STP cable

Measurement result of TCL, ELTCL and coupling attenuation

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Page 1 8



- 1 Sample and Measurement system of TCL and ELTCL
- 2 Measurement result of TCL and ELTCL
- 3 Measurement system of coupling attenuation
- 4 Measurement result of coupling attenuation



1 Sample and Measurement system of TCL and ELTCL

Cable structure



PVC

- Cross-linked polyethylene
- Metal foil +Braided shield
- Measurement system

STP cable



2 Measurement result of TCL and ELTCL



Proposed line is satisfied up to 3GHz

·3GHz and more are possible to be beyond limit line if manufacture variation is considered

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Coupling attenuation(balanced cables), Triaxial method





4 Measurement result of coupling attenuation

Coupling attenuation

802.3ch NGAUTO

Input Data – Assumption on Coupling Attenuation

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•Assumption line is satisfied up to 3.5 GHz

END Thank you for your attention

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