

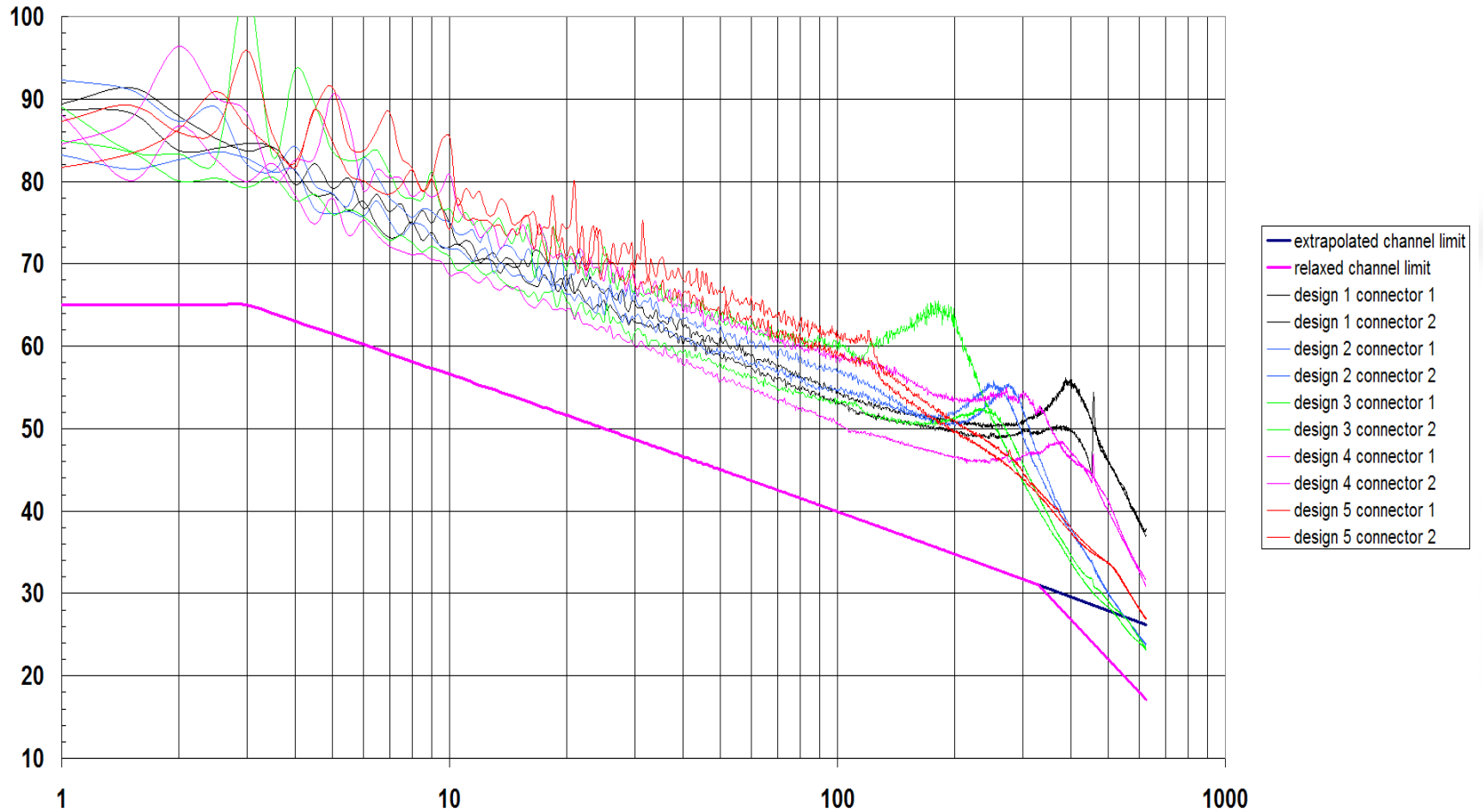
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SOLUTIONS

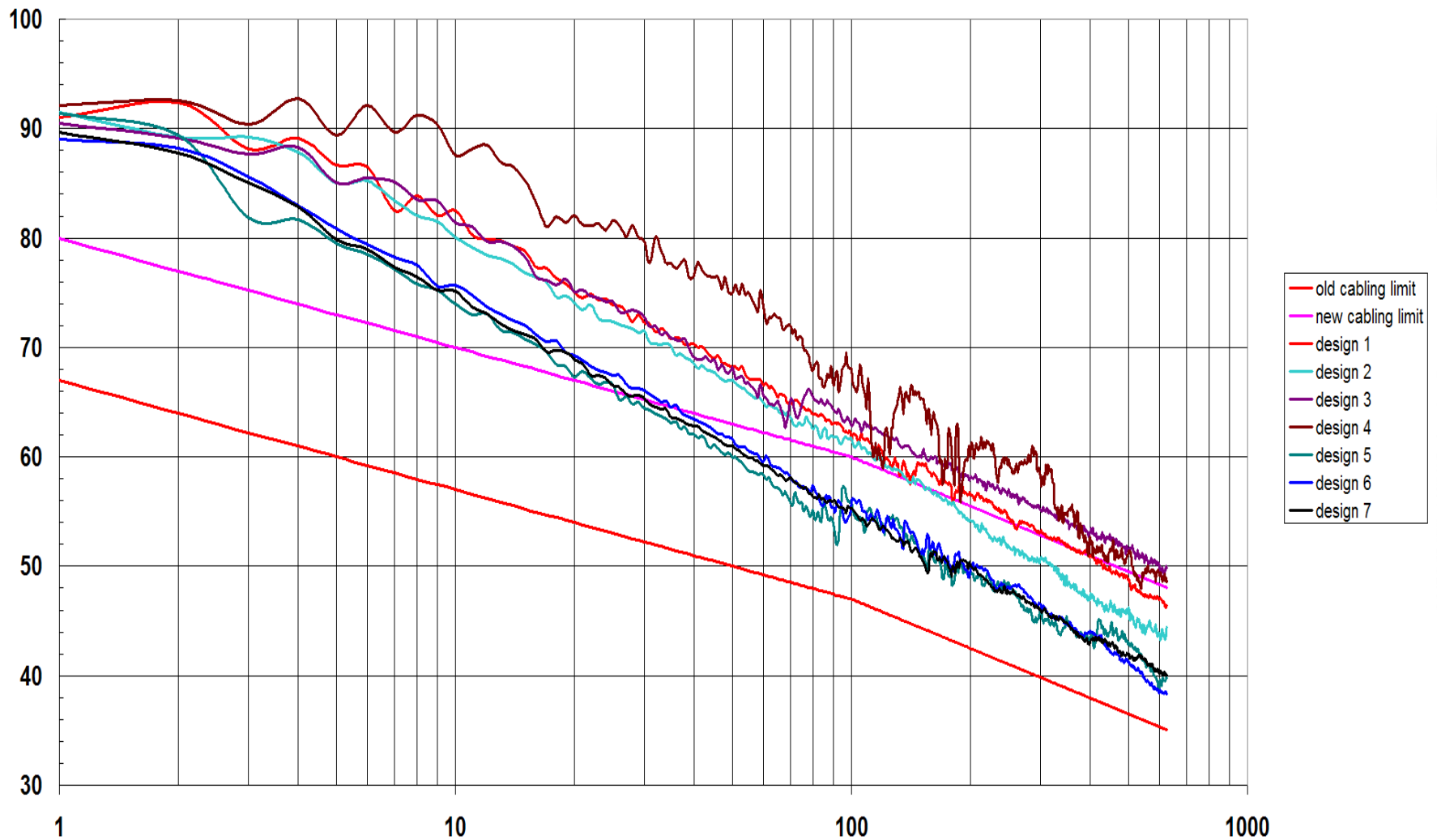
NEXT and Alien NEXT of Connectors

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3645 NEXT of typical available cat 6 connectors



worst case power sum* alien NEXT of typical available cat 6 connectors



Conclusions

- **While some existing connectors exhibit poor NEXT performance above 250 MHz, some do not.**
- **Note that the connector alien NEXT performance is being compared with the channel requirement. The connector requirement, when set, will be at least 10 dB better than the channel requirement.**
- **Some existing connectors are good enough for the 55 meter cabling alien NEXT spec, and some are not.**
- **The commercially available connectors tested so far are not good enough for the 100 meter cabling alien NEXT spec; new ones need to be developed.**