

Characteristics of output of tuner box pole H5

23/1/65.

standard Capacity

MC	millinches	ref	diel	pf	total	X ohms	L C	
1.80	.86	0	110	64	64		L	
1.85	.76	0	85	32	32		L	
1.90	.75	0	45	5	5		L	
1.95	.81	0	79	26	26		C	
2.00	1.04	0	110	64	64		C	
2.05	1.64	0	128	100	100		C	
2.10	2.79	0	124	102	102		C	
2.15	3.71	0	86	33	33		C	
2.20	3.69	0	108	60	66		L	37 5 4
2.25	3.07	.0001	48	6	106		L	
2.30	2.53	.0001	70	19	119		L	90 44 43
2.35	2.11	.0001	68	18	118		L	
2.40	1.81	.0001	58	12	112		L	0 0 0
2.45	1.56	.0001	40	3	103		L	
2.50	1.41	0	128	100	100		L	0.94 0.59 0.58
2.55	1.28	0	124	92	92		L	
2.60	1.18	0	121	86	86		L	
2.80	.92	0	108	60	64		L	5.0 4.0 4.3
3.00	.80	0	97	44	44		L	
3.70	.62	0	62	14	14		L	



Characteristic of Antenna Pole H5 23/1/65

Frequency calibration different from 24/3/65
 add 0.03 mc to agree with 24/3/65

MC	millimhos,	cap	Capacities dial	pf	Total	LoC
1.6	.08	0	71			C
1.7	.09	0	100			"
1.8	.10	0	115			"
1.9	.13	0	127			"
2.0	.16	.0001	65			"
2.1	.20	.0001	94			"
2.2	.30	.0001	115			"
2.3	.44	.0002	53			"
2.4	.80	.0002	124			"
2.5	2.01	.0004	88			"
2.6	10.14	.0007	105			C
2.7	7.74	.0006	101.5			L
2.8	1.61	.0003	67			"
2.9	.62	.0001	118			"
3.0	.36	0	133			"
3.1	.27	0	114			"
3.2	.24	0	91			"
3.3	.27	0	59			"

obsolete

20" extra lead to bridge.

Output of Tuner box on Pale HS

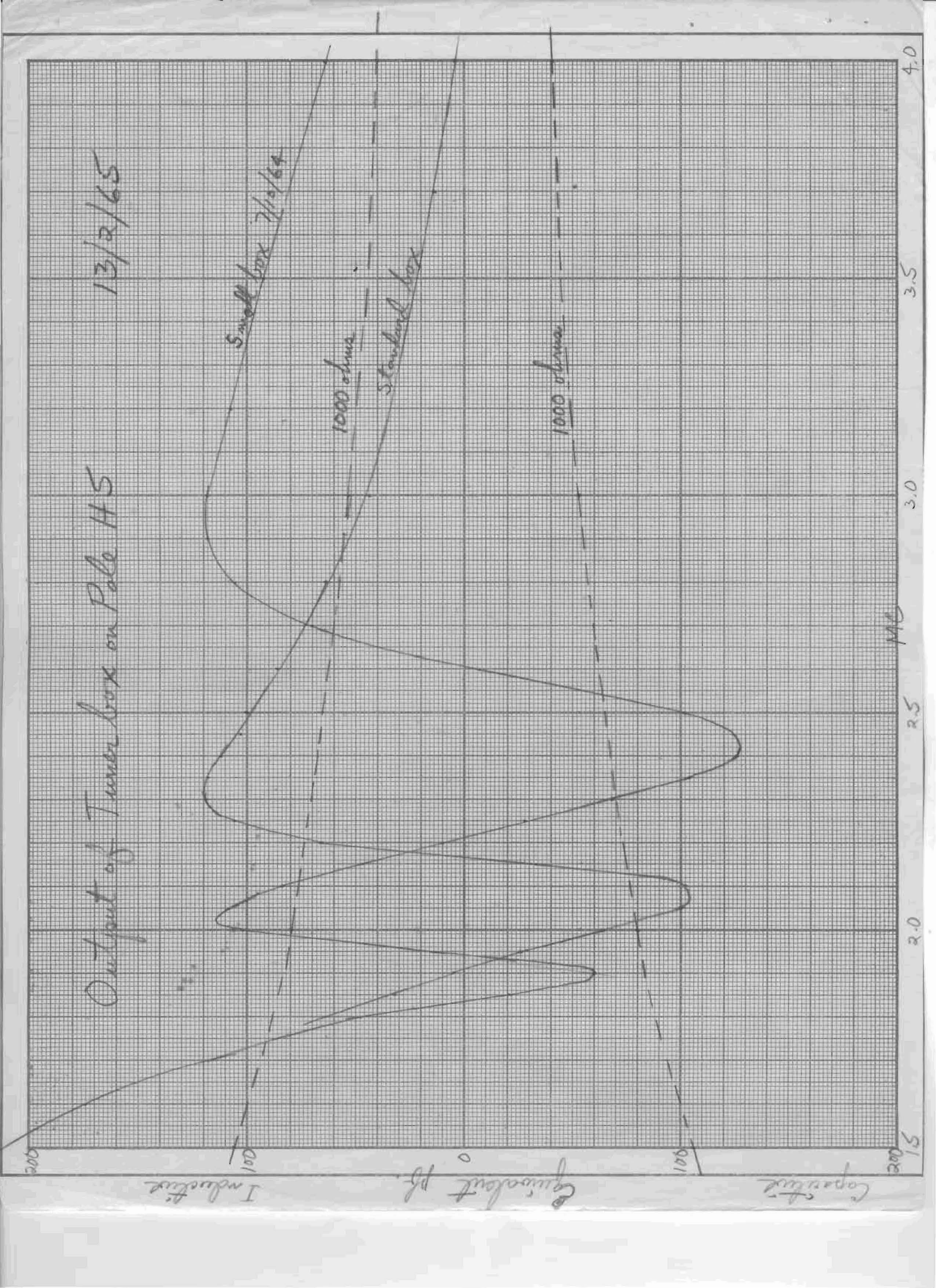
13/2/65

Small box 7/10/64

1000 ohms

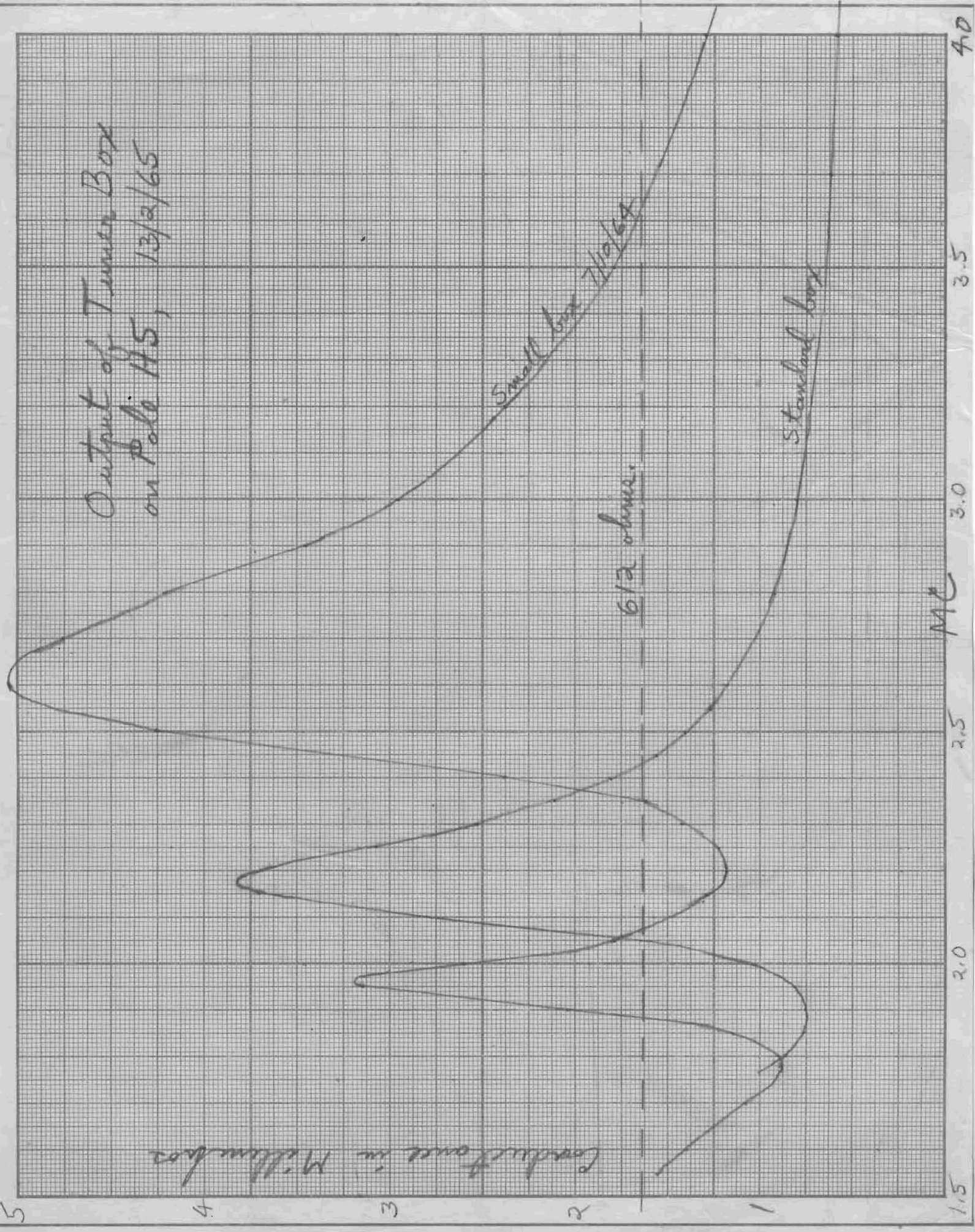
Standard box

1000 ohms



Output of Tensar Box
on Pole HS, 13/2/65

Conductance in Millimhos



13/2/65.

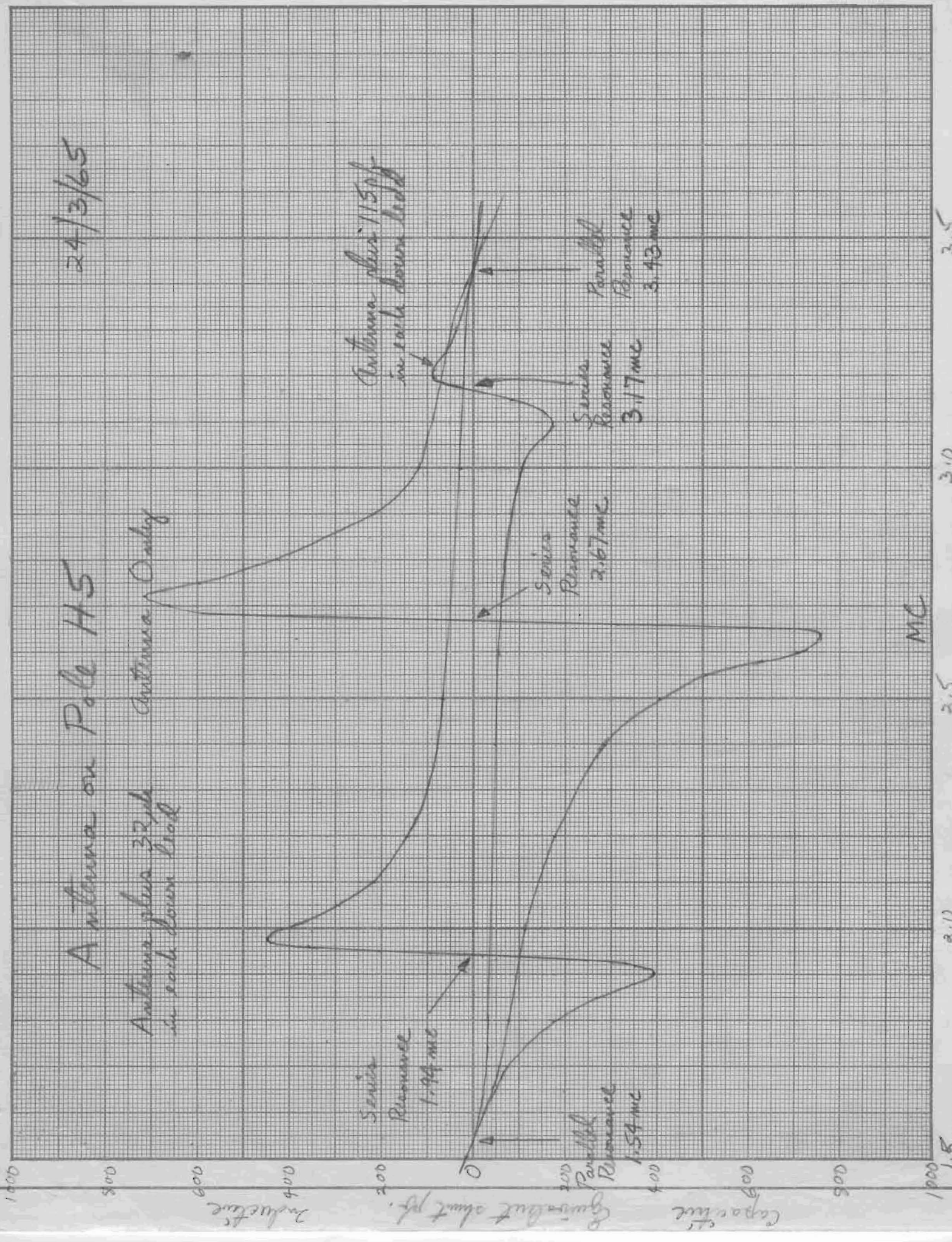
Characteristics of small tuner box of 7/10/64 on plate H5

MC	millimetre	of	dial	of	total	Volume	Loz	Volume.
1.60	1.40	.0001	115	74	174		L	
1.70	1.08	.0001	68	18	118		L	
1.80	0.90	0	100	48	48		L	
1.85	1.15	0	72	21	21		C	
1.90	2.04	0	108	60	60		"	
1.95	3.15	0	63	14	14		L	
2.00	2.60	.0001	36	2	102		"	
2.05	1.79	0	132	108	108		"	
2.10	1.32	0	120	84	84		"	
2.15	1.05	0	99	47	47		"	
2.20	.93	0	57	10	10		"	
2.25	.97	0	81	28	28		C	
2.30	1.17	0	112	68	68		"	
2.35	1.61	0	130	104	104		"	
2.40	2.38	.0001	79	26	126		"	
2.50	4.25	0	129	102	102		"	
2.60	5.04	0	49	7	7		"	
2.70	4.76	0	113	70	70		L	
2.80	4.20	0	131	106	106		"	
2.90	3.46	0	69	18	18		"	
3.00	2.96	0	69	18	18		"	
3.2	2.38	.0001	57	8	108		"	
3.5	1.79	0	124	92	92		"	
4.0	1.30	0	110	64	64		"	

24/3/65

Antenna on Pole HS

Antenna plus 33 pf in each down lead
Antenna Only



Antenna plus 115 pf in each down lead

Parallel Resonance 3.43 MC

Series Resonance 3.17 MC

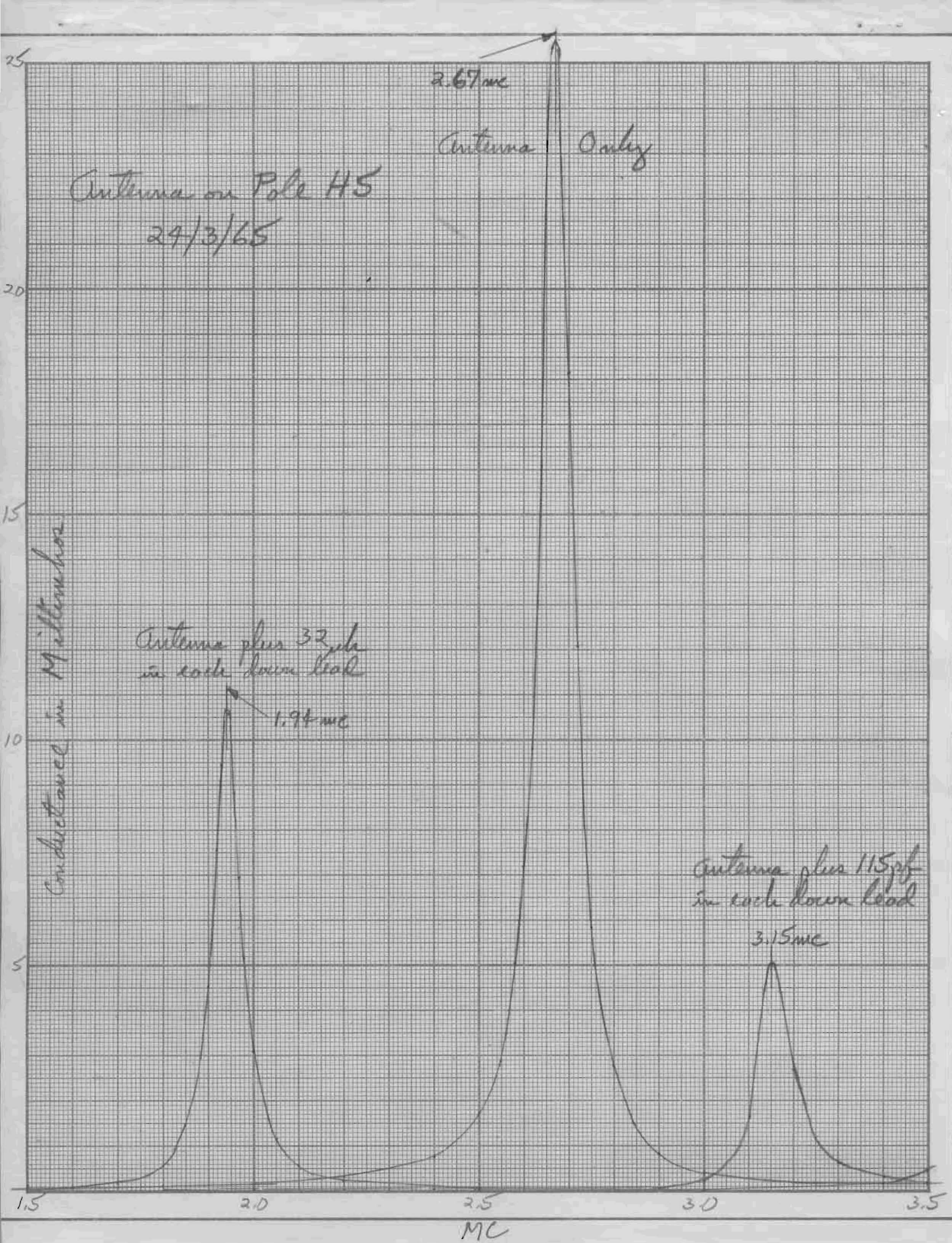
Series Resonance 2.67 MC

Series Resonance 1.94 MC

Parallel Resonance 1.54 MC

MC

1.5 2.0 2.5 3.0 3.5



Antenna on Pole H5

24/3/65

MC	millimhos	Ohms	uf	dial	pf	Total pf	Loc
1.5	.08		0	60	13	13	L
1.6	.08		0	73	22	22	C
1.8	.10		0	115	74	74	C
2.0	.16		0	134	112	112	C
2.2	.31		.0001	116	76	176	C
2.4	.77		.0002	122	88	288	C
2.5	1.72		.0003	131	106	406	C
2.55	2.89		.0004	131	106	506	C
2.58	5.05		.0006	80	27	627	C
2.60	7.20		.0006	131	106	706	C
2.62	9.80		.0007	103	51	751	C
2.64	16.1		.0007	107	58	758	C
2.66	25.35		.0002	135	114	314	C
2.68	23.73		.0003	128	100	400	L
2.70	18.15		.0006	108	60	660	L
2.72	12.10		.0006	135	114	714	L
2.75	5.82		.0005	126	96	596	L
2.80	2.78		.0003	140	124	424	L
2.90	.83		.0001	137	118	218	L
3.0	.40		0	137	118	118	L
3.4	.28		0	61	14	14	L
3.5	.27		0	80	27	27	C

Antenna on Pole HS
32 uh coils in each down lead

24/3/65

MC	millimhos	Ohms	uf	dial	pf	Total pf	LoC
1.5	.07		0	59	12	12	L
1.54	.08		0	33	0	0	L
1.55	.08		0	36	2	2	C
1.6	.11		0	77	25	25	C
1.7	.20		0	115	74	74	C
1.8	.54		.0001	115	74	174	C
1.85	1.48		.0002	113	70	270	C
1.90	4.54		.0003	125	94	394	C
1.92	7.58		.0003	101	50	350	C
1.94	10.69		0	71	20	20	C
1.945	10.59		0	126	96	96	L
1.95	10.32		.0001	131	106	206	L
1.93	9.47		.0002	94	41	241	C
1.96	8.86		.0003	107	58	358	L
1.97	6.95		.0004	93	40	440	L
1.98	5.17		.0004	107	58	458	L
2.0	3.10		.0004	68	18	418	L
2.05	1.13		.0002	125	94	294	L
2.1	.58		.0001	137	118	218	L
2.2	.23		.0001	95	42	142	L
2.5	.06		0	113	70	70	L
3.0	.03		0	34	31	31	L
3.4	.19		0	46	6	6	L
3.5	.18		0	53	9	9	C

Antenna on Pole H5, 115 pf in down leads

27/3/65

MC	millimhos	ohms	uf	dial	pf	total pf	Lo or C
1.5	.13		0	61	13	13	L
1.6	.05		0	66	16	16	C
1.8	.02		0	84	31	31	C
2.0	.02		0	92	39	39	C
2.2	.02		0	96	43	43	C
2.4	.02		0	100	48	48	C
2.6	.03		0	105	56	56	C
2.7	.04		0	108	60	60	C
2.8	.06		0	112	68	68	C
2.9	.10		0	119	82	82	C
3.0	.27		0	130	104	104	C
3.1	1.68		.0001	113	70	170	C
3.15	5.06		0	119	82	82	C
3.20	2.70		0	119	82	82	L
3.25	1.20		0	106	57	57	L
3.30	.63		0	82	29	29	L
3.4	.33		0	38	2	2	L
3.5	.17		0	57	11	11	C