

Sheet1

Tresh, mV	Signal E1/60 sec	Signal E2/60 sec	Tresh, mV	Signal E1, Hz	Signal E2, Hz
1	69523.33	23625.33	1	1158.72	393.76
2	34071.66	14424	2	567.86	240.4
3	20738.33	9649.33	3	345.64	160.82
4	13882.33	6679.66	4	231.37	111.33
5	9663.33	4697.33	5	161.06	78.29
6	7083.33	3479.33	6	118.06	57.99
7	5310	2616	7	88.5	43.6
8	4121.66	2072.33	8	68.69	34.54
9	3224.66	1707.33	9	53.74	28.46
10	2580.66	1463	10	43.01	24.38
12	1861	1169.33	12	31.02	19.49
14	1408	944.33	14	23.47	15.74
16	1201.33	881.66	16	20.02	14.69
18	1031	748	18	17.18	12.47
20	954.33	680.33	20	15.91	11.34
25	769.66	546.66	25	12.83	9.11
30	603	435	30	10.05	7.25
35	536.33	369.66	35	8.94	6.16
40	443.33	308.33	40	7.39	5.14
45	405.66	262.66	45	6.76	4.38
50	347.66	227.66	50	5.79	3.79
80	193.33	103.66	80	3.22	1.73
110	106.33	45	110	1.77	0.75
150	54	15	150	0.9	0.25
200	25	3.33	200	0.42	0.06

Tresh, mV	Noise E1/60 sec	Noise E2/60 sec	Tresh, mV	Noise E1, Hz	Noise E2, Hz
1	21599.33	8106.33	1	359.99	135.11
2	11077.33	5077.66	2	184.62	84.63
3	7085	3424.66	3	118.08	57.08
4	4928.66	2345	4	82.14	39.08
5	3439	1612.66	5	57.32	26.88
6	2451.66	1197.66	6	40.86	19.96
7	1832.66	987.66	7	30.54	16.46
8	1393	817	8	23.22	13.62
9	1131.66	759.66	9	18.86	12.66
10	943	679	10	15.72	11.32
12	800.66	650.33	12	13.34	10.84
14	644.66	560.66	14	10.74	9.34
16	643.66	588	16	10.73	9.8
18	612.33	564.66	18	10.21	9.41
20	595.66	539.33	20	9.93	8.99
25	565	498.66	25	9.42	8.31
30	504.66	421.33	30	8.41	7.02
35	465.66	367.33	35	7.76	6.12
40	443.33	332	40	7.39	5.53

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45	385.66	279.66	45	6.43	4.66
50	356	243	50	5.93	4.05
80	182.66	95	80	3.04	1.58
110	110.66	45	110	1.84	0.75
150	58.66	17.66	150	0.98	0.29
200	22.33	5.66	200	0.37	0.09

Tresh, mV	S/N(E1)	S/N(E2)
1	3.22	2.91
2	3.08	2.84
3	2.93	2.82
4	2.82	2.85
5	2.81	2.91
6	2.89	2.91
7	2.9	2.65
8	2.96	2.54
9	2.85	2.25
10	2.74	2.15
12	2.32	1.8
14	2.18	1.68
16	1.87	1.5
18	1.68	1.32
20	1.6	1.26
25	1.36	1.1
30	1.19	1.03
35	1.15	1.01
40	1	0.93
45	1.05	0.94
50	0.98	0.94
80	1.06	1.09
110	0.96	1
150	0.92	0.85
200	1.12	0.59

S/N vs. CFD threshold

CFD delay 12 ns

