

An interactive Smith Chart and lots of other good (free stuff) one can be found at:

<http://www.fritz.dellsperger.net/downloads.htm>

Alternatively or in addition you can use AMANOGAWA (only works when you have a web connection)

<http://www.amanogawa.com/>

A very nice (free) paper on S-parameters is at:

<http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6668983>

The ESA multipactor calculator is available from (runs stand alone)

<http://multipactor.esa.int/>

Agilent application notes (lots of very good stuff e.g. wrt spectrum- and networkanalyzers) are available at

<http://www.home.agilent.com/agilent/editorial.jsp?cc=AW&lc=eng&ckey=873895&id=873895>

Everything about decibels is here (from Rhode and Schwarz):

http://www.rohde-schwarz.com/en/applications/db-or-not-db-application-note_56280-15534.html

The Feynman cavity at high frequencies derivation can be downloaded (e.g.) from

<http://www.peaceone.net/basic/Feynman/V2%20Ch23.pdf>

a Very comprehensive tutorial on electronic noise is at

<http://www.repeater-builder.com/tech-info/pdfs/richard-j-mohr-on-receiver-noise.pdf>

and my own papers can be (nearly all) downloaded from CERN CDS <http://cds.cern.ch/?ln=en> via

http://cds.cern.ch/search?ln=en&sc=1&as=1&m1=a&p1=caspers&f1=author&op1=a&m2=a&p2=&f2=&op2=a&m3=a&p3=&f3=&action_search=Search&dt=&d1d=&d1m=&d1y=&d2d=&d2m=&d2y=&sf=&so=a&rm=&rg=10&sc=1&of=hb&c=Articles+%26+Preprints&c=Books+%26+Proceedings&c=Presentations+%26+Talks&c=Periodicals+%26+Progress+Reports&c=Multimedia+%26+Outreach

or just going into advanced search and typing CASPERS in the author field