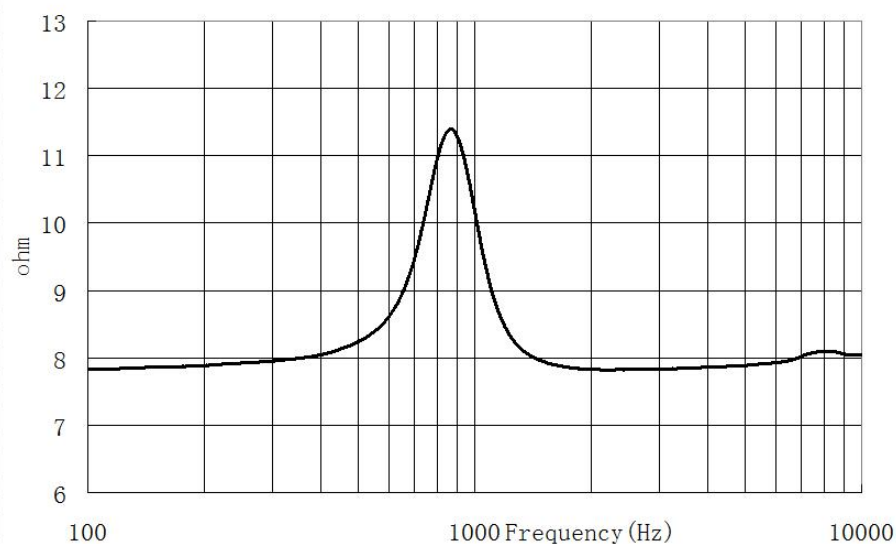


VENTRONIC ELECTRONICS (WEIFANG) CO., LTD

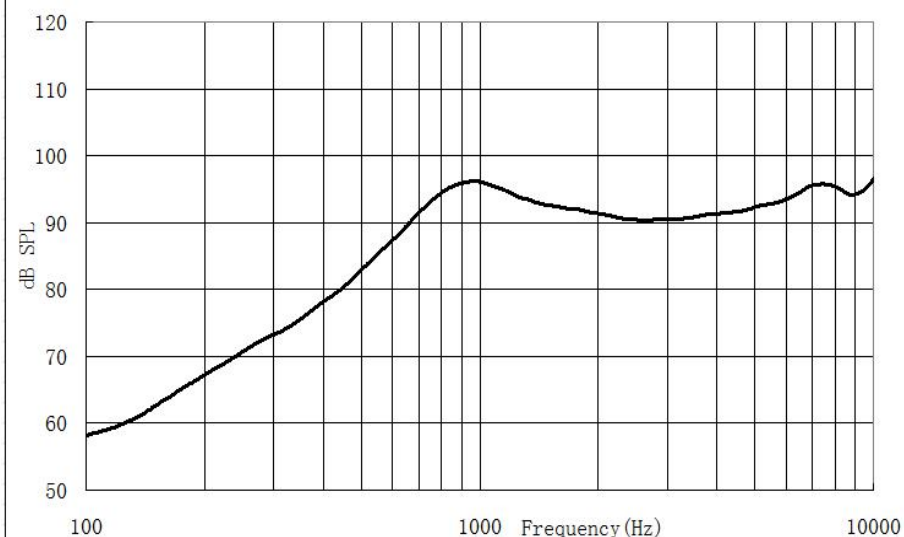


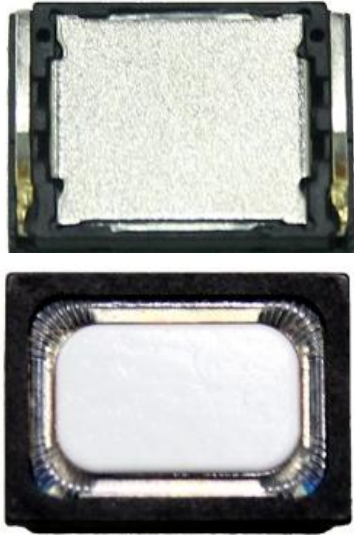
No.	Photo	Model Name	Size (L*W*H)	Frequency Response	Rated power	Max power	Impedance	Resonance Frequency
1		1511 Three magnet	15*11*2.5mm	$89 \pm 3\text{dB}/2.0\text{Vrms}/10\text{cm}/1\text{ccbox/at } 2\text{KHz}$	0.7W	1.0W	$8 \pm 15\% \text{ ohm}$	$850 \pm 20\% \text{ Hz}$

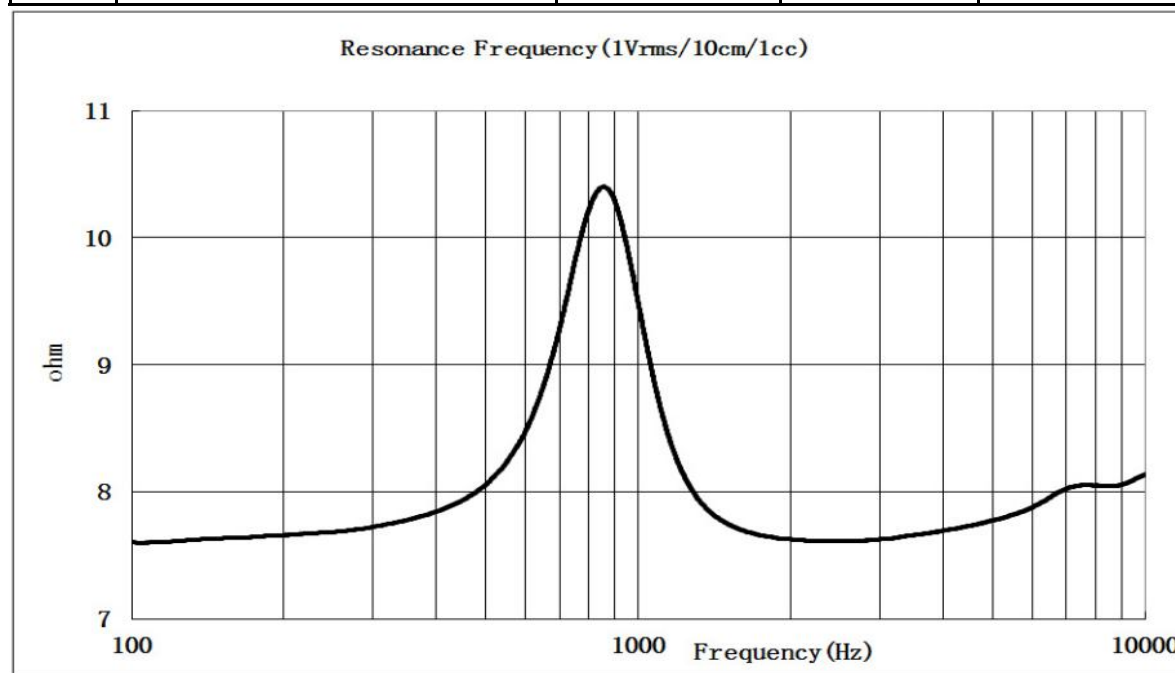
Resonance Frequency (1Vrms)



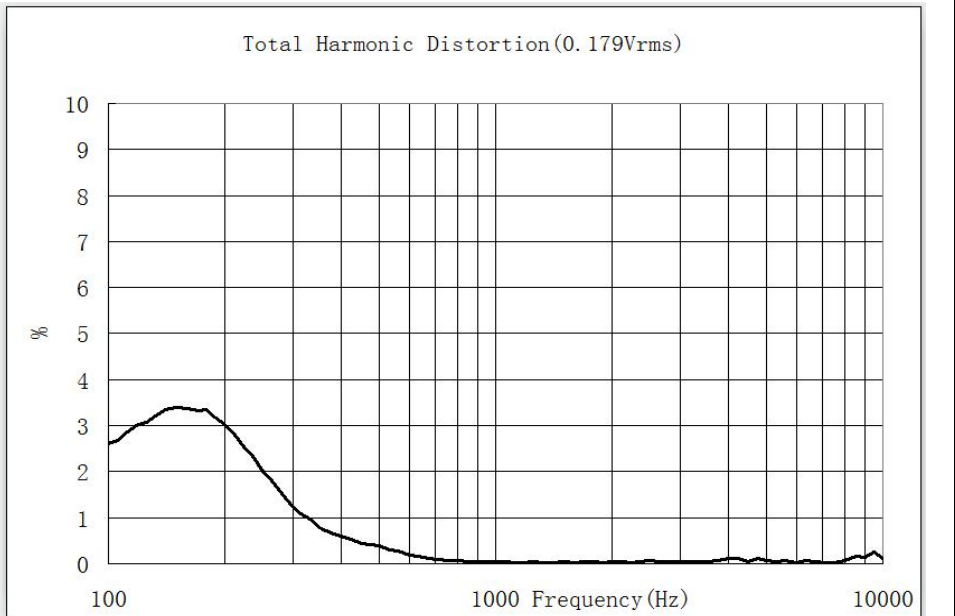
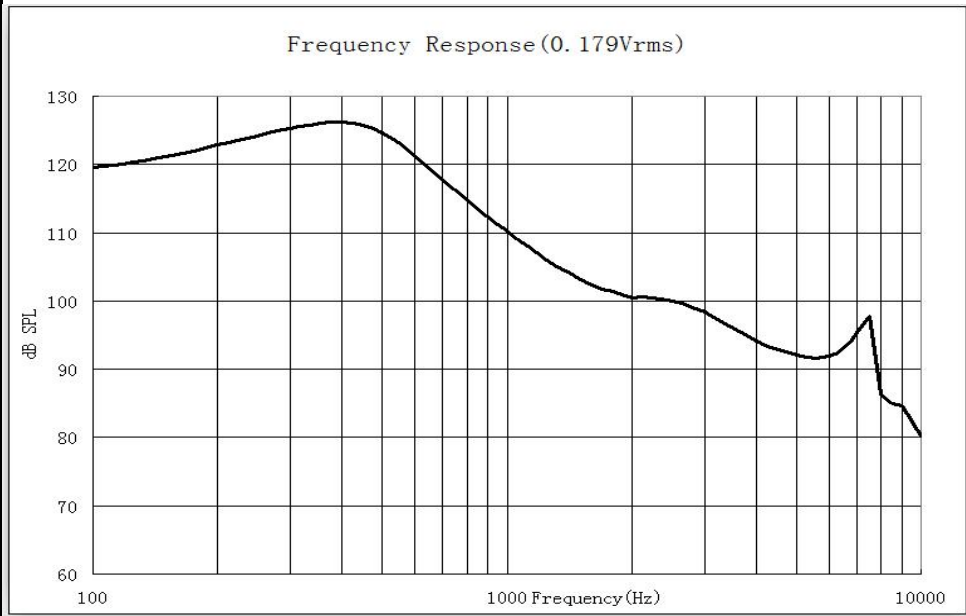
Frequency Response (2.36Vrms/10cm/1cc)



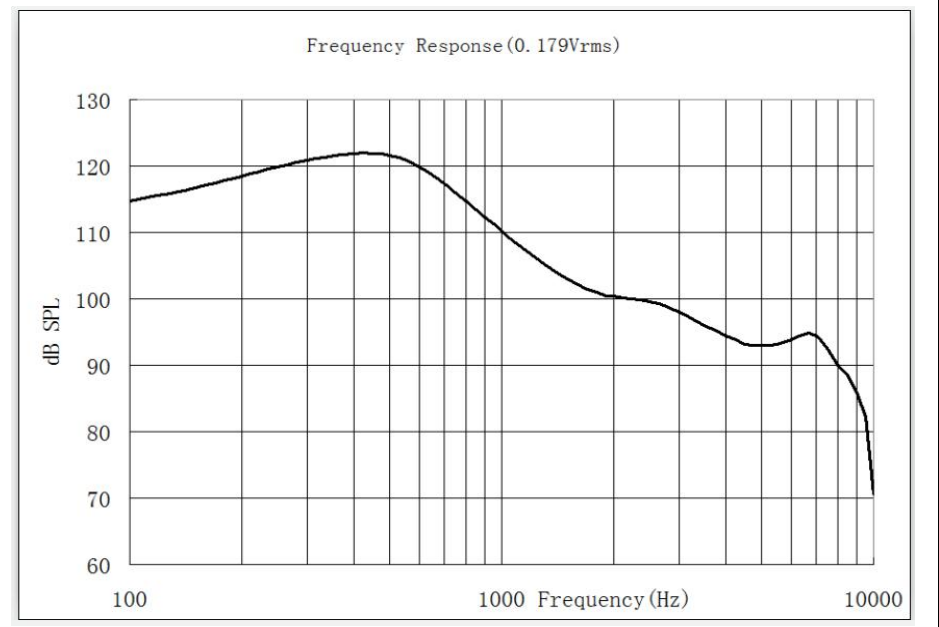
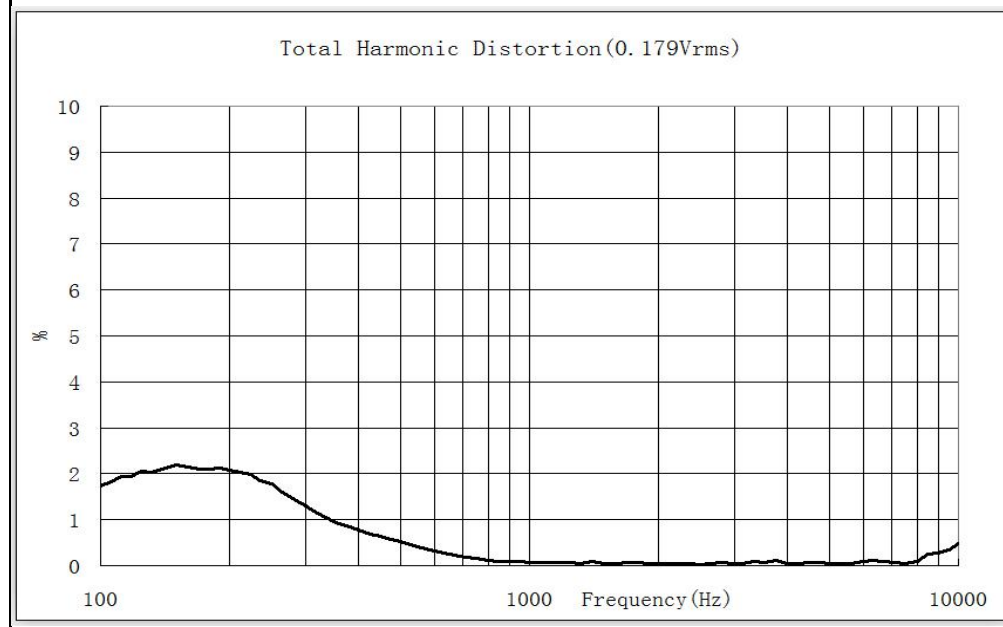
No.	Photo	Model Name	Size (L*W*H)	Frequency Response	Rated power	Max power	Impedance	Resonance Frequency
2		1813 Three magnet	18*13*2.5mm	92±3dB/2.36Vrms/10cm/1ccbox/at2KHz	0.7W	1.0W	8±15% ohm	850±20%Hz



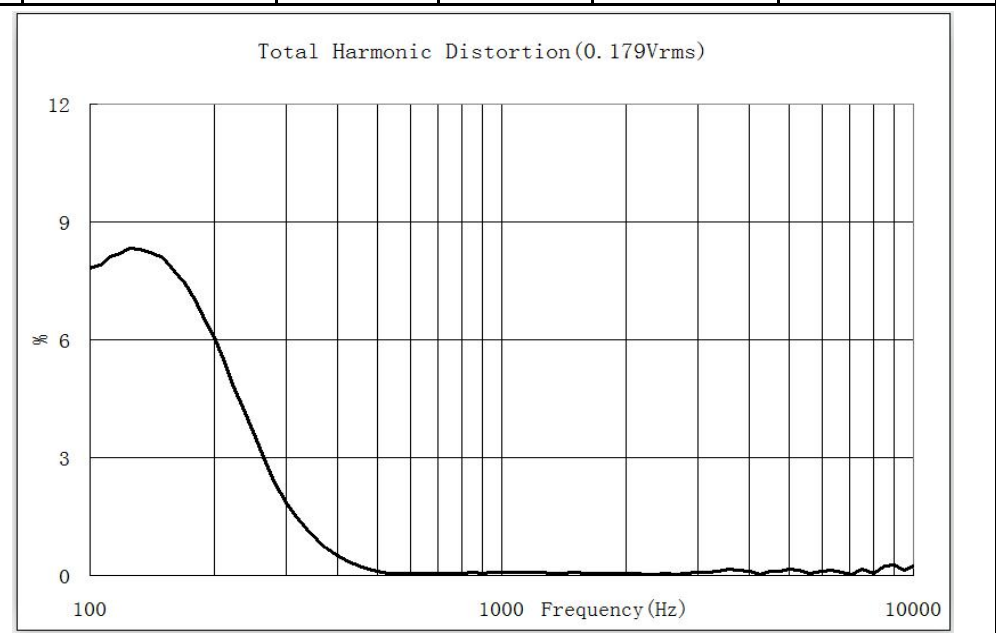
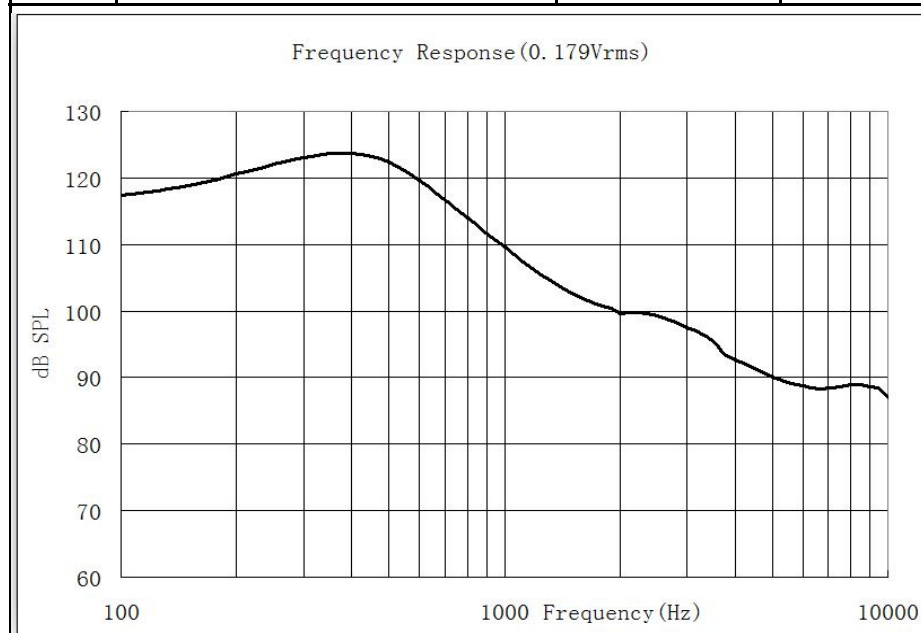
No.	Photo	Model Name	Size(L*W*H)	Frequency Response	Rated power	Max power	Impedance	Resonance Frequency
3		1506 Single magnet	15*6*2mm	$111 \pm 3\text{dB}/179\text{mVrms}$ at 1KHz	20mW	30mW	$32 \pm 15\%$ ohm	$350 \pm 100\text{Hz}$



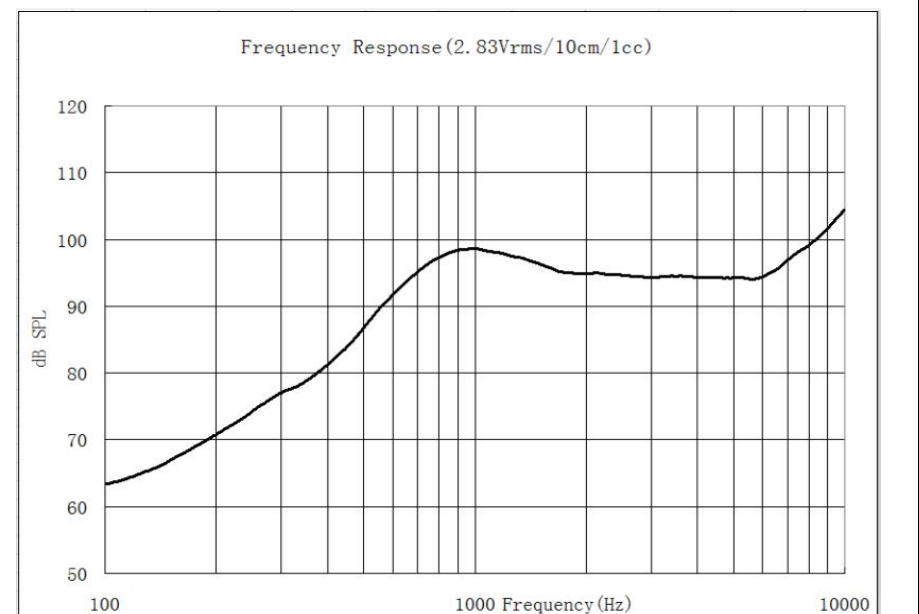
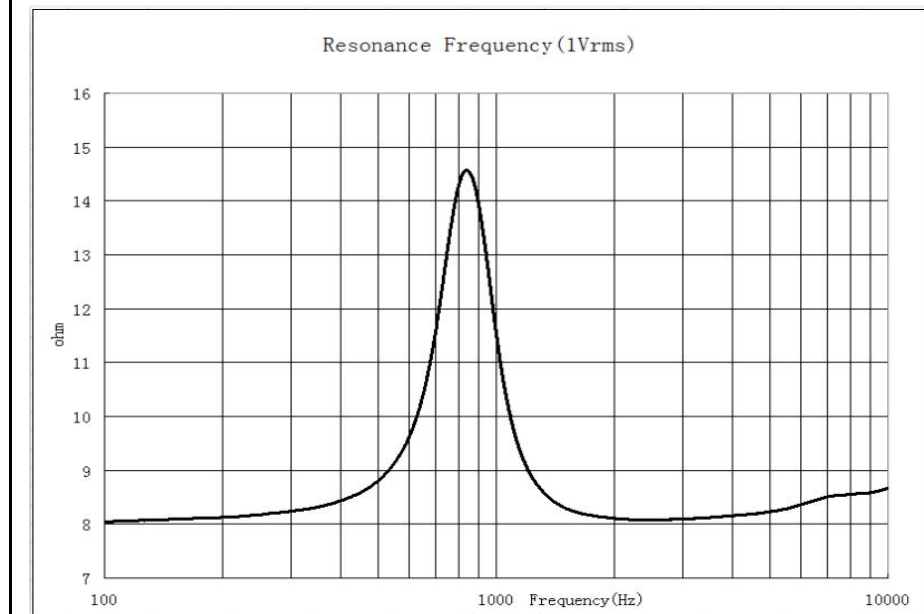
No.	Photo	Model Name	Size (L*W*H)	Frequency Response	Rated power	Max power	Impedance	Resonance Frequency
4		1206 Single magnet	12*6*2mm	$110 \pm 3\text{dB}/179\text{mVrms}$ at 1KHz	20mW	30mW	$32 \pm 15\%$ ohm	$400 \pm 100\text{Hz}$

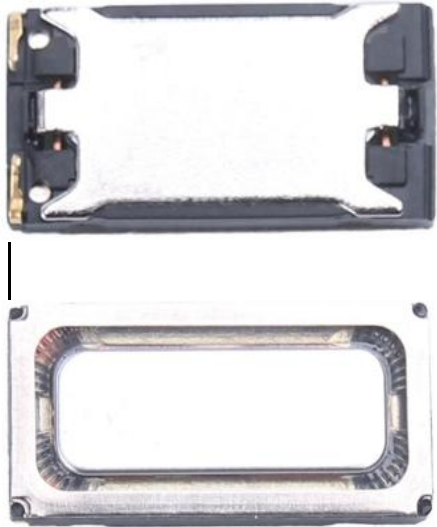


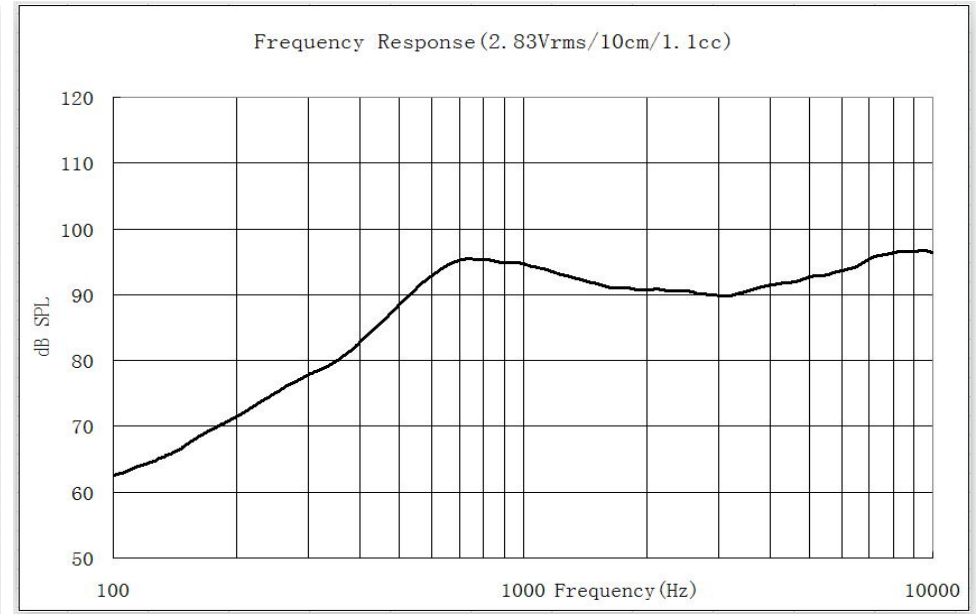
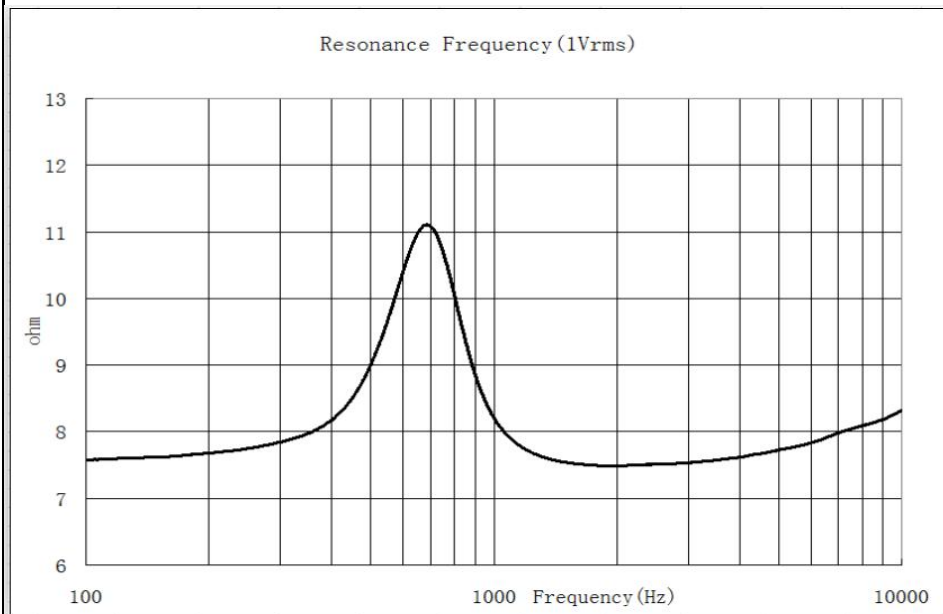
No.	Photo	Model Name	Size (L*W*H)	Frequency Response	Rated power	Max power	Impedance	Resonance Frequency
5		1007 Single magnet	10*7*2.1mm	$110 \pm 3\text{dB}/179\text{mVrms}$ at 1KHz	20mW	30mW	$32 \pm 15\%$ ohm	$350 \pm 100\text{Hz}$



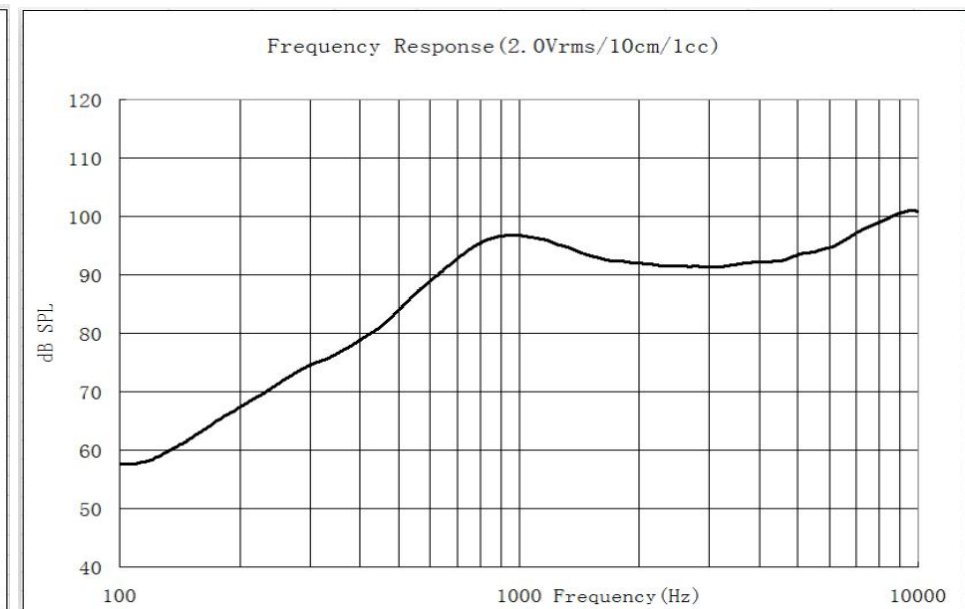
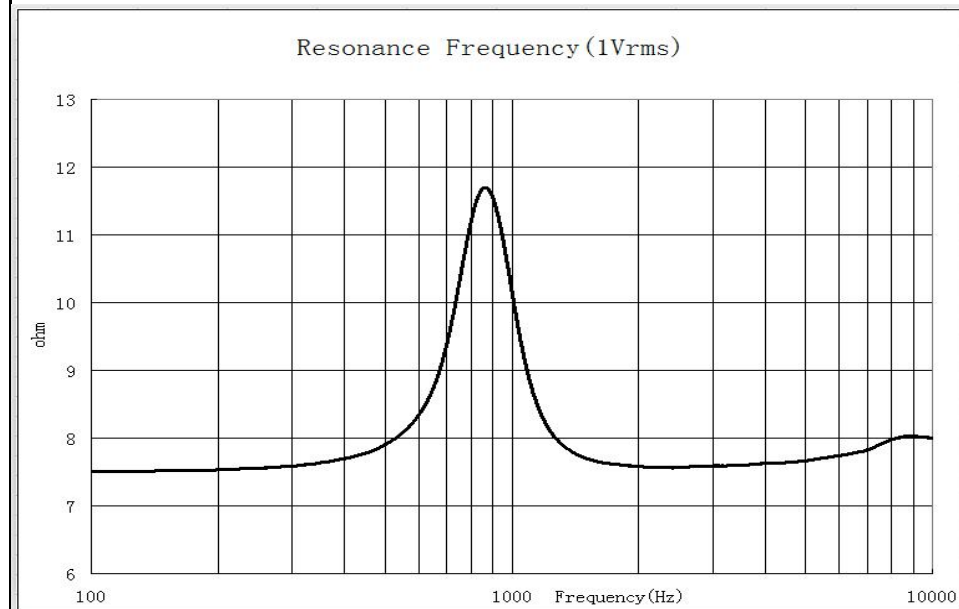
No.	Photo	Model Name	Size (L*W*H)	Frequency Response	Rated power	Max power	Impedance	Resonance Frequency
6		2509 three magnet	25*9*3mm	94±3dB/2.83Vrms/10cm/1ccbox/at2KHz	1.0W	1.5W	8±15% ohm	850±20%Hz



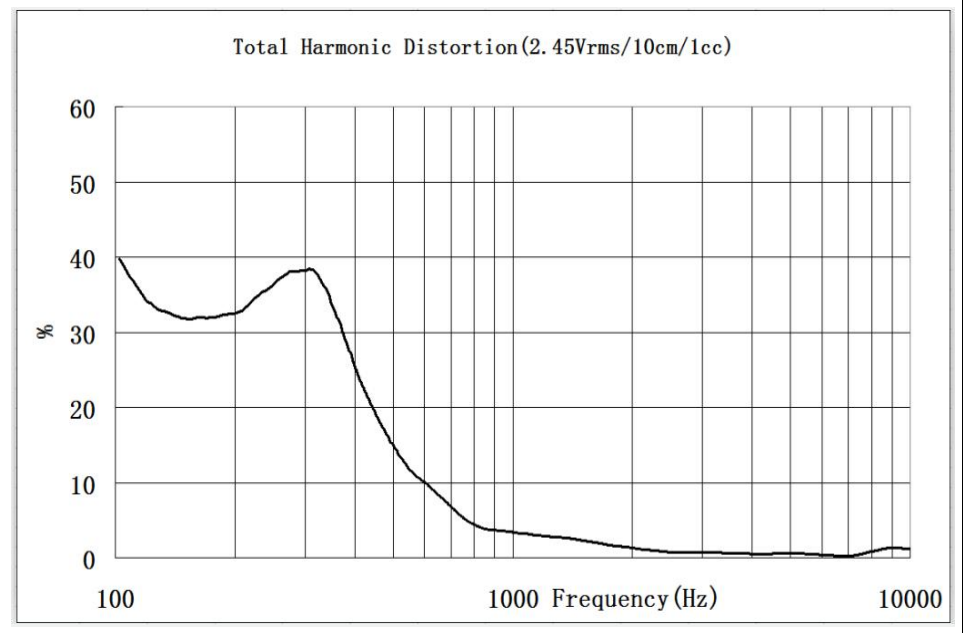
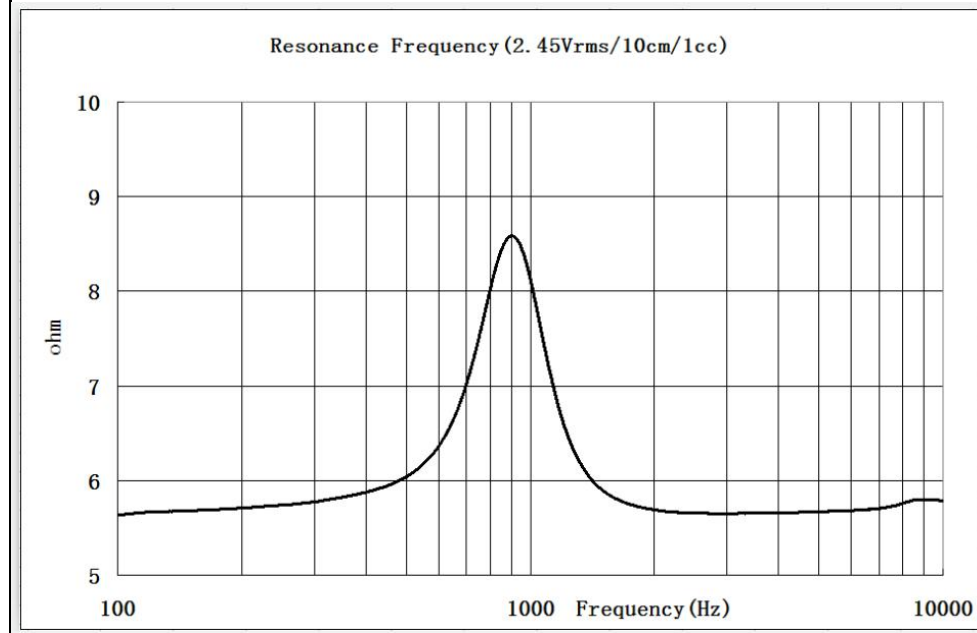
No.	Photo	Model Name	Size (L*W*H)	Frequency Response	Rated power	Max power	Impedance	Resonance Frequency
7		2010 three magnet	20*10*3.4mm	$89 \pm 3\text{dB}/2.83\text{Vrms}/10\text{cm}/1.1\text{ccbox}/\text{at}2\text{KHz}$	1.0W	1.5W	$8 \pm 15\%$ ohm	$670 \pm 20\text{Hz}$

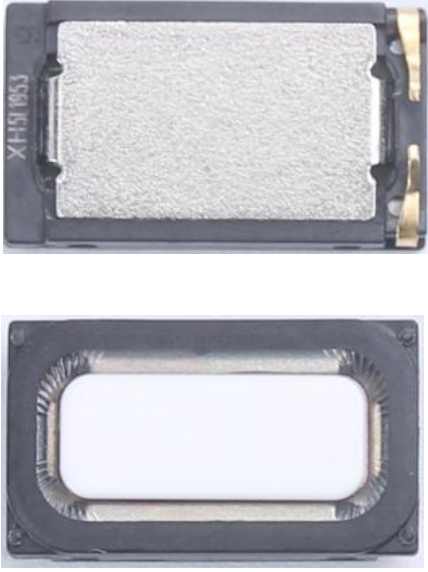


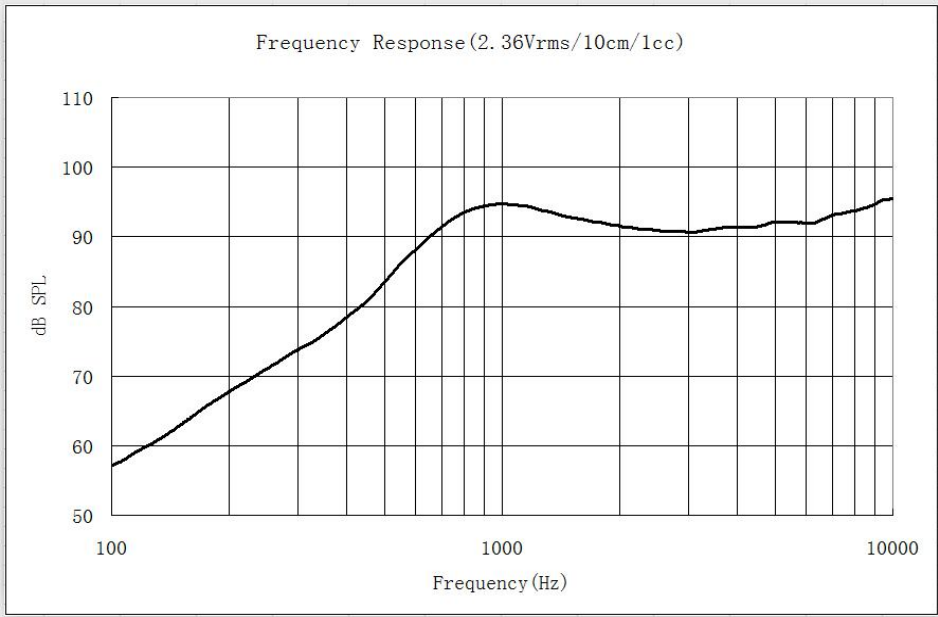
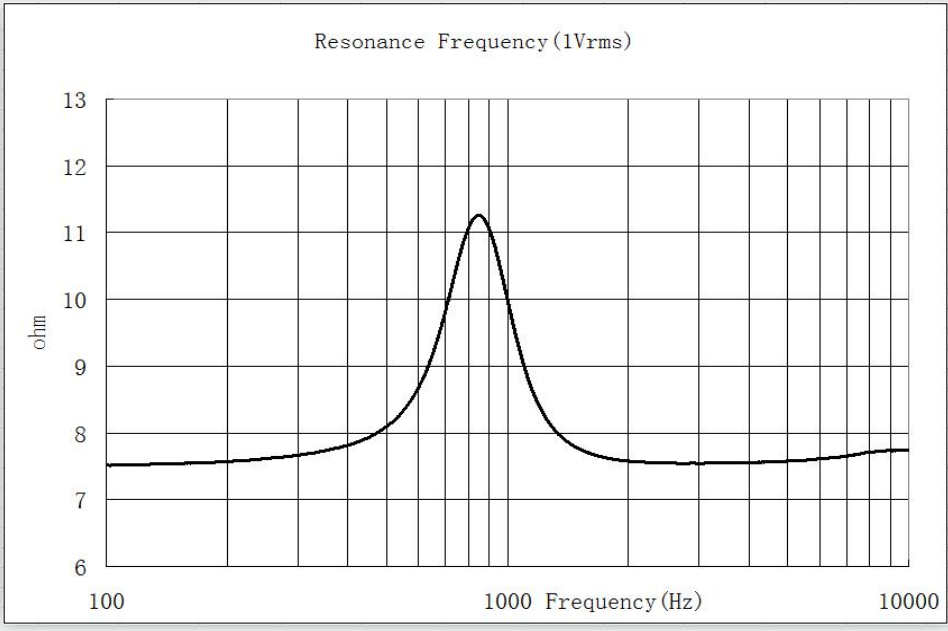
No.	Photo	Model Name	Size(L*W*H)	Frequency Response	Rated power	Max power	Impedance	Resonance Frequency
8		1712 Five magnet	17*12*2.5mm	$92 \pm 3\text{dB}/2.0\text{Vrms}/10\text{cm}/1\text{ccbox}/\text{at } 2\text{KHz}$	0.7W	1.0W	$8 \pm 15\% \text{ ohm}$	$850 \pm 20\text{Hz}$



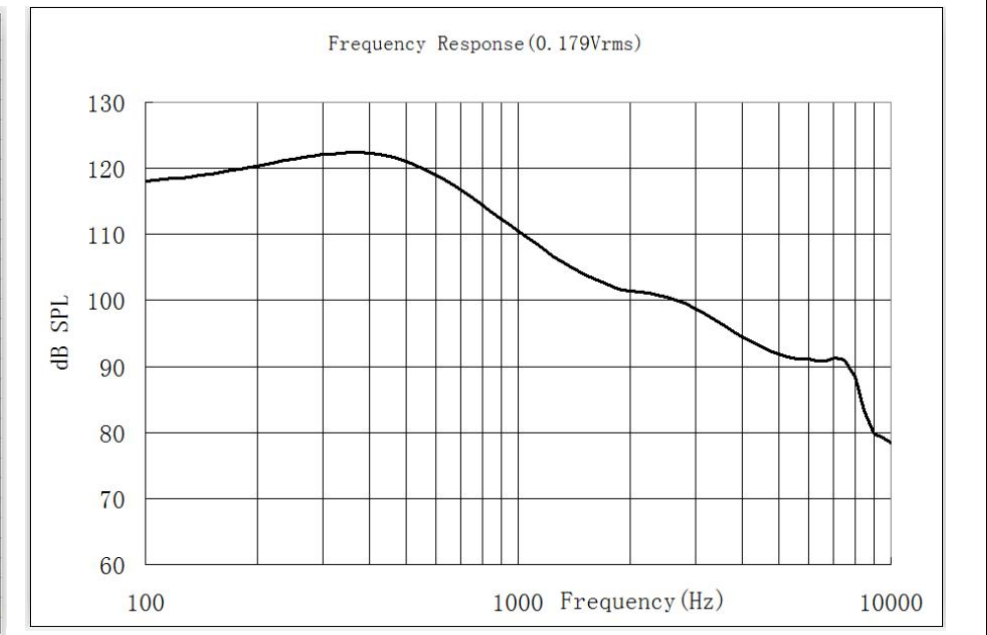
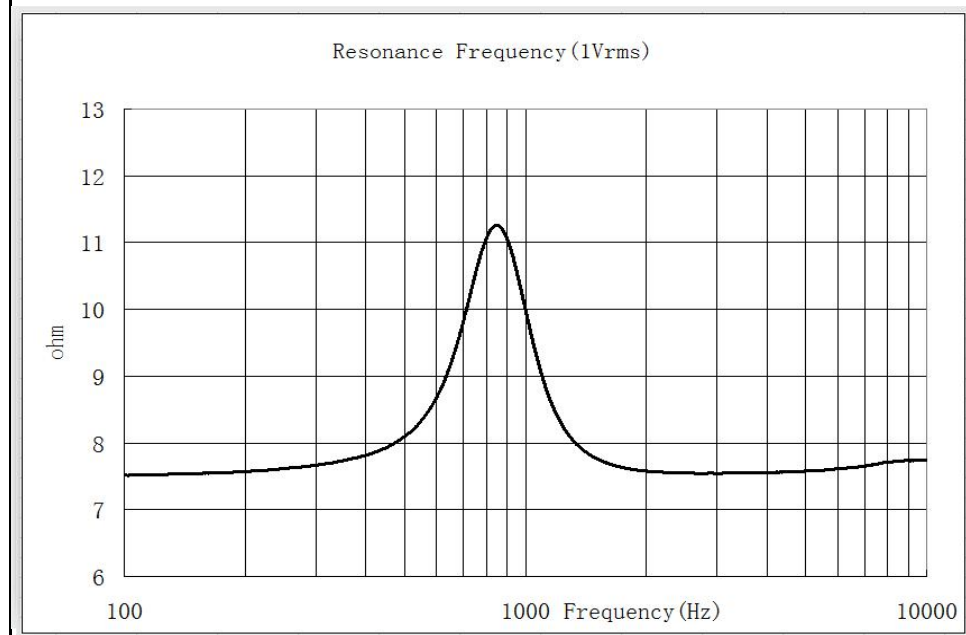
No.	Photo	Model Name	Size (L*W*H)	Frequency Response	Rated power	Max power	Impedance	Resonance Frequency
9		1609 Five magnet	16*9*3mm	$94.5 \pm 3\text{dB}/2.45\text{Vrms}/10\text{cm}/1\text{ccbox}/\text{at}2\text{KHz}$	1.0W	1.3W	$6 \pm 15\%$ ohm	$850 \pm 20\%$ Hz



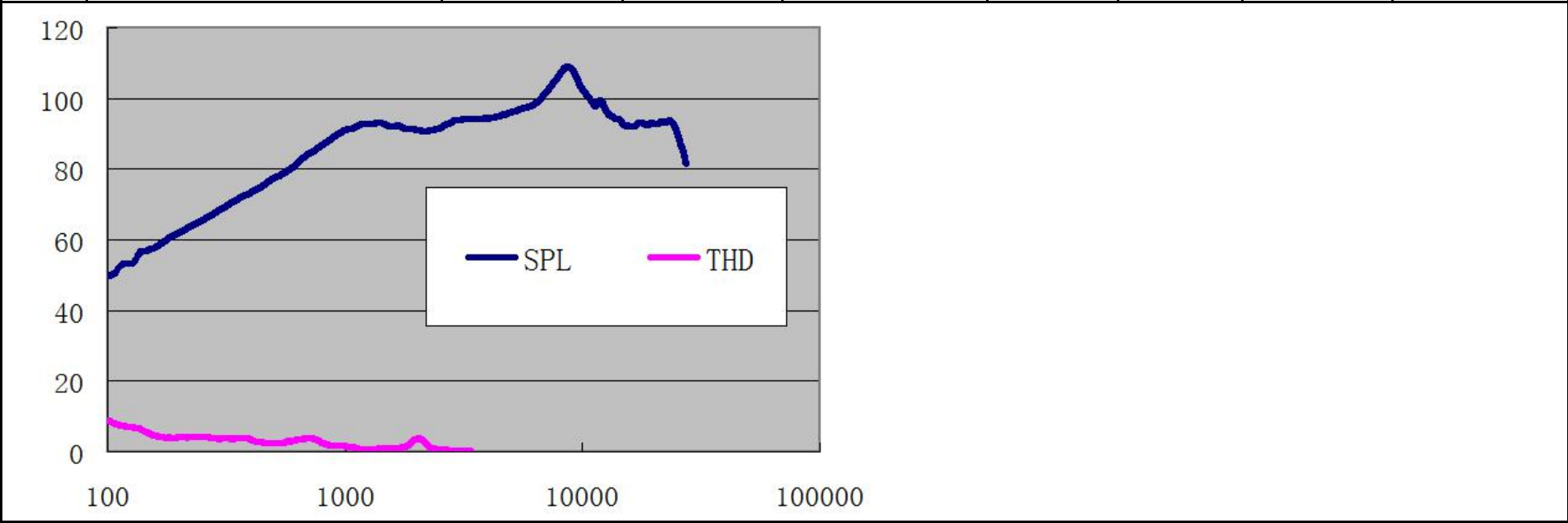
No.	Photo	Model Name	Size (L*W*H)	Frequency Response	Rated power	Max power	Impedance	Resonance Frequency
10		1609 Three magnet	16*9*3mm	$91 \pm 3\text{dB}/2.36\text{Vrms}/10\text{cm}/1\text{ccbox/at}2\text{KHz}$	0.7W	1.0W	$8 \pm 15\%$ ohm	$850 \pm 20\%$ Hz

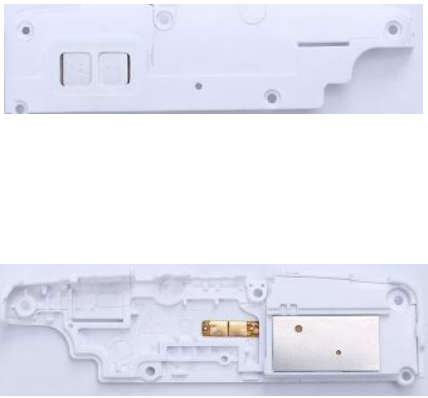


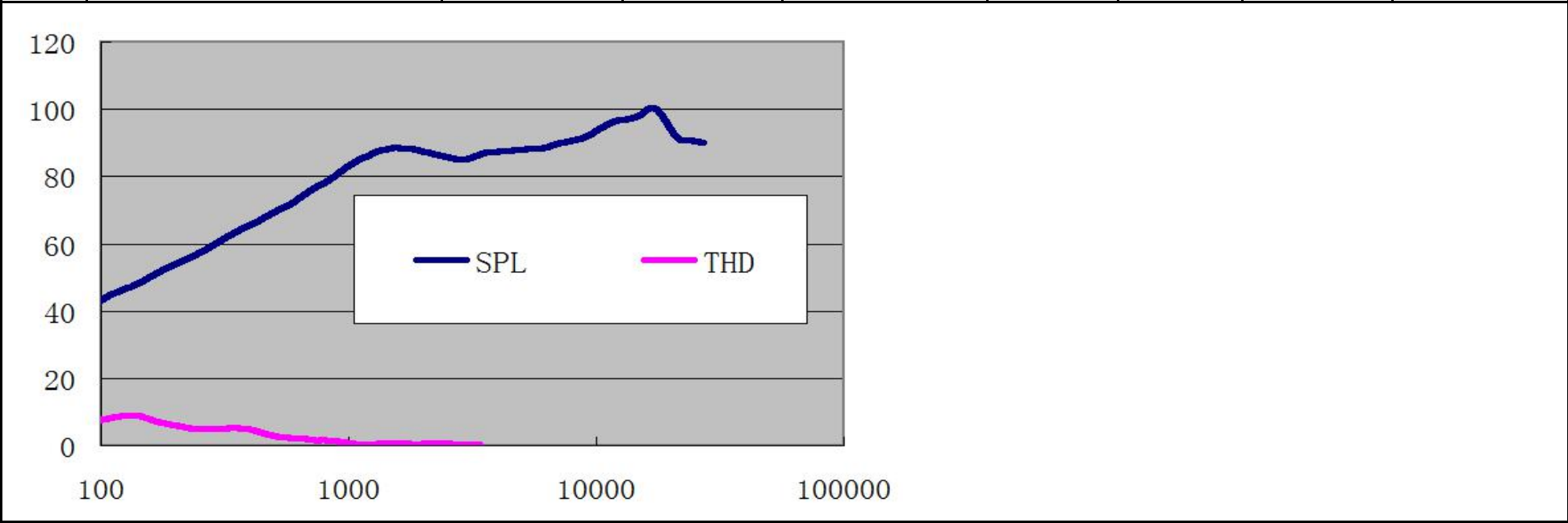
No.	Photo	Model Name	Size (L*W*H)	Frequency Response	Rated power	Max power	Impedance	Resonance Frequency
11		0908 Three magnet	9*8*2mm	$110 \pm 3\text{dB}/179\text{mVrms/at } 1\text{KHz}$	20mW	30mW	$32 \pm 15\% \text{ ohm}$	$400 \pm 100\text{Hz}$

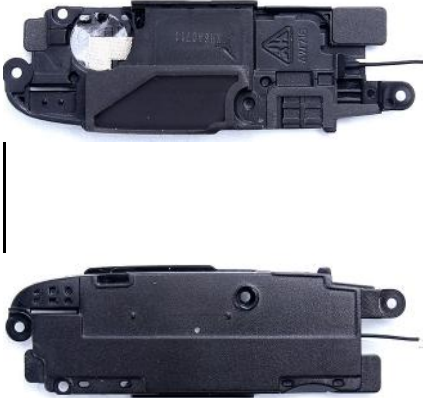


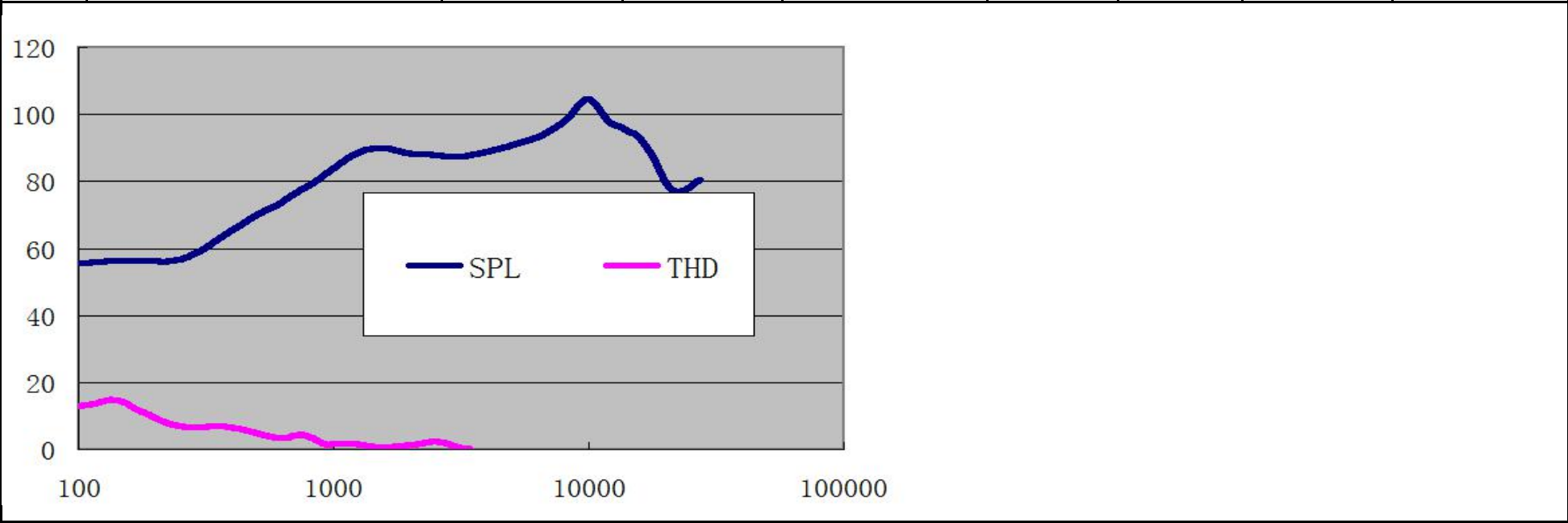
No.	Photo	Model Name	Size (L*W*H)	Frequency Response	Rated power	Max power	Impedance	Resonance Frequency
12		1609 Sound box	16*09*11mm	86±3dB/at (1000, 1200, 1500, 2000) Hz AVG/2Vrms/0.05m	0.7W	1.0W	6.2±15% ohm	800±20%Hz

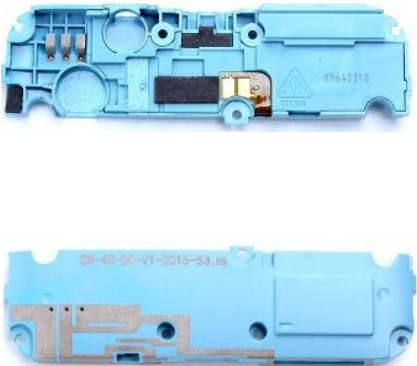


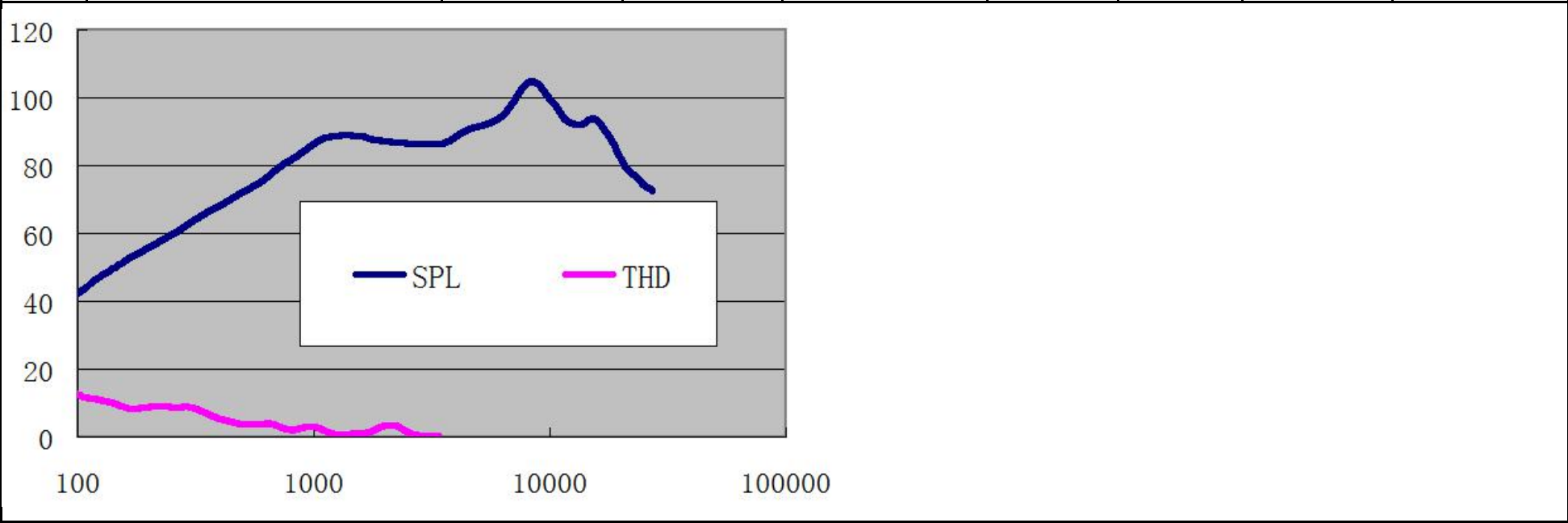
No.	Photo	Model Name	Size(L*W*H)	Frequency Response	Rated power	Max power	Impedance	Resonance Frequency
13		151118(Cavity front out tone ,fit FPC antenna)	15*11*3.0mm	89±3dB/at (1500, 2000, 2500 , 3000)Hz AVG/2Vrms/0.1m	0.8W	1.0W	8±15% ohm	1000±20%Hz



No.	Photo	Model Name	Size (L*W*H)	Frequency Response	Rated power	Max power	Impedance	Resonance Frequency
14		151118 (Cavity dislocation of the sound, fit FPC antenna)	15*11*3.0mm	86±3dB/at (1200, 1500, 2000, 3000)Hz AVG/2Vrms/0.1m	0.7W	1.0W	8±15% ohm	950±20%Hz



No.	Photo	Model Name	Size (L*W*H)	Frequency Response	Rated power	Max power	Impedance	Resonance Frequency
15		151118 (LDS antenna cavity, FPC leads, the sound side)	15*11*3.0mm	87±3dB/at (1500, 2000, 2500, 3000) Hz AVG/2Vrms/0.1m	0.7W	1.0W	6±15% ohm	850±20%Hz



-  Waterproof products technology instruction
-  Waterproof products list

Waterproof products inspection process

1. Airleak test

Test facility :Leak/flow tester

Testing air leak grade : IPX7(10kPa),IPX8(20kPa)



固定待测产品的压力计

Stick the pressure meter of products which need to be tested

待测试产品放置处

The place which products need to be

Air leak testing standard

The air leak testing standard in the world is less then 5sccm as qualified

Our company define air leak standard by ourselves after making experiment repeatedly

Here is our company's definition : When air leak is less then 1sccm , products are qualified .

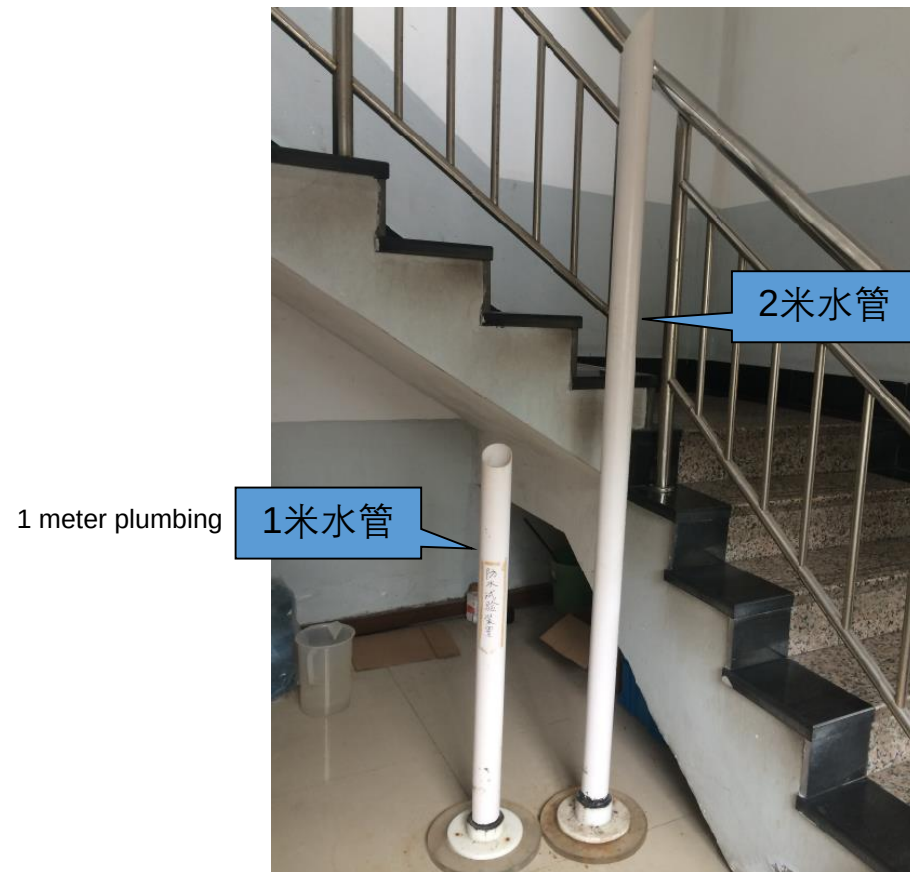
Waterproof products technology instruction

Waterproof inspection process :

2. waterproof testing

Test facility : waterproof testing plumbing

Test waterproof grade : IPX7(1Meter), IPX8(2Meter)



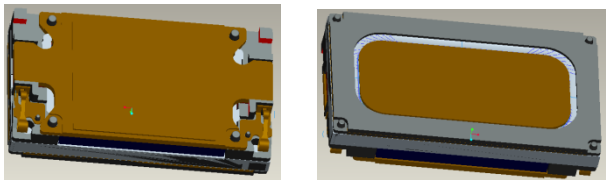
2 Meter plumbing

Making air leak pressure equal to water pressure ,which confirm the accuracy of air leak testing .

 Waterproof products list

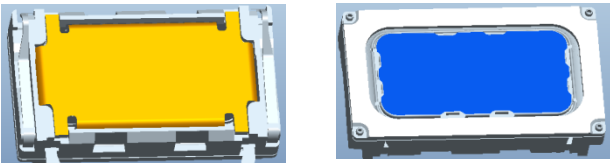
防水产品—IPX7

160911
5 磁路



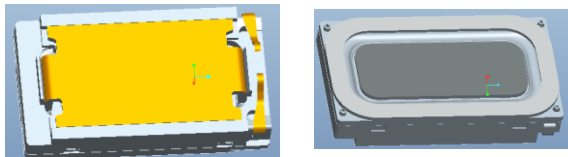
Character	Unit	16*09*H3.0
F0(free)	Hz	450
F0(in 1cc)	Hz	850
ACR	ohm	6
SPL(2.45V/10cm at 2kHz)	dB SPL	94.5
THD(1W/1CC @1kHz)	%	<10%
Rated/Max Power	W	1.0/1.3
Frequency	Hz	500-10k

160915
大磁路



Character	Unit	16*09*H3.0
F0(free)	Hz	550
F0(in 1cc)	Hz	850
ACR	ohm	7
SPL(2.65V/10cm m at 2kHz)	dB SPL	93.5
THD(1W/1CC @1kHz)	%	<10%
Rated/Max Power	W	1.0/1.5
Frequency	Hz	500-10k

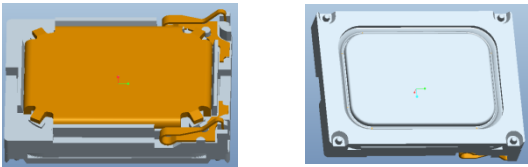
160906
三磁路



Character	Unit	16*09*H3.0
F0(free)	Hz	500
F0(in 1cc)	Hz	850
ACR	ohm	8
SPL(2.6V/10cm at 2kHz)	dB SPL	92
THD(1W/1CC @1kHz)	%	<10%
Rated/Max Power	W	0.6/1.0
Frequency	Hz	500-10k

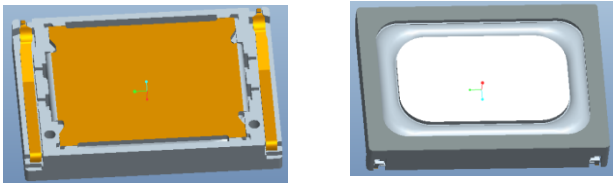
防水产品—IPX7

151124



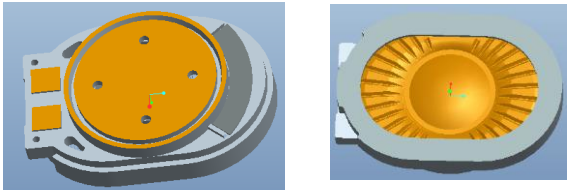
Character	Unit	15*11*H3.0
F0(free)	Hz	500
F0(in 1cc)	Hz	850
ACR	ohm	8
SPL(2V/10cm at 3kHz)	dB SPL	90
THD(0.5W/1CC @1kHz)	%	<10%
Rated/Max Power	W	0.7/1.0
Frequency	Hz	500-10k

181331



Character	Unit	18*13*H2.5
F0(free)	Hz	420
F0(in 1cc)	Hz	850
ACR	ohm	8
SPL(0.7W/10cm at 3kHz)	dB SPL	92
THD(0.7W/1CC @1kHz)	%	<10%
Rated/Max Power	W	0.7/1.0
Frequency	Hz	500-10k

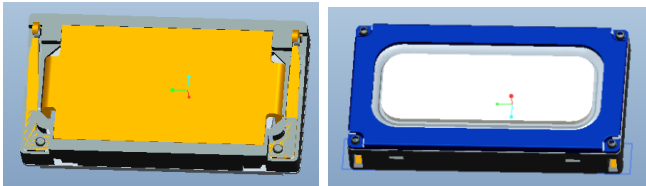
171211



character	Unit	17*12*H3.7
F0(free)	Hz	800
ACR	ohm	8
SPL(2V/5cm at 3kHz)	dB SPL	100
THD(0.5W@1kHz)	%	<15%
Rated/Max power	W	0.7/1.1
Frequency	Hz	700-12k

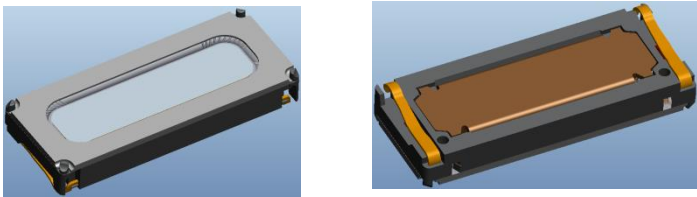
防水产品—IPX7

150801



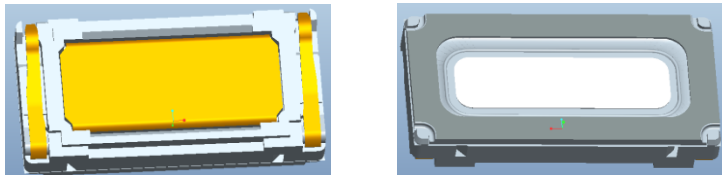
Character	Unit	15*08*H2.8
F0(free)	Hz	700
F0(in 1cc)	Hz	950
ACR	ohm	6.5
SPL(0.7W/10cm at 2kHz)	dB SPL	89
THD(0.7W/1CC @1kHz)	%	<10%
Rated/Max Power	W	0.7/1.0
Frequency	Hz	300-5k

150630



character	Unit	15*06*H2.0
F0(free)	Hz	350
ACR	ohm	32
SPL(0.179V at 1kHz)	dB SPL	111
THD(0.179V@1k Hz)	%	<5%
Rated/Max power	W	10mW/30mW
Frequency	Hz	300-7k

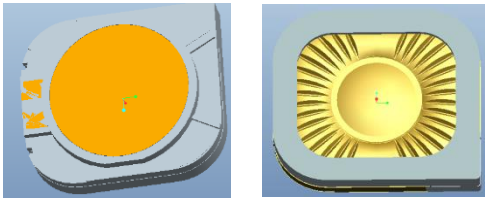
120617



character	Unit	12*06*H2.0
F0(free)	Hz	500
ACR	ohm	32
SPL(800mVrms, with IEC 318 Ear at 1kHz)	dB SPL	125
THD(0.8V with IEC 318 Ear @1kHz)	%	<5%
Rated/Max power	W	20mW/40mW
Frequency	Hz	300-7k

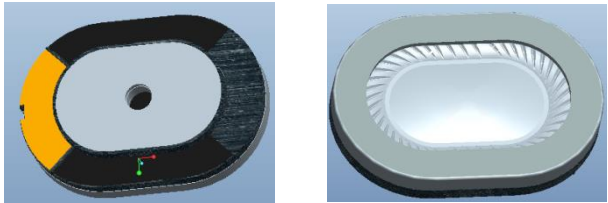
防水产品—IPX8

171501



character	Unit	17*15*H3.6
F0(free)	Hz	700
ACR	ohm	8
SPL(0.5W/0.1m at 2kHz in 1ccbox)	dB SPL	95
THD(0.5W@1kHz)	%	<15%
Rated/Max power	W	0.5/0.8
Frequency	Hz	400-5k

231602



character	Unit	23*16*H4.4
F0(free)	Hz	700
ACR	ohm	8
SPL(0.5W/0.1m at 3kHz)	dB SPL	92
THD(0.5W@1kHz)	%	<15%
Rated/Max power	W	0.5/1.0
Frequency	Hz	400-12k