 下午 08:16 ACQUA 5.1.200

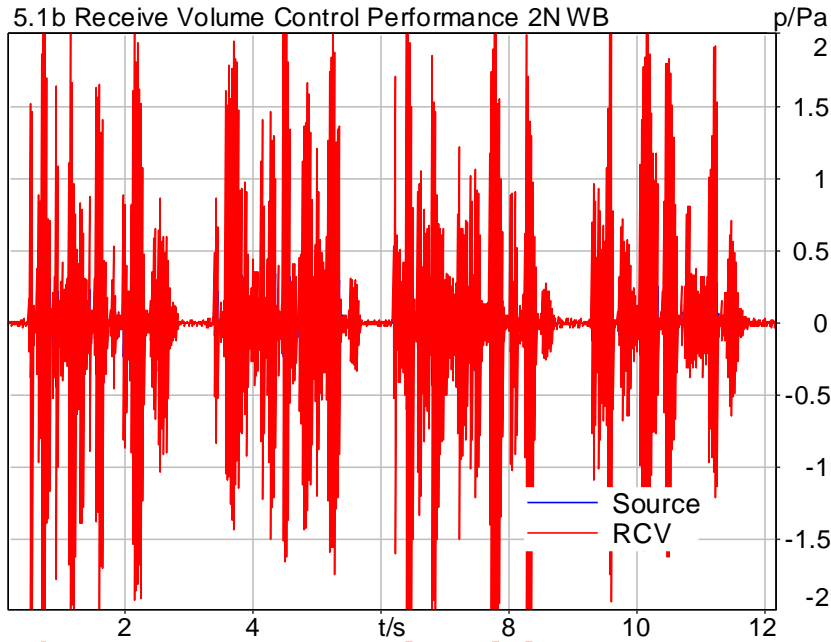
Limits

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 87.37 dB[SPL], Act.: 35.59% Ok

Ok

2023/10/30 下午 08:17 ACQUA 5.1.200

Limits

	lower
Run 1	76.00 dB20uPa



**#24 WCDMA IV AMR NB 12.2Kbps**

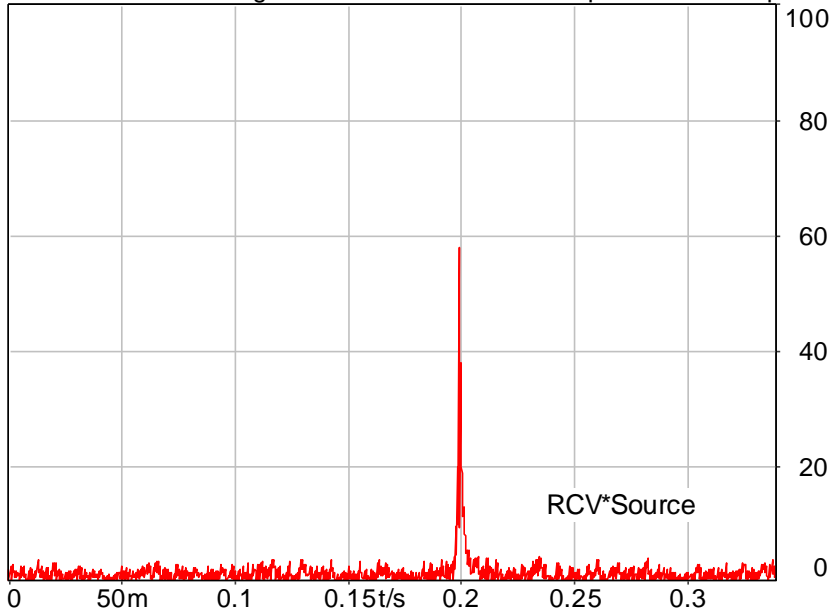
SMD	Status	Single Value Description	Single Value
Overall Receive Delay NB	Done	Delay (Cross) [ms]	199.5
5.1a Receive Volume Control Performance 8N NB	Ok	Speech Level [dB[SPL]]	90.81
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	88.08



### Overall Receive Delay NB

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

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



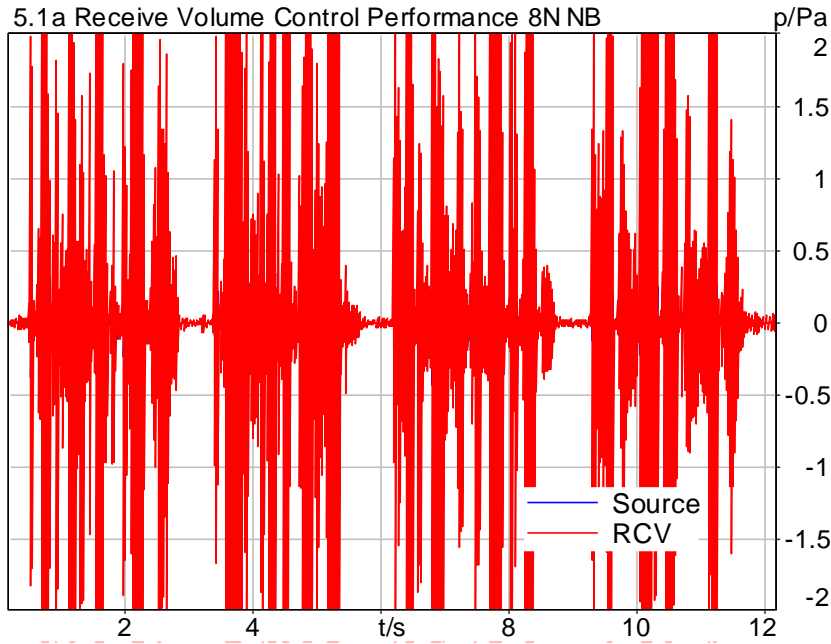
Delay (Cross): 199.5 ms

2023/10/30 下午 06:05 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N NB

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



Speech Level RCV: 90.81 dB[SPL], Act.: 58.21% Ok

Ok

2023/10/30 下午 06:06 ACQUA 5.1.200

Limits

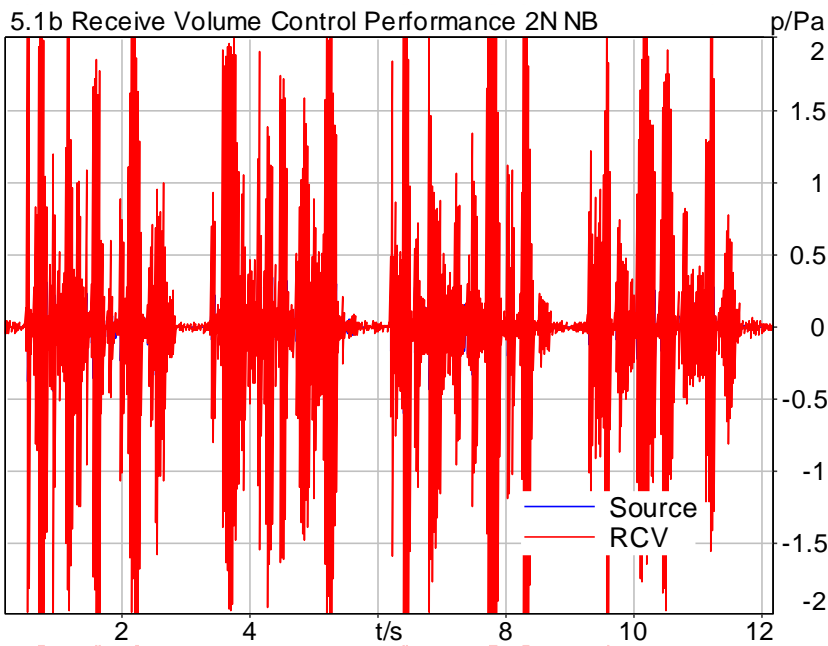
	lower
Run 1	88.00 dB20uPa





### 5.1b Receive Volume Control Performance 2N NB

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



Speech Level RCV: 88.08 dB[SPL], Act.: 36.74% Ok

Ok

2023/10/30 下午 06:06 ACQUA 5.1.200

**Limits**

	lower
Run 1	76.00 dB20uPa



**#25 WCDMA V AMR NB 4.75Kbps**

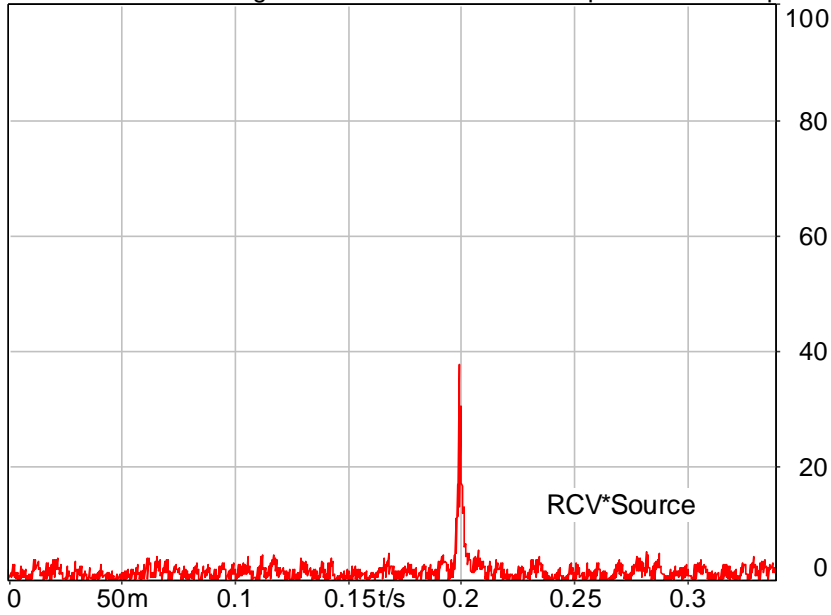
SMD	Status	Single Value Description	Single Value
Overall Receive Delay NB	Done	Delay (Cross) [ms]	199.4
5.1a Receive Volume Control Performance 8N NB	Ok	Speech Level [dB[SPL]]	90.51
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	88.32



### Overall Receive Delay NB

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

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



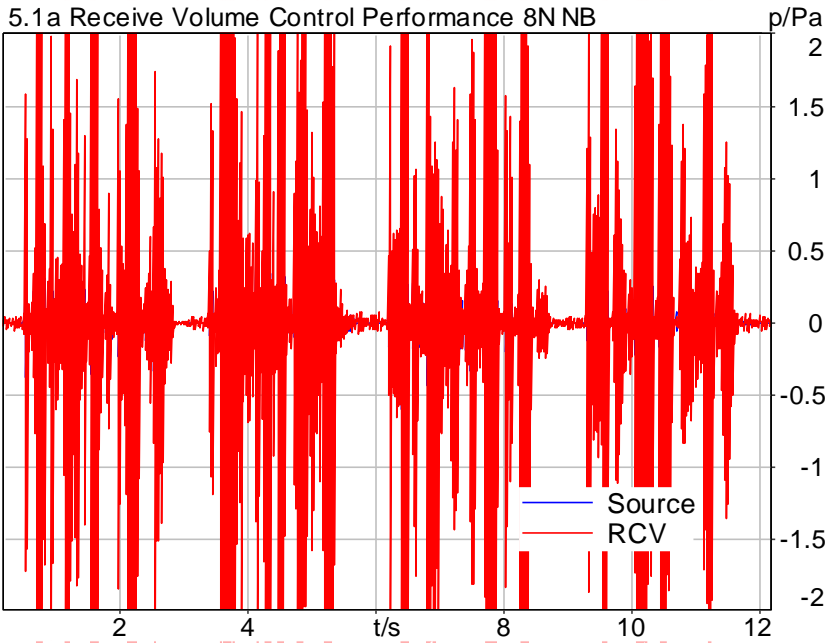
Delay (Cross): 199.4 ms

2023/10/30 下午 06:53 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N NB

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



Speech Level RCV: 90.51 dB[SPL], Act.: 52.55% Ok

Ok

2023/10/30 下午 06:53 ACQUA 5.1.200

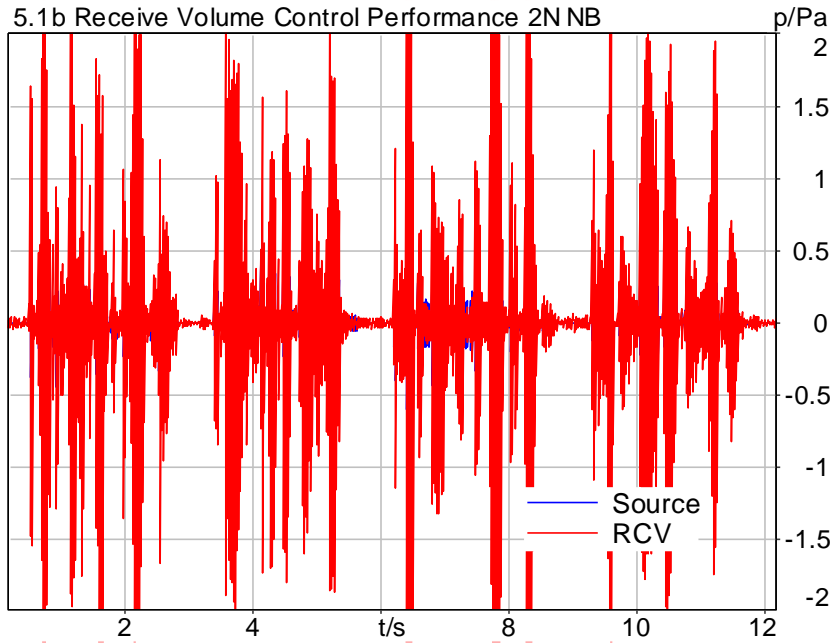
Limits

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N NB

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



Speech Level RCV: 88.32 dB[SPL], Act.: 30.56% Ok

Ok

2023/10/30 下午 06:54 ACQUA 5.1.200

Limits

	lower
Run 1	76.00 dB20uPa



**#26 LTE B2 AMR NB 4.75Kbps**

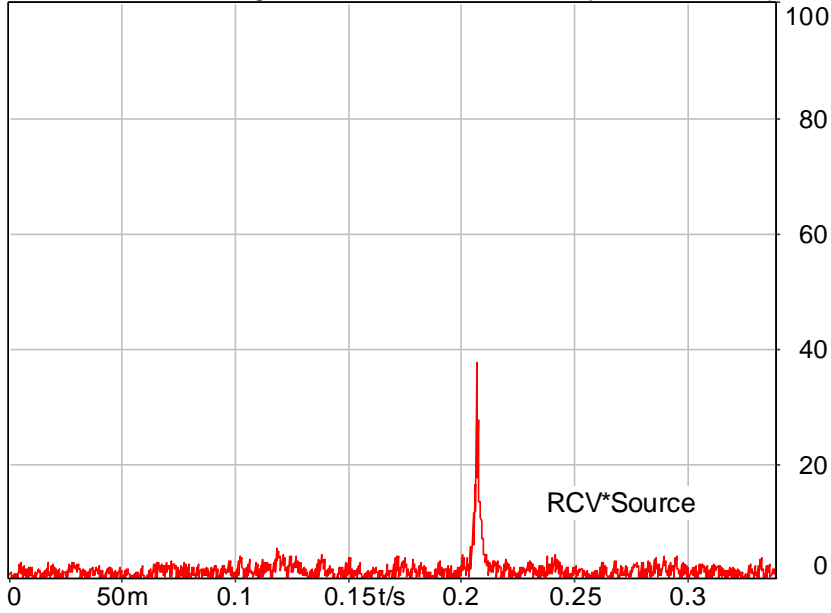
SMD	Status	Single Value Description	Single Value
Overall Receive Delay NB	Done	Delay (Cross) [ms]	206.9
5.1a Receive Volume Control Performance 8N NB	Ok	Speech Level [dB[SPL]]	89.77
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	87.44



### Overall Receive Delay NB

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

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



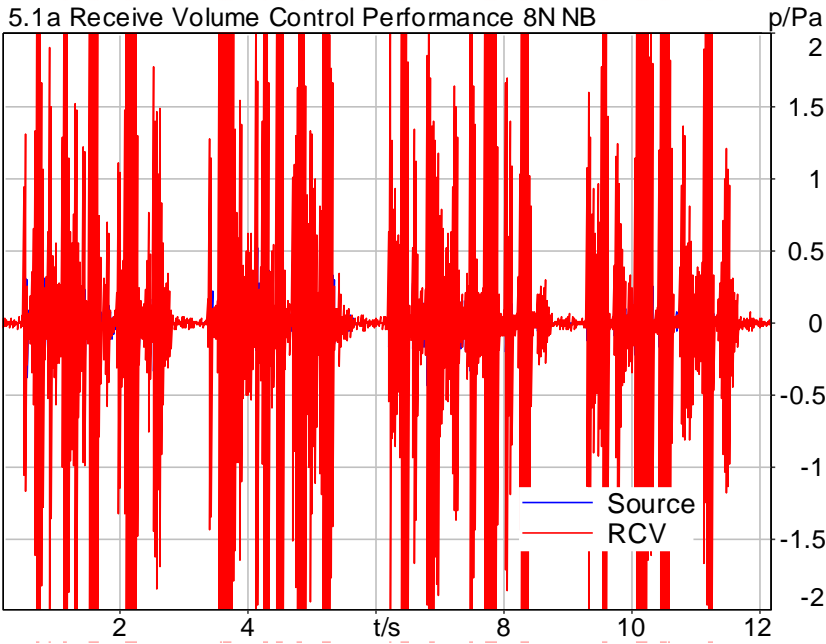
Delay (Cross): 206.9 ms

2023/10/31 下午 02:56 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N NB

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



Speech Level RCV: 89.77 dB[SPL], Act.: 59.24% Ok

Ok

2023/10/31 下午 02:57 ACQUA 5.1.200

**Limits**

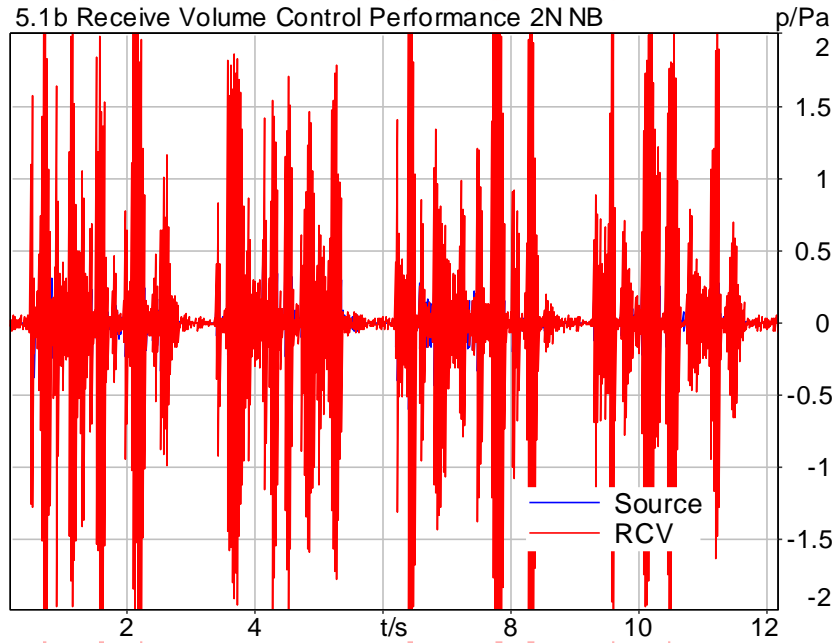
	lower
Run 1	88.00 dB20uPa





### 5.1b Receive Volume Control Performance 2N NB

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



Speech Level RCV: 87.44 dB[SPL], Act.: 36.68% Ok

Ok

2023/10/31 下午 02:58 ACQUA 5.1.200

#### Limits

	lower
Run 1	76.00 dB20uPa



**#27 LTE B5 AMR WB 23.85Kbps**

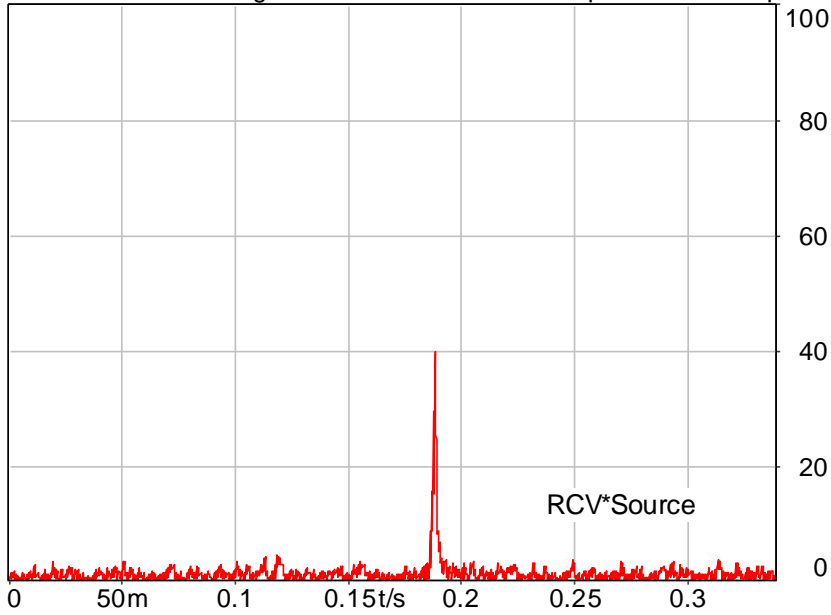
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	188.6
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	90.73
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.17



### Overall Receive Delay WB

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

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



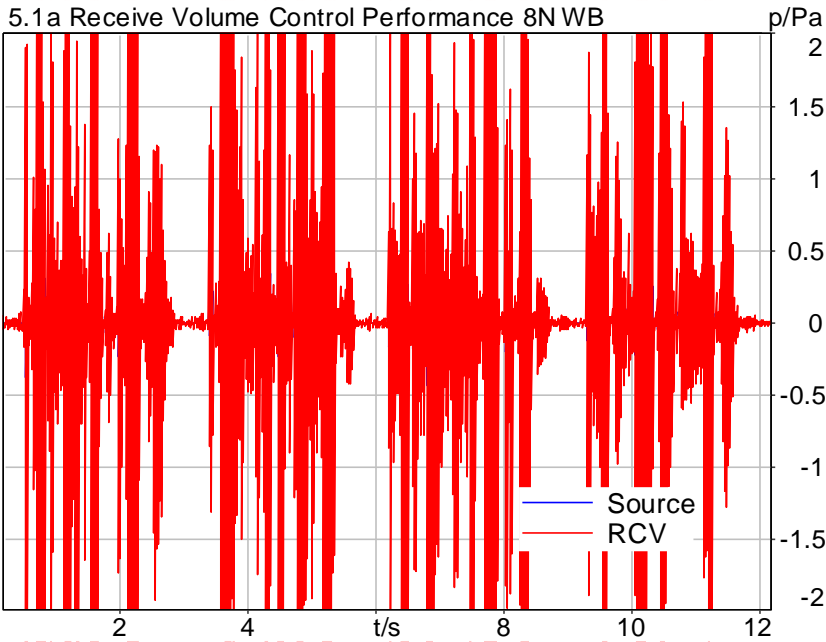
Delay (Cross): 188.6 ms

2023/10/31 下午 04:12 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 90.73 dB[SPL], Act.: 58.56% Ok

Ok

2023/10/31 下午 04:13 ACQUA 5.1.200

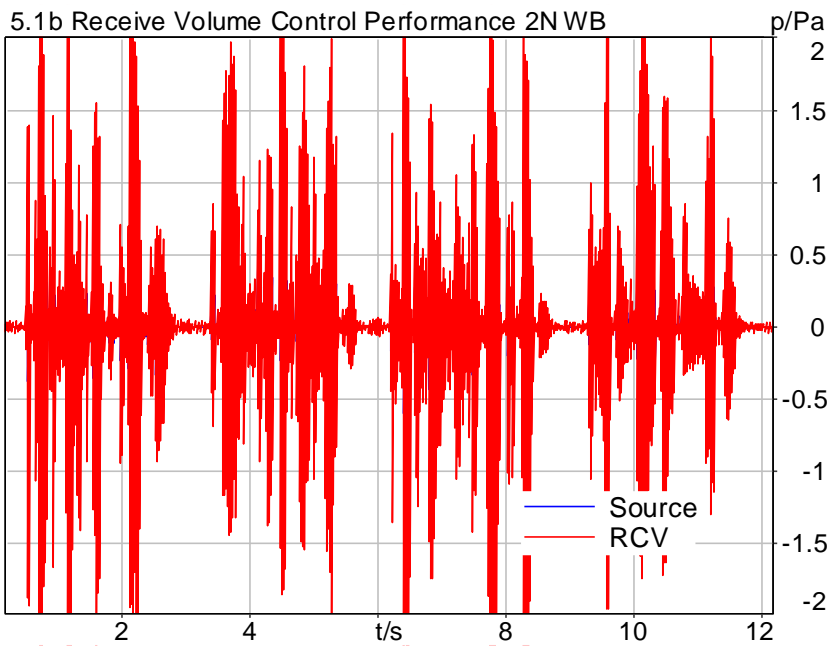
**Limits**

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 87.17 dB[SPL], Act.: 38.71% Ok

Ok

2023/10/31 下午 04:14 ACQUA 5.1.200

Limits

	lower
Run 1	76.00 dB20uPa



**#28 LTE B7 AMR WB 23.85Kbps**

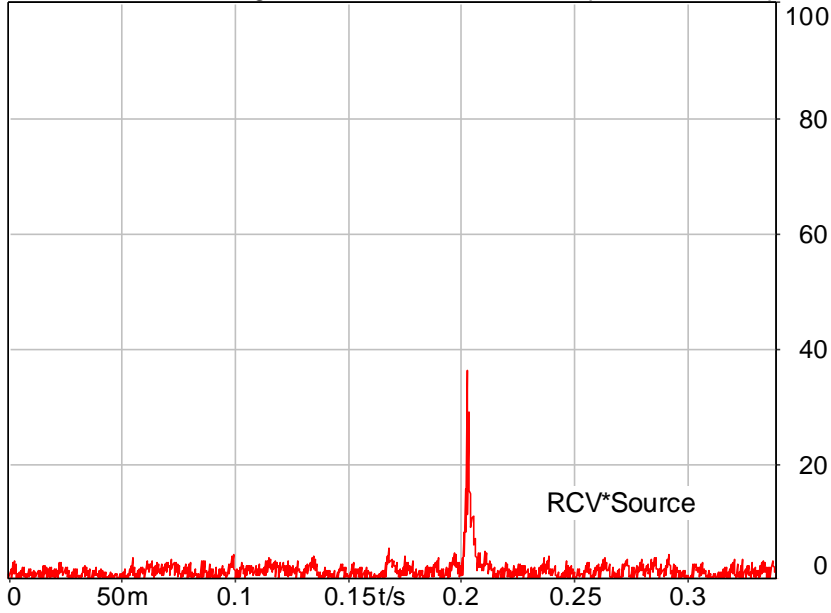
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	203.2
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	90.23
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.31



### Overall Receive Delay WB

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

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



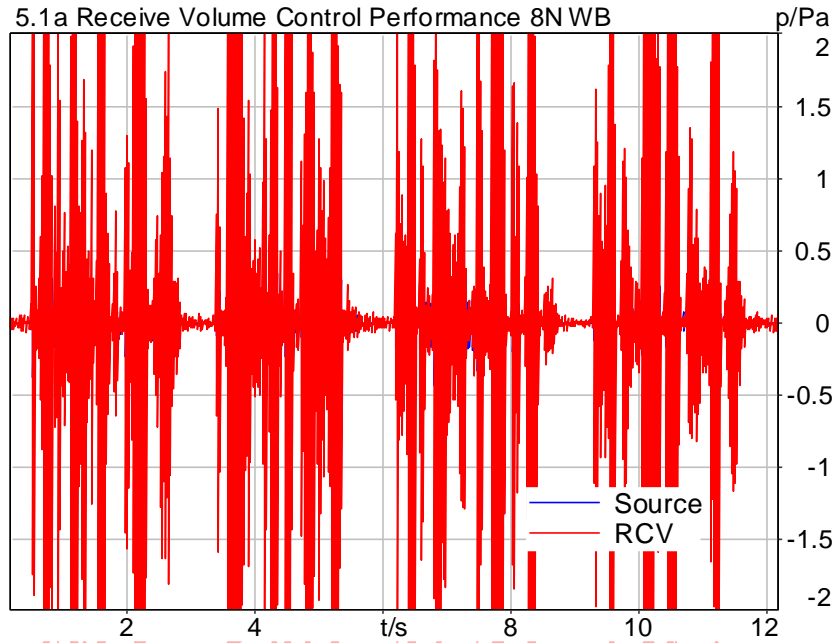
Delay (Cross): 203.2 ms

2023/11/1 上午 09:50 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 90.23 dB[SPL], Act.: 58.79% Ok

Ok

2023/11/1 上午 09:51 ACQUA 5.1.200

Limits

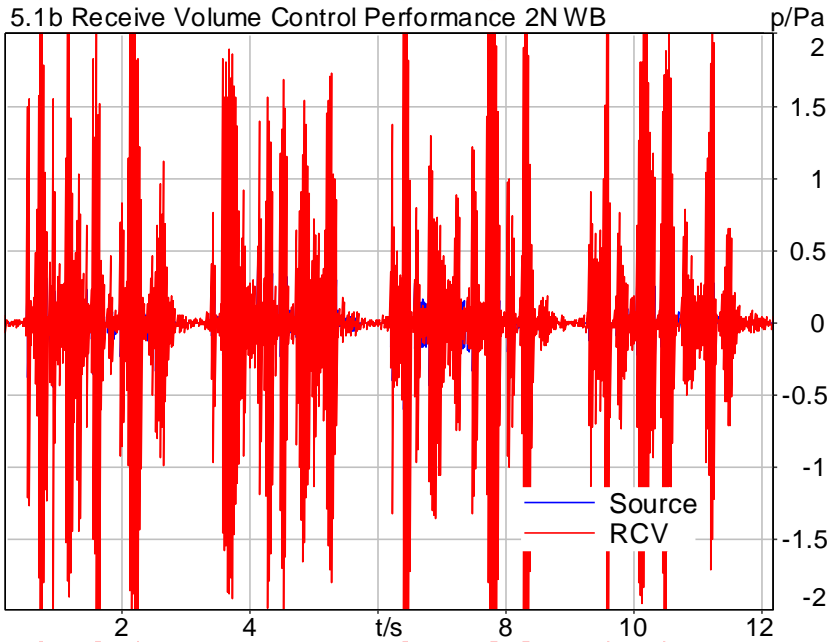
	lower
Run 1	88.00 dB20uPa





### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 87.31 dB[SPL], Act.: 37.63% Ok

Ok

2023/11/1 上午 09:52 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	76.00 dB20uPa



**#29 LTE B12 AMR WB 23.85Kbps**

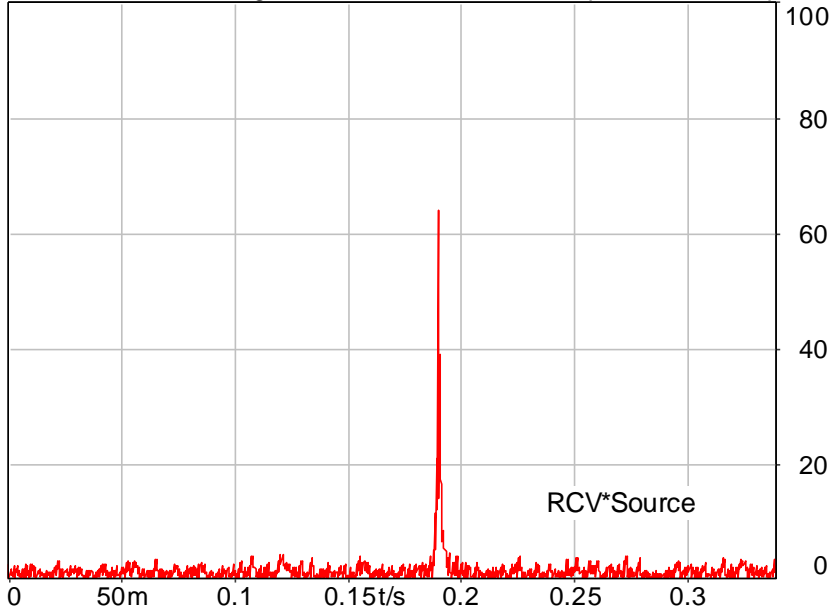
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	190.3
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	90.43
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.36



### Overall Receive Delay WB

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

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



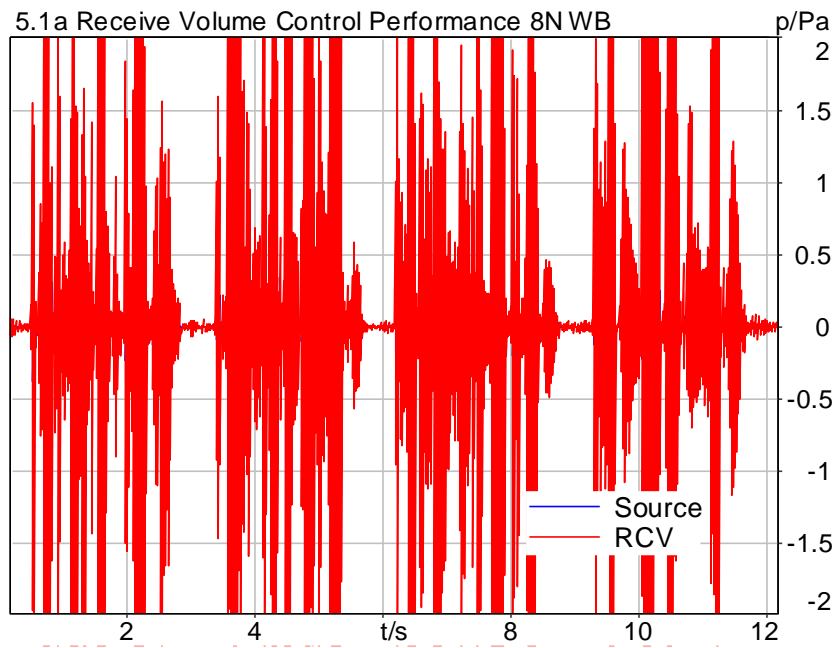
Delay (Cross): 190.3 ms

2023/11/1 上午 10:20 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 90.43 dB[SPL], Act.: 58.65% Ok

Ok

2023/11/1 上午 10:20 ACQUA 5.1.200

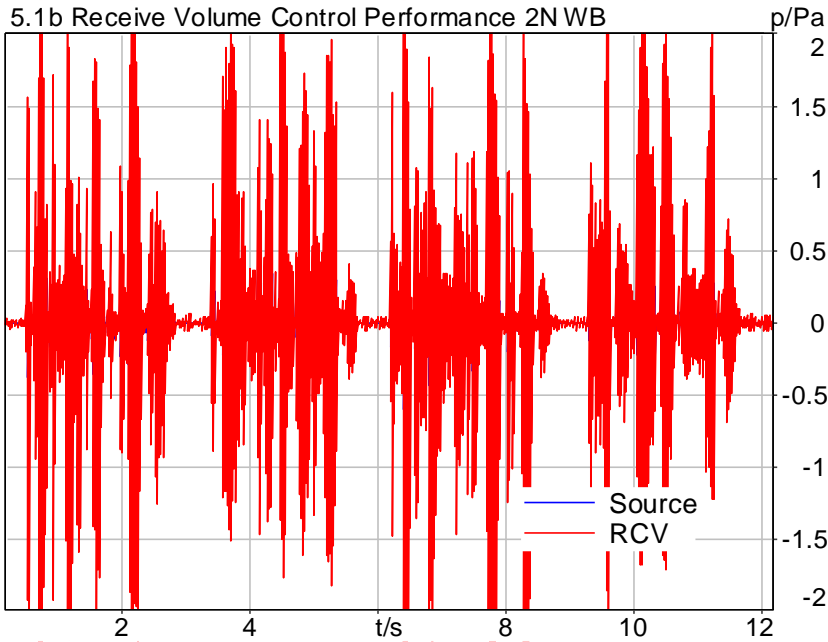
**Limits**

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 87.36 dB[SPL], Act.: 39.46% Ok

Ok

2023/11/1 上午 10:21 ACQUA 5.1.200

Limits

	lower
Run 1	76.00 dB20uPa



**#30 LTE B41 AMR NB 12.2Kbps**

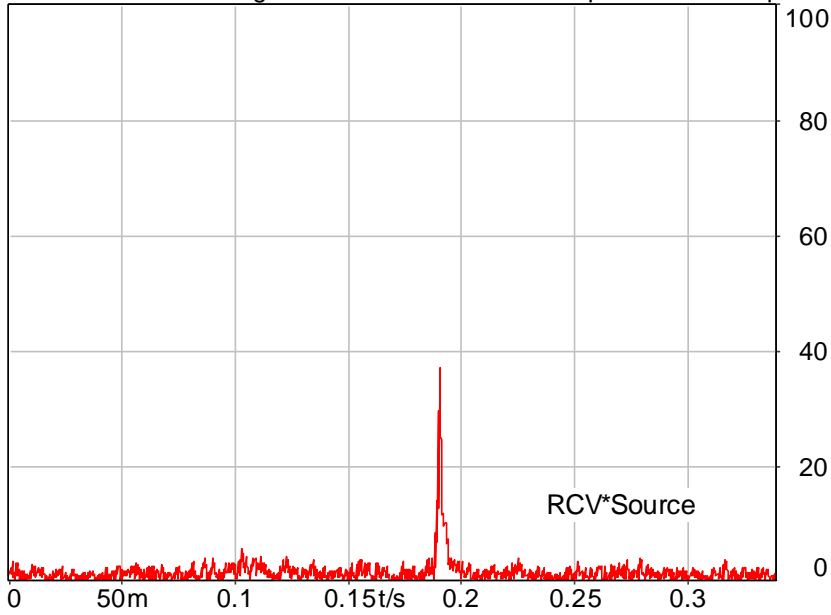
SMD	Status	Single Value Description	Single Value
Overall Receive Delay NB	Done	Delay (Cross) [ms]	190.9
5.1a Receive Volume Control Performance 8N NB	Ok	Speech Level [dB[SPL]]	90.43
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	87.32



### Overall Receive Delay NB

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

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



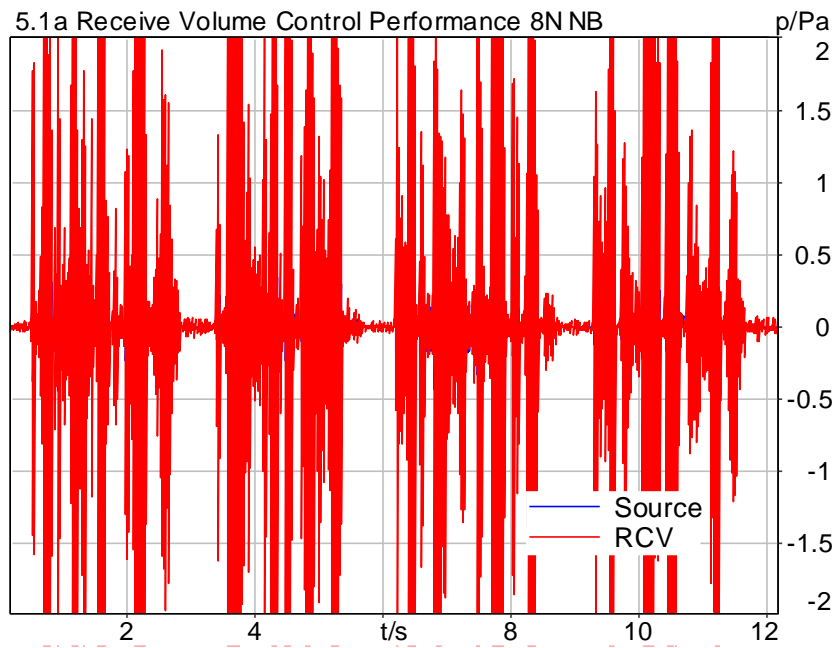
Delay (Cross): 190.9 ms

2023/11/1 上午 10:48 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N NB

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



Speech Level RCV: 90.43 dB[SPL], Act.: 58.90% Ok

Ok

2023/11/1 上午 10:48 ACQUA 5.1.200

Limits

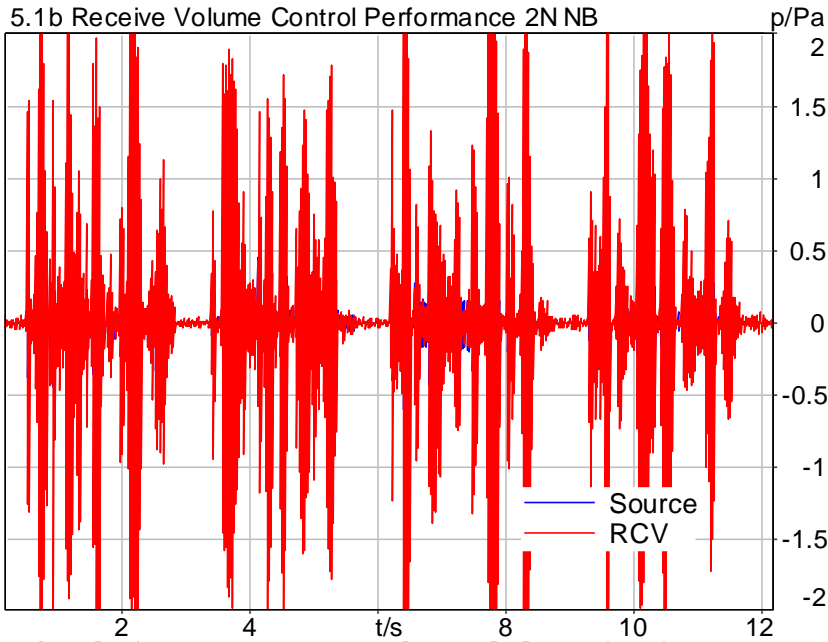
	lower
Run 1	88.00 dB20uPa





### 5.1b Receive Volume Control Performance 2N NB

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



Speech Level RCV: 87.32 dB[SPL], Act.: 38.38% Ok

Ok

2023/11/1 上午 10:49 ACQUA 5.1.200

**Limits**

	lower
Run 1	76.00 dB20uPa



**#31 LTE B66 AMR WB 6.6Kbps**

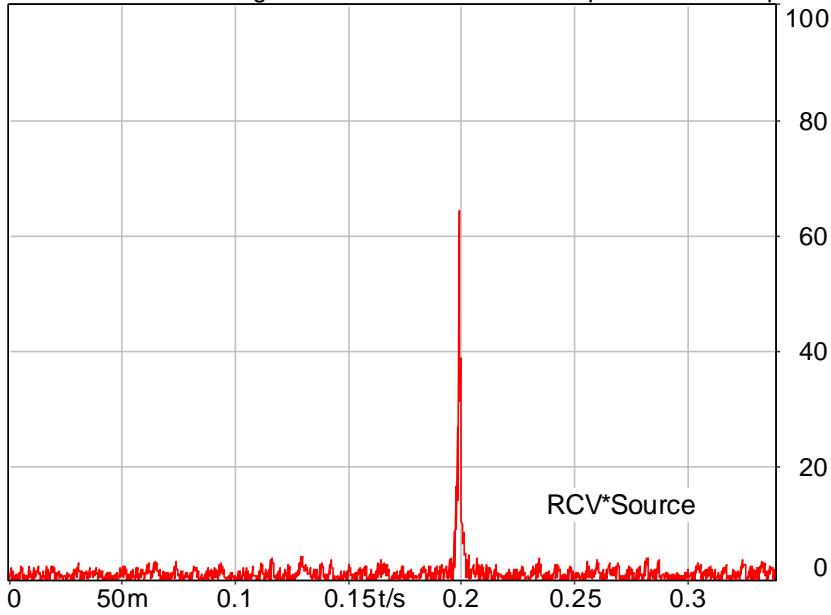
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	199.2
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	90.55
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	86.97



### Overall Receive Delay WB

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

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



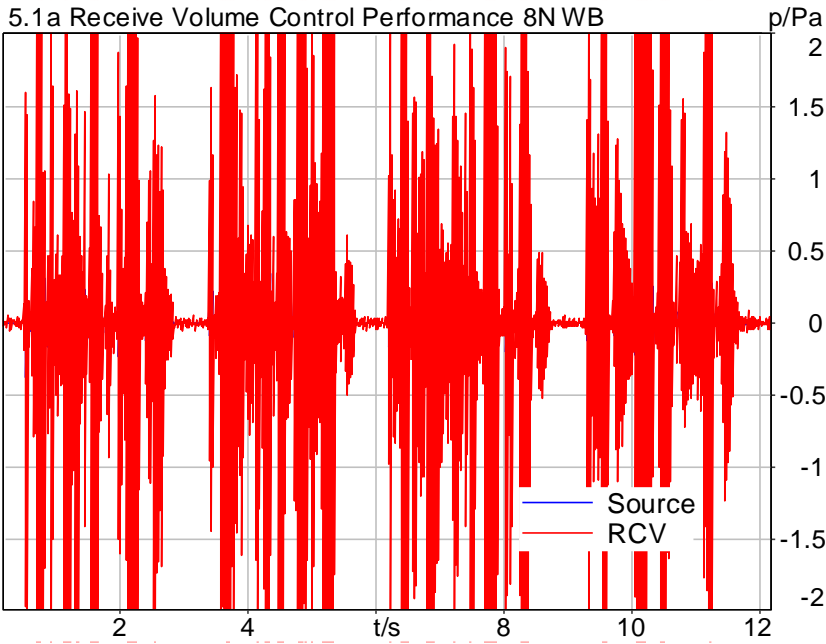
Delay (Cross): 199.2 ms

2023/11/1 上午 11:31 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 90.55 dB[SPL], Act.: 58.78% Ok

Ok

2023/11/1 上午 11:31 ACQUA 5.1.200

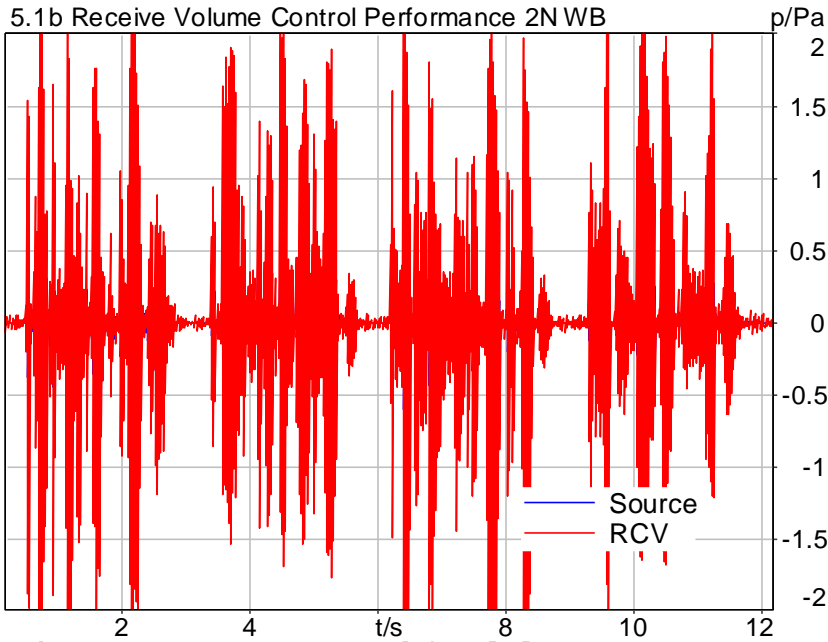
**Limits**

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 86.97 dB[SPL], Act.: 41.35% Ok

Ok

2023/11/1 上午 11:32 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	76.00 dB20uPa



**#32 NR n2 AMR WB 6.6Kbps**

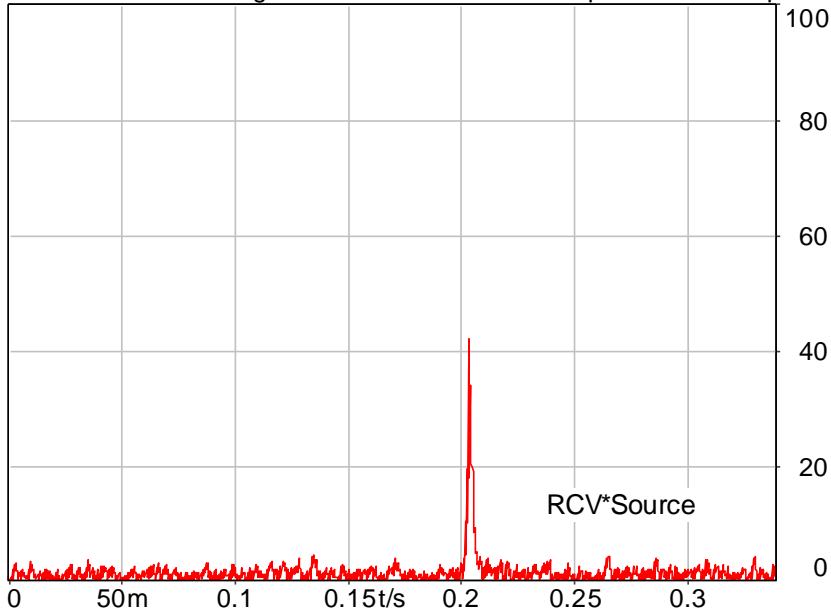
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	204.0
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	89.85
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.38



### Overall Receive Delay WB

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

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



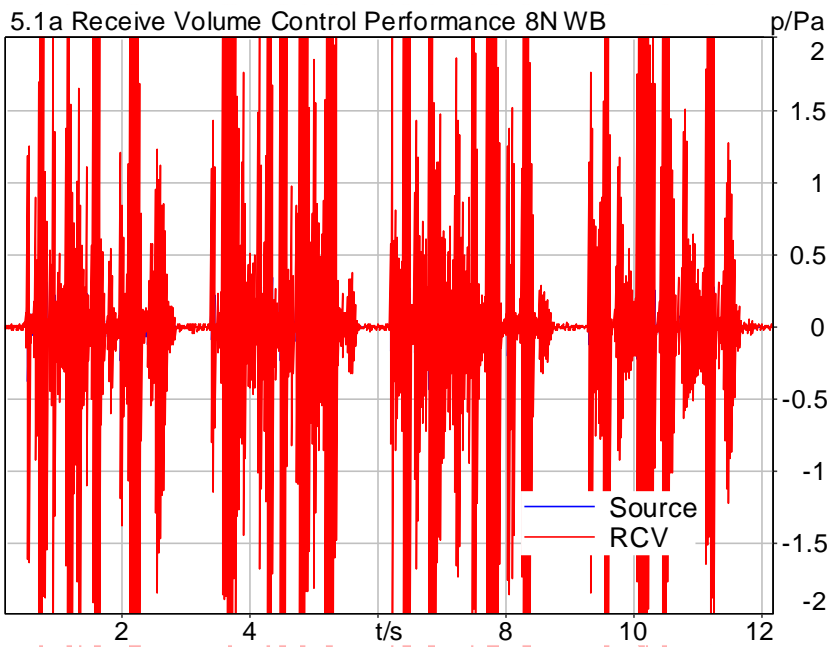
Delay (Cross): 204.0 ms

2023/10/21 下午 09:27 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 89.85 dB[SPL], Act.: 55.05% Ok

Ok

2023/10/21 下午 09:28 ACQUA 5.1.200

**Limits**

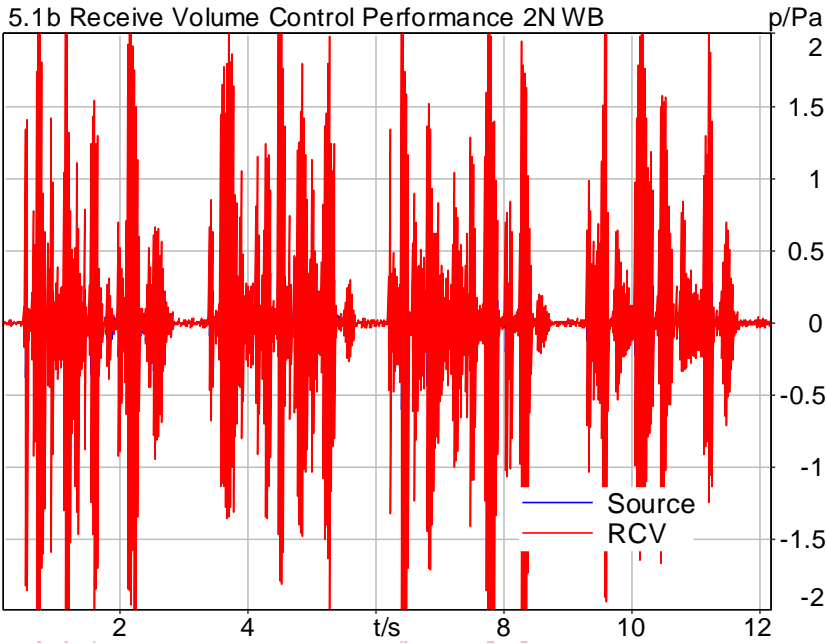
	<b>lower</b>
Run 1	88.00 dB20uPa





### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 87.38 dB[SPL], Act.: 36.67% Ok

Ok

2023/10/21 下午 09:29 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	76.00 dB20uPa



**#33 NR n5 EVS WB 24.4Kbps**

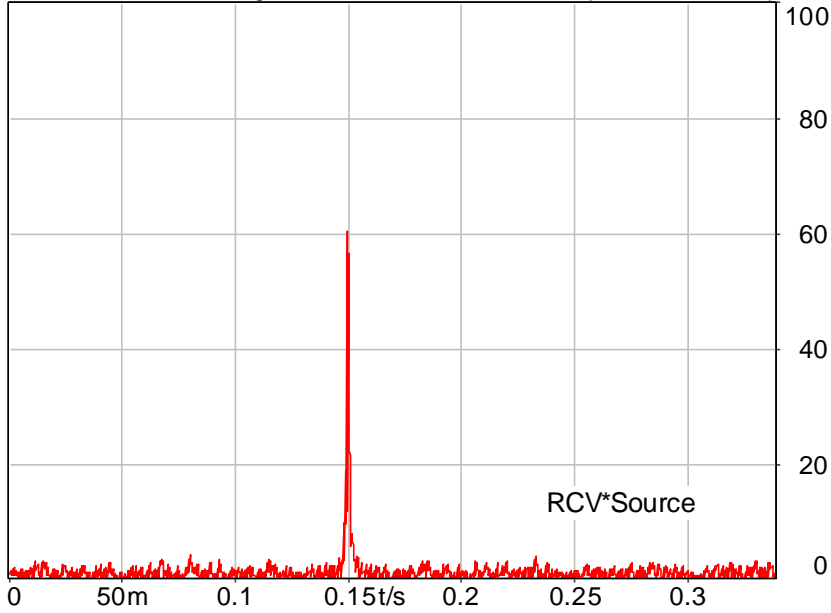
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	150.1
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	90.10
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.36



### Overall Receive Delay WB

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

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



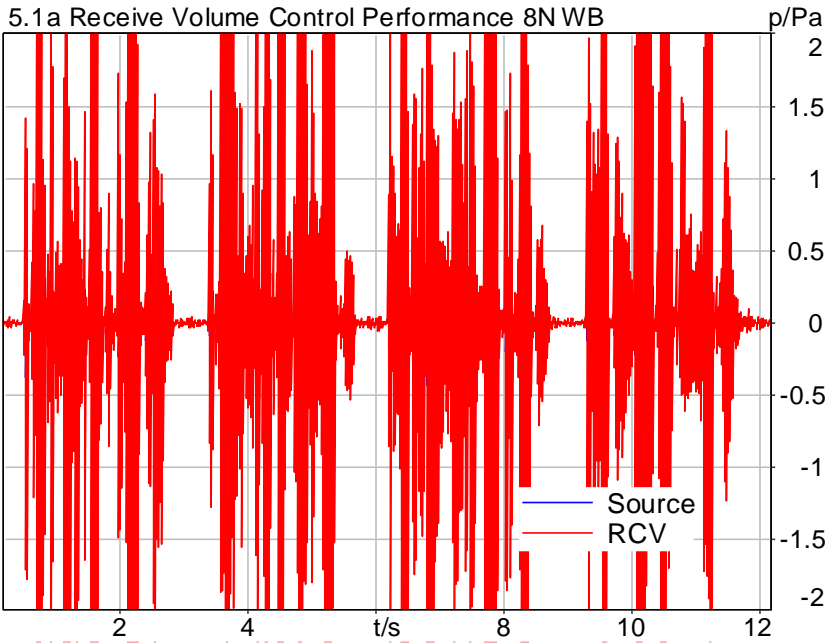
Delay (Cross): 150.1 ms

2023/10/21 上午 12:40 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 90.10 dB[SPL], Act.: 58.57% Ok

Ok

2023/10/21 上午 12:41 ACQUA 5.1.200

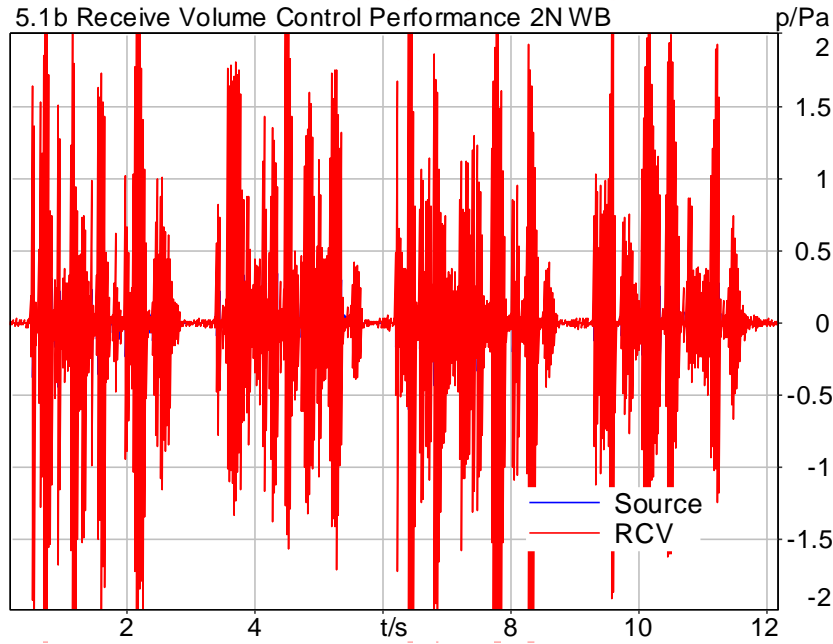
**Limits**

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 87.36 dB[SPL], Act.: 37.28% Ok

Ok

2023/10/21 上午 12:41 ACQUA 5.1.200

Limits

	lower
Run 1	76.00 dB20uPa



**#34 NR n7 AMR NB 4.75Kbps**

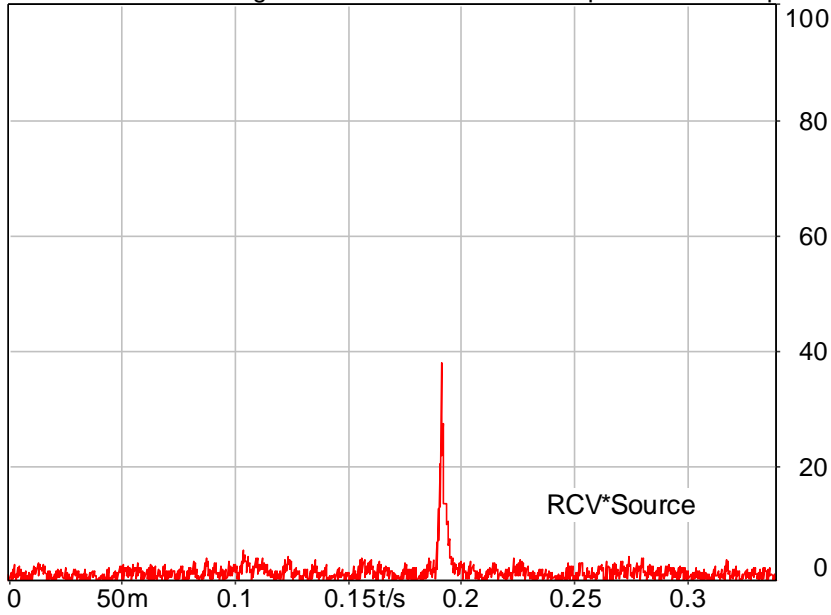
SMD	Status	Single Value Description	Single Value
Overall Receive Delay NB	Done	Delay (Cross) [ms]	191.7
5.1a Receive Volume Control Performance 8N NB	Ok	Speech Level [dB[SPL]]	90.03
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	87.83



### Overall Receive Delay NB

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

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



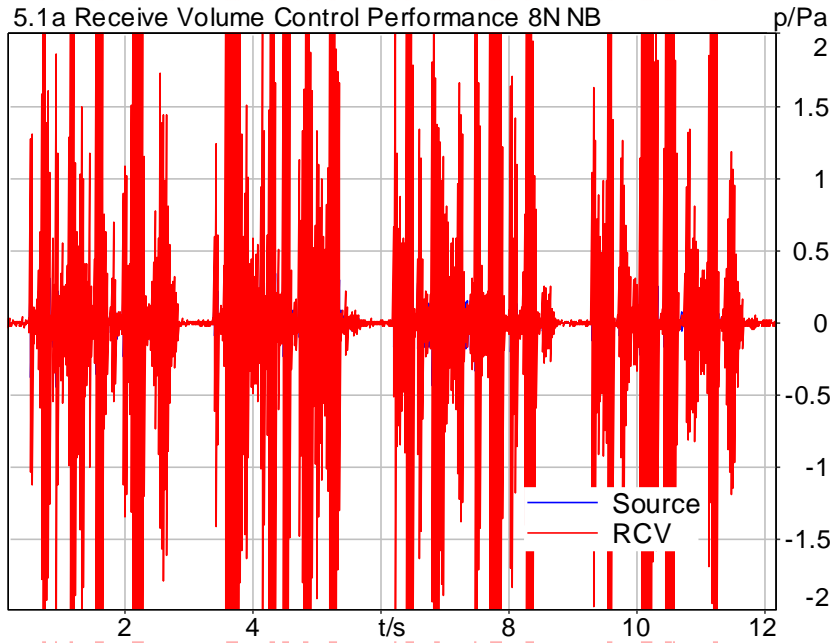
Delay (Cross): 191.7 ms

2023/10/21 下午 08:36 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N NB

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



Speech Level RCV: 90.03 dB[SPL], Act.: 52.63% Ok

Ok

2023/10/21 下午 08:37 ACQUA 5.1.200

Limits

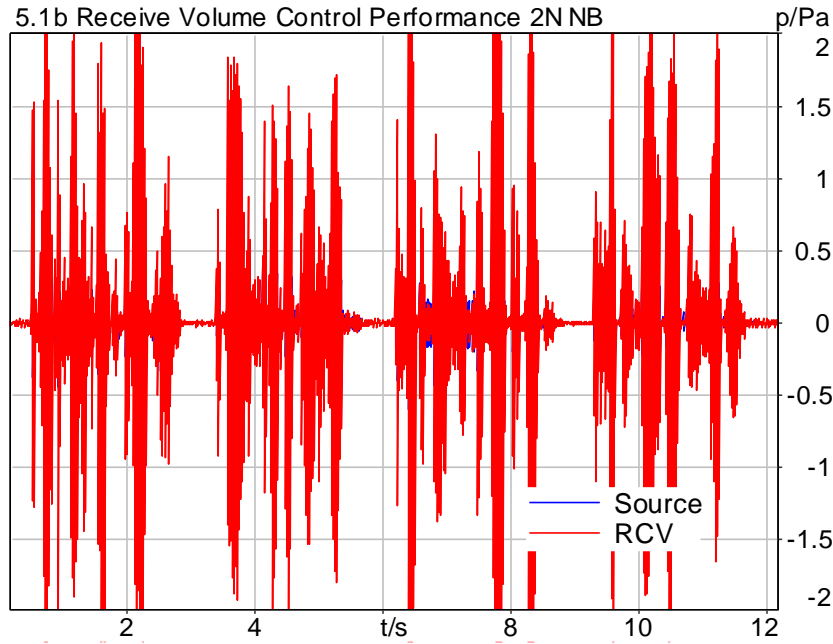
	lower
Run 1	88.00 dB20uPa





### 5.1b Receive Volume Control Performance 2N NB

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



Speech Level RCV: 87.83 dB[SPL], Act.: 33.15% Ok

Ok

2023/10/21 下午 08:38 ACQUA 5.1.200

**Limits**

	lower
Run 1	76.00 dB20uPa



**#35 NR n12 EVS WB 5.9Kbps**

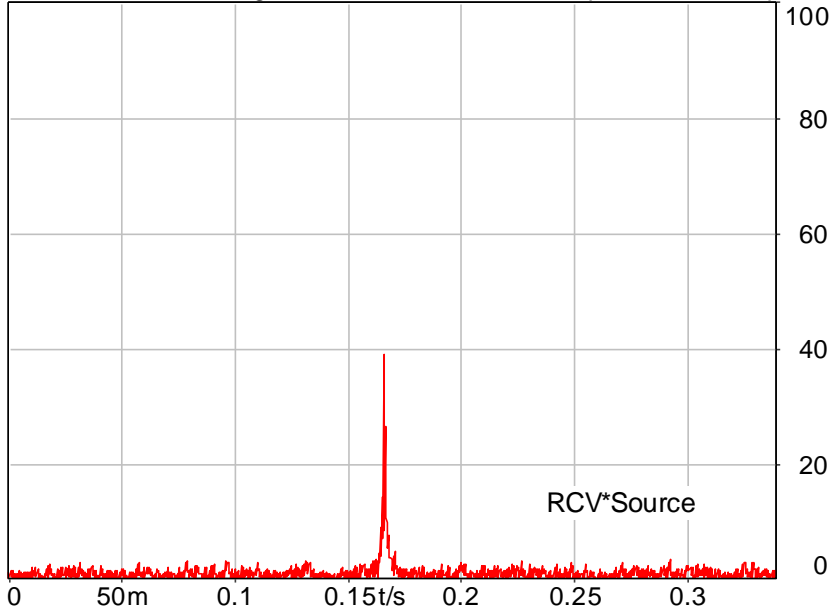
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	166.4
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	89.87
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.28



### Overall Receive Delay WB

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

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



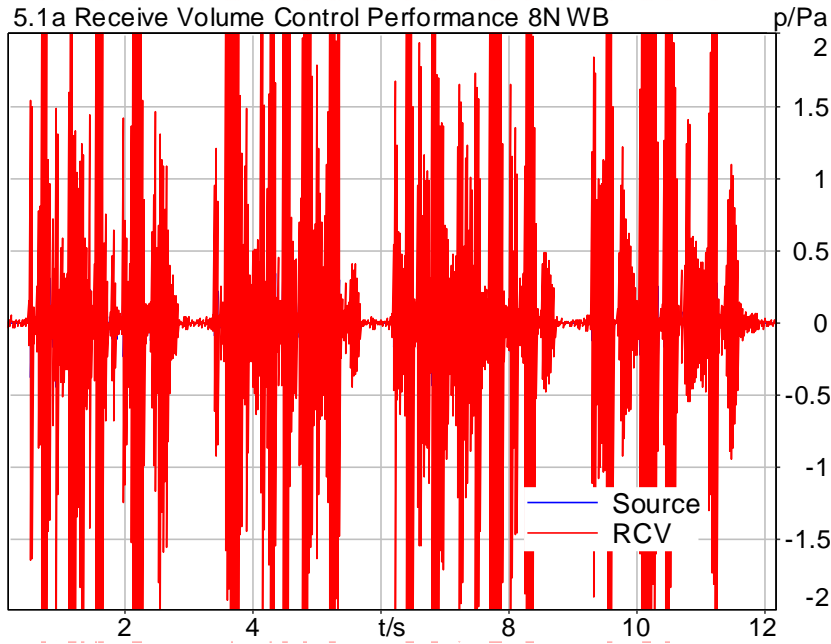
Delay (Cross): 166.4 ms

2023/10/21 下午 08:01 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 89.87 dB[SPL], Act.: 56.79% Ok

Ok

2023/10/21 下午 08:02 ACQUA 5.1.200

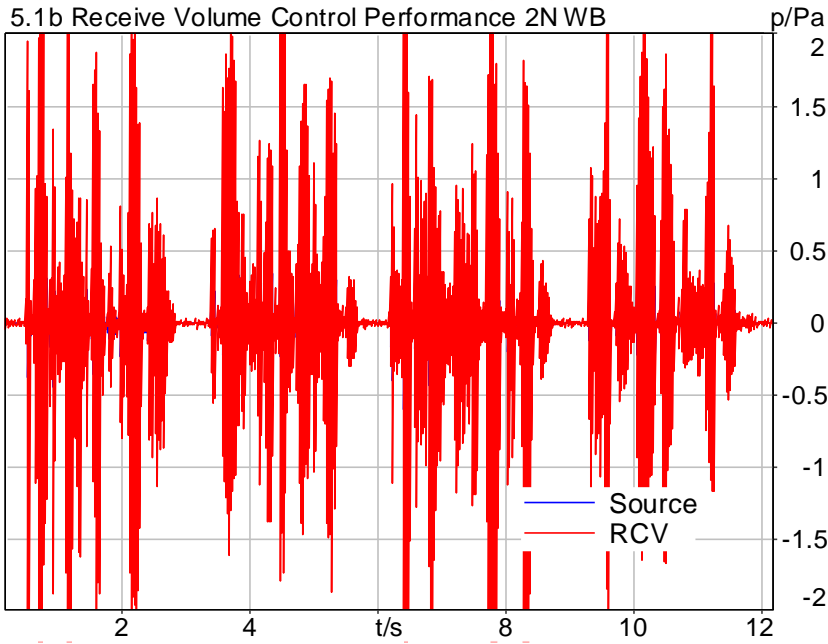
Limits

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 87.28 dB[SPL], Act.: 39.27% Ok

Ok

2023/10/21 下午 08:02 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	76.00 dB20uPa



**#36 NR n41 AMR WB 6.6Kbps**

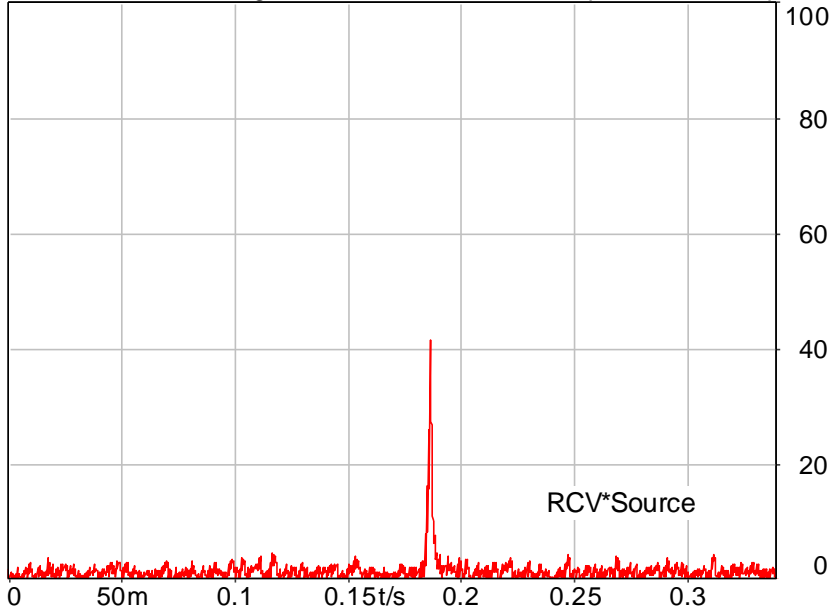
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	186.4
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	89.30
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.45



### Overall Receive Delay WB

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

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



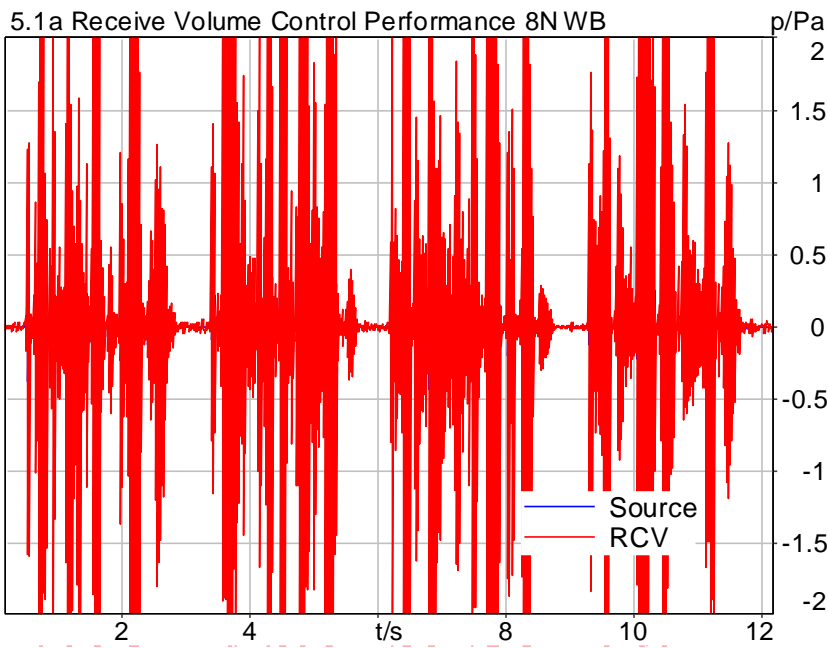
Delay (Cross): 186.4 ms

2023/10/21 下午 06:43 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 89.30 dB[SPL], Act.: 59.08% Ok

Ok

2023/10/21 下午 06:44 ACQUA 5.1.200

Limits

	lower
Run 1	88.00 dB20uPa





**#37 NR n66 AMR WB 23.85Kbps**

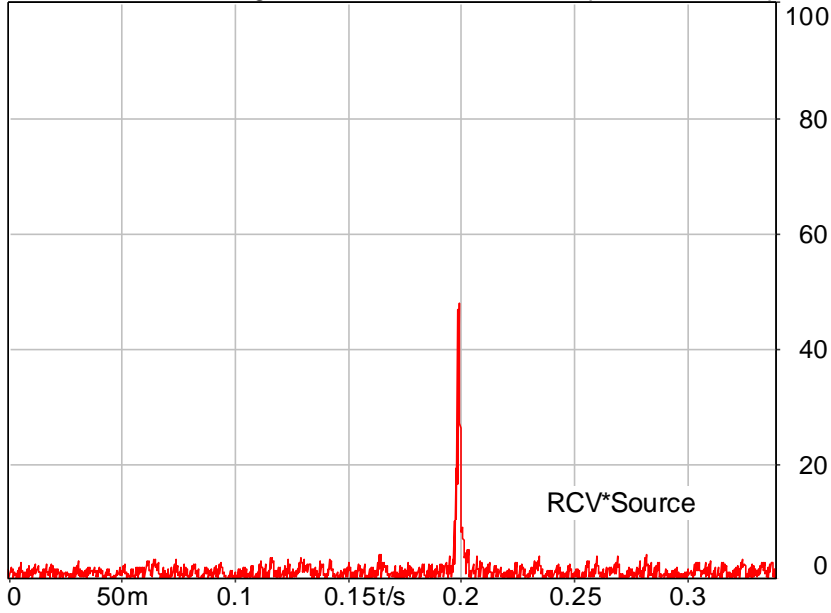
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	199.1
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	89.80
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.91



### Overall Receive Delay WB

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

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



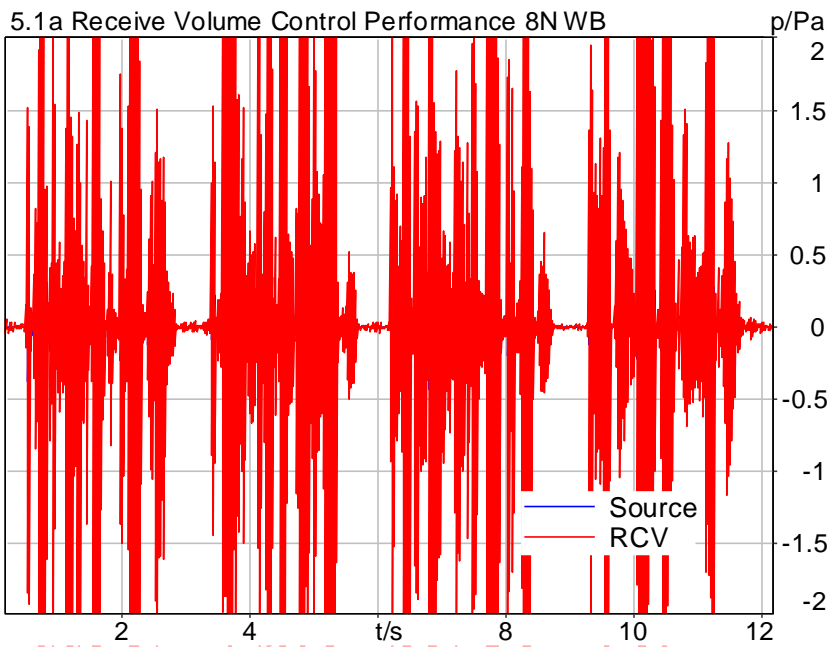
Delay (Cross): 199.1 ms

2023/10/21 下午 07:20 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 89.80 dB[SPL], Act.: 60.40% Ok

Ok

2023/10/21 下午 07:21 ACQUA 5.1.200

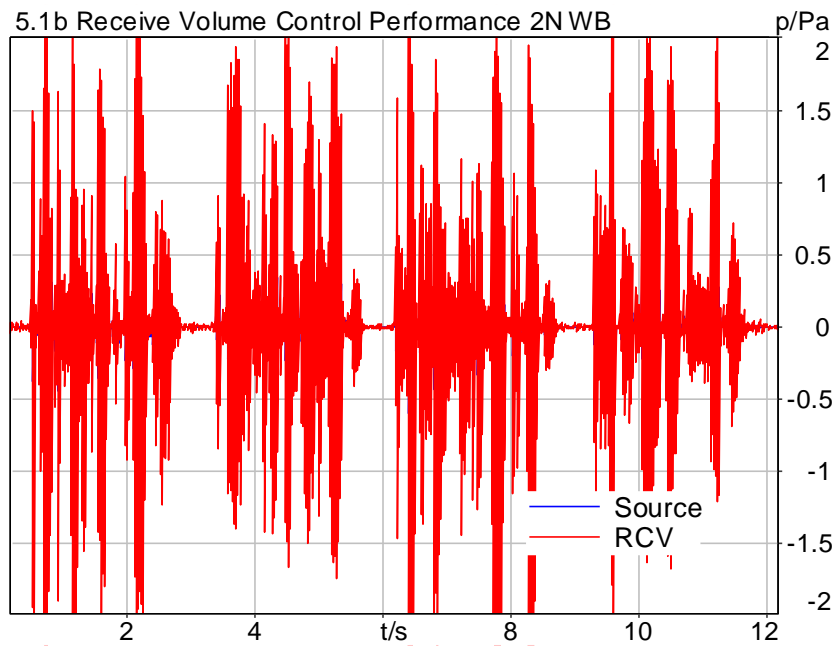
**Limits**

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 87.91 dB[SPL], Act.: 33.85% Ok

Ok

2023/10/21 下午 07:22 ACQUA 5.1.200

Limits

	lower
Run 1	76.00 dB20uPa



**#38 NR n77 EVS WB 5.9Kbps**

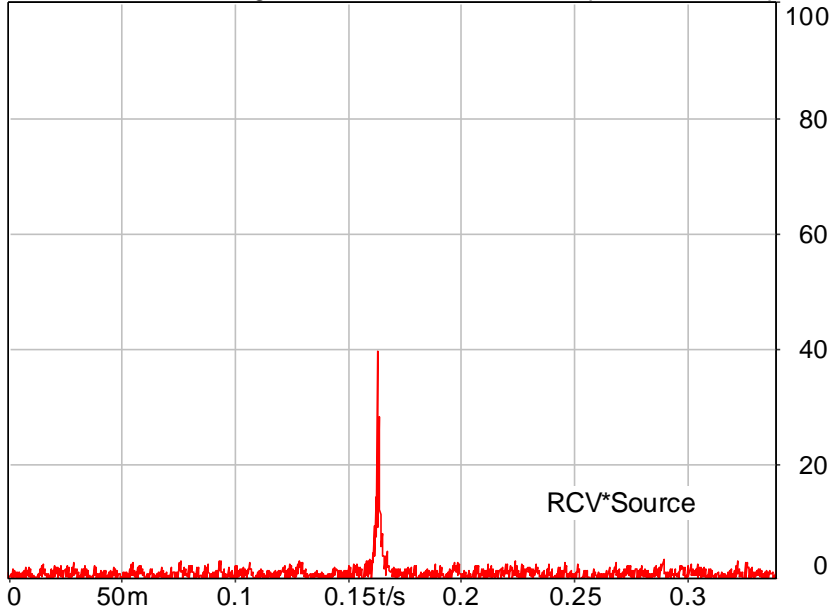
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	163.4
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	89.48
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.34



### Overall Receive Delay WB

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

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



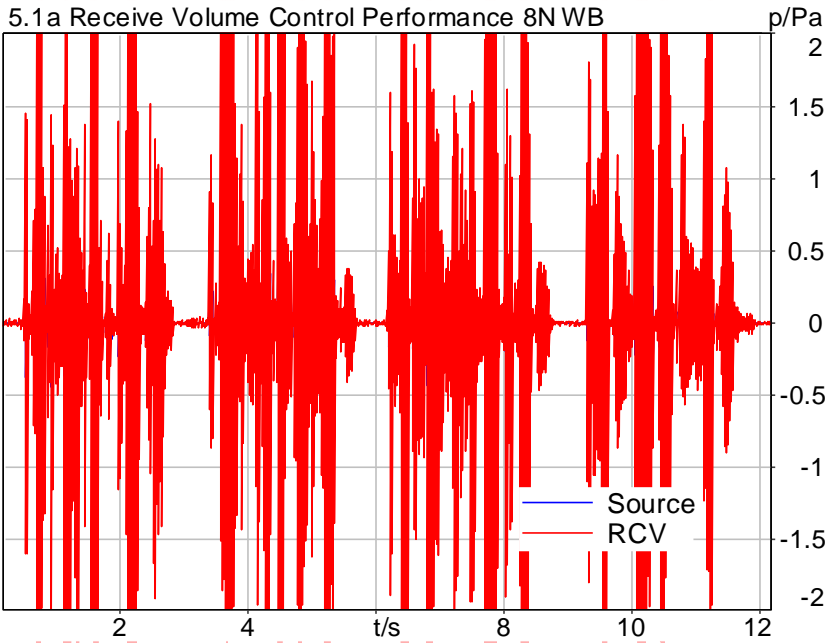
Delay (Cross): 163.4 ms

2023/10/21 下午 04:57 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 89.48 dB[SPL], Act.: 57.40% Ok

Ok

2023/10/21 下午 04:57 ACQUA 5.1.200

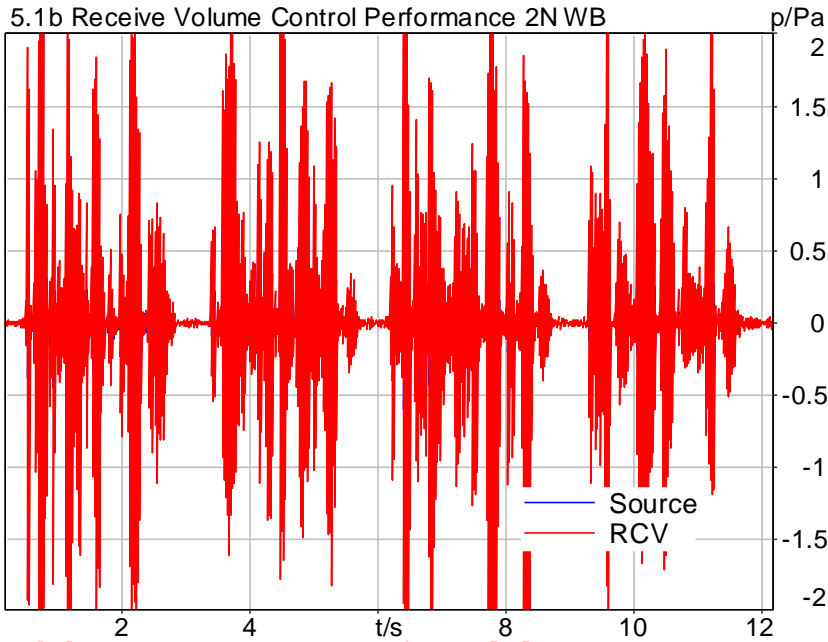
**Limits**

	<b>lower</b>
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 87.34 dB[SPL], Act.: 36.72% Ok

Ok

2023/10/21 下午 04:58 ACQUA 5.1.200

Limits

	lower
Run 1	76.00 dB20uPa





**#39 WiFi 2.4GHz AMR NB 4.75Kbps**

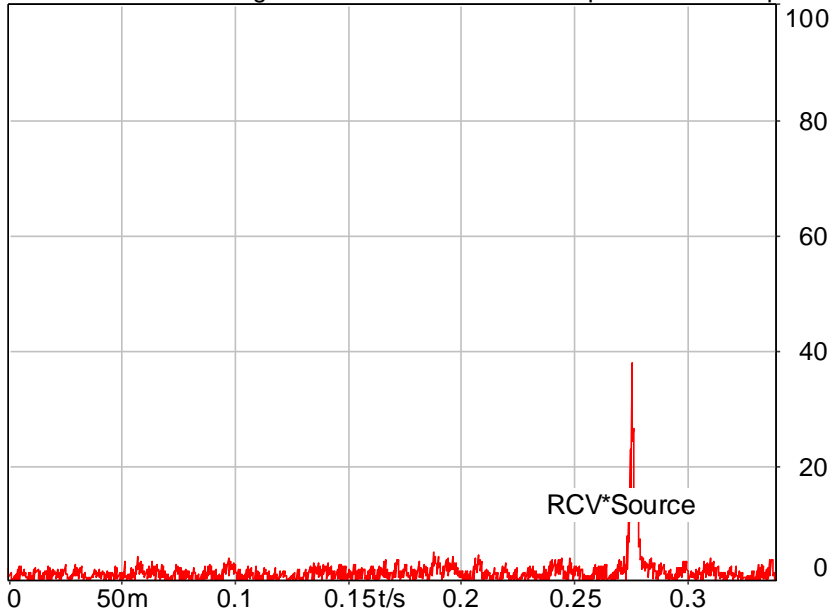
SMD	Status	Single Value Description	Single Value
Overall Receive Delay NB	Done	Delay (Cross) [ms]	275.9
5.1a Receive Volume Control Performance 8N NB	Ok	Speech Level [dB[SPL]]	89.43
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	87.19



### Overall Receive Delay NB

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

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



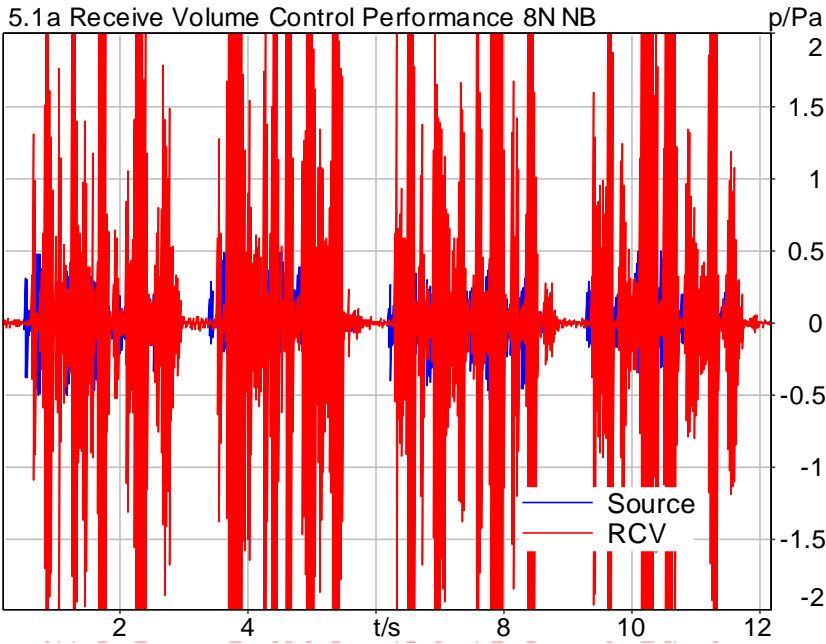
Delay (Cross): 275.9 ms

2023/10/30 下午 09:43 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N NB

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



Speech Level RCV: 89.43 dB[SPL], Act.: 61.26% Ok

Ok

2023/10/30 下午 09:43 ACQUA 5.1.200

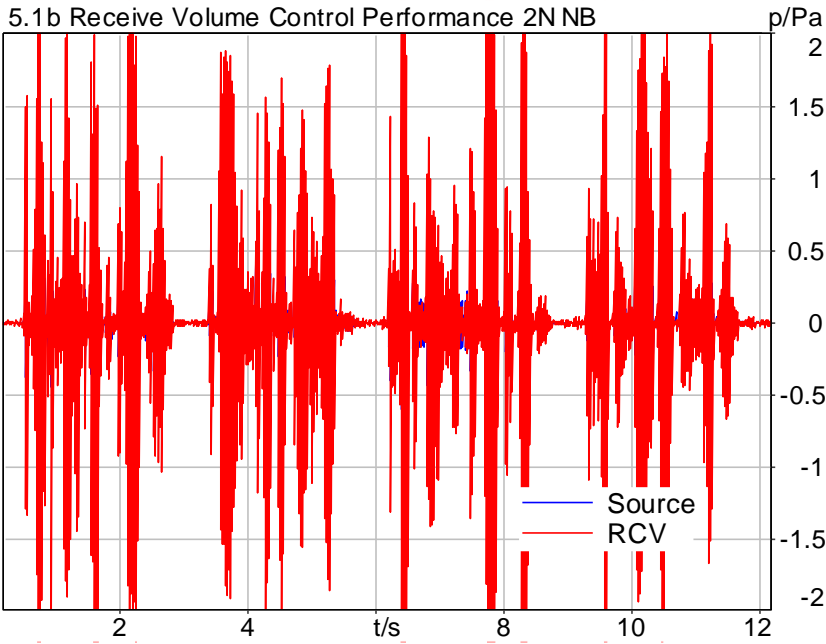
**Limits**

	<b>lower</b>
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N NB

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



Speech Level RCV: 87.19 dB[SPL], Act.: 38.19% Ok

Ok

2023/10/30 下午 09:44 ACQUA 5.1.200

**Limits**

	lower
Run 1	76.00 dB20uPa



**#40 WiFi 5.2GHz EVS WB 24.4Kbps**

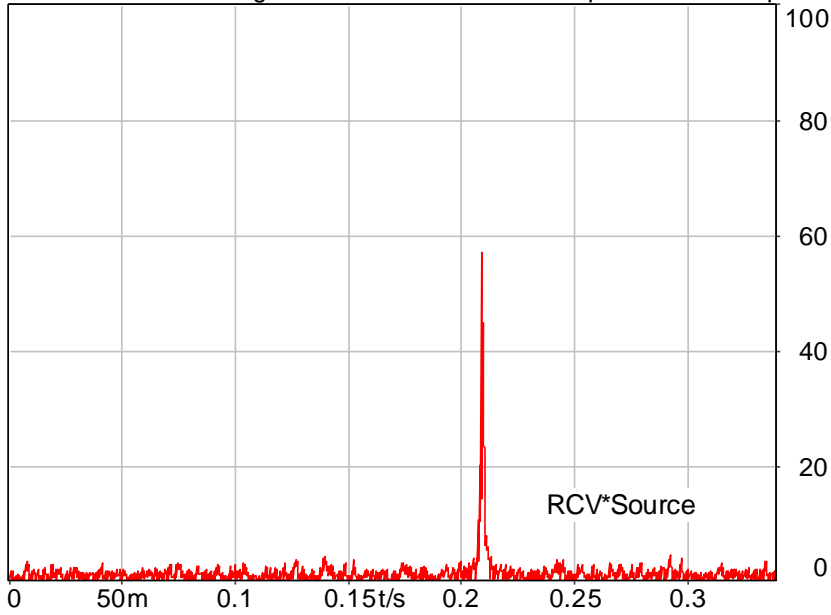
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	209.4
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	90.54
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.22



### Overall Receive Delay WB

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

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



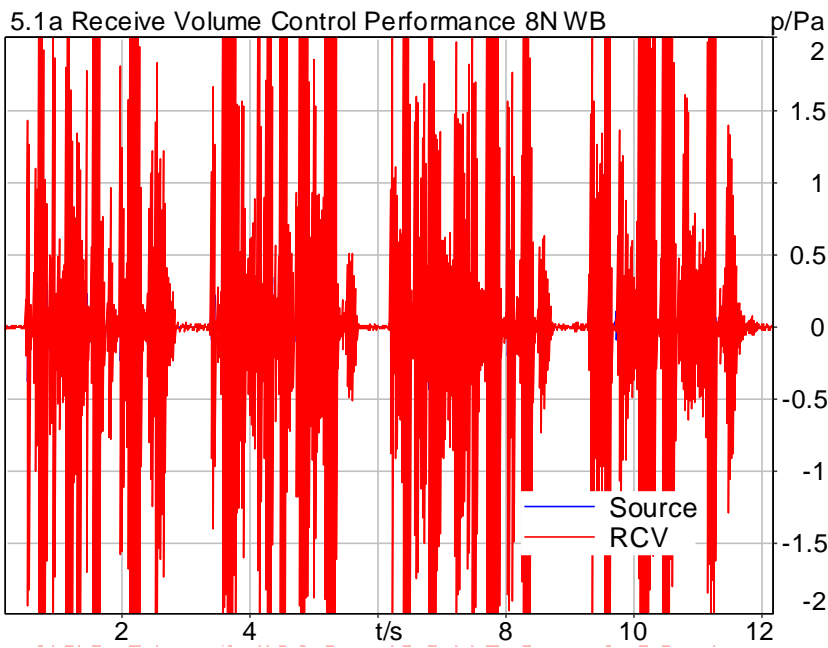
Delay (Cross): 209.4 ms

2023/11/1 上午 01:34 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 90.54 dB[SPL], Act.: 61.98% Ok

Ok

2023/11/1 上午 01:35 ACQUA 5.1.200

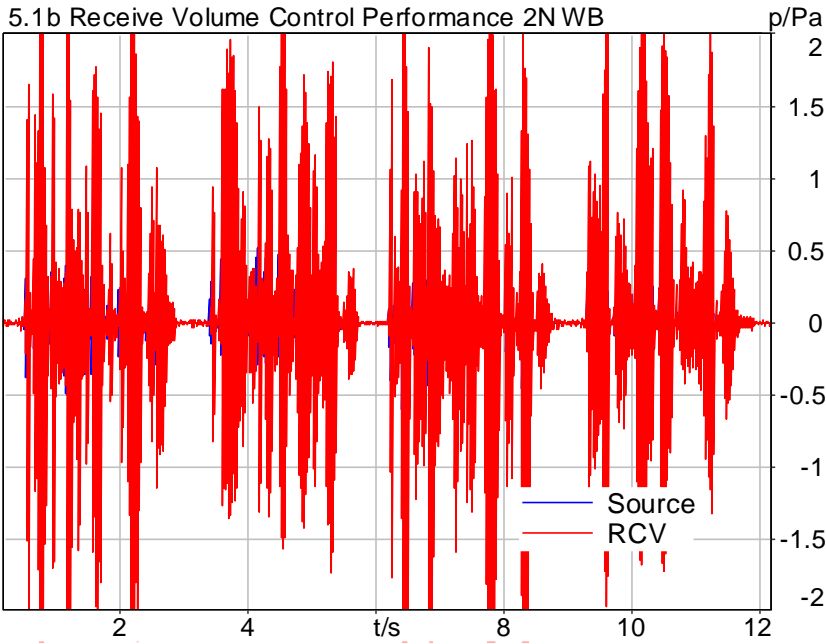
Limits

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 87.22 dB[SPL], Act.: 43.35% Ok

Ok

2023/11/1 上午 02:01 ACQUA 5.1.200

**Limits**

	lower
Run 1	76.00 dB20uPa





**#41 WiFi 5.3GHz AMR WB 6.6Kbps**

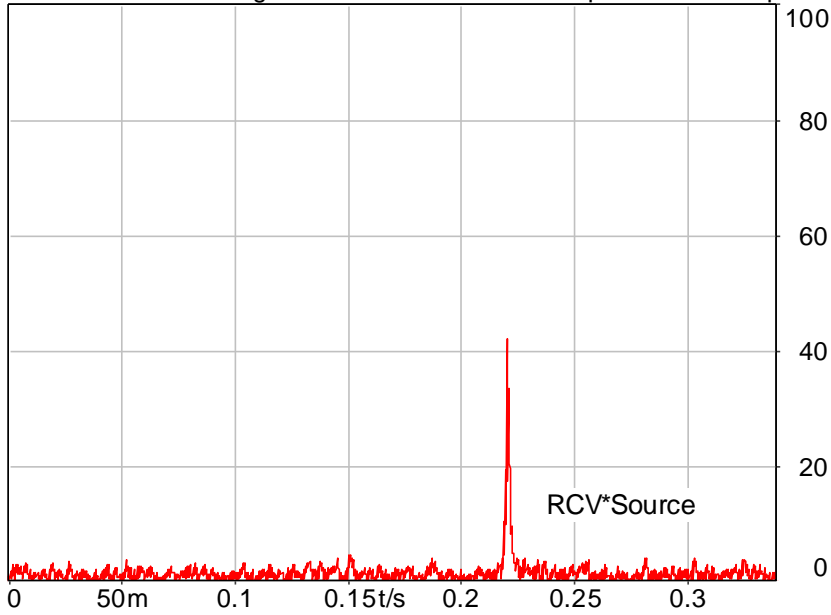
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	220.6
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	89.89
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.39



### Overall Receive Delay WB

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

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



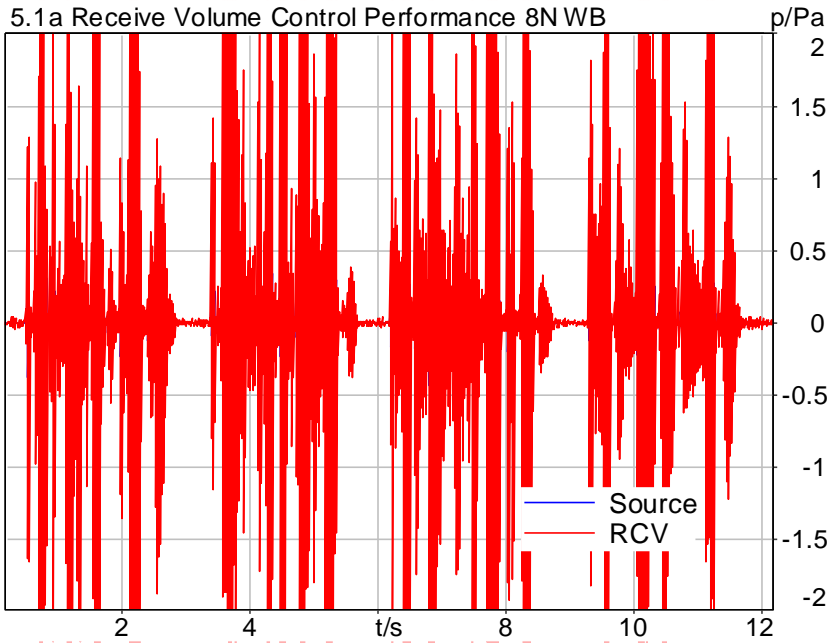
Delay (Cross): 220.6 ms

2023/10/30 下午 11:55 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 89.89 dB[SPL], Act.: 57.75% Ok

Ok

2023/10/30 下午 11:56 ACQUA 5.1.200

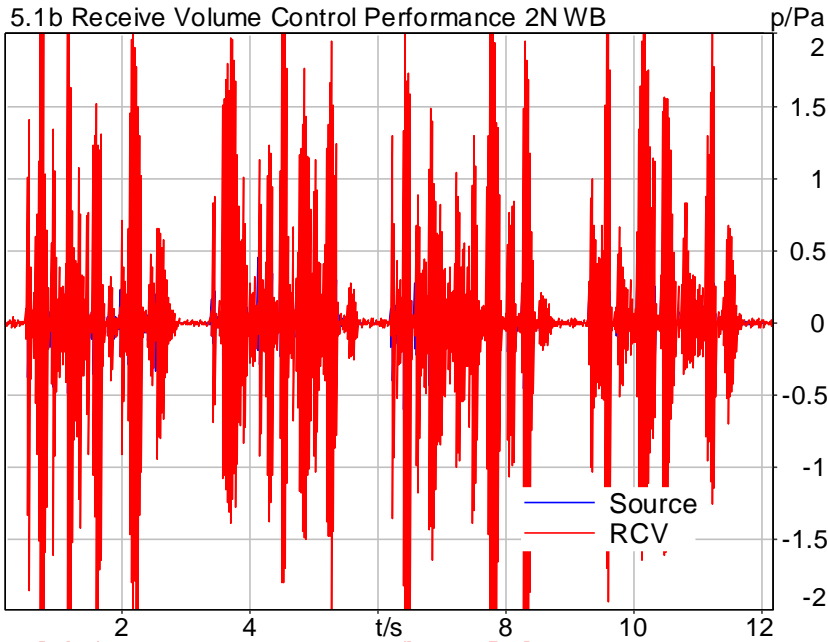
**Limits**

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 87.39 dB[SPL], Act.: 34.35% Ok

Ok

2023/10/30 下午 11:56 ACQUA 5.1.200

**Limits**

	lower
Run 1	76.00 dB20uPa



**#42 WiFi 5.5GHz EVS WB 24.4Kbps**

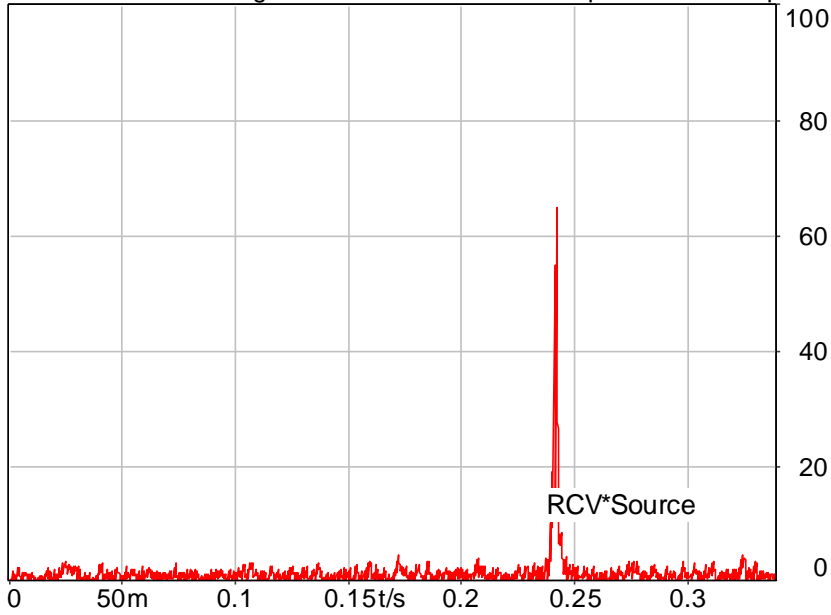
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	241.9
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	90.16
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.35



### Overall Receive Delay WB

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

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



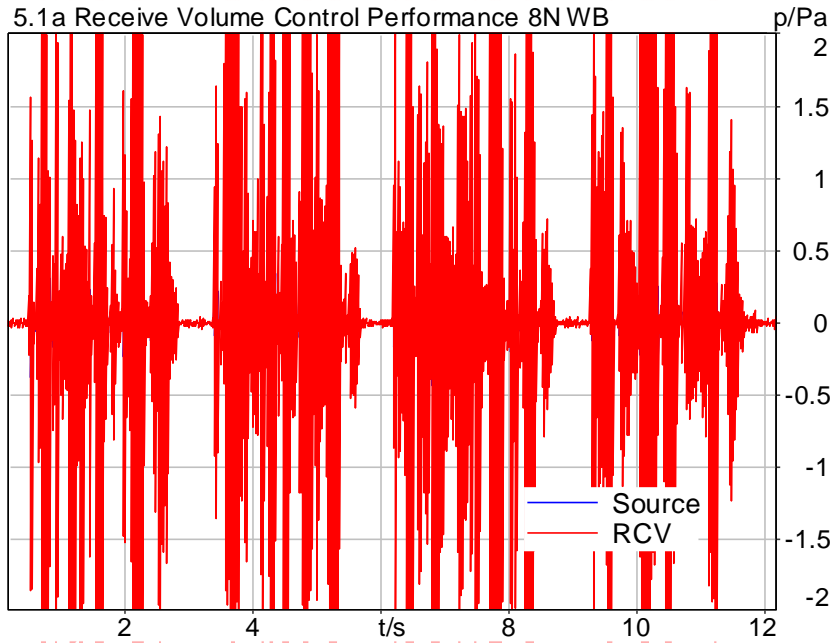
Delay (Cross): 241.9 ms

2023/11/1 下午 11:48 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 90.16 dB[SPL], Act.: 61.48% Ok

Ok

2023/11/1 下午 11:49 ACQUA 5.1.200

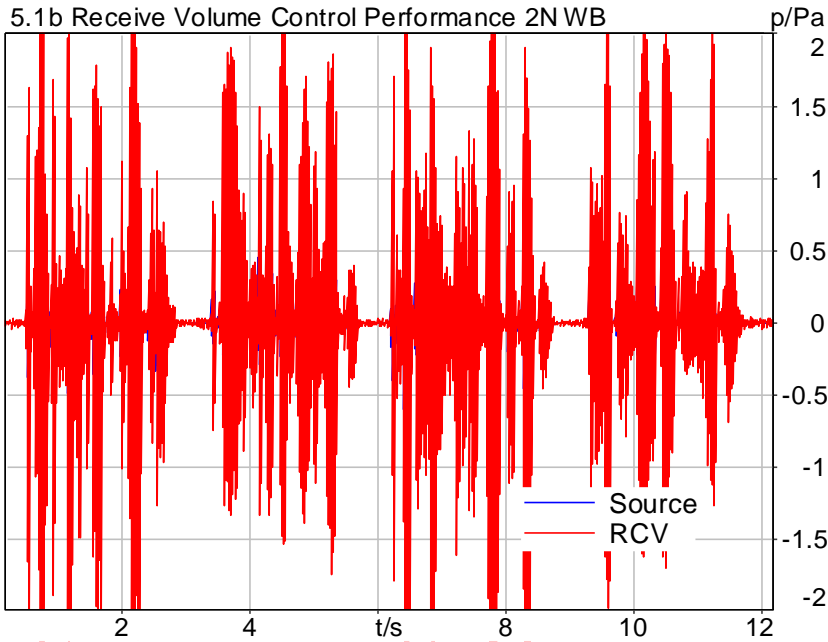
**Limits**

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 87.35 dB[SPL], Act.: 42.19% Ok

Ok

2023/11/1 下午 11:58 ACQUA 5.1.200

#### Limits

	lower
Run 1	76.00 dB20uPa





**#43 WiFi 5.8GHz EVS WB 24.4Kbps**

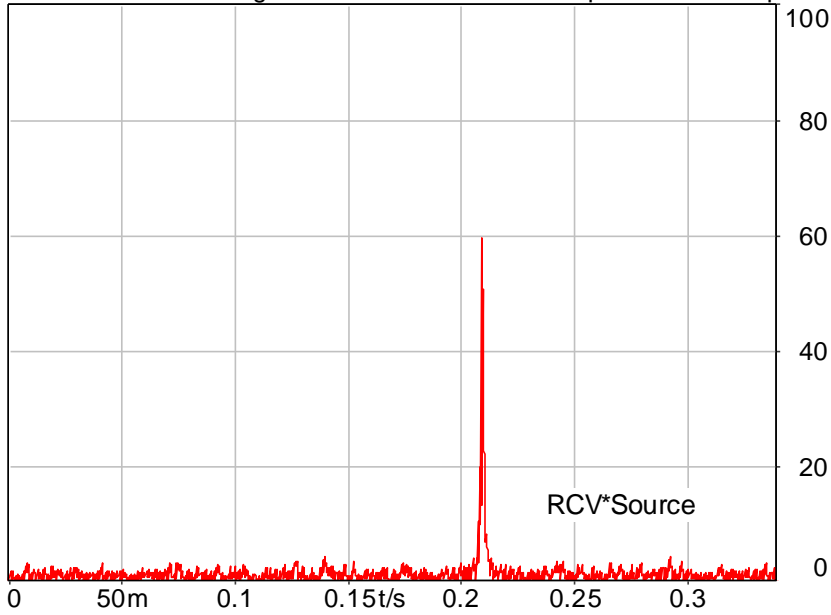
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	209.4
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	90.13
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	87.75



### Overall Receive Delay WB

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

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



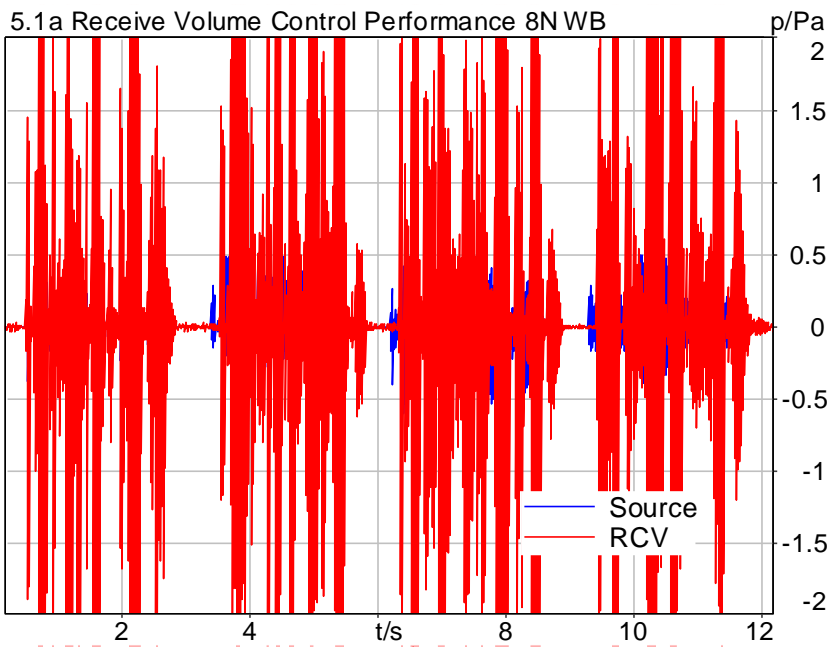
Delay (Cross): 209.4 ms

2023/11/2 上午 12:10 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 90.13 dB[SPL], Act.: 61.45% Ok

Ok

2023/11/2 上午 12:10 ACQUA 5.1.200

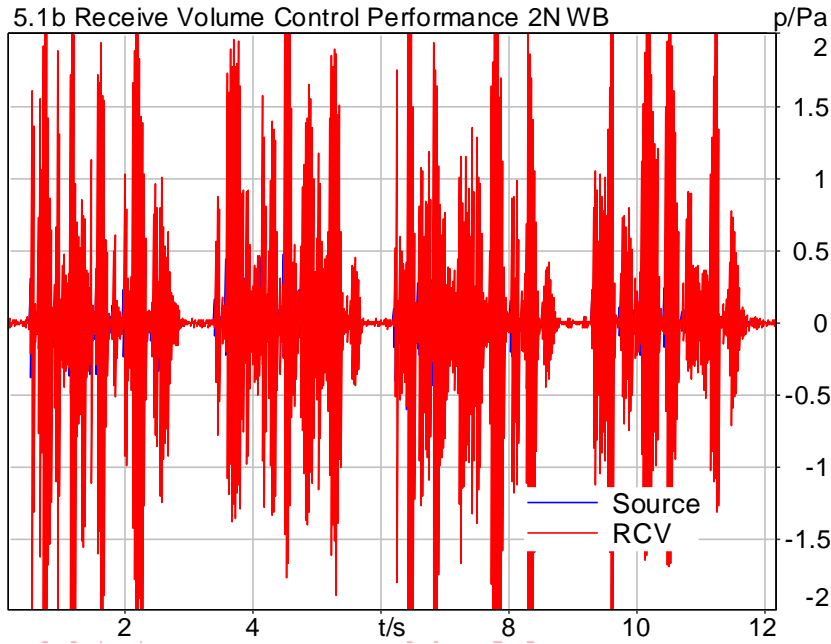
**Limits**

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 87.75 dB[SPL], Act.: 38.04% Ok

Ok

2023/11/2 上午 12:19 ACQUA 5.1.200

Limits

	lower
Run 1	76.00 dB20uPa



**#44 WiFi 5.9GHz EVS WB 24.4Kbps**

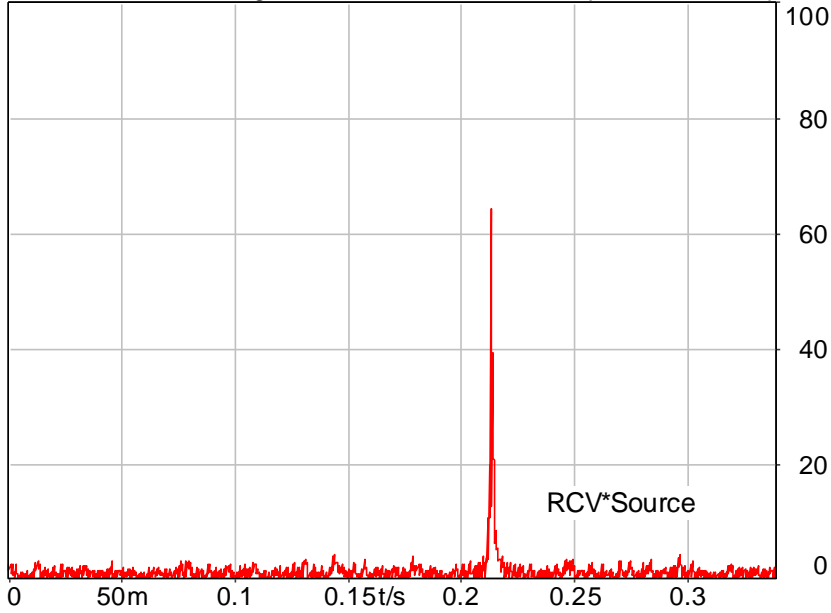
SMD	Status	Single Value Description	Single Value
Overall Receive Delay WB	Done	Delay (Cross) [ms]	213.9
5.1a Receive Volume Control Performance 8N WB	Ok	Speech Level [dB[SPL]]	90.29
5.1b Receive Volume Control Performance 2N WB	Ok	Speech Level [dB[SPL]]	88.19



### Overall Receive Delay WB

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

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



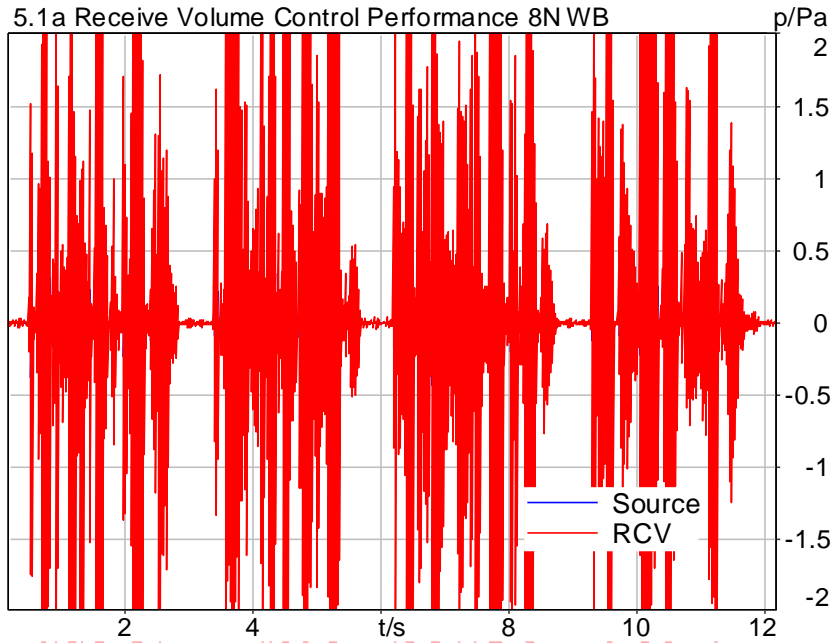
Delay (Cross): 213.9 ms

2023/11/2 上午 01:09 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N WB

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



Speech Level RCV: 90.29 dB[SPL], Act.: 59.69% Ok

Ok

2023/11/2 上午 01:10 ACQUA 5.1.200

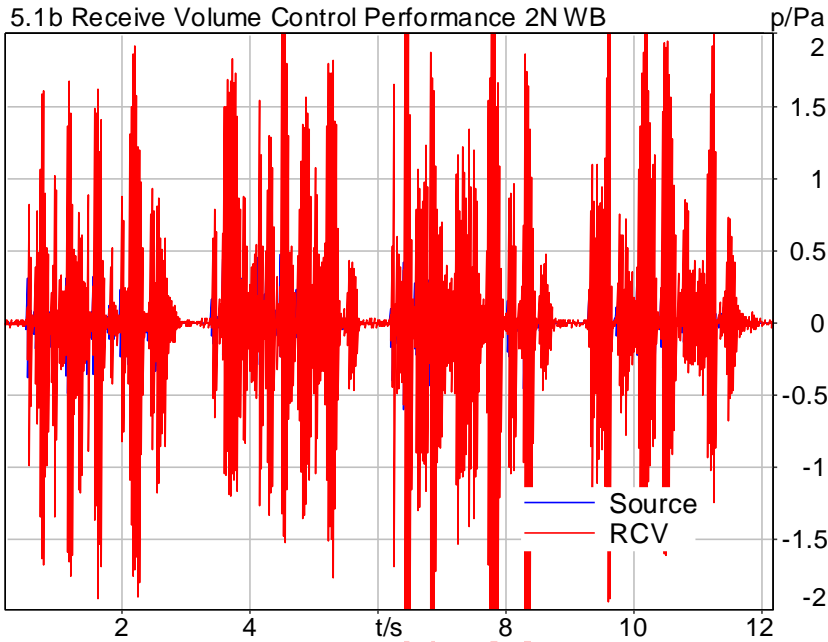
Limits

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N WB

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



Speech Level RCV: 88.19 dB[SPL], Act.: 26.73% Ok

Ok

2023/11/2 上午 01:20 ACQUA 5.1.200

Limits

	lower
Run 1	76.00 dB20uPa





**#45 WiFi 6GHz EVS NB 24.4Kbps**

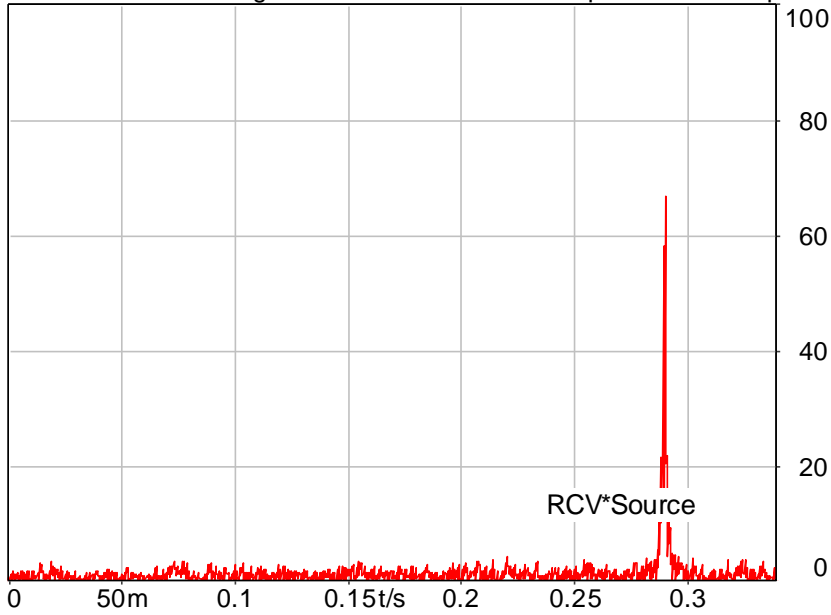
SMD	Status	Single Value Description	Single Value
Overall Receive Delay NB	Done	Delay (Cross) [ms]	290.0
5.1a Receive Volume Control Performance 8N NB	Ok	Speech Level [dB[SPL]]	90.19
5.1b Receive Volume Control Performance 2N NB	Ok	Speech Level [dB[SPL]]	88.50



### Overall Receive Delay NB

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

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



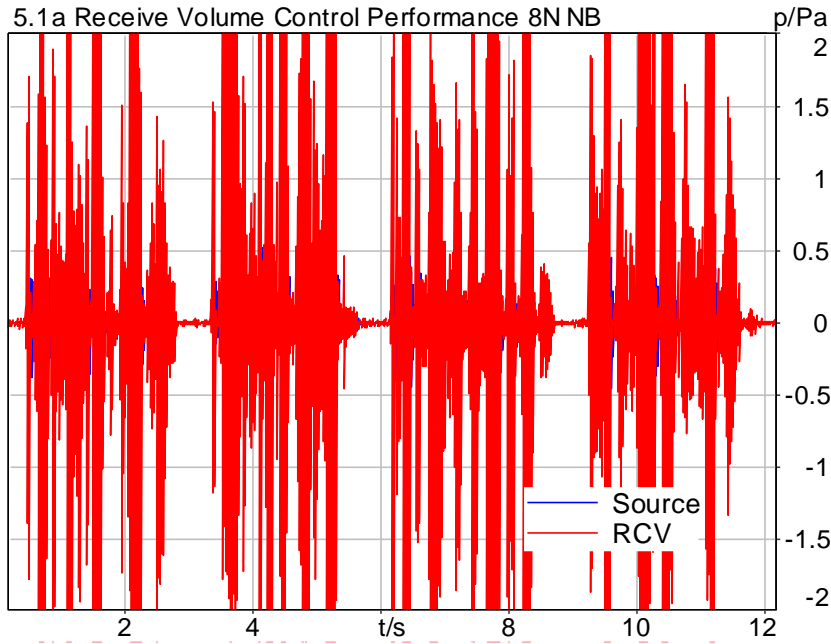
Delay (Cross): 290.0 ms

2023/11/2 上午 02:02 ACQUA 5.1.200



### 5.1a Receive Volume Control Performance 8N NB

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



Speech Level RCV: 90.19 dB[SPL], Act.: 56.44% Ok

Ok

2023/11/2 上午 02:03 ACQUA 5.1.200

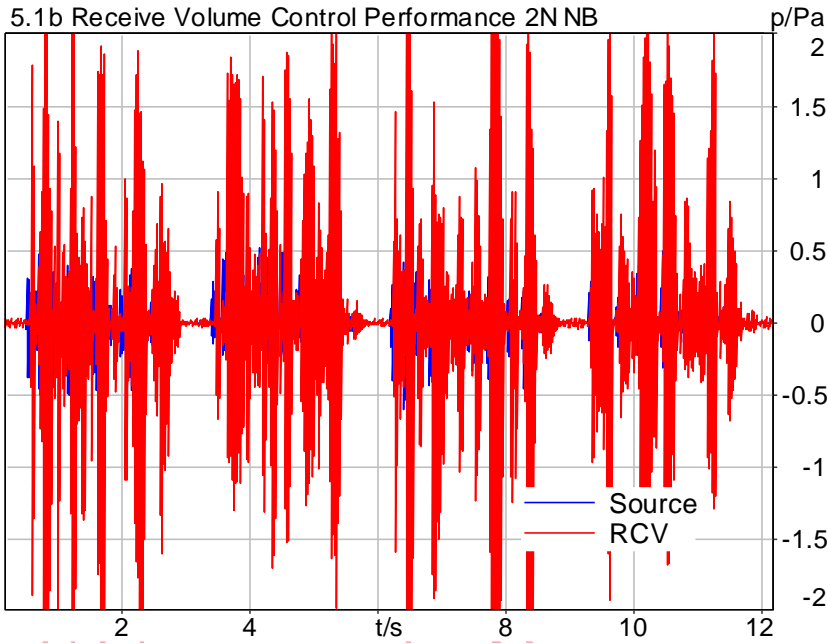
Limits

	lower
Run 1	88.00 dB20uPa



### 5.1b Receive Volume Control Performance 2N NB

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



Speech Level RCV: 88.50 dB[SPL], Act.: 28.40% Ok

**Ok**

2023/11/2 上午 02:12 ACQUA 5.1.200

**Limits**

	<b>lower</b>
Run 1	76.00 dB20uPa