

8-bit midtread:

-1	1111_1111	-0.996078
-0.97	1111_1100	-0.972549
-0.41	1011_0100	-0.407843
0	0000_0000	0
0.008	0000_0001	0.00784314
0.51	0100_0001	0.509804
0.82	0110_1001	0.823529
0.999	0111_1111	0.996078
1	0111_1111	0.996078

3,5 FP:

-1	(000)1_1111	u:1111_1110_0000	-0.984615
-0.97	(000)1_1111	u:1111_1110_0000	-0.984615
-0.41	(001)1_1010	u:1011_0101_0000	-0.414164
0	(111)0_0000	u:0000_0000_0000	0
0.008	(110)0_0000	u:0000_0001_0000	0.00781441
0.51	(000)0_0000	u:0100_0010_0000	0.515751
0.82	(000)0_1010	u:0110_1010_0000	0.828327
0.999	(000)0_1111	u:0111_1110_0000	0.984615
1	(000)0_1111	u:0111_1110_0000	0.984615

3,5 BFP: (1 number per block)

-1	(000)1_1111	u:1111_1100_0000	-0.968987
-0.97	(000)1_1111	u:1111_1100_0000	-0.968987
-0.41	(001)1_1101	u:1011_0110_0000	-0.421978
0	(111)0_0000	u:0000_0000_0000	0
0.008	(110)0_1000	u:0000_0001_0001	0.00830281
0.51	(000)0_1000	u:0100_0100_0000	0.53138
0.82	(000)0_1101	u:0110_1100_0000	0.843956
0.999	(000)0_1111	u:0111_1100_0000	0.968987
1	(000)0_1111	u:0111_1100_0000	0.968987

3,5 BFP: (all numbers in block [max is 1.0])

-1	(000)1_1111	u:1111_1100_0000	-0.968987
-0.97	(000)1_1111	u:1111_1100_0000	-0.968987
-0.41	(000)1_0110	u:1011_0100_0000	-0.406349
0	(000)0_0000	u:0000_0000_0000	0
0.008	(000)0_0000	u:0000_0000_0000	0
0.51	(000)0_1000	u:0100_0100_0000	0.53138
0.82	(000)0_1101	u:0110_1100_0000	0.843956
0.999	(000)0_1111	u:0111_1100_0000	0.968987
1	(000)0_1111	u:0111_1100_0000	0.968987

12-bit midtread:

-1	1111_1111_1111	-0.999756
-0.97	1111_1100_0010	-0.969963
-0.41	1011_0100_0111	-0.409768
0	0000_0000_0000	0
0.008	0000_0001_0000	0.00781441
0.51	0100_0001_0100	0.50989
0.82	0110_1000_1111	0.820024
0.999	0111_1111_1101	0.998779
1	0111_1111_1111	0.999756