

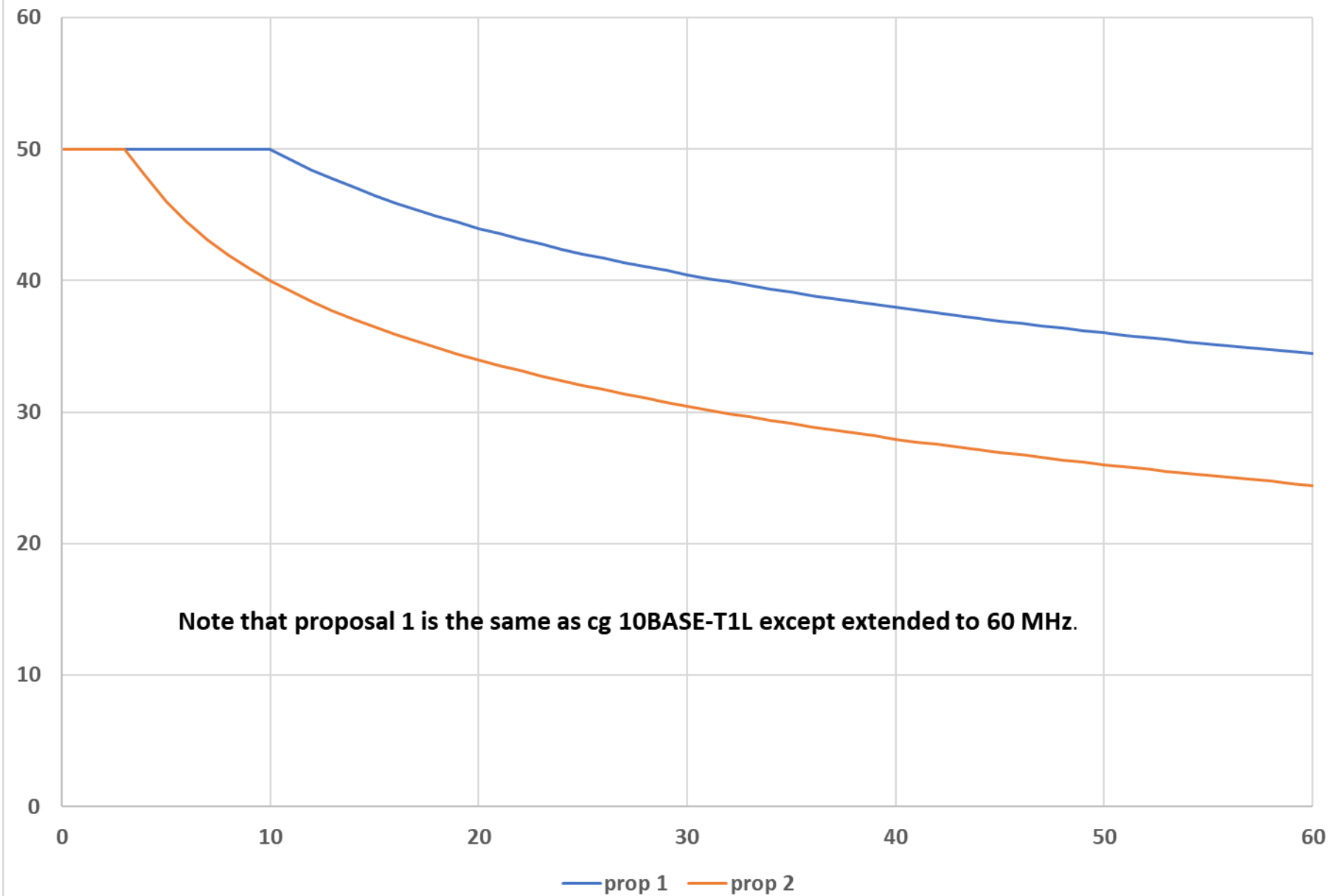
Link Segment Motions

Wayne Larsen CommScope

To progress the link segment portion of the dg project

- Motions are proposed about
 - TCL
 - Return Loss
 - ELTCTL
 - Delay
 - DC resistance
- Rational in support of these motions can be found in earlier contributions.

TCL proposal 1 and proposal 2



Motion

The dg link segment spec shall contain TCL requirements.

Moved: Wayne Larsen

2nd:

Y:

N:

A:

Motion

The low frequency measurement floor for TCL shall be 50 dB.

Moved: Wayne Larsen

2nd:

Y:

N:

A:

Straw poll

___ I prefer $50-20\log(f/10)$ with floor from 0.1 to 60 MHz

___ I prefer $40-20\log(f/10)$ with floor from 0.1 to 60 MHz

Motion

The TCL requirement shall be

50 dB from 0.1 to 10 MHz

50-20log(f/10) from 10 to 60 MHz

50 dB from 0.1 to 31.62 MHz

40-20log(f/10) from 31.62 to 60 MHz

(Delete the option that doesn't correspond to the result from the straw poll above)

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Moved: Wayne Larsen

2nd:

Y:

N:

A:

Motion

The dg link segment shall have an ELTCTL requirement.

(Note that cg, 10BASE-T1L does not have an ELTCTL requirement.)

Moved: Wayne Larsen

2nd:

Y:

N:

A:

Motion

The dg link segment ELTCTL requirement shall be
24-20log(f) from 0.1 to 11.22 MHz
3 from 11.22 to 60 MHz

Moved: Wayne Larsen

2nd:

Y:

N:

A:

Motion

The dg link segment shall have a requirement for delay.

Moved: Wayne Larsen

2nd:

Y:

N:

A:

Motion

The dg link segment delay requirement shall be 2778 ns.

Moved: Wayne Larsen

2nd:

Y:

N:

A:

Motion

The dg link segment shall have a requirement for DC resistance which shall be 10.7 Ohms, or 21.4 Ohms for the loop resistance.

Moved: Wayne Larsen

2nd:

Y:

N:

A: