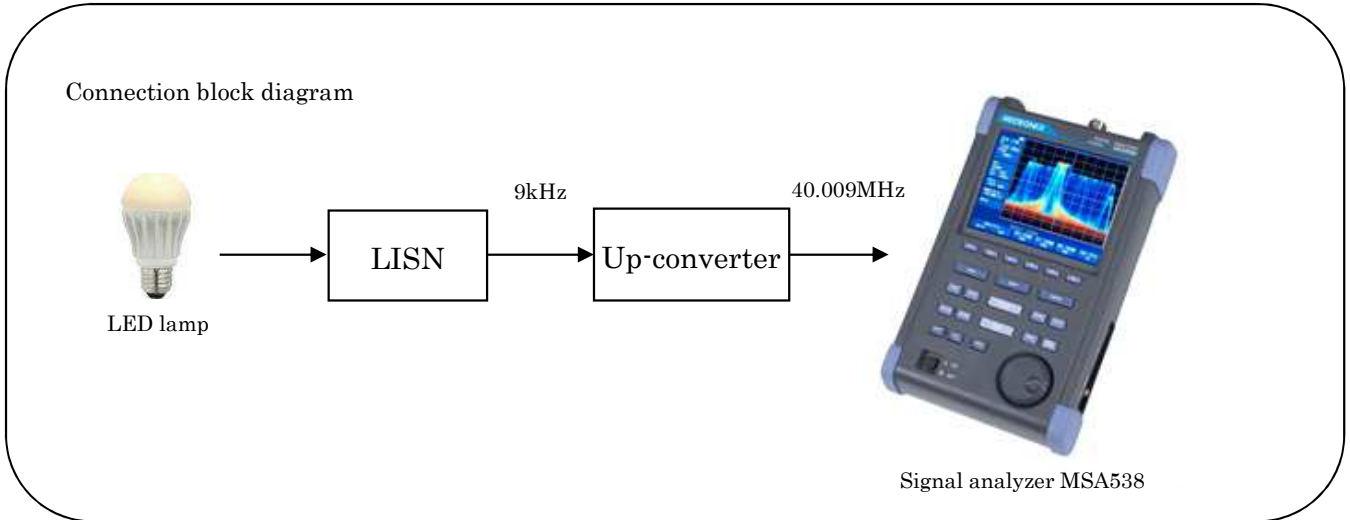


Conducted emission noise measurement LED lamp with signal analyzer

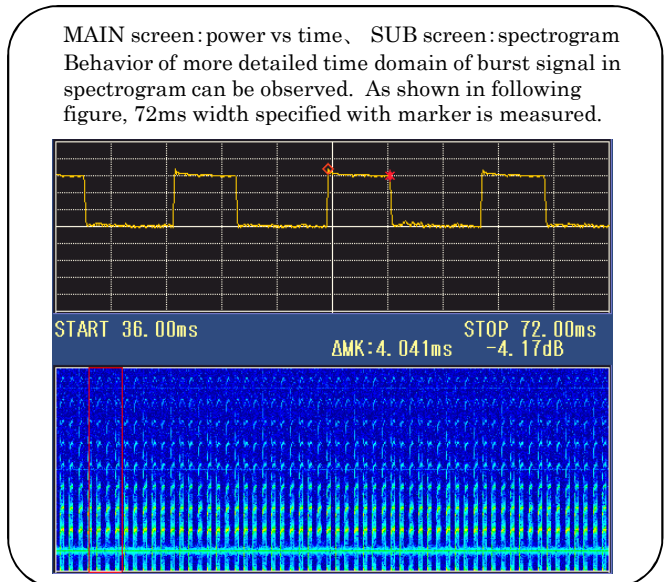
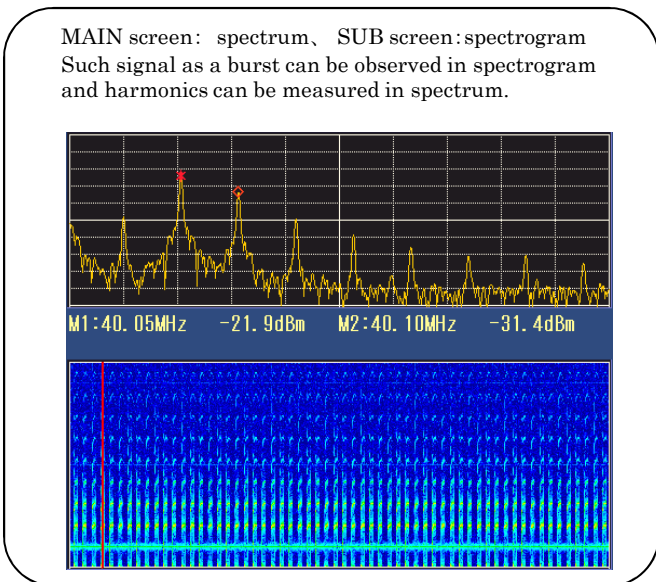
◇The conducted emission noise of LED lamp is easily analyzable using a handheld real time signal analyzer.

Application



Solution

- Connect AC line of LED lamp to LISN and then connect LISN output to up-converter.
- Lower limit frequency of 20kHz of MSA538 will be improved to 9kHz by an up-converter.
- With a signal analyzer, the signal is analyzable in both frequency domain and time domain.



System configuration

Signal analyzer [MSA538]	×1
LISN	×1
Up-converter	×1