

# CAUI-4 CTLE Comments

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# CTLE Recommendations

- Clause 83d CTLE not intended for DFE
- Clause 93a CTLE is intend for use with DFE
  - ½ to 1 dB better COM
- Recommendation: Use 93a CTLE

# Proposed changes

Table 83D-7—Reference CTLE coefficients

$g_{DC}$	$f_{p1}$	$f_{p2}$	$f_z$
-1	18.6	14.1	9.385
-2	18.6	14.1	8.937
-3	15.6	14.1	8.018
-4	15.6	14.1	7.861
-5	15.6	14.1	7.75
-6	15.6	14.1	7.67
-7	15.6	14.1	7.609
-8	15.6	14.1	7.566
-9	15.6	14.1	7.531
-10	15.6	14.1	7.503
-11	15.6	14.1	7.483
-12	15.6	14.1	7.466

Draft 2.2

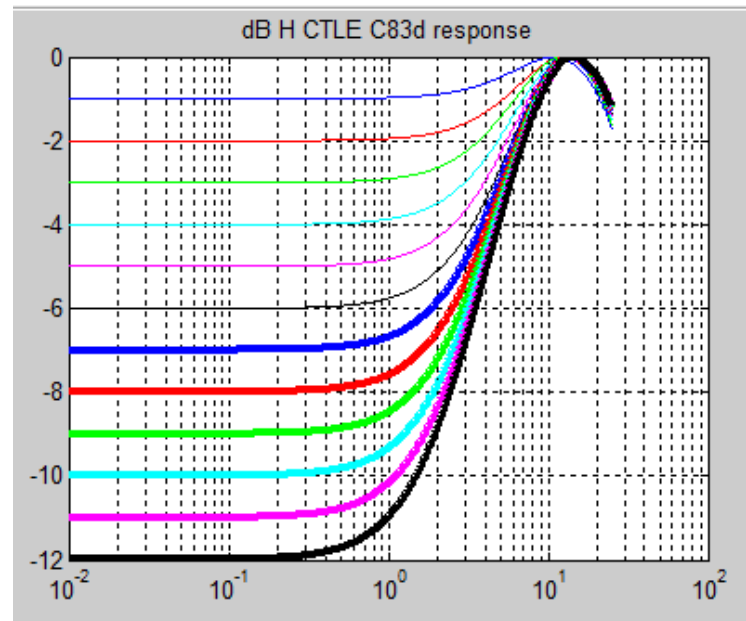
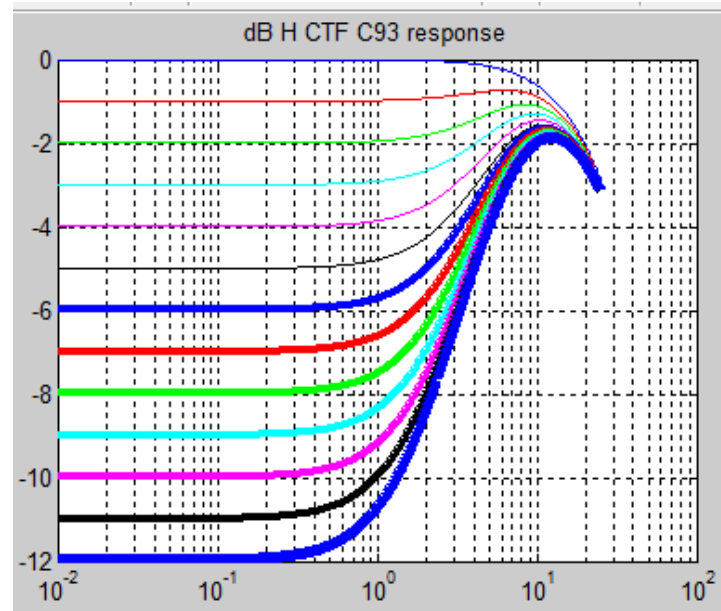


Table 83D-7—Reference CTLE coefficients

$g_{DC}$	$f_{p1}$	$f_{p2}$	$f_z$
0	6.44	25.78	6.44
-1	<del>18.6</del> 6.44	<del>14.1</del> 25.78	<del>9.385</del> 6.44
-2	<del>18.6</del> 6.44	<del>14.1</del> 25.78	<del>8.937</del> 6.44
-3	<del>15.6</del> 6.44	<del>14.1</del> 25.78	<del>8.018</del> 6.44
-4	<del>15.6</del> 6.44	<del>14.1</del> 25.78	<del>7.861</del> 6.44
-5	<del>15.6</del> 6.44	<del>14.1</del> 25.78	<del>7.75</del> 6.44
-6	<del>15.6</del> 6.44	<del>14.1</del> 25.78	<del>7.67</del> 6.44
-7	<del>15.6</del> 6.44	<del>14.1</del> 25.78	<del>7.609</del> 6.44
-8	<del>15.6</del> 6.44	<del>14.1</del> 25.78	<del>7.566</del> 6.44
-9	<del>15.6</del> 6.44	<del>14.1</del> 25.78	<del>7.531</del> 6.44
-10	<del>15.6</del> 6.44	<del>14.1</del> 25.78	<del>7.503</del> 6.44
-11	<del>15.6</del> 6.44	<del>14.1</del> 25.78	<del>7.483</del> 6.44
-12	<del>15.6</del> 6.44	<del>14.1</del> 25.78	<del>7.466</del> 6.44

Proposed



# CAUI-4 COM data

