

CRY602 Artificial Mouth

CRY602 Artificial Mouth is a sound source which simulates the sound field around the human mouth at close quarters. It can be used to testing the acoustic parameters of transmitters and microphones.



Features

- ✓ Complies with standards IEEE 269,661
- ✓ Conforms to Standards: ITU-T Rec. P.51
- ✓ Sound source for acoustic measurement
- ✓ Low distortion
- ✓ Wide frequency response

Technique Specification

CRY602 Artificial Mouth	
Max continuous output SPL	200Hz – 10kHz: 110dB (25mmMRP) 100Hz – 10kHz: 100dB (25mmMRP)
Distortion (THD)	200Hz – 10kHz: <1.5%, <1% (94dB SPL, 25mmMRP)
Frequency Response	94dB ±1 dB (50Hz - 20kHz) after compensation
Impedance	4 Ohm
Continuous Max Power	10W
Instantaneous Max Power	50W (1s)
Mouth Opening Diameter	Ø20mm
Lip Ring	Diameter: Ø51mm Height: 25mm
Diameter	Ø100mm
Height	90mm
Weight	1.0kg
Connector	BNC

Typical Curve

Fig1 driving voltage is 1V (0.25W), the frequency response curve at 25mm (MRP)

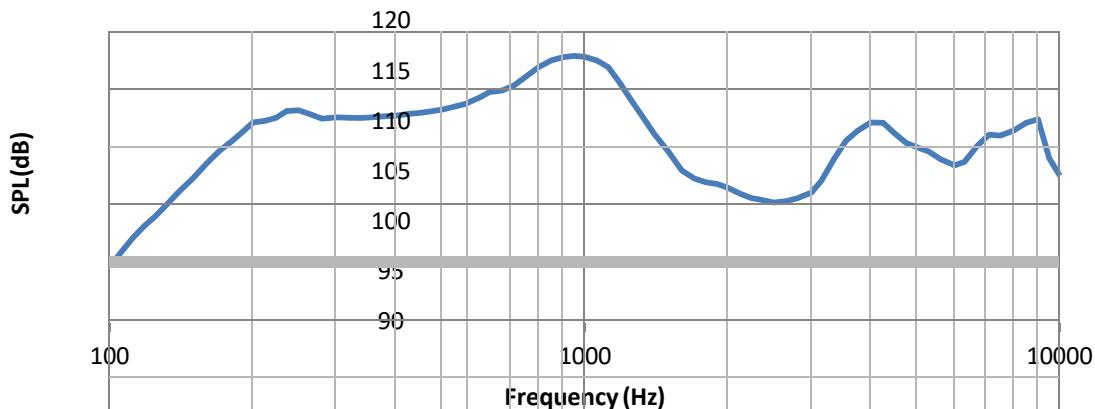


Fig2 the frequency response curve for 94dB after compensation

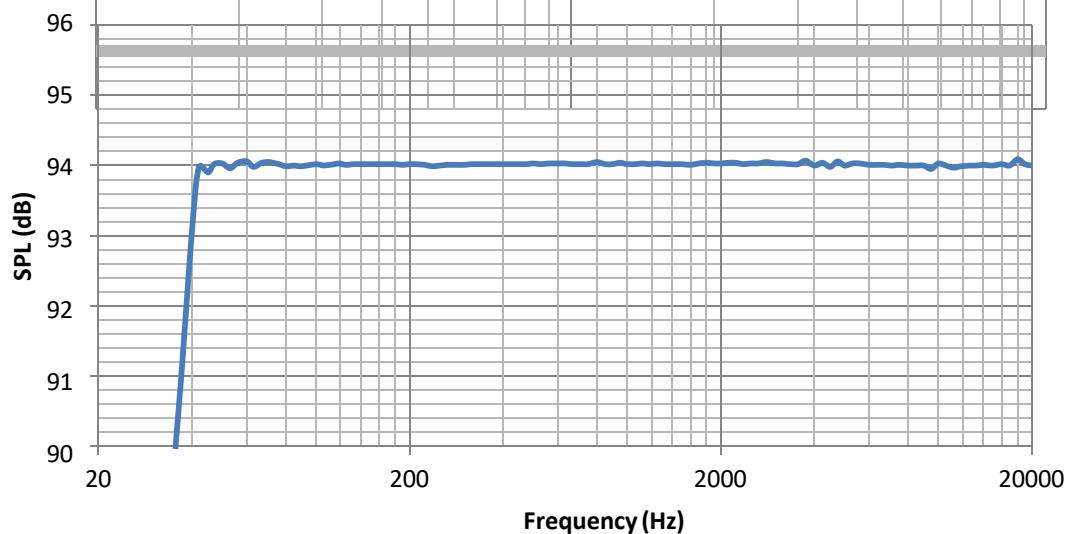


Fig3 the distortion (THD) curve after compensating to SPL 94dB

