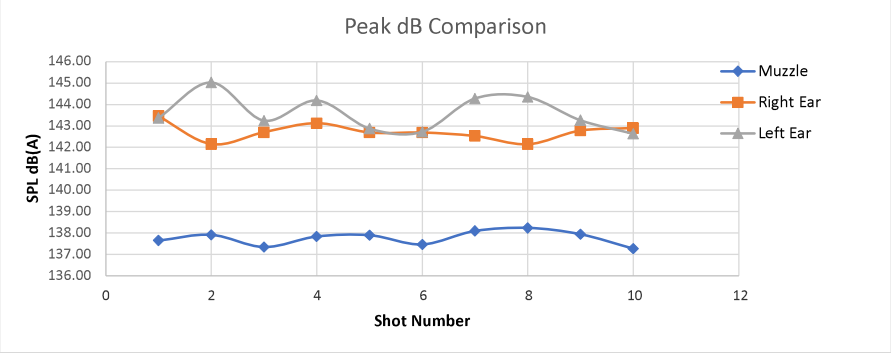
B&T USA LLC
6801 N 54TH ST
TAMPA, FL 33610
813-653-1200

SUPPRESSOR TESTING REPORT

Manufacturer:	Exigent Defense	Metering System:	Bruel & Kjaer Pulse Labshop
Model:	FireTeam556	Model:	B&K Type 3052-A-030 (Three Channel Input Module)
Caliber:	5.56mm	Software Version:	26.1.0.251
Serial Number:	5EDFFP2	Microphone(s):	Free Field
		Proctor(s):	S. Acosta, Testing & Evaluation Manager
Host Weapon System:	Direct Impingment AR15		D. Benavente, Director of Operations
Barrel Length:	11.5"	Location:	Lithia, FL 33527 United States
Ammunition:	Winchester M855 55gr 5.56MM	Weather Conditions:	84 °F, Sunny, 83% Humidity, Fair Condition
		Sea Level Pressure:	29.74 in

		A-Weighted Peak Data dB(A)		
Shot	Time	Left Ear dB(A)	Right Ear dB(A)	Muzzle dB(A)
1	22 Sep 2025: 12:24:15	143.37	143.46	137.64
2	22 Sep 2025: 12:24:15	145.04	142.15	137.91
3	22 Sep 2025: 12:24:32	143.25	142.71	137.34
4	22 Sep 2025: 12:24:48	144.19	143.13	137.83
5	22 Sep 2025: 12:24:48	142.87	142.69	137.89
6	22 Sep 2025: 12:25:05	142.72	142.69	137.47
7	22 Sep 2025: 12:25:22	144.28	142.53	138.09
8	22 Sep 2025: 12:25:22	144.36	142.15	138.23
9	22 Sep 2025: 12:25:41	143.26	142.79	137.94
10	22 Sep 2025: 12:25:58	142.64	142.90	137.27
	AVERAGE	143.60	142.72	137.76
	No Muzzle Device Baseline (Unsuppressed)	163.63	163.82	169.64
	Suppression Delta dB(A)	**-20.03**	**-21.10**	**-31.88**



Proctor Signature: Danny Benavente Digitally signed by Danny Benavente Date: 2025.09.27 22:26:58 -04'00'