

Specifications – BESL Series 2 TMM Monitor

Transducers

18cm woofer (2)	SEAS ER18-RNX
25mm tweeter	SEAS H1462
Drone (2)	SEAS 18cm

Impedance *(graph)*

Nominal	4 ohm
Minimum (@150 & 12.5k Hz)	2.7
Phase (@80 Hz / 30k Hz)	-20 / +32 degrees

Amplitude response *(graph)*

To 20kHz	+1.2 / -2.0 dB
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Dispersion *(see graphs)*

Sensitivity

2.8V@1-Meter full space	88.6 dB
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Bass alignment

Drone system	EBS4 -3dB@49Hz, -6dB@36Hz
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Inter-driver Phase response

1.25 kHz to 6kHz	Less than 40° phase difference
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Maximum nonlinear output

106 dB	80W	HPF2 @80Hz, all frequencies, no compression
103 dB	40W	No HPF, all frequencies, no compression

Crossover

Alignment	Linkwitz-Riley 4th @ 2.4 kHz
Elements	23, 5 of which are in the series signal paths
Phase compensation	4 elements in 2 circuits
Impedance compensation	3 elements in 1 circuit

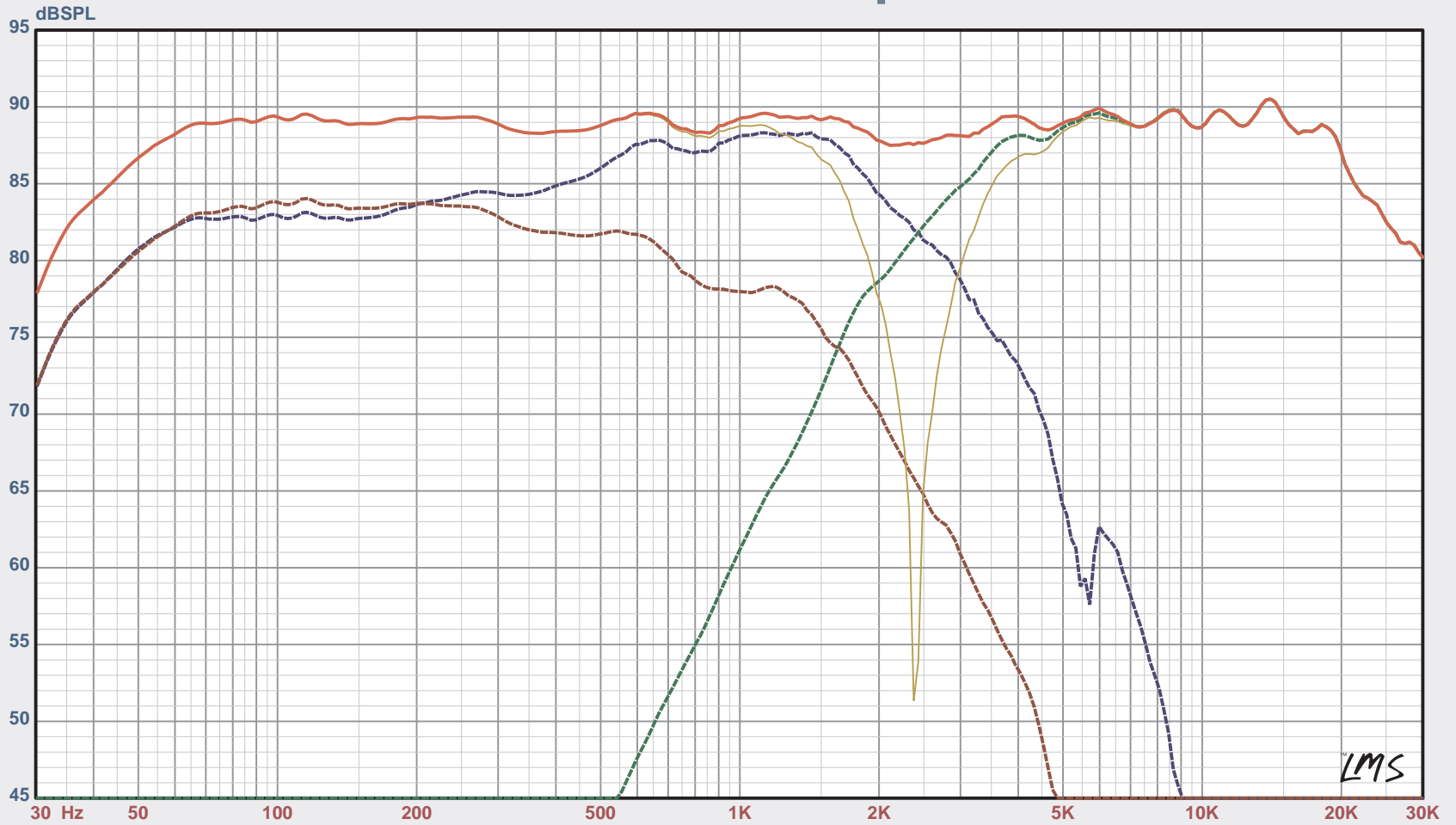
Dimensions; Weight (Net)

42.6"H x 10.8"W x 16.1"D, 63 lb.

Dimensions; Weight (Ship)

tba

SPL vs Freq



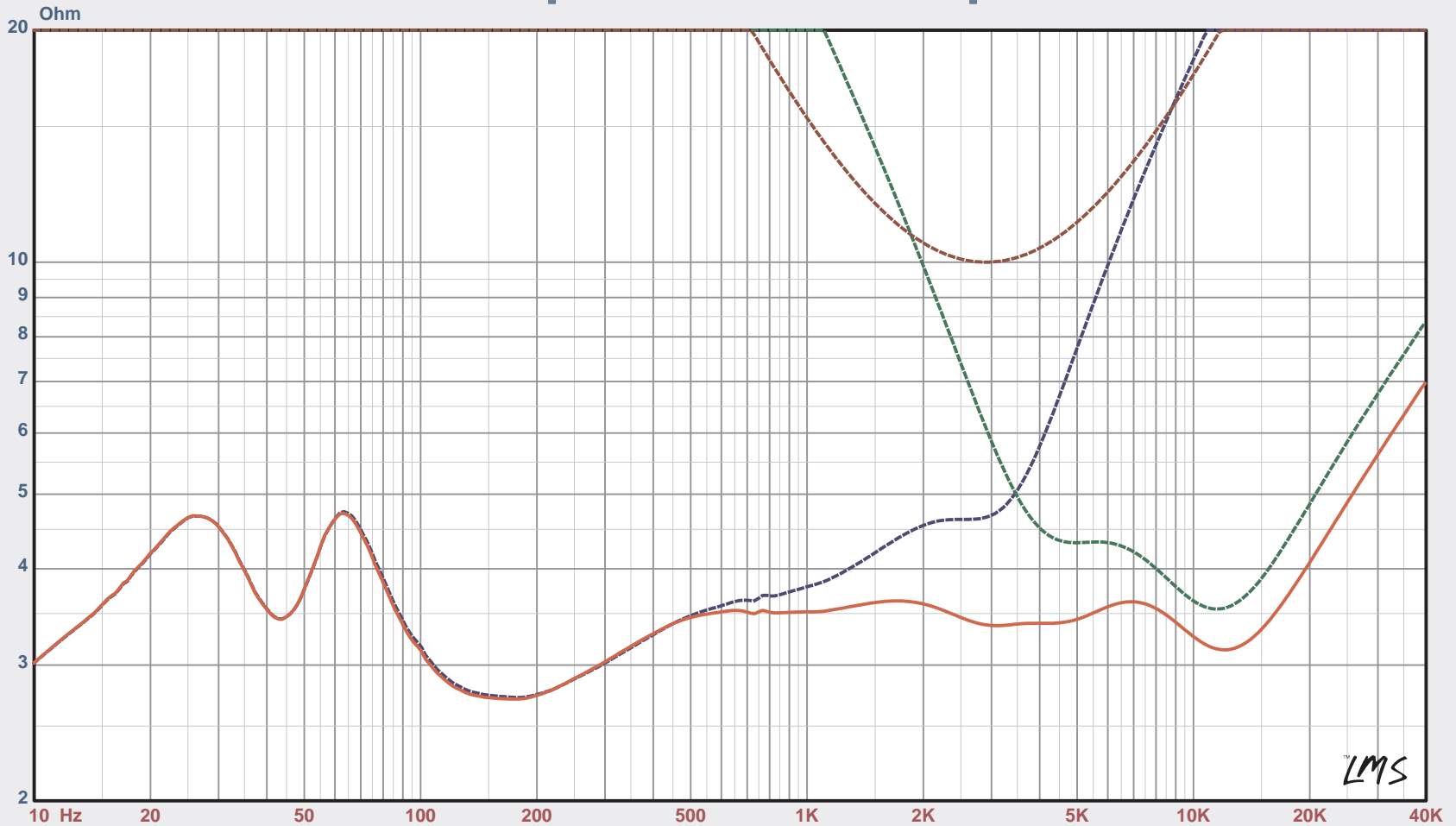
LMS

Map

- 72: *HighER18 COMP 0uS 10H 2Mfs2.8v
- 73: *T25-1(new) COMP 10H 2Mfs2.8v/10
- 74: *LowER18 COMP 0uS 10H 2Mfs2.8v
- 75: SPL DIFF
- 76: SPL Sum(C)

Notes

Impedance vs Freq



LMS

Map

- 63: Z 1v woofers
- 64: Z 1v tweeter
- 65: Zcomp
- 66: Zload system

Notes

Design: S2-tmm ER18-T25 PASSIVE (series).lcd

Analyzed: Sep 4, 2007 Tue 10:35 am