



elor and master theses. Of course it is possible to discuss wi	;ts,
ebl) Sonf 852)
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199	991)

ording to Schelkunoff #MS

alculate the shielding effiency of a planar metallic wall is a standard fect of boxes or enclosures. The calculation is done in the frequency less, measurement methods and characteristics to assess the transit he literature.

shielding efficiency the shielding efficienty the time domain

nalysis+of+the+Transient+Shielding+Effiency+According+to+Schelkunoff+_MS-p-

x #PRAC

of electromagnetic compatibility like galvanic, capacitive and inductive bonding, filtering and shielding can be more easily understood if the n units or "demo boxes" have been popular for several decades

ıits

s/IP+Development+and+Construction+of+an+EMC+Demo+Box+_PRAC-p-508.htm

er Test in a Reverberation Chamber #MEAS #MSC

ommonly used to test the immunity against high intensity radiated gh quality factor and low losses. In the steady state, the input power ver loss in the empty chamber and the chamber loaded with the devist can be determined.

rement+of+the+Coupled+Power+to+a+Device+Under+Test+in+a+Reverberation+(in the context of the c

two Helix Antennas in a Reverberation Chamber #MEAS #MSC

ibers can be described statistically. This description covers the he spatial correlation between nearby field points. Usually, the field a linary parts of the complex phasors of the field components are From this follows that the field is statistically homogenous, isotropic, also the maximum values of the field components and therefore the lined.

rement+of+the+Scattering+Parameters+Between+two+Helix+Antennas+in+a+Rev

early Loaded Transmission Networks #MS #MSC

paths of external electromagnetic fields into connected devices and esses occur that can be regarded as transmission line networks. at least in the far field region.

ation+of+the+Plane+Wave+Coupling+to+Non_Linearly+Loaded+Transmission+Ne

e Plane Wave Integral Representation #MSC #MS

d complex shaped resonators (e.g. car bodies, aircraft fuselages, ...) h a description is of little value, as a small change in frequency, in the smay lead to a completely different field pattern. Therefore, a so be experimentally reproduced in reverberation chambers. If a has to be described statistically. For this, several methods exist, as presentation.

arison+of+the+Random+Coupling+Model+with+the+Plane+Wave+Integral+Repre

I incandescent lamps LED lamps are increasingly used for lighting. age rectifiers, which are in turn the cause of undesired harmonics.

;/Power+Quality+of+LED+lamps+_MEAS+_PQ-p-224.html)

quality analysis #PRAC #PQ

quipment, which considerably influences the power quality in ases the devices cause unwanted operating states in the network. We note that the network is not provided and evaluated.

ct recording, digitalization and storage but also an automated analys nent results.

+and+optimisation+of+a+test+system+for+power+quality+analysis+_PRAC+_PQ-

;)

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