

BAM MACHINE

BM15 Centerfire Rifle Silencer Meter Data

Cartridge	Average dB Reading	Average Sound Reduction
7.62x51MM NATO	133.0 dB	35.3 dB
5.56x45MM NATO	131.1 dB	34.9 dB
.300 Blackout Supersonic	128.4 dB	36.6 dB
.300 Blackout Subsonic	123.3 dB	37.7 dB

Cartridge	Firearm Used in Testing	Barrel Length
7.62x51MM NATO	Savage 110 Bolt Action	20.0"
5.56x45MM NATO	AR-15	16.0"
.300 Blackout	AR-15	8.0"

Cartridge	Ammunition Used in Testing
7.62x51MM NATO	Winchester M80 149gr
5.56x45MM NATO	Winchester M855 62gr
.300 Blackout Supersonic	Hornady FTX 135gr
.300 Blackout Subsonic	Rainier Subsonic 180gr

All sound meter readings were taken at-muzzle on the same day in accordance with MIL-STD 1474D using a Bruel & Kjaer 2209 Sound Meter and Bruel & Kjaer 4136 Microphone.