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Material	Absorption Rate	
Plasterboard/Drywall	3-5 dB	
Glass wall and metal frame	6 dB	
Metal door	6-10 dB	
Window	3 dB	
Concrete wall	6- 15 dB	
Brick wall	4-6 dB	
	2	



















Distance (miles)	2.4 GHz signal	5 GHz signal
0.5	98.36	104.56
1	104.38	110.58
1.5	107.91	114.10
2	110.40	116.60
2.5	112.34	118.54
3	113.93	120.12
4	116.42	122.62
5	118.36	124.56
10	124.38	130.58





