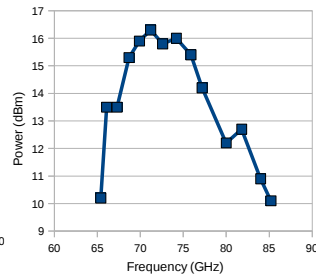
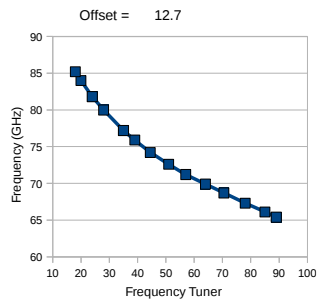


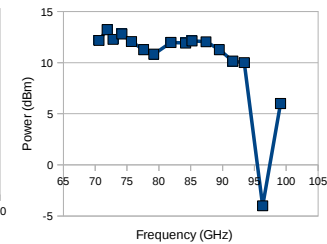
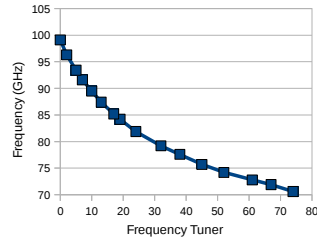
H311 Gunn (65-90 GHz)

Freq Tuner (micrometer)	Backshort (micrometer)	Frequency (GHz)	Power (dBm)
89	85	65.4	10.2
85	85	66.1	13.5
78	89	67.3	13.5
70.5	167	68.7	15.3
64	155	69.9	15.9
57	137	71.2	16.3
51	116	72.6	15.8
44.5	77	74.2	16
39	55	75.9	15.4
35	41	77.2	14.2
28	15	80	12.2
24	88	81.8	12.7
20	66	84	10.9
18	58	85.2	10.1



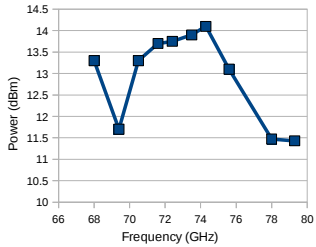
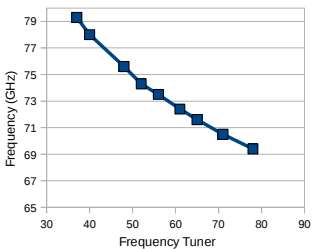
H101 Gunn (65-95 GHz)

Freq Tuner (micrometer)	Backshort (micrometer)	Frequency (GHz)	Power (dBm)
74	124	70.6	12.17
67	93	71.9	13.22
61	90	72.8	12.27
52	78	74.2	12.8
45	64	75.7	12.06
38	36	77.6	11.26
32	109	79.2	10.83
24	71	81.9	11.98
19	53	84.2	11.92
17	46	85.2	12.13
13	6	87.4	12.04
10	70	89.5	11.26
7	57	91.6	10.15
5	48	93.4	10
2	60	96.3	-4
0	41	99.1	6



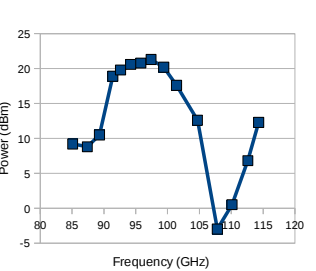
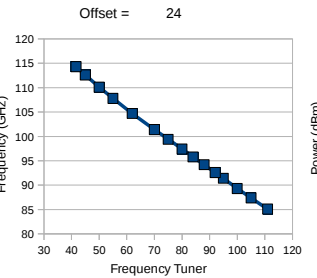
H144 Gunn (65-95 GHz)

Freq Tuner (micrometer)	Backshort (micrometer)	Frequency (GHz)	Power (dBm)
87	113	68	13.3
78	126	69.4	11.7
71	116	70.5	13.3
65	106	71.6	13.7
61	98	72.4	13.75
56	89	73.5	13.9
52	82	74.3	14.1
48	67	75.6	13.1
40	105	78	11.47
37	85	79.3	11.43



H274 Gunn (85-135 GHz)

Freq Tuner (micrometer)	Backshort (micrometer)	Frequency (GHz)	Power (dBm)
111	95	85.1	9.2
105	99	87.4	8.8
100	81	89.3	10.5
95	154	91.4	18.9
92	136	92.6	19.8
88	109	94.2	20.6
84	183	95.8	20.8
80	74	97.4	21.3
75	64	99.4	20.2
70	57	101.4	17.6
62	42	104.7	12.6
55	30	107.8	-3
50	50	110.1	0.5
45	109	112.6	6.8
41.6	45	114.3	12.3
40	45		13.4
35	40		15.6
30	29		16.7
25	19		15
20	67		14.6
15	38		12.9
10	24		12.5



H306 Gunn (85-135 GHz)

Freq Tuner (micrometer)	Backshort (micrometer)	Frequency (GHz)	Power (dBm)
114	118	82.5	12.7
110	103	84.1	12.8
105	88	86	14.4
100	73	88	15.1
95	58	90	16.1
90	37	91.9	17.4
85	9	93.9	18.1
80	87	95.8	18
75	74	97.8	16.8
70	59	99.6	14.1
65	50	101.7	12.3
60	46	103.7	4.4
55	41	106	11.5
50	50	108.2	10.3
45	17	110.8	9
40	48	113.3	14.5
37	41	115	14.9
35	34		14.7
30	26		14.8
25	19		15
20	15		14.9
15	42		12
10	25		11.5

