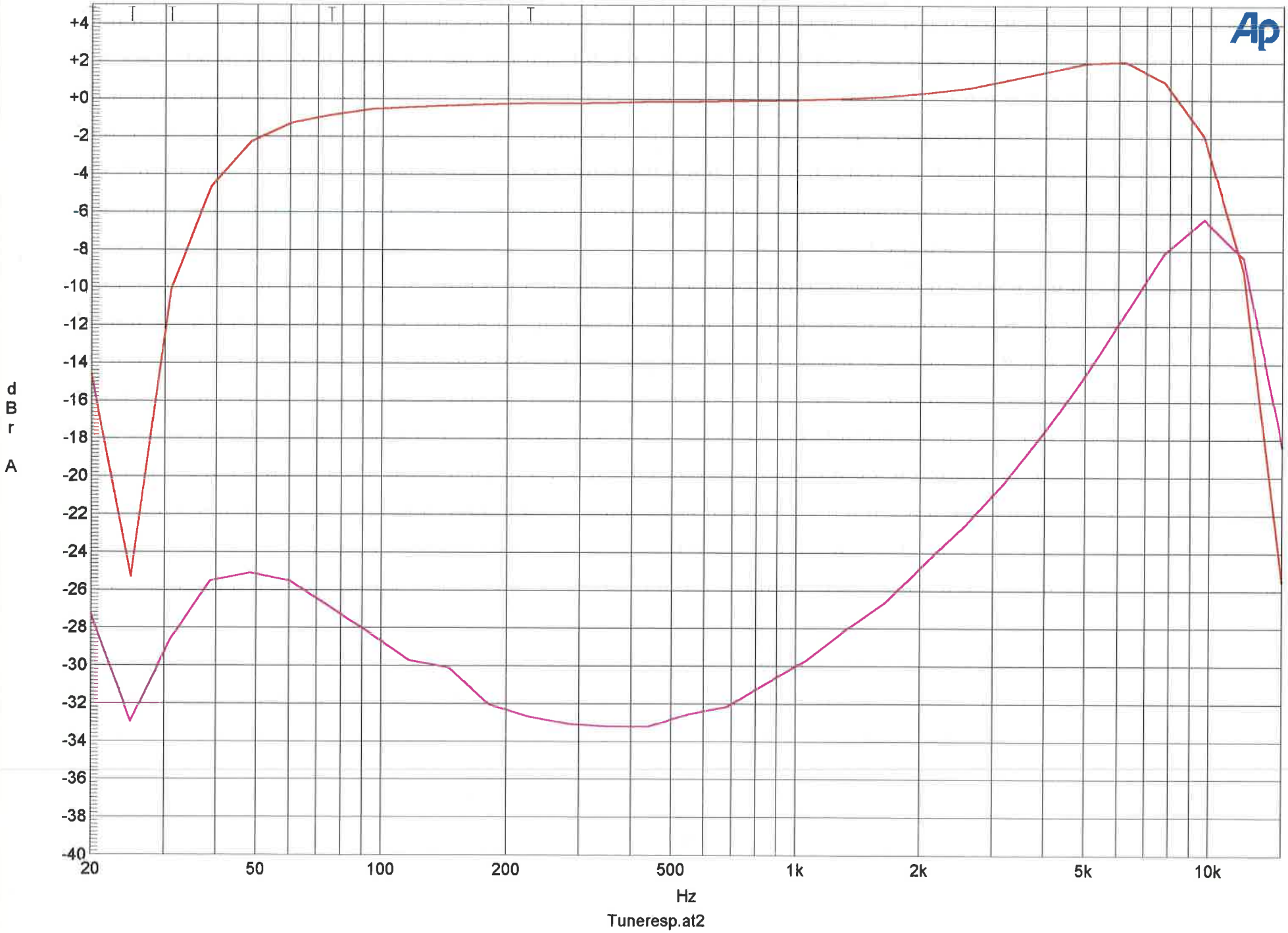
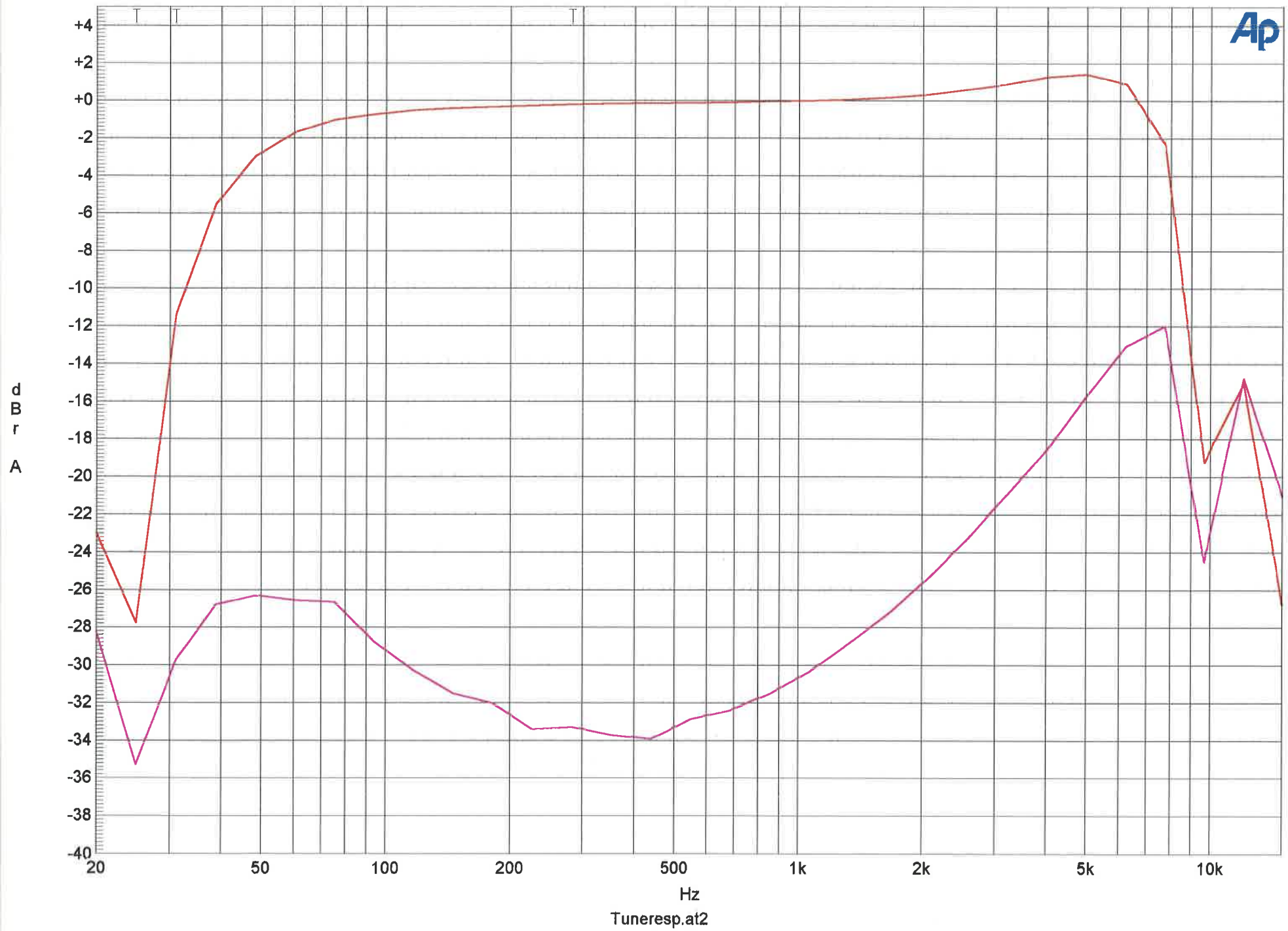
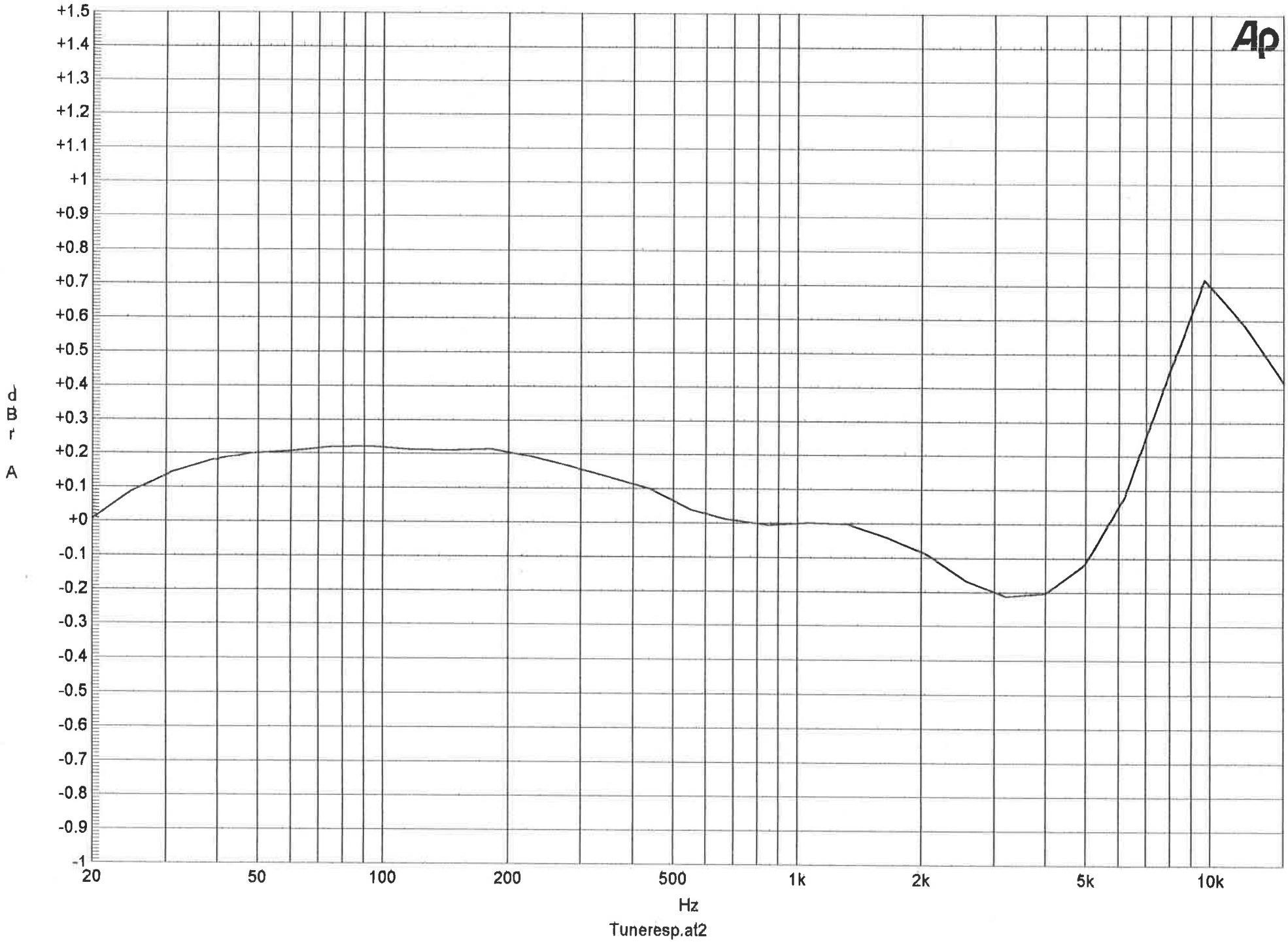
Audio Preci n Denon TU-680NAB Audio Frequency F sponse And Separation (Wide) 05/09/00 23:14



Audio Preci n Denon TU-680NAB Audio Frequency R ponse And Separation (Narrow) 05/09/00 06:30



Audio Precis n Denon TU-680NAB FM Audic requency Response 05/08/00 :10:39

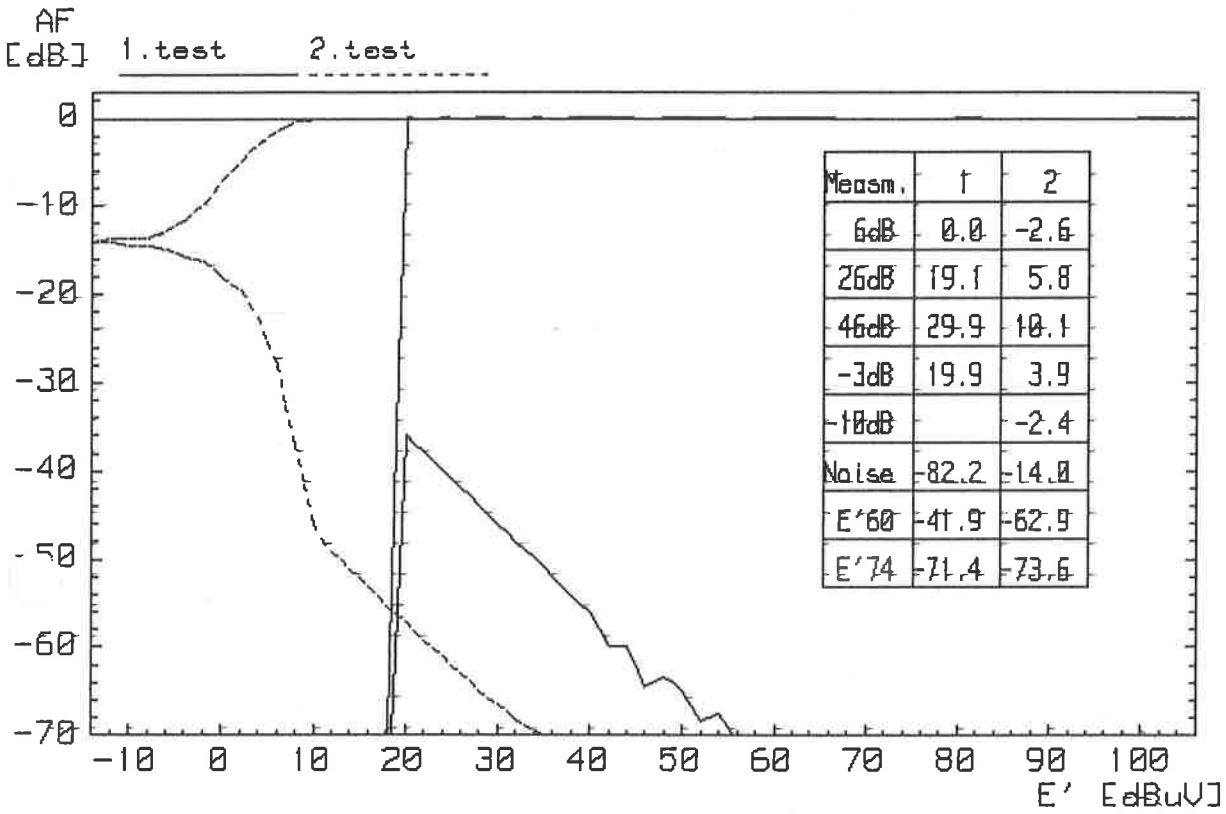


BLAUPUNKT-BROADVIEW BOSCH GRUPPE

tested model: Denon TU-680NAB

tested by : UA/CES /MST 8. 5.00 09:46

SIGNAL TO NOISE VERSUS RF LEVEL



Measm.	1	2
6dB	0.0	-2.6
26dB	19.1	5.8
46dB	29.9	10.1
-3dB	19.9	3.9
-10dB		-2.4
Noise	-82.2	-14.0
E'60	-41.9	-62.9
E'74	-71.4	-73.6

1. test :

RF:98.1MHz, AF:1kHz, FM:67.5kHz,Mes.time:fast, Ref.:.453V,Stereo

2. test :manual setting

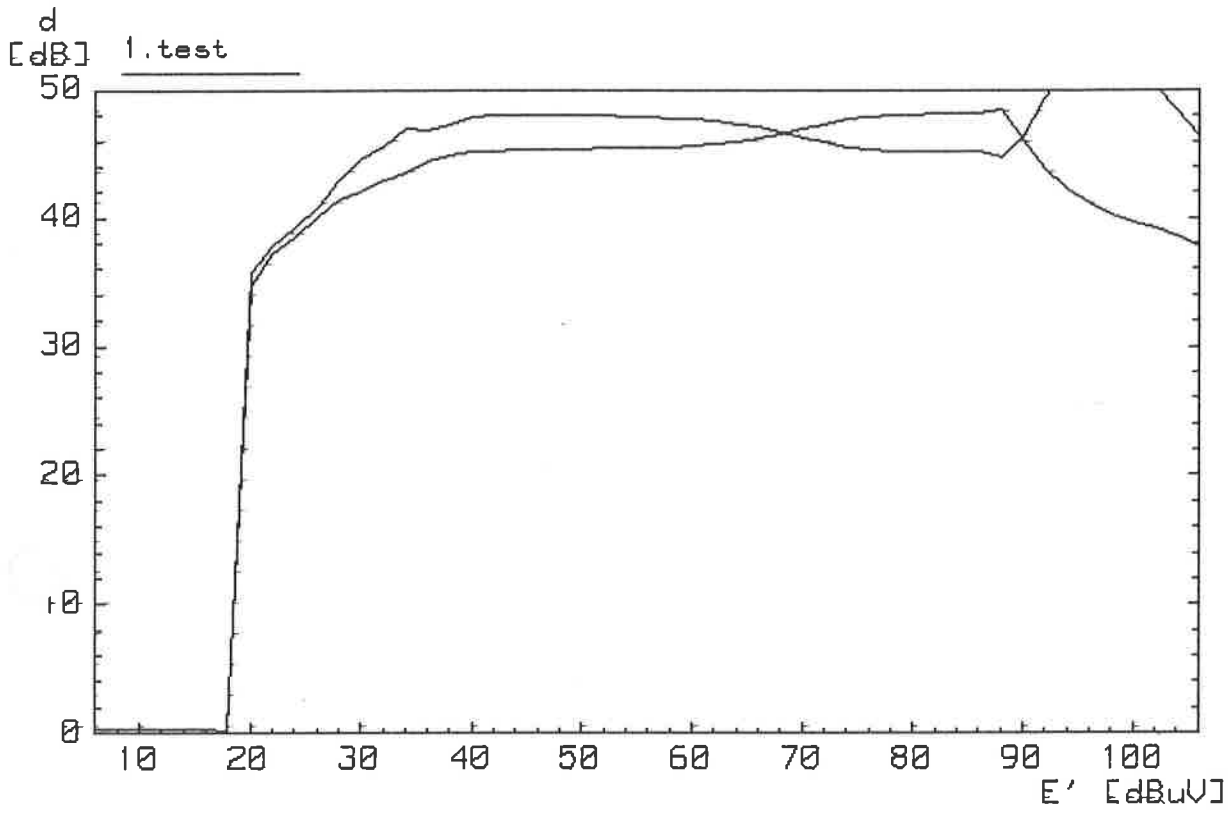
RF:98.1MHz, AF:1kHz, FM:67.5kHz,Mes.time:fast, Ref.:.443V,Stereo

BLAUPUNKT-BROADVIEW BOSCH GRUPPE

tested model: Denon TU-680NAB

tested by : UA/CES /MST 8. 5.00 10:46

CROSSTALK VERSUS RF LEVEL



1. test :

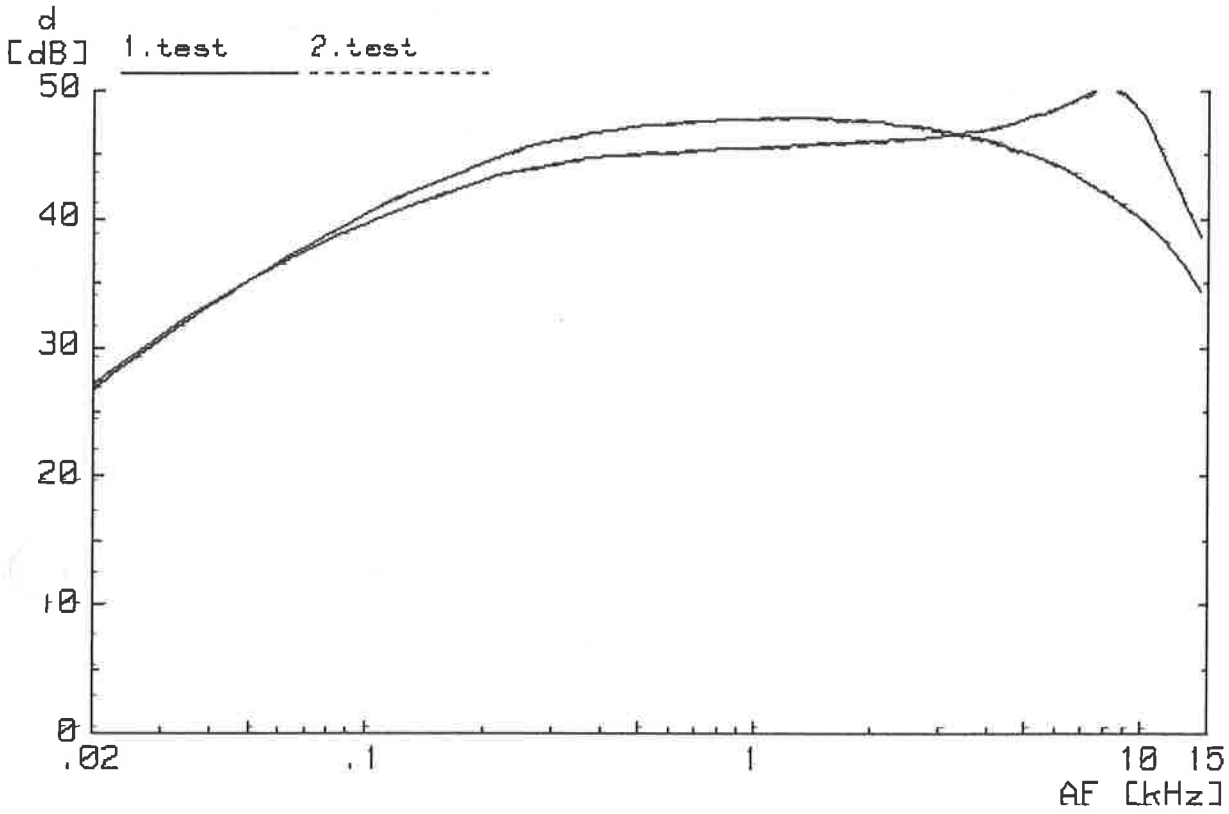
RF:98.1MHz, AF:1kHz, Dev:75kHz + Pilot w.out VRF-Signal, Mes.time:fast, Ref.:.4432V

BLAUPUNKT-BROADVIEW BOSCH GRUPPE

tested model: Denon TU-680NAB

tested by : UA/CES /MST 8. 5.00 10:53

STEREO. CROSSTALK VERSUS AUDIO FREQUENCY



1. test :filter=out
RF:98.1MHz, AF:1kHz, Dev:75kHz, Pilot,VRF:w.out, E': 60dBuV, Ref.:.34V

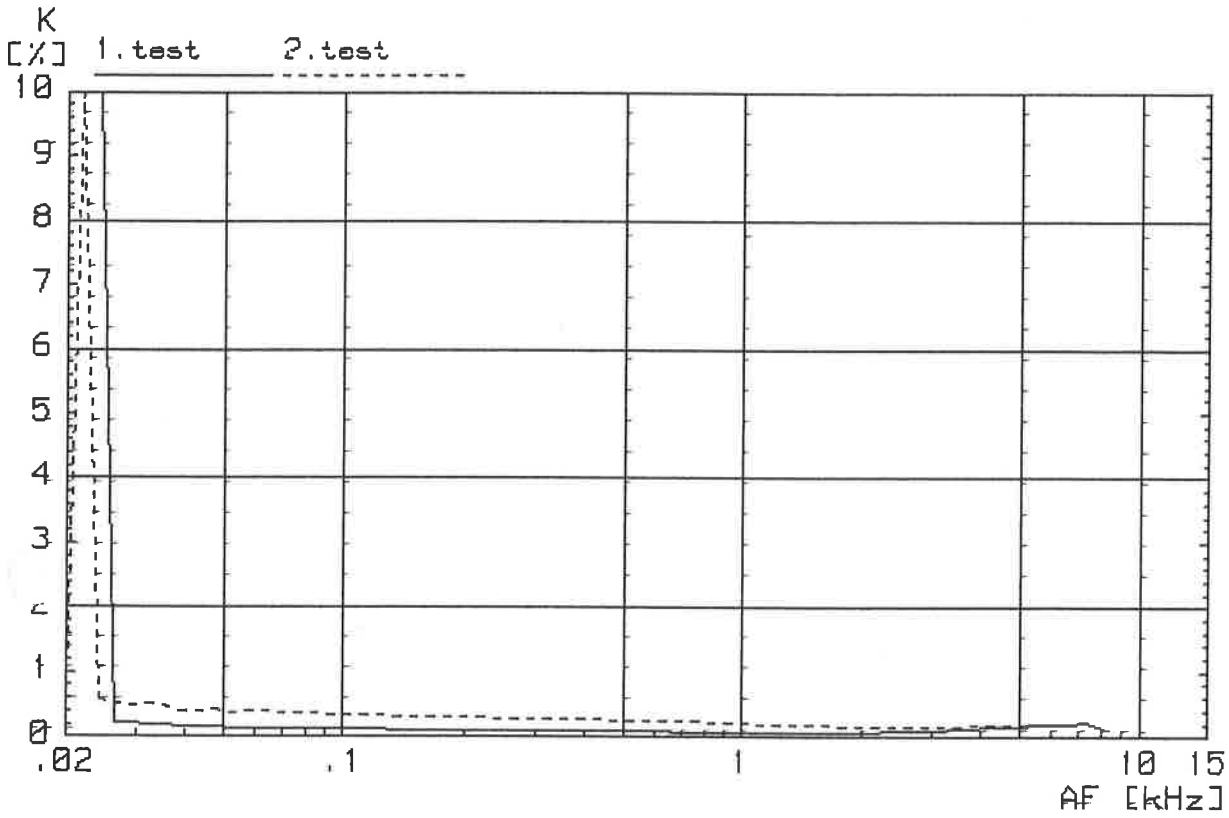
2. test :filter=on
RF:98.1MHz, AF:1kHz, Dev:75kHz, Pilot,VRF:w.out, E': 60dBuV, Ref.:.34V

BLAUPUNKT-BROADVIEW BOSCH GRUPPE

tested model: Denon TU-680NAB

tested by : UA/CES /MST 8. 5.00 11:02

DISTORTION f(AF) MONO/STEREO



1. test :mono

RF:98.1MHz/60dBuV, AF:1kHz, Dev:75kHz, Distortion:WIDE-B., Ref.:.5091V

2. test :stereo

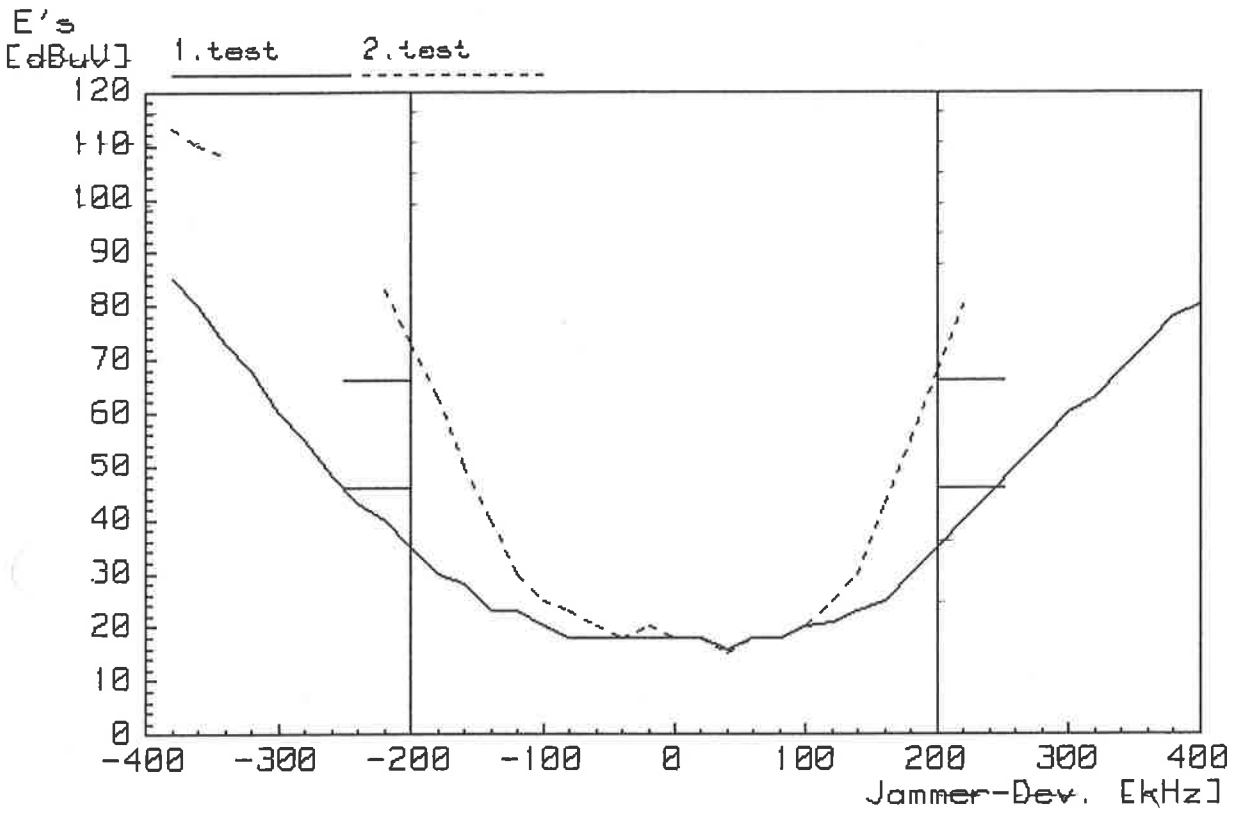
RF:98.1MHz/60dBuV, AF:1kHz, Dev:75kHz, Pilot, Distortion:WIDE-B., Ref.:.4536V

BLAUPUNKT-BROADVIEW BOSCH GRUPPE

tested model: Denon TU-680NAB

tested by : UA/CES /MST 8. 5.00 11:19

2-TRANSMITTER-SELECTION



1. test :Wide IF
RF:98.1MHz, AF:1kHz, Dev:22.5kHz, E':26dBuV, Refrc:.153V, a:-26dB, Mes.time:QUICK

2. test :narrow IF
RF:98.1MHz, AF:1kHz, Dev:22.5kHz, E':26dBuV, Refrc:.143V, a:-26dB, Mes.time:QUICK

FM Characteristics (IEEE)

Radio Model DENON TU-680NAB

Current (Perm.) w/Volume = Down _____ mA, w/Ignition = Off _____ mA
Sensitivity (mono)(3% THD): 20 dBf
Sensitivity (stereo)(3% THD/6 db sep): 22.8 dBf Stereo Threshold(20 dB): _____ dBf
50 dB Quieting (mono): 51.1 dBf
50 dB Quieting (stereo): 41.4 dBf)
Distortion (mono): .078 %
Distortion (stereo): .04 %
S/N (mono)(rel -3dB clipping): 81 dB
S/N (stereo(rel -3 dB clipping): 72 dB
Multiplex Residual Noise: 72 dB
Frequency Response, 30-15kHz, +/- 0.45dB
Stereo Separation: 35.5 dB
Selectivity (Adjacent): 11 / 12 dB
Selectivity (Alternate): 45 / 71 dB
Capture Ratio (dB): 0.5 / 3 dB
AM Suppression (dB): 50 dB
Power Output (1% THD): _____ / _____ Watts Power Output (max): _____ / _____ Watts
Preamp (30% Dev. @ 1kHz): _____ / _____ mV Preamp (CD/1% THD): _____ / _____ Volts
Preamp (75kHz): .56 / .56 Volts
Turn-On Transients: _____ P-P Volts, _____ Seconds

AM Characteristics (IHFM)

Sensitivity (10% THD): 219 uV
50 dB Quieting: _____ uV
Frequency Response (NRSC): 40-10KHZ +/- 3Db
S/N: 48 dB
Distortion (90%): 4.0 %

Cassette Characteristics (EIA)

Freq. Resp. (31 - 18 kHz), +/-: F _____ /R _____ dB
Distortion: _____ %
Speed Accuracy: _____ / _____ %
Wow & Flutter: _____ / _____ %
Fast Wind Time: _____ Seconds
S/N: _____ dB, w/Dolby B _____ dB
Pinch Roller Disengagement: _____ Yes, _____ No

CD Characteristics (EIA)

Freuency Response (8Hz - 20 kHz), +/- _____ dB
Separation: LR _____ dB, RL _____ dB
S/N: _____ db
THD @ -30 dB: _____ %
De-Emphasis Error (10 kHz): _____ %
Linearity Deviation (-60dB): _____ dB
Maximum Data Gap: _____ mm
Acces Time (short): _____ Seconds

Features

Mounting Design: ____ Removable Faceplate, ____ Shuttle, ____ Fixed
Clock: ____ Yes, ____ No
4 Channel Fader: ____ Yes, ____ No
Dimmer Controlled Illumination: ____ Yes, ____ No
Loudness Control: ____ Yes, ____ No
Travel Store: ____ Yes, ____ No