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Subject: Re: Ham Radio Range

Posted by [gofar99](#) on Thu, 24 Oct 2013 22:27:06 GMT

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Hi Depending on the frequency band, antenna type and power output of the transmitter the range can be world wide. On lower bands such as 40 and 80 meters (roughly 3.5 and 7.2 MHZ) a modest sized transmitter (say 250 watts) can easily do a 1000 miles. The signal will bounce off the ionosphere and travel a long way. The sensitivity and selectivity of the receiver is equally important. At higher frequencies the range is less and by the time you reach about 100 MHZ it is largely line of sight for amateur gear.

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