

# FEC-enabled Compromise

Frank Effenberger

# Downstream Power Budget

Budget	PR-10	PR-20	PR-30
OLT Tx max	+7	+7	+7
OLT Tx min	+4	+4	+4
Channel Loss	20	24	29
Penalty	1	1	1
Sensitivity	-17	-21	-26
	PIN w/o FEC	PIN w/ FEC APD w/o FEC	APD w/ FEC

# Motion #12

ONU for PR20 shall have sensitivity typical of PINs, and ONU for PR30 shall have sensitivity typical of APDs.

Moved Hiroki Ikeda

Second: Frank Effenberger

Technical motion (75% required)

Y\_40\_

N\_\_7\_

A\_\_1\_

Motion Passes

# Upstream Power Budget

Budget	PR-10	PR-20	PR-30
ONU Tx max	+4	+4	+9
ONU Tx min	-1	-1	+4
Channel Loss	20	24	29
Penalty	1	1	1
Sensitivity	-22	-26	-26
	APD w/o FEC	APD w/ FEC	APD w/ FEC