UNO

SONY VERTICAL FET

CLASS A

HIGH LEVEL PREAMPLIFIER

MINIMALIST DESIGN

PRECISION DUAL MONO

AGUSTIN SEIJAS LAB. COM

UNO

TECHNICAL DATA

FREQUENCY RESPONSE: 5HZ TO 200KHZ - 3 dB

T.H.D.: 0.1% (REF.: 3 VOLTS R.M.S. / 1 KHZ.)

I.M.D.: 0.25% MAX. (REF.: 3 VOLTS R.M.S.) SMPTE

D.I.M. (I.M.D.): 0.03% MAX. (REF.: 3 VOLTS R.M.S.)

MAXIMUM OUTPUT: 10 VOLTS (R.M.S. / 100K LOAD)

RISE TIME: 1 uS MAX. (REF.: 3 VOLTS / 10KHZ)

GAIN: 12.75 dB (+/- 0.25 dB)

PHASE SHIFT: ZERO (+/- 5 DEGREE)

PHASE: ABSOLUTE

INPUT IMPEDANCE: 9,000 OHM (1KHZ REF.)

OUTPUT IMPEDANCE: 900 OHM (1KHZ REF.)

OUTPUT NOISE: 100 uV (MAX.)

AUDIO ACTIVE DEVICES: SONY K173 (VERTICAL-FET)

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TECHNICAL REPORT

FREQUENCY RESPONSE

T.H.D.

I.M.D.

PHASE

GAIN

OUTPUT NOISE (22HZ TO 22KHZ)

OUTPUT NOISE (400HZ TO 22KHZ)

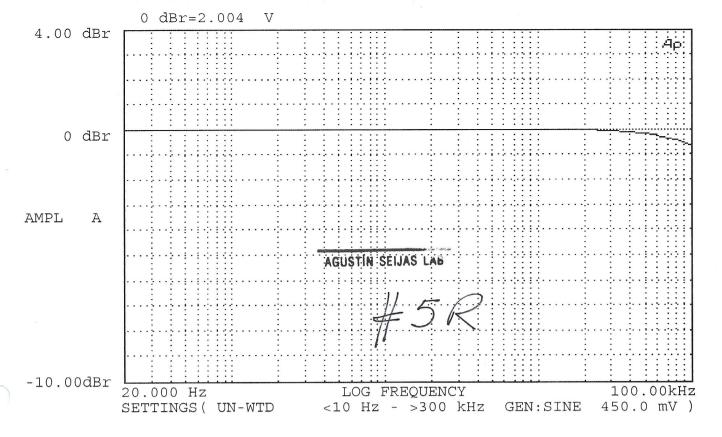
MEASUREMENT INSTRUMENTS:

AUDIO PRECISION SYSTEM ONE PLUS

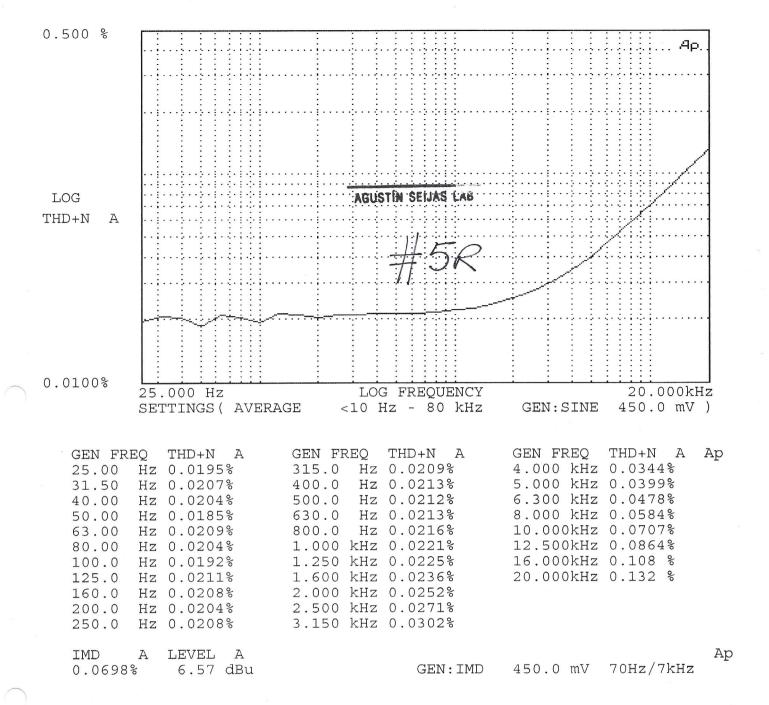
LECROY WAVERUNNER 500 MHZ / 10 GS DSO

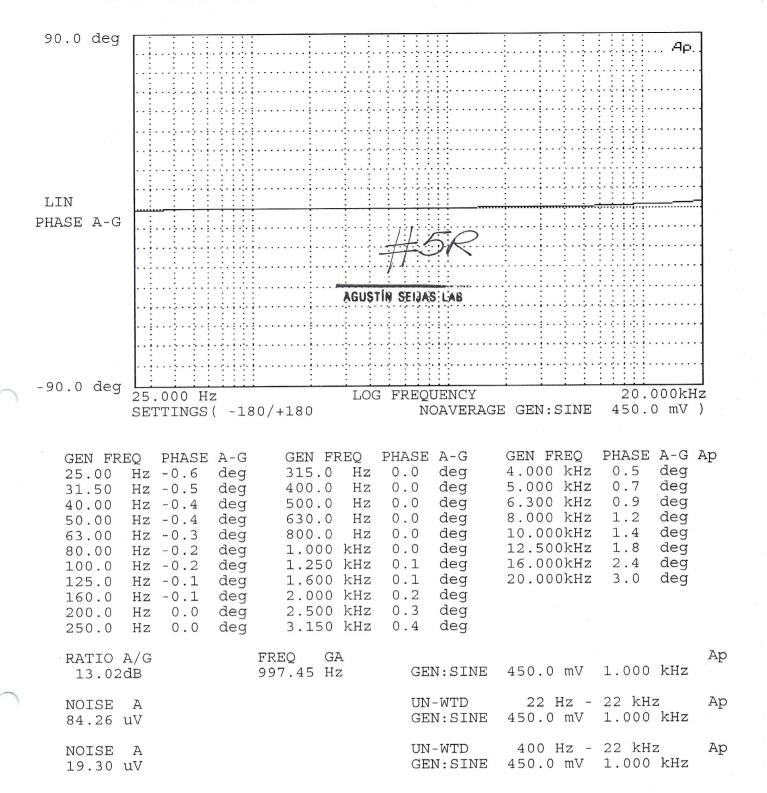
STANFORD RESEARCH SR770 FFT ANALYZER

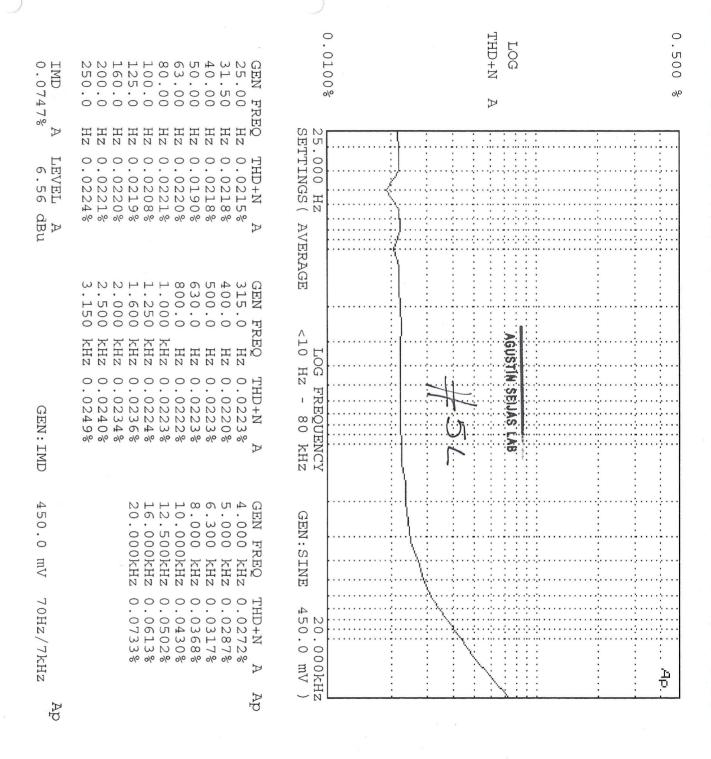
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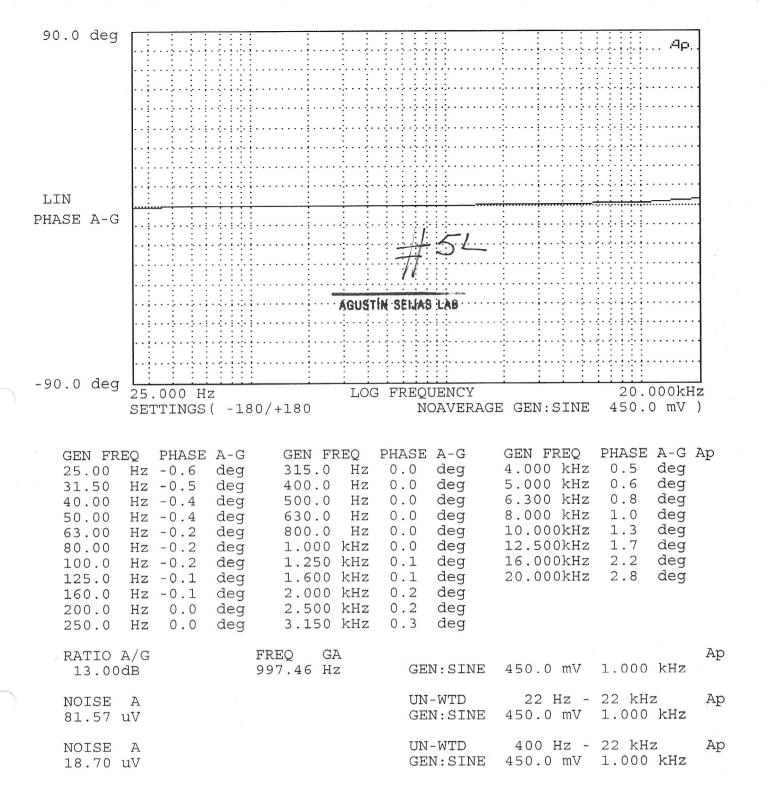


GEN FRI		AMPL	A	GEN		learner and the second	AMPL	A	GEN FREQ		A	Ар
20.00		-0.01		382		Hz	0.00	dBr	7.330 kHz			
22.40		-0.01		428		Hz	0.00	dBr	8.212 kHz			
25.09	Hz	-0.01	dBr	480		Ηz	0.00	dBr	9.199 kHz			
28.11	Hz	-0.01	dBr	538	. 2	Hz	0.00		10.305kHz			
31.49	Hz	-0.01	dBr	603		Hz	0.00	dBr	11.544kHz			
35.28	Hz	0.00	dBr	675	. 5	Hz	0.00		12.933kHz			
39.52	Hz	0.00	dBr	756	. 7	Hz	0.00		14.488kHz			
44.27	Hz	0.00	dBr	847	. 7	Ηz	0.00	dBr	16.230kHz			
49.60	Hz	0.00	dBr	949	. 6	Hz	0.00	dBr	18.181kHz			
55.56	Hz	0.00	dBr	1.0	63	kHz	0.00	dBr	20.367kHz			
62.24	Hz	0.00	dBr	1.1	91	kHz	0.00	dBr	22.816kHz	-0.03	dBr	
69.73	Hz	0.00	dBr	1.3	35	kHz	0.00	dBr	25.559kHz	-0.04	dBr	
78.11	Hz	0.00	dBr	1.4	95	kHz	0.00	dBr	28.633kHz	-0.06	dBr	
87.51	Hz	0.00	dBr	1.6	75	kHz	0.00	dBr	32.076kHz	-0.07	dBr	
98.03	Hz	0.00	dBr	1.8	76	kHz	0.00	dBr	35.932kHz	-0.09	dBr	
109.8	Hz	0.00	dBr	2.1	02	kHz	0.00	dBr	40.253kHz	-0.11	dBr	
123.0	Hz	0.00	dBr	2.3	55	kHz	0.00	dBr	45.093kHz	-0.15	dBr	
137.8	Hz	0.00	dBr	2.6	38	kHz	0.00	dBr	50.515kHz	-0.19	dBr	
154.3	Ηz	0.00	dBr	2.9	55	kHz	0.00	dBr	56.588kHz	-0.23	dBr	
172.9	Hz	0.00	dBr	3.3	11	kHz	0.00	dBr	63.392kHz	-0.29	dBr	
193.7	Hz	0.00	dBr	3.7	09	kHz	0.00	dBr	71.015kHz	-0.36	dBr	
217.0	Hz	0.00	dBr	4.1	55	kHz	0.00	dBr	79.553kHz	-0.44	dBr	
243.1	Hz	0.00	dBr	4.6	54	kHz	0.00	dBr	89.118kHz	-0.54	dBr	
272.3	Hz	0.00				kHz	0.00	dBr	100.00kHz	-0.65	dBr	
305.1	Hz	0.00				kHz	0.00					
	Hz	0.00				kHz	0 00					









GUARANTEE:

THIS EQUIPMENT IS GUARANTEED AGAINST ANY DEFECT IN MATERIAL OR WORKMANSHIP FOR A PERIOD OF FIVE (5) YEARS FROM DATE OF PURCHASE.

ELECTRON TUBES: ONE (1) YEAR OF GUARANTEE.

SPARE PARTS AVAILABILITY: TEN (10) YEARS.

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NUMBER:	<i>S</i> MO	T	./	 	

DATE:.....

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