

**Information provided on 1 May 2007 by:**

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For reference, the tables show the *unweighted* peak levels (i.e., no filters, and not taking into account any mitigation or safety structures) for an M-60 machine gun so that the reader may get a feel for the directivity and distance decay of small arms noise.

*Note: the 0° azimuth is directly in front of the weapon and the 180° azimuth is directly behind the weapon.*

**PREDICTED PEAK FOR M-60 (7.62 mm) MACHINE GUN, 25 METER TARGET.**

<b>Distance, meters</b> <i>(from weapon to receiver)</i>	<b>Predicted Level, dBP</b> <b>Azimuth</b>		
	<b>0°</b>	<b>90°</b>	<b>180°</b>
50	121-131	117-127	107-117
100	114-124	110-120	101-111
200	108-118	103-113	94-104
400	97-107	92-101	83-93
800	88-98	83-93	75-85
1,600	80-90	74-84	67-77

**PREDICTED PEAK FOR M-60 (7.62 mm) MACHINE GUN, 200 METER TARGET.**

<b>Distance, meters</b> <i>(from weapon to receiver)</i>	<b>Predicted Level, dBP</b> <b>Azimuth</b>		
	<b>0°</b>	<b>90°</b>	<b>180°</b>
50	n/a	117-127	106-116
100	n/a	110-120	101-111
200	n/a	103-113	94-104
400	97-107	91-101	83-93
800	88-98	83-93	75-85
1,600	80-90	74-84	67-77

**PREDICTED PEAK FOR M-60 (7.62 mm) MACHINE GUN, 400 METER TARGET.**

<b>Distance, meters</b> <i>(from weapon to receiver)</i>	<b>Predicted Level, dBP</b> <b>Azimuth</b>		
	<b>0°</b>	<b>90°</b>	<b>180°</b>
50	n/a	117-127	106-116
100	n/a	110-120	101-111
200	n/a	102-112	94-104
400	n/a	92-111	83-93
800	88-98	83-93	75-85
1,600	80-90	74-84	67-77

**PREDICTED PEAK FOR M-60 (7.62 mm) MACHINE GUN, 800 METER TARGET.**

<b>Distance, meters</b> <i>(from weapon to receiver)</i>	<b>Predicted Level, dBP</b> <b>Azimuth</b>		
	<b>0°</b>	<b>90°</b>	<b>180°</b>
50	n/a	116-126	106-116
100	n/a	110-120	101-111
200	n/a	103-113	94-104
400	n/a	91-101	83-93
800	n/a	83-93	75-85
1,600	80-90	74-84	67-77