

Test Date	Time	Suppressor	Host	Ammo	Caliber	Dry or Wet	Unsuppressed @ Muzzle
22-May-2022	10:00	CGS Kraken	STI Hush 2011	Freedom 165gr	9mm	Dry	157.3
22-May-2022	10:10	Octane 9	AR-15 10.5"	206gr	300 BLK	Dry	159.6
22-May-2022	10:20	Quiet Bore Ti F1	Ruger 22/45 Lite	CCI SV	22 LR	Dry	153.8
22-May-2022	10:30	Quiet Bore Ti F1	Walther PPK/S	CCI SV	22 LR	Dry	155.9
22-May-2022	10:40	Dead Air Mask	TCR/22	American Eagle 45gr SV	22 LR	Dry	138.0
22-May-2022	10:50	Dead Air Mask	Ruger Mk IV Tactical	American Eagle 45gr SV	22 LR	Dry	152.5
22-May-2022	11:00	Dead Air Mask	Walther PPK/S	Federal 36gr	22 LR	Dry	158.0
22-May-2022	11:10	Griffin Optimus 9 Long Config	Rem 700 24"	175gr SMK 43.1gr Varget	.308	Dry	165.2
22-May-2022	11:17	Griffin Optimus 9 Short Config	CZ Scorpion	Federal 147gr	9mm	Dry	157.4
22-May-2022	11:35	Griffin Checkmate	Ruger 10-22	Aguila SSS 60gr	22 LR	Dry	143.0
22-May-2022	11:45	F1	CZ Scorpion	Speer Lawman 147gr	9mm	Dry	155.6
22-May-2022	11:55	F1	AR 10.5"	Harvester 220gr	300 BLK	Dry	162.2
22-May-2022	12:05	SilencerCo Sparrow	S&W M&P C	CCI SV	22 LR	Dry	155.7
22-May-2022	12:20	TacSol Axiom	Kel-Tec CP33	CCI Mini Mag	22 LR	Dry	155.3
22-May-2022	12:30	TacSol Axiom	Kel-Tec CP33	CCI Suppressor HP	22 LR	Dry	152.2
22-May-2022	12:36	F1	Ruger Mark IV	CCI SV	22 LR	Dry	154.6
22-May-2022	12:45	Griffin Checkmate	Savage 93 Bolt	Aguila SSS 60gr	22 LR	Dry	140.8
22-May-2022	12:50	Griffin Checkmate	Savage 93 Bolt	CCI CB Long	22 LR	Dry	133.9
22-May-2022	13:00	TacSol Axiom	Kel-Tec CP33	CCI SV	22 LR	Dry	152.7
22-May-2022	13:05	Griffin Revolution 45/9 9mm Cap	P80 G19	Speer 147gr GDHP	9mm	Dry	161.1
22-May-2022	13:10	SilencerCo Osprey	P220	Handload 230 FMJ	.45 ACP	Dry	162.8
22-May-2022	13:30	SilencerCo Osprey	Beretta 92F	PMC 115gr FMJ	9mm	Dry	160.6

Suppressed @ Muzzle	NSR @ Muzzle	FRP @ Muzzle	Std Dev @ Muzzle	Unsuppressed @ L Ear	Suppressed @ L Ear	NSR @ L Ear	FRP @ L Ear	Std Dev @ L Ear
120.1	37.2	2.5	1.4	152.0	121.8	30.2	1.6	1.6
130.9	28.7	-0.1	1.0	152.7	144.3	8.3	-0.4	0.4
126.5	27.3	3.3	2.1	148.8	121.8	27.0	3.2	1.8
127.1	28.8	5.7	2.5	151.3	123.4	27.9	3.9	2.3
115.3	22.7	-1.2	0.7	135.1	123.3	11.8	0.3	0.7
114.8	37.7	3.3	1.6	145.9	116.6	29.3	0.2	1.7
120.6	37.4	4.7	2.9	152.4	119.1	33.2	0.3	1.6
143.0	22.2	1.5	1.2	160.5	135.3	25.3	2.2	1.8
138.3	19.2	2.6	1.1	152.0	137.1	14.9	1.3	1.1
119.4	23.6	-4.8	2.2	133.8	129.2	4.7	-1.9	1.5
126.8	28.8	-1.5	1.0	157.5	131.1	26.4	-1.3	1.1
129.9	32.4	6.0	2.3	160.5	127.9	32.6	2.9	1.4
118.7	37.0	1.1	1.6	151.1	118.1	32.9	0.0	2.0
123.9	31.4	1.2	1.1	147.9	122.6	25.4	0.2	2.7
118.2	34.0	6.8	2.7	146.6	117.2	29.4	1.8	1.5
116.8	37.7	10.7	3.9	148.4	116.0	32.4	5.4	2.1
118.9	21.8	3.4	2.7	132.8	121.3	11.5	-0.4	1.2
112.6	21.3	-0.7	2.7	127.4	124.2	3.2	-0.2	1.5
119.9	32.8	5.5	2.1	147.1	117.4	29.7	3.0	2.1
137.7	23.4	4.2	1.8	155.9	134.7	21.2	2.6	1.2
135.4	27.4	6.4	2.7	157.5	133.0	24.5	6.9	3.0
131.1	29.5	5.5	2.3	153.4	128.8	24.6	1.6	1.3

Unsuppressed @ R Ear	Suppressed @ R Ear	NSR @ R Ear	FRP @ R Ear	Std Dev @ R Ear	Location	Elevation (Feet ASL)	Protocol	Wind Low - High
152.9	130.2	22.6	-1.2	2.0	Range 1	611	MIL-STD-1474D	0 - 5
149.4	147.7	1.7	-1.1	1.7	Range 1	611	MIL-STD-1474D	0 - 5
149.9	123.0	26.8	4.1	1.8	Range 1	611	MIL-STD-1474D	5 - 10
152.2	123.3	28.9	4.6	1.9	Range 1	611	MIL-STD-1474D	5 - 10
136.2	121.2	15.1	-0.9	1.9	Range 1	611	MIL-STD-1474D	5 - 10
146.3	121.0	25.2	-2.4	1.4	Range 1	611	MIL-STD-1474D	5 - 10
151.9	124.8	27.1	1.0	2.1	Range 1	611	MIL-STD-1474D	5 - 10
160.5	133.1	27.4	-1.0	0.7	Range 1	611	MIL-STD-1474D	5 - 10
151.7	143.0	8.7	-1.6	1.1	Range 1	611	MIL-STD-1474D	5 - 10
139.8	137.7	2.1	-3.9	1.4	Range 1	611	MIL-STD-1474D	5 - 10
156.6	143.3	13.4	0.0	0.6	Range 1	611	MIL-STD-1474D	5 - 10
160.5	138.7	21.8	0.8	1.7	Range 1	611	MIL-STD-1474D	5 - 10
150.6	120.8	29.8	0.8	2.5	Range 1	611	MIL-STD-1474D	5 - 10
148.6	126.5	22.2	1.8	2.2	Range 1	611	MIL-STD-1474D	5 - 10
146.3	122.3	24.0	-1.9	1.4	Range 1	611	MIL-STD-1474D	5 - 10
149.1	121.5	27.5	3.9	2.4	Range 1	611	MIL-STD-1474D	5 - 10
133.9	118.8	15.0	-0.7	1.4	Range 1	611	MIL-STD-1474D	5 - 10
129.3	119.0	10.2	-2.1	1.6	Range 1	611	MIL-STD-1474D	5 - 10
148.0	121.6	26.4	0.0	1.1	Range 1	611	MIL-STD-1474D	5 - 10
155.0	139.9	15.2	1.1	0.9	Range 1	611	MIL-STD-1474D	5 - 10
157.2	133.6	23.6	5.8	2.5	Range 1	611	MIL-STD-1474D	5 - 10
153.6	128.0	25.6	1.6	1.6	Range 1	611	MIL-STD-1474D	5 - 10

Meter Mic Calibrator	Temperature F*	Humidity %	Pressure In Hg	Speed of Sound FPS
800B 4938 CA250	74	82%	30.16	1133
800B 4938 CA250	74	82%	30.16	1133
800B 4938 CA250	74	82%	30.16	1133
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800B 4938 CA250	74	82%	30.16	1133
800B 4938 CA250	74	82%	30.16	1133
800B 4938 CA250	74	82%	30.16	1133
800B 4938 CA250	79	71%	30.16	1139
800B 4938 CA250	79	71%	30.16	1139
800B 4938 CA250	79	71%	30.16	1139
800B 4938 CA250	79	71%	30.16	1139
800B 4938 CA250	78	71%	30.16	1138
800B 4938 CA250	78	71%	30.14	1138
800B 4938 CA250	78	71%	30.14	1138
800B 4938 CA250	81	71%	30.14	1141
800B 4938 CA250	81	55%	30.14	1141
800B 4938 CA250	86	55%	30.14	1146
800B 4938 CA250	86	55%	30.13	1146
800B 4938 CA250	86	55%	30.13	1146
800B 4938 CA250	86	55%	30.13	1146
800B 4938 CA250	86	55%	30.13	1146
800B 4938 CA250	85	59%	30.13	1145

Raw Data Sheet Name

CGS Kraken - STI Hush 2011 - Freedom 165gr - 9mm
Octane 9 - AR-15 10-5 - 206gr - 300 BLK
F1 Quiet Bore Ti - Ruger 22-45 Lite - CCI SV - 22 LR
F1 Quiet Bore Ti - Walther PPK-S - CCI SV - 22 LR
Dead Air Mask - TCR-22 - American Eagle 45gr SV - 22 LR
Dead Air Mask - Ruger Mk IV Tactical - American Eagle 45gr SV - 22 LR
Dead Air Mask - Walther PPK-S - Federal 36gr - 22 LR
Griffin Optimus 9 Long Config - Rem 700 24 - 175gr SMK Varget - 308
Griffin Optimus 9 Short Config - CZ Scorpion - Federal 147gr - 9mm
Griffin Checkmate - Ruger 10-22 - Aguila SSS 60gr - 22 LR
F1 - CZ Scorpion - Speer Lawman 147gr - 9mm
F1 - AR 10.5 - Harvester 220gr - 300 BLK
SilencerCo Sparrow - SW MP C - CCI SV - 22 LR
TacSol Axiom - Kel-Tec CP33 - CCI Mini Mag - 22 LR
TacSol Axiom - Kel-Tec CP33 - CCI Suppressor HP - 22 LR
F1 - Ruger Mark IV - CCI SV - 22 LR
Griffin Checkmate - Savage 93 Bolt - Aguila SSS 60gr - 22 LR
Griffin Checkmate - Savage 93 Bolt - CCI CB Long - 22 LR
TacSol Axiom - Kel-Tec CP33 - CCI SV - 22 LR
Griffin Revolution 45 9 9mm Cap - P80 G19 - Speer 147gr GDHP - 9mm
Silencer Co Osprey - P220 - Handload 230 FMJ - 45 ACP
Silencer Co Osprey - Beretta 92F - PMC 115gr FMJ - 9mm