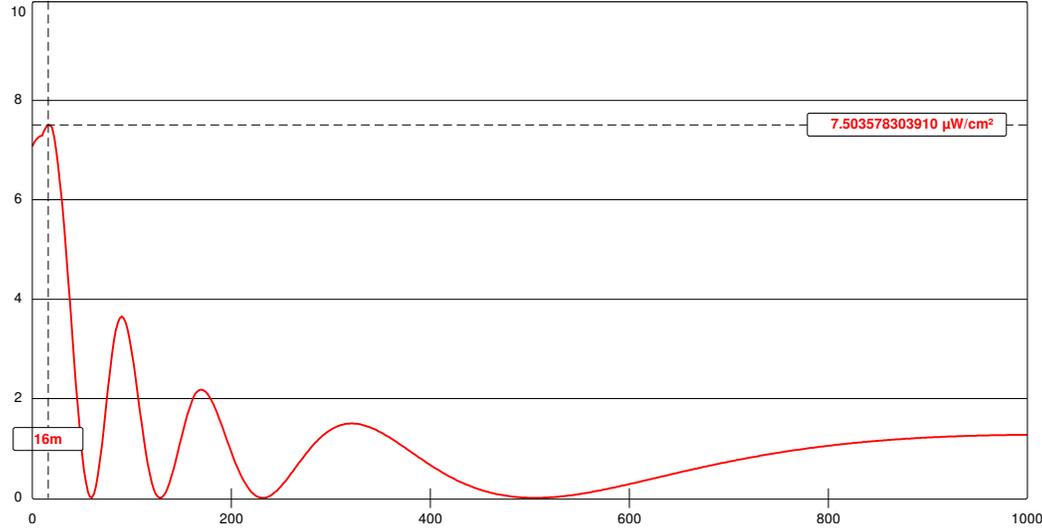




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FM Model

The FM Model calculator determines the potential exposure from radiofrequency (RF) electromagnetic fields produced by FM broadcast station antennas at ground level. The FM Model software was originally developed by the FCC in 1997 as a standalone executable program and this improved version provides more precise predictions and runs via a JavaScript enabled web browser. The FM Model is originally based on measured data published in 1985 by the EPA (<http://nepis.epa.gov/Exe/ZyNET.exe/2000ED2W.TXT?ZyActionD=ZyDocument&Client=EPA&Index=1981+Thru+1985&Docs=&Query=&Time=&EndTime=&SearchMethod=1&TocRestrict=n&Toc=&TocEntry=&QField=&QFieldYear=&QFieldMonth=&QFieldDay=&IntQFieldOp=0&ExtQFieldOp=0&XmQuery=&File=D%3A\zyfiles\Index%20Data\81thru85\Txl\00000003\2000ED2W.txt&User=ANONYMOUS&Password=anonymous&SortMethod=hj-&MaximumDocuments=1&FuzzyDegree=0&ImageQuality=r75q8/r75q8/x150y150q16/i425&Display=plf&DefSeekPage=x&SearchBack=ZyActionL&Back=ZyActionS&BackDesc=Results%20page&MaximumPages=1&ZyEntry=1&SeekPage=x&ZyPURL>). [▼ Show More....](#)



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Channel Selection	Channel 204 (88.7 MHz)		
Antenna Type +	EPA Type 1: Ring-and-Stub or "Other"		
Height (m)	117	Distance (m)	1000
ERP-H (W)	50000	ERP-V (W)	50000
Num of Elements	6	Element Spacing (λ)	.75
Num of Points	500	Apply	

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