

## Minimum Vectoring Altitude CHART

The diagram is a polar plot representing the radiation pattern of a horn antenna at 80 MHz. It consists of several concentric circles centered on a point labeled '3000'. The radial axis represents distance in Nautical Miles (NM), with labels at 0, 10, 20, 30, 40, 50, 60, and 80 NM. The angular axis represents bearing in degrees, with labels every 10 degrees from 030° to 250°, plus additional labels at 040°, 050°, 064°, 074°, 084°, 120°, 155°, 180°, 195°, 215°, and 230°. Radial lines extend from the center to the outer edge of the plot. Along these lines, various numerical values are plotted, likely representing signal strength or power density. These values include 3000, 2000, 1500, 1000, 500, 300, 200, 100, 50, 25, 12.5, 6.25, 3.125, 1.5625, 0.78125, 0.390625, 0.1953125, 0.09765625, 0.048828125, 0.0244140625, 0.01220703125, 0.006103515625, 0.0030517578125, 0.00152587890625, 0.000762939453125, 0.0003814697265625, 0.00019073486328125, 0.000095367431640625, 0.0000476837158203125, 0.00002384185791015625, 0.000011920928955078125, 0.0000059604644775390625, 0.00000298023223876953125, 0.000001490116119384765625, 0.0000007450580596923828125, 0.00000037252902984619140625, 0.000000186264514923095703125, 0.0000000931322574615478515625, 0.00000004656612873077392578125, 0.000000023283064365386962890625, 0.0000000116415321826934814453125, 0.00000000582076609134674072265625, 0.000000002910383045673370361328125, 0.0000000014551915228366851806640625, 0.00000000072759576141834259033203125, 0.000000000363797880709171295166015625, 0.0000000001818989403545856475830078125, 0.00000000009094947017729282379150390625, 0.000000000045474735088646411895751953125, 0.0000000000227373675443232059478759765625, 0.00000000001136868377216160297393798828125, 0.000000000005684341886080801486968994140625, 0.0000000000028421709430404007434844970703125, 0.00000000000142108547152020037174224853515625, 0.000000000000710542735760100185871124267578125, 0.0000000000003552713678800500929355621337890625, 0.00000000000017763568394002504646778106689453125, 0.000000000000088817841970012523233890533447265625, 0.0000000000000444089209850062616169452667236328125, 0.00000000000002220446049250313080847263336181640625, 0.000000000000011102230246251565404236316680908203125, 0.0000000000000055511151231257827221181583340541015625, 0.00000000000000277555756156289136105907916702705078125, 0.000000000000001387778780781445680529539583513525390625, 0.0000000000000006938893903907228402647697917567626953125, 0.00000000000000034694469519536142013238489587838134765625, 0.000000000000000173472347597680710066192447939190673828125, 0.0000000000000000867361737988403550330962239695953369140625, 0.00000000000000004336808689942017751654811198479766845703125, 0.000000000000000021684043449710088758274055992398834228515625, 0.0000000000000000108420217248550443791370279961994171142578125, 0.00000000000000000542101086242752218956851399809970855712890625, 0.000000000000000002710505431213761094784256999049854278564453125, 0.0000000000000000013552527156068805473921284995249271392822265625, 0.00000000000000000067762635780344027369606424976246356964111328125, 0.000000000000000000338813178901720136848032124881231784820556640625, 0.0000000000000000001694065894508600684240160624406158924102783203125, 0.00000000000000000008470329472543003421200803122030794620513916015625, 0.000000000000000000042351647362715017106004015610153973102569580078125, 0.0000000000000000000211758236813575085530020078050769865512847900390625, 0.00000000000000000001058791184067875427650100390253849327564239501953125, 0.000000000000000000005293955920339377138250501951269246637821197509765625, 0.0000000000000000000026469779601696885691252509756346233189105987548828125, 0.00000000000000000000132348898008484428456262548781731165945529937744140625, 0.000000000000000000000661744490042422142281312743908655829727649688720703125, 0.0000000000000000000003308722450212110711406563719543279148638248443603515625, 0.00000000000000000000016543612251060553557032818597716395743191242218017578125, 0.000000000000000000000082718061255302767785164092988581978715956211090087890625, 0.0000000000000000000000413590306276513838925820464942909893579781054450439453125, 0.00000000000000000000002067951531382569194629102324714549467898905272252197265625, 0.000000000000000000000010339757656912845973145511623572747339494526361260986328125, 0.00000000000000000000000516987882845642298657275581178637366974726318063049316