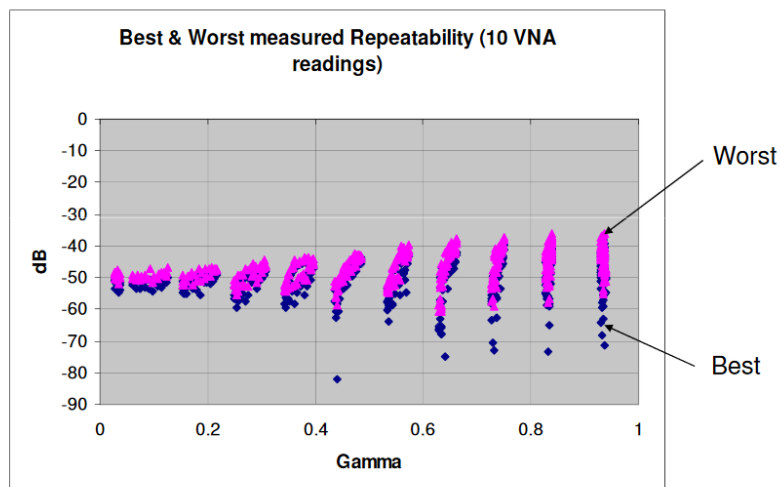


Electronic VNA Jitter and Effect on Tuner Repeatability Data

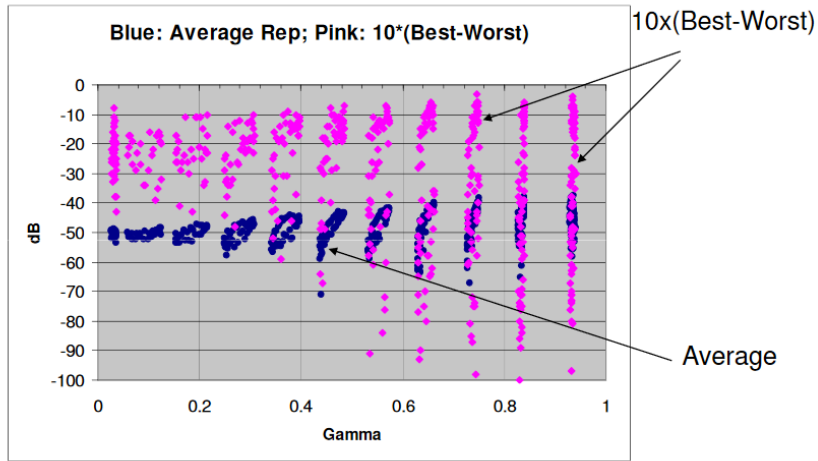
The Analysis...

- We have observed that VNA readings vary, even if there is averaging ON.
- This can affect the measured "Tuner Repeatability", especially if the value measured is below -40dB (1%) and at high Γ values.
Measuring is more than Instrument Reading.
- We therefore run Repeatability Tests using various VNA types and reading 10 times, before moving the tuner.
- The results are presented as "Best", "Worst", "Average" and "Best-minus-Worst" cases.

HP-8753D



HP-8753D



Agilent PNA

