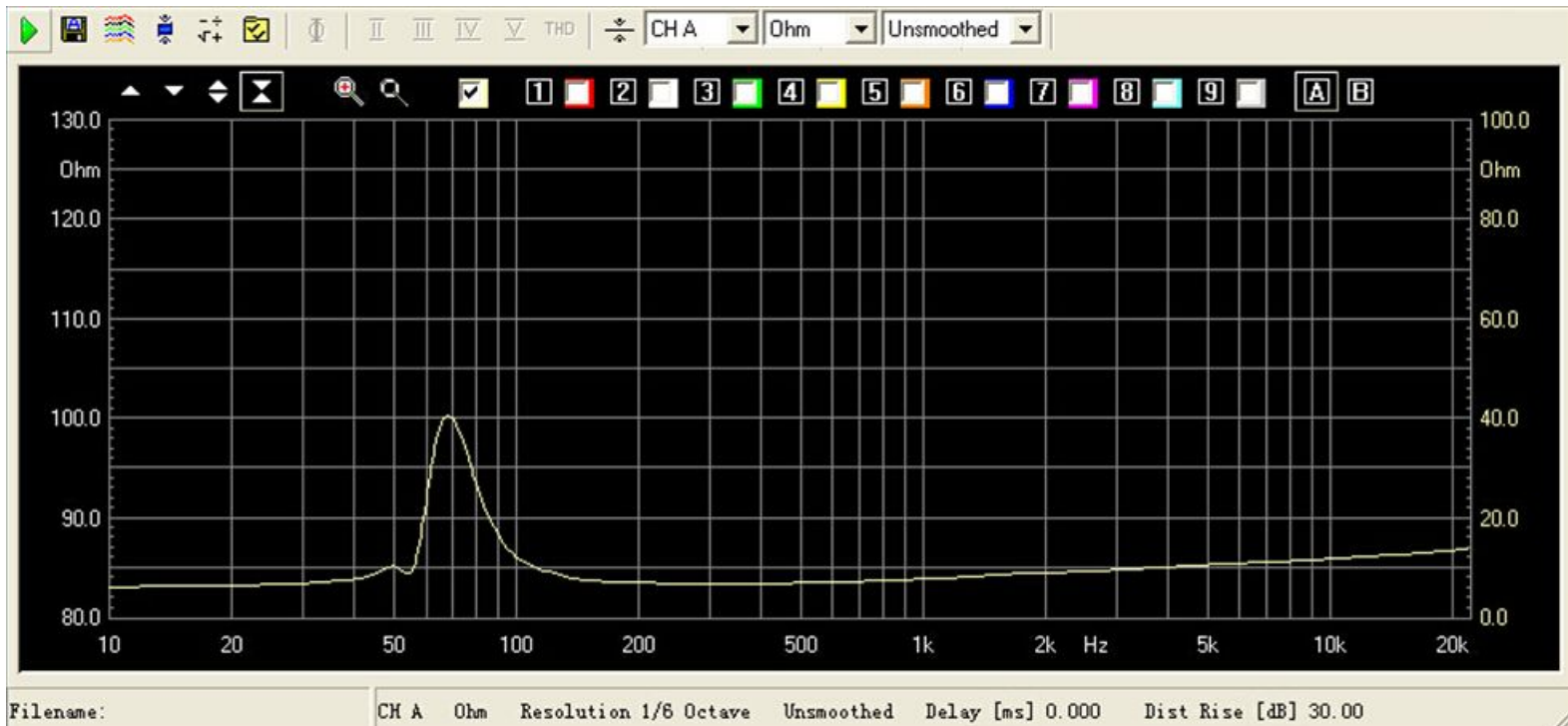


GUANGZHOU SHANGNUO ELECTRONICS CO., LTD.

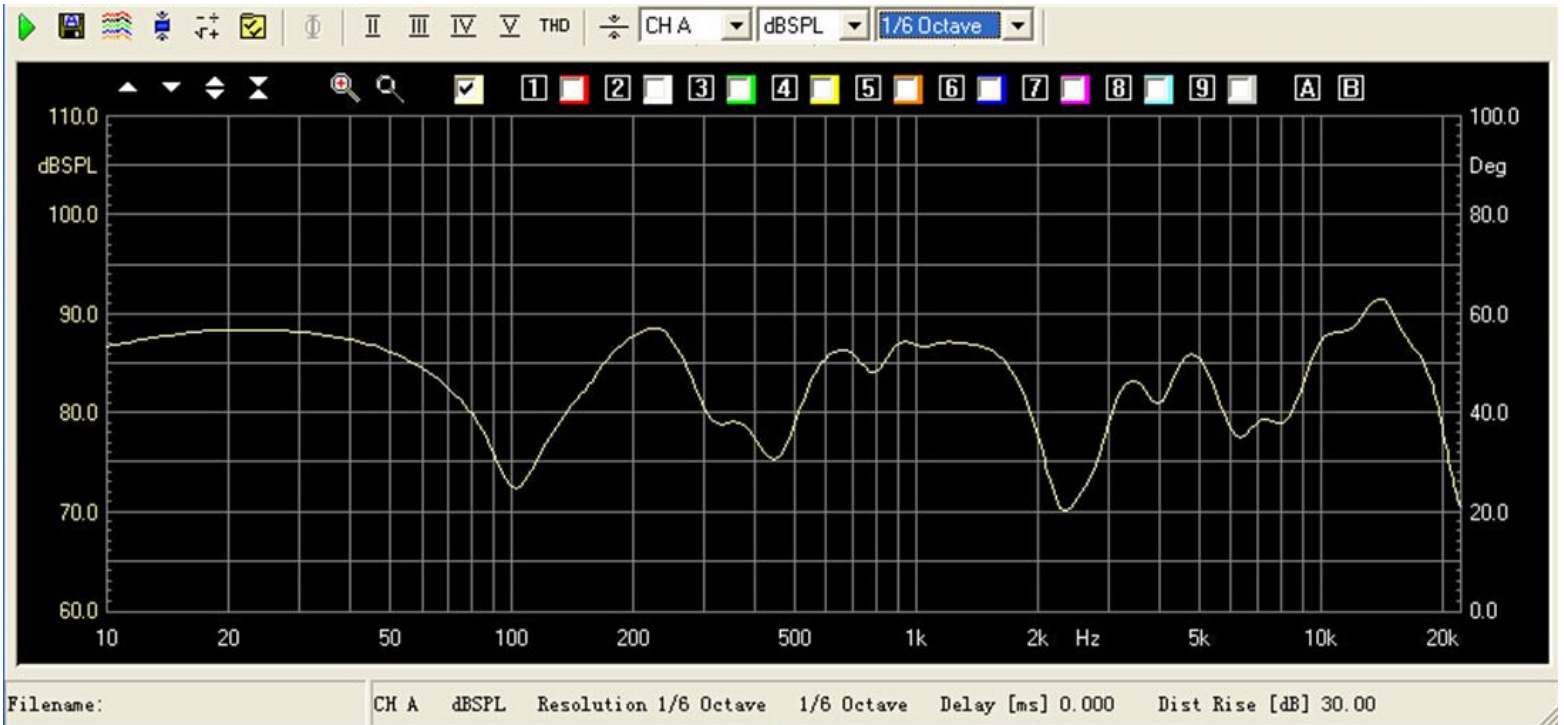
PRODUCT NAME: 3 INCH MID-RANGE CAR SPEAKER

T/S INFORMATION

F_s	86.7921 Hz	V_{AS}	1.1850 L	R_E	5.4000 Ω
Q_{MS}	4.7414	Q_{ES}	0.5270	Q_{TS}	0.4743
B·l	4.2072 T·m	dB_{SPL}	83.6958	S_D	0.0028 m ²
C_{MS}	1.0615 mm/N	M_{MS}	3.1678 g	R_{MS}	0.3643 Ω_M
C_{AS}	8.49E-0009 m ⁵ /N	M_{AS}	396.25 kg/m ⁴	R_{AS}	45575 Ω_A
C_{MES}	178.9699 μ F	L_{CES}	18.7888 mH	R_{ES}	48.5814 Ω
R_{AT}	455589 Ω_A	R_{MT}	3.6422 Ω_M	M_{MD}	3.0827 g
Z_{MIN}	7.3884 Ω	Z_{MAX}	53.9814 Ω	Z_{AVG}	11.1132 Ω
η_0	0.1411 %	L_{1kHz}	0.2245 mH	L_{10kHz}	0.0720 mH



FREQUENCY INFORMATION



Signature: Amy Lee

Date:2015-7-30