

Below is the Optyma Inverter sound spectrum:

Model No - OP-MPLM044VVLP01E

Sound Pressure level, dB (A) for condensing unit at 30 Hz							
1/1 Octave Frequency, Hz	Background noise	Location 1	Location 2	Location 3	Location 4	Average SPL	STDV
125	20.0	55.9	55.4	55.1	55.4	55.4	0.3
250	19.6	62.1	62.1	63.8	63.5	62.9	0.9
500	19.8	66.6	66.3	66.6	66.0	66.4	0.3
1000	20.6	65.6	65.3	65.8	65.5	65.5	0.2
2000	15.9	62.0	61.9	62.5	61.9	62.1	0.3
4000	12.3	55.9	55.7	56.4	55.5	55.9	0.4
8000	12.4	44.2	44.0	45.4	44.1	44.4	0.7
Overall SPL level	23.2	70.8	70.7	70.8	70.8	70.8	0.1

Sound Pressure level, dB (A) for condensing unit at 100 Hz							
1/1 Octave Frequency, Hz	Background noise	Location 1	Location 2	Location 3	Location 4	Average SPL	STDV
125	20.0	57.7	56.8	55.4	58.3	57.1	1.3
250	19.6	63.1	62.5	63.8	62.3	62.9	0.7
500	19.8	68.6	68.8	69.2	68.8	68.8	0.2
1000	20.6	66.4	66.9	66.9	66.5	66.7	0.2
2000	15.9	67.0	66.4	65.4	64.2	65.7	1.2
4000	12.3	60.6	59.0	58.7	56.8	58.8	1.5
8000	12.4	49.1	47.5	47.8	47.4	47.9	0.8
Overall SPL level	23.2	73.1	73.0	73.1	72.6	72.9	0.3