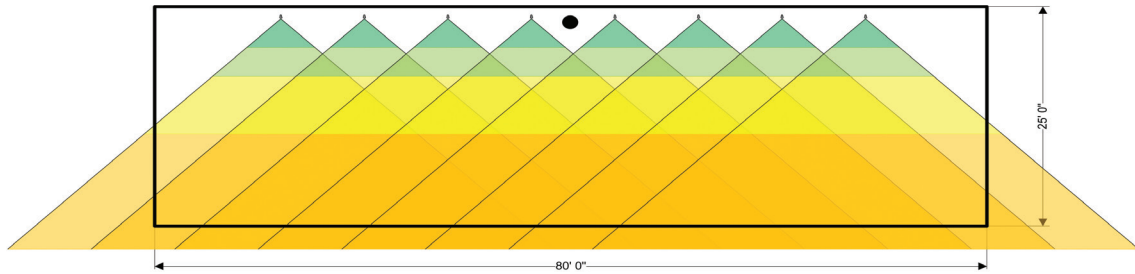
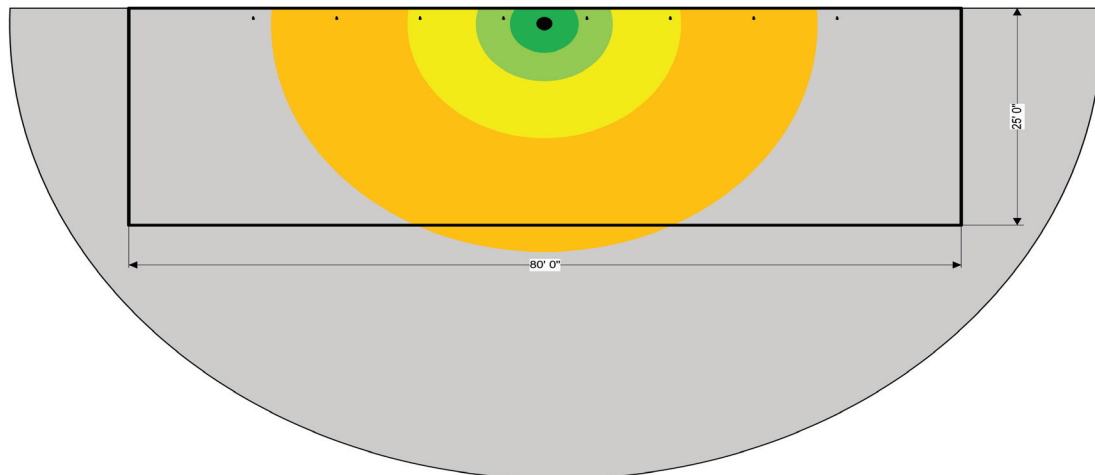


SONARRAY SOUND COVERAGE CALCULATOR

80' x 25' Area = 2,000 square feet, Satellite spacing is 8' center to center



DISTANCE	DISTANCE	SPL @	SPL @	SPL @	SPL @
Meters	Feet	50 watts	75 watts	100 watts	125 watts
1	3.28	106.0	107.5	109.0	110.0
2	6.56	100.0	101.5	103.0	104.0
4	13.12	94.0	95.5	97.0	98.0
8	26.25	88.0	89.5	91.0	92.0
16	52.49	82.0	83.5	85.0	86.0



DESCRIPTION	SOUND LEVEL	EXAMPLE
Barely Audible	0 dB	Threshold of Hearing
	10 dB	Rustling Leaf
Very Quiet	20 dB	Quiet Room
	30 dB	Soft Whisper
Quiet	40 dB	Quiet Library
	50 dB	Average Home
Moderately Loud	60 dB	Ordinary Conversation, Light Traffic
	70 dB	Vacuum Cleaner, Heavy Traffic
Very Loud	80 dB	Garbage Disposal
	87 dB	Average Listening Level
	90 dB	Diesel Truck (10 m away)
Uncomfortably Loud	100 dB	Newspaper Press
THX Reference Level @ 3 m	THX Reference Level @ 3 m	THX Reference Level @ 3 m
Jet Flyover at 300 m	Jet Flyover at 300 m	Jet Flyover at 300 m
Threshold of Pain, Thunderclap	Threshold of Pain, Thunderclap	Threshold of Pain, Thunderclap

EXPOSURE TIME	EXPOSURE LEVEL (measured in dB SPL)
8 Hours	90 dB SPL
6 Hours	92 dB SPL
4 Hours	95 dB SPL
3 Hours	97 dB SPL
2 Hours	100 dB SPL
102 dB SPL	102 dB SPL
105 dB SPL	105 dB SPL
110 dB SPL	110 dB SPL
115 dB SPL	115 dB SPL