SOURCE TECHNOLOGIES
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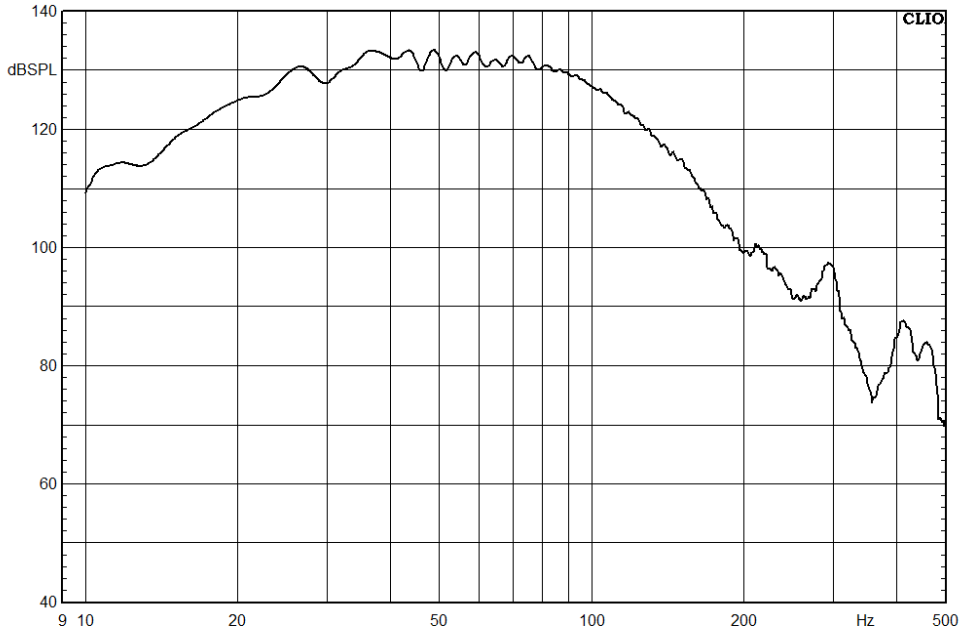
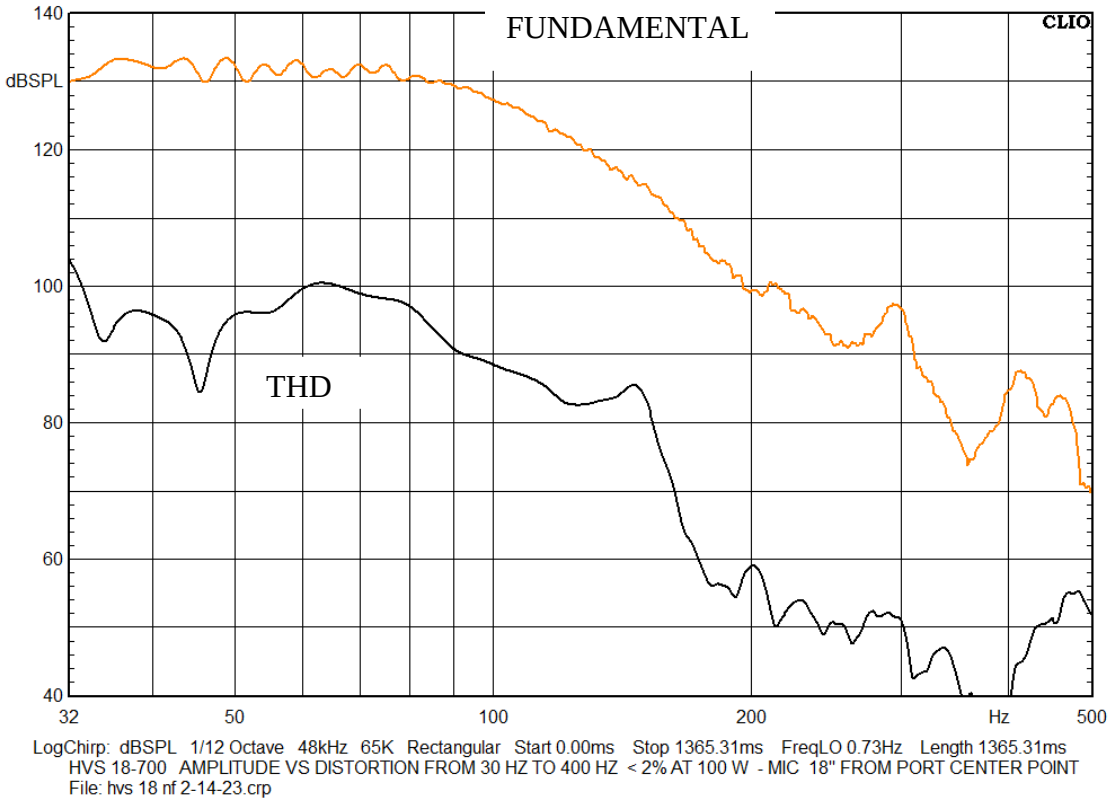
SOURCE TECHNOLOGIES " HIGH VELOCITY" SUBWOOFERS USE CALCULATED DUAL CAVITY CHAMBERS AND HIGH SPEED AIR MOVEMENT THROUGH FRONT VENTS TO CREATE UNSURPASSED BASS PERFORMANCE- TYPICALLY NEARLY TWICE THE OUPUT WHEN COMPARED TO OPEN FACED SEALED SUBWOOFERS.

OUR FLAGSHIP HVS 18 –700 PROVIDES HIGH INTENSITY AND EFFICIENCY WHILE REACHING INTO THE LOWEST OCTAVES PERFORMANCE MEASUREMENTS MADE 2-23. DUAL FRONT FIRNG VENTS (VIA AIR SPEED VELOCITY AND VOLUME) CREATE BASS FROM NEAR FIELD SHOCK WAVE PRINCIPLE FOR HIGH LEVEL SPEED AND RESPONSE ACCURACY.

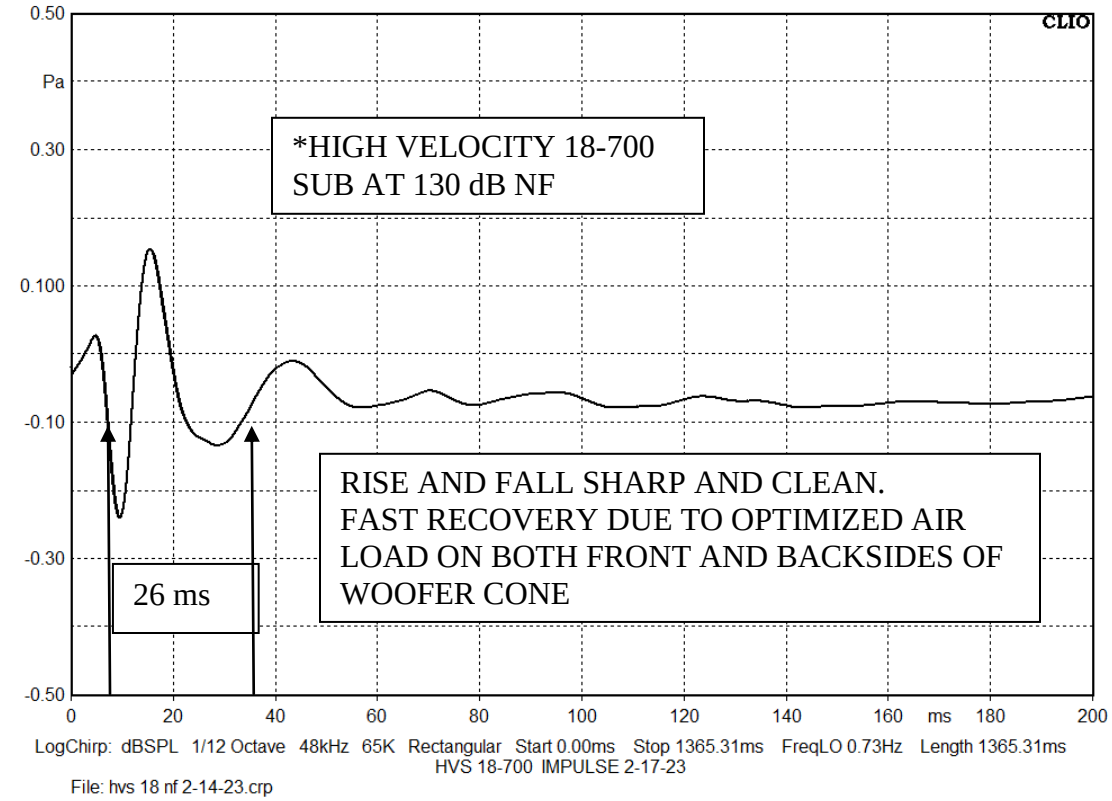


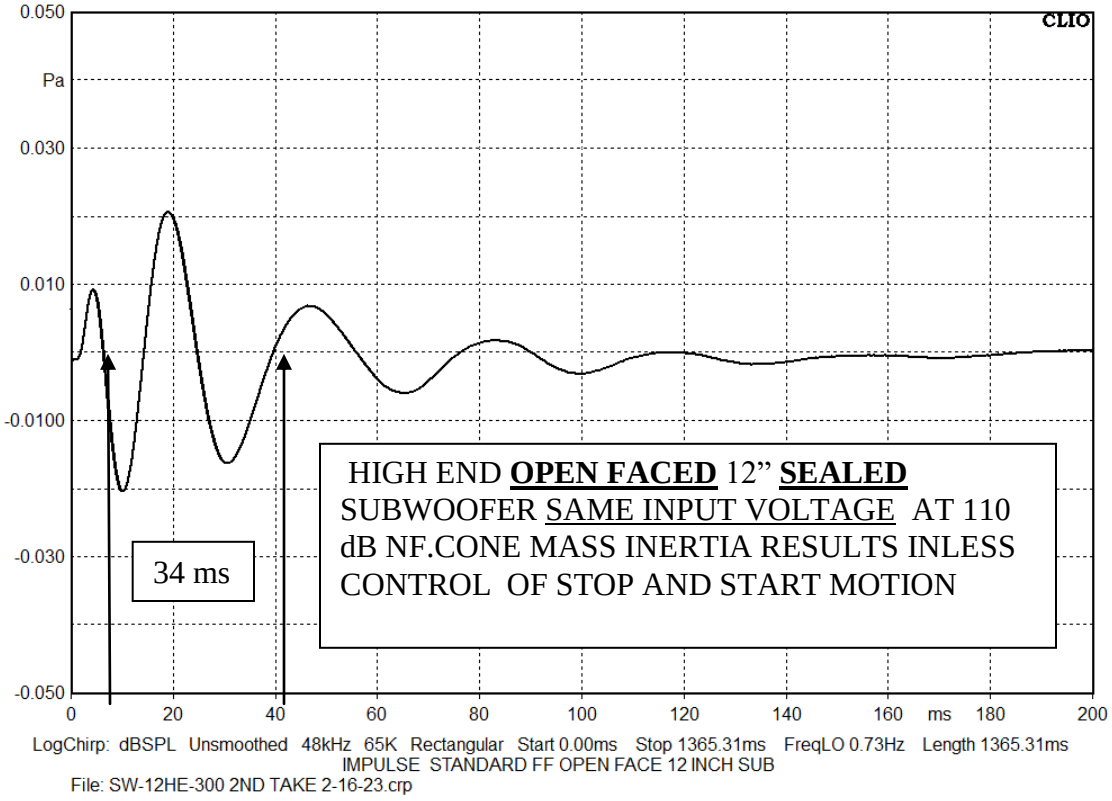
LogChirp: dBSPL 1/12 Octave 48kHz 65K Rectangular Start 0.00ms Stop 1365.31ms FreqLO 0.73Hz Length 1365.31ms
HVS 18-700 AMPLITUDE GOOD TO 17 HZ ABOUT 10 DB DWON BEFORE BREAK IN - AFTER BREAK IN (40 HZ DOWN 2 DB
File: hvs 18 nf 2-14-23.crp

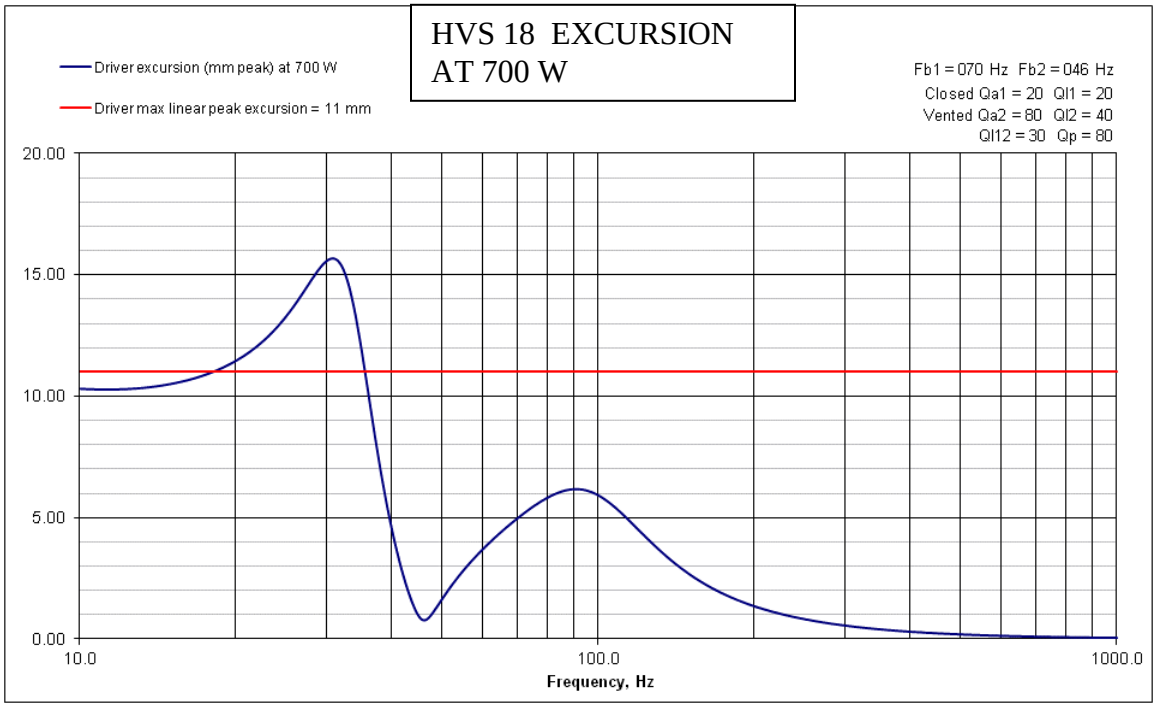
USABLE RESPONSE TO 17 Hz @ 130 Db! - .1 M PRIOR TO BREAK IN. AFTER BREAK IN 17- 20 Hz REGION INCREASES BY ABOUT 2 dB



DISTORTION < 2.5% FROM 30 Hz – 150 Hz
ABOVE 150 Hz < 1 % AS LOW PASS AMP FILTER ATTENUATES OUTPUT AT 24 dB- OCT


CLIO
0.50
Pa
0.30
0.100
-0.10
-0.30
-0.50
*HIGH VELOCITY 18-700
SUB AT 130 dB NF
RISE AND FALL SHARP AND CLEAN.
FAST RECOVERY DUE TO OPTIMIZED AIR
LOAD ON BOTH FRONT AND BACKSIDES OF
WOOFER CONE
26 ms
0
20
40
60
80
100
120
140
160
ms
180
200
LogChirp: dBSPL 1/12 Octave 48kHz 65K Rectangular Start 0.00ms Stop 1365.31ms FreqLO 0.73Hz Length 1365.31ms
HVS 18-700 IMPULSE 2-17-23
File: hvs 18 nf 2-14-23.crp


CLIO
0.050
Pa
0.030
0.010
-0.0100
-0.030
-0.050
HIGH END OPEN FACED 12" SEALED
SUBWOOFER SAME INPUT VOLTAGE AT 110
dB NF.CONE MASS INERTIA RESULTS INLESS
CONTROL OF STOP AND START MOTION
34 ms
0
20
40
60
80
100
120
140
160
ms
180
200
LogChirp: dBSPL Unsmoothed 48kHz 65K Rectangular Start 0.00ms Stop 1365.31ms FreqLO 0.73Hz Length 1365.31ms
IMPULSE STANDARD FF OPEN FACE 12 INCH SUB
File: SW-12HE-300 2ND TAKE 2-16-23.crp



HVS 18 (ABOVE) REMAINS WITHIN EXCUSION LIMIT AT 700 W INPUT WHILE OPEN FACED PORTED DESIGN (BELOW) LOSES CONTROL AT THE LOWEST FREQUENCIES