

ACCURACY VERSUS DYNAMIC RANGE BELOW MEASUREMENT LEVEL

Dynamic range below measurement level (dB)	Maximum error of the signal (%)	Maximum peak-to-peak ripple (dB)
10	31.6	5.6884
11	28.2	5.0322
12	25.1	4.459
13	22.4	3.9561
14	20	3.5133
15	17.8	3.1224
16	15.8	2.7766
17	14.1	2.4703
18	12.6	2.1986
19	11.2	1.9574
20	10	1.743
21	8.9	1.5524
22	7.9	1.3828
23	7.1	1.2319
24	6.3	1.0975
25	5.6	0.9779
26	5	0.8714
27	4.5	0.7765
28	4	0.6919
29	3.5	0.6166
30	3.2	0.5495
31	2.8	0.4897
32	2.5	0.4365
33	2.2	0.389
34	2	0.3467
35	1.8	0.309
36	1.6	0.2753
37	1.4	0.2454
38	1.3	0.2187
39	1.1	0.1949
40	1	0.1737
41	0.9	0.1548
42	0.8	0.138
43	0.7	0.123
44	0.6	0.1096
45	0.6	0.0977
46	0.5	0.0871
47	0.4	0.0776
48	0.4	0.0692
49	0.4	0.0616
50	0.3	0.0549