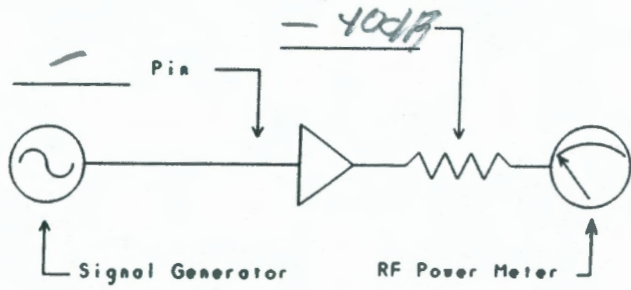


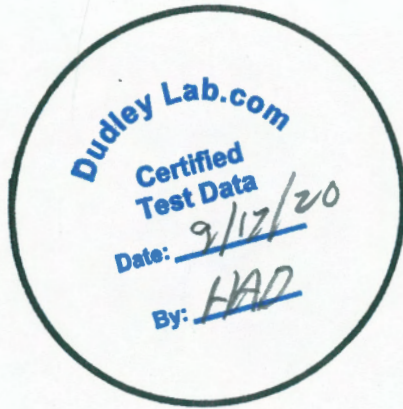
Dudley Lab Date: 9/17/20
Item: 8010.H/2 SN: 067
Item: 992H SN: 1981

Ek: 7.2 kV
Eb: 4.3 kV
Ea: / V
Ef: 5.3 V



Helix I 0.5 mA
Pin: - dBm

265-40 GHz 10W
9/1/38



No.	Frequency (Hz)	Chan. 1 (dBm)
0	2.65E+10	+ 3.929
1	2.663499E+10	+ 3.440
2	2.677E+10	+ 4.157
3	2.690499E+10	+ 4.855
4	2.704E+10	+ 4.201
5	2.7175E+10	+ 3.806
6	2.730999E+10	+ 3.905
7	2.7445E+10	+ 3.163
8	2.757999E+10	+ 3.512
9	2.7715E+10	+ 4.506
10	2.784999E+10	+ 3.995
11	2.7985E+10	+ 3.616
12	2.811999E+10	+ 4.130
13	2.8255E+10	+ 4.333
14	2.839E+10	+ 4.223
15	2.852499E+10	+ 4.827
16	2.866E+10	+ 4.937
17	2.879499E+10	+ 4.520
18	2.893E+10	+ 3.811
19	2.906499E+10	+ 4.921
20	2.92E+10	+ 5.201
21	2.9335E+10	+ 4.424
22	2.947E+10	+ 4.028
23	2.9605E+10	+ 4.789
24	2.974E+10	+ 4.116
25	2.9875E+10	+ 2.886
26	3.000999E+10	+ 2.990
27	3.0145E+10	+ 3.042
28	3.027999E+10	+ 3.037
29	3.0415E+10	+ 3.116
30	3.055E+10	+ 3.786
31	3.0685E+10	+ 4.009
32	3.082E+10	+ 3.655
33	3.0955E+10	+ 3.792
34	3.109E+10	+ 4.286
35	3.122499E+10	+ 4.385
36	3.136E+10	+ 4.545
37	3.1495E+10	+ 4.481
38	3.163E+10	+ 4.078
39	3.1765E+10	+ 4.138
40	3.19E+10	+ 4.586
41	3.2035E+10	+ 4.885
42	3.217E+10	+ 4.775
43	3.2305E+10	+ 4.761
44	3.243999E+10	+ 5.083
45	3.2575E+10	+ 4.635
46	3.271E+10	+ 3.767
47	3.2845E+10	+ 2.891
48	3.298E+10	+ 3.341
49	3.3115E+10	+ 3.531
50	3.325E+10	+ 3.663
51	3.3385E+10	+ 4.295
52	3.352E+10	+ 4.577
53	3.3655E+10	+ 4.091
54	3.379E+10	+ 4.058
55	3.3925E+10	+ 4.492

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SN- 067 Pin (dBm) -12dBm

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56	3.406E+10	+	4.457
57	3.4195E+10	+	3.888
58	3.433E+10	+	3.992
59	3.446499E+10	+	4.396
60	3.46E+10	+	4.363
61	3.473499E+10	+	4.006
62	3.487E+10	+	4.314
63	3.500499E+10	+	4.723
64	3.514E+10	+	4.295
65	3.527499E+10	+	3.797
66	3.541E+10	+	4.025
67	3.5545E+10	+	4.286
68	3.568E+10	+	3.877
69	3.5815E+10	+	3.589
70	3.595E+10	+	4.039
71	3.6085E+10	+	4.190
72	3.622E+10	+	3.734
73	3.635499E+10	+	3.852
74	3.649E+10	+	3.649
75	3.662499E+10	+	3.295
76	3.676E+10	+	2.820
77	3.689499E+10	+	3.141
78	3.703E+10	+	3.168
<hr/>			
79	3.716499E+10	+	2.594
80	3.73E+10	+	2.649
81	3.743499E+10	+	3.094
82	3.757E+10	+	1.971
83	3.7705E+10	+	1.119
84	3.784E+10	+	1.056
85	3.7975E+10	+	1.578
86	3.811E+10	+	.900
87	3.8245E+10	-	.078
88	3.838E+10	+	.043
89	3.8515E+10	-	.037
90	3.865E+10	-	1.152
91	3.8785E+10	-	1.754
92	3.892E+10	-	1.504
93	3.905499E+10	-	1.399
94	3.919E+10	-	1.908
95	3.932499E+10	-	2.325
96	3.946E+10	-	2.569
97	3.959499E+10	-	3.053
98	3.973E+10	-	3.976
99	3.9865E+10	-	4.860
100	4E+10	-	5.371

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SN- 067 Pin (dBm) -12dBm

Sheet 1 Page 2 of 2

STOP

See sheet (2)

No.	Frequency (Hz)	Chan. 1 (dBm)
0	3.7E+10	+ 3.149
1	3.703E+10	+ 2.820
2	3.706E+10	+ 3.201
3	3.709E+10	+ 3.432
4	3.711999E+10	+ 3.663
5	3.715E+10	+ 2.756
6	3.718E+10	+ 2.344
7	3.721E+10	+ 2.539
8	3.724E+10	+ 3.163
9	3.727E+10	+ 3.174
10	3.73E+10	+ 2.984
11	3.733E+10	+ 2.669
12	3.736E+10	+ 2.965
13	3.739E+10	+ 3.347
14	3.742E+10	+ 3.556
15	3.745E+10	+ 3.506
16	3.748E+10	+ 3.135
17	3.751E+10	+ 3.141
18	3.754E+10	+ 2.883
19	3.757E+10	+ 3.322
20	3.76E+10	+ 2.938
21	3.763E+10	+ 3.004
22	3.766E+10	+ 2.614
23	3.769E+10	+ 2.729
24	3.771999E+10	+ 2.490
25	3.775E+10	+ 2.748
26	3.778E+10	+ 2.844
27	3.781E+10	+ 2.820
28	3.784E+10	+ 2.723
29	3.787E+10	+ 2.743
30	3.79E+10	+ 3.031
31	3.793E+10	+ 3.267
32	3.796E+10	+ 3.210
33	3.798999E+10	+ 3.127
34	3.802E+10	+ 3.078
35	3.805E+10	+ 3.075
36	3.808E+10	+ 2.938
37	3.811E+10	+ 2.789
38	3.814E+10	+ 2.633
39	3.817E+10	+ 2.594
40	3.82E+10	+ 2.504
41	3.822999E+10	+ 2.111
42	3.825999E+10	+ 2.355
43	3.829E+10	+ 2.660
44	3.831999E+10	+ 2.932
45	3.835E+10	+ 2.548
46	3.838E+10	+ 2.723
47	3.841E+10	+ 2.998
48	3.844E+10	+ 3.407
49	3.847E+10	+ 3.196
50	3.849999E+10	+ 2.962
51	3.853E+10	+ 3.064
52	3.855999E+10	+ 3.361
53	3.858999E+10	+ 3.471
54	3.861999E+10	+ 2.971
55	3.865E+10	+ 2.641

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SN- 067 Pin (dBm) -10

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56	3.868E+10	+	2.479
57	3.871E+10	+	2.990
58	3.874E+10	+	2.866
59	3.876999E+10	+	2.094
60	3.88E+10	+	1.691
61	3.882999E+10	+	2.405
62	3.885999E+10	+	2.792
63	3.888999E+10	+	2.770
64	3.891999E+10	+	2.317
65	3.895E+10	+	2.465
66	3.898E+10	+	3.116
67	3.901E+10	+	3.374
68	3.904E+10	+	3.130
69	3.907E+10	+	2.674
70	3.909999E+10	+	2.677
71	3.912999E+10	+	2.924
72	3.915999E+10	+	3.168
73	3.918999E+10	+	2.734
74	3.921999E+10	+	2.336
75	3.925E+10	+	2.108
76	3.927999E+10	+	2.756
77	3.931E+10	+	2.831
78	3.934E+10	+	2.839
79	3.936999E+10	+	2.416
80	3.939999E+10	+	2.589
81	3.942999E+10	+	3.004
82	3.945999E+10	+	3.440
83	3.948999E+10	+	2.943
84	3.951999E+10	+	2.586
85	3.955E+10	+	2.641
86	3.958E+10	+	3.042
87	3.960999E+10	+	3.064
88	3.963999E+10	+	2.655
89	3.967E+10	+	2.377
90	3.969999E+10	+	2.490
91	3.972999E+10	+	2.723
92	3.975999E+10	+	2.545
93	3.978999E+10	+	2.300
94	3.981999E+10	+	1.952
95	3.985E+10	+	2.314
96	3.987999E+10	+	2.369
97	3.990999E+10	+	2.471
98	3.993999E+10	+	2.240
99	3.996999E+10	+	2.191
100	3.999999E+10	+	2.053

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SN- 067 Pin (dBm) -10

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