EMCIS

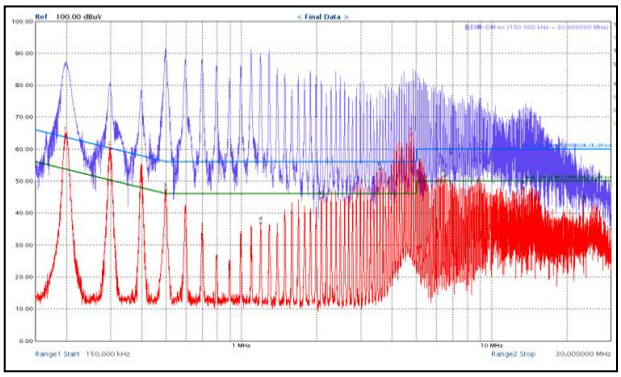
EMI Analyzer
EA-300

New Model

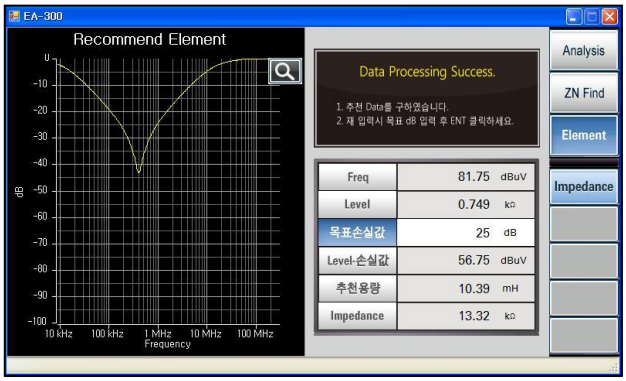
- FAST EMI Solution Provider
- Just Fitted Components selection
- Mostly suitable Circuit design

Principles

- Analyzing EMI noises in characteristics respectively, Common-Mode and Differential-Mode
- Source Impedance Analysis
- Selectable exact components capacities and characteristics
- Designable EMI Filters



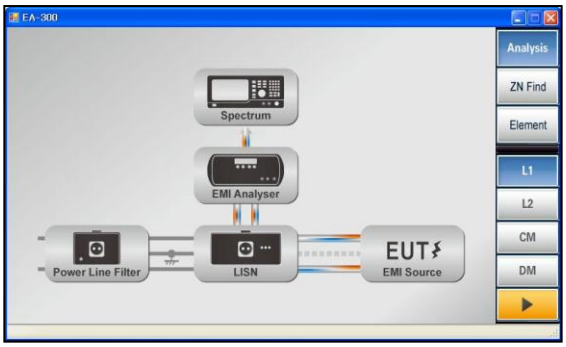
- Analyzing source Impedance
- Selecting the suitable components
- Providing the attenuation performance of the selected components



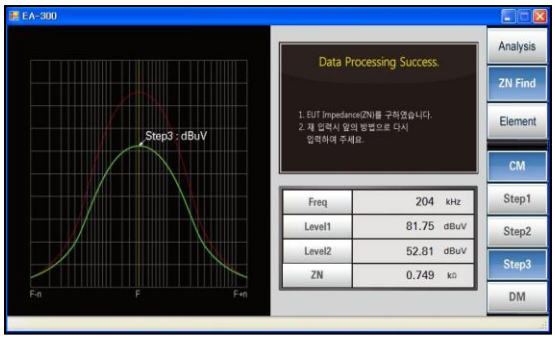
Specification

Frequency Range	9kHz ~ 300MHz
Mode test mode Analysis mode	(Line 1, Line 2) Differential , Common mode
Signal loss	9kHz~30MHz (2dB max) 30MHz~300MHz (3dB max)
CM/DM Separation	9kHz~30MHz (40dB Min) 30MHz~300MHz (30dB Min)
Input sensitivity	-97dBm (10dBuV)
Noise	10dBuV Max
Max RF Input	0dB attenuator (110dBuV)
Input dynamic range	100dB
Display	7 Inch wide
Operating System	Embedded XP
Input impedance	50ohm
Input connectors	BNC 50Ω
Output connectors	BNC 50Ω
Input Voltage	AC100V~ 240V 50/60Hz

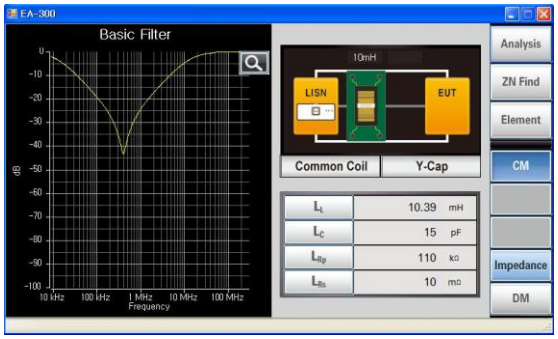
EMI Noise Solution Process



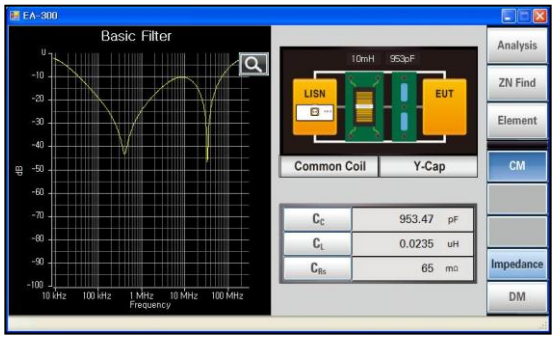
Noise measurement & analysis – Differential-Mode and Common-Mode (L1,L2,CM,DM)



Attenuation target selection

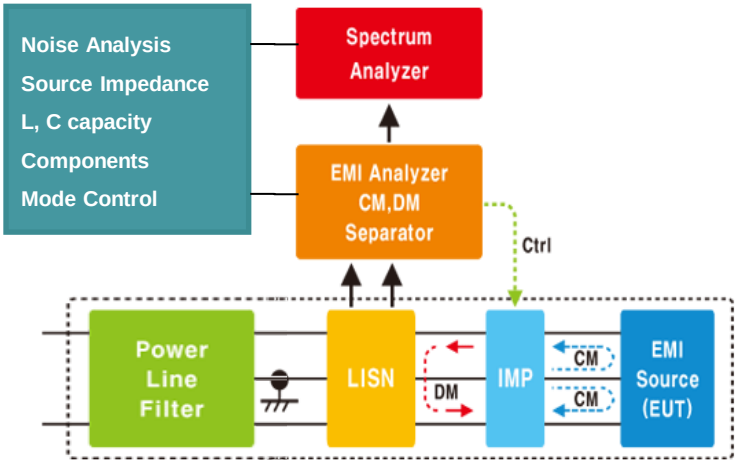


Providing/Showing the capacity and characteristics of the selected components to achieve the target



Designed filter information and the performance display

System Configuration



Process chart

EA-300 Rack System

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