

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% (94dBSPL, 25mmMRP) |
| Frequency Response | 94dB \pm 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)

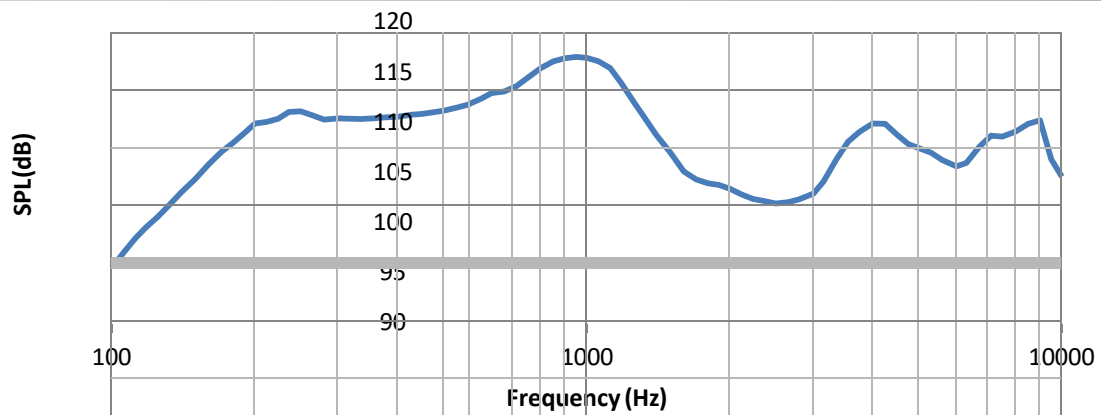


Fig2 the frequency response curve for 94dB after compensation

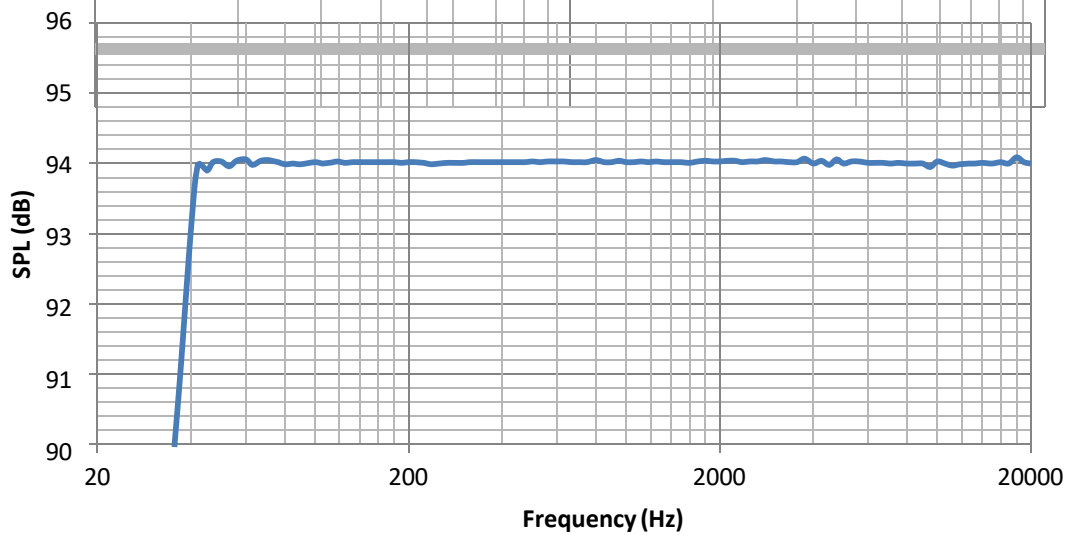


Fig3 the distortion (THD) curve after compensating to SPL 94dB

