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**KONINKLIJK NEDERLANDS
METEOROLOGISCH INSTITUUT**

IONOSPHERIC ABSORPTION

1964-1965

De Bilt, Netherlands

DE BILT - 1968

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Royal Netherlands Meteorological Institute,

1

De Bilt, Netherlands.

$\phi = 52^{\circ} 06', 1 \text{ N}$ $\lambda = 05^{\circ} 10', 6 \text{ E}$.

Ionospheric Absorption Measurements

Method A1.

During the I.Q.S.Y., from January 1964 till January 1966 included, hourly absorption measurements were made on every Wednesday from one hour before sunrise till two hours after sunset. All these measurements were carried out on two frequencies, viz. 2,3 and 3,2 MHz. This publication gives the results of these measurements together with those of the daily noon-measurements. The latter are carried out on five frequencies (1,95 - 2,3 - 2,6 - 2,9 and 3,2 MHz) and have already been published in our Monthly Bulletin on Ionospheric, Geomagnetic, Cosmic Ray, Solar Radio Noise, Earth Current Data, but are repeated here for convenience.

The tables give the time of the beginning of each measurement in U.T., the local time being U.T. + 20 minutes. Each measurement is derived from the mean value of the echo-amplitude over 12 minutes for each frequency. The height of reflection h in the tables is the virtual height in km.

Equipment data: Transmitter peak-power 10 kW.
 pulse length 200 μ sec.
 Linear receiver with step-attenuator.

The Director of the
Geophysical Division,

Dr. J. Veldkamp.

MONTH: JANUARY 1964

Freq:		1.95 Mc/s	2.3 Mc/s	2.6 Mc/s	2.9 Mc/s	3.2 Mc/s
Date	U.T.	h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB
1			10.45 150 21.7			11.05 210 17.4
2	10.35	130 26.9	10.50 140 25.3	11.09 240 22.9	11.22 245 14.0	11.45 245 14.3
3	10.35	125 24.4	- - R	- - R	10.51 200 12.9	11.09 250 11.3
4	10.35	130 28.3	10.50 150 19.0	11.09 210 17.8	11.22 230 14.8	11.42 250 14.1
5						
6	10.38	110 20.3	10.52 150 20.0	11.10 200 19.3	11.23 240 12.7	11.42 220 19.5
7	10.38	125 19.4	10.53 200 24.0	11.10 140 15.7	11.24 215 15.6	11.42 230 12.1
8	10.30	120 13.5	10.46 145 22.5	11.18 125 11.3	- - C	11.04 230 9.2
9	10.35	110 26.2	10.48 130 18.7	11.06 220 24.6	11.18 250 16.8	11.38 230 14.4
10	10.36	105 20.4	10.50 150 20.9	11.08 100 22.7	11.22 200 7.0	11.40 240 9.9
11	10.27	120 25.5	10.45 125 26.2	11.03 155 25.0	11.18 220 23.6	11.35 240 18.7
12						
13	10.40	130 34.9	10.53 140 29.5	11.12 170 26.5	11.34 200 30.3	11.47 210 21.0
14	10.37	110 18.1	10.50 125 20.8	11.09 155 19.8	11.32 225 18.1	11.45 100 20.4
15	10.30	120 16.4	10.44 130 26.9	11.14 130 16.3	11.32 125 20.0	11.02 220 12.4
16	10.34	120 17.5	10.46 130 16.2	11.07 130 13.7	11.19 210 16.7	11.37 230 14.7
17	10.34	120 24.9	10.46 130 18.7	11.06 225 15.9	11.19 215 17.2	11.37 260 11.6
18	10.36	130 20.0	10.50 140 14.9	11.10 130 14.2	11.25 130 11.3	11.44 230 11.8
19						
20	10.38	115 23.3	10.53 130 24.8	11.13 120 30.9	11.32 130 30.1	11.45 125 35.9
21	10.35	130 17.1	10.50 140 19.7	11.02 180 20.4	11.22 200 16.4	11.32 210 19.8
22	- - C		10.45 140 28.5	11.18 130 21.1	11.36 125 24.8	11.05 125 23.3
23	10.35	110 32.2	10.48 150 29.0	11.07 225 22.2	11.21 200 18.8	11.40 230 20.5
24	10.35	130 23.9	10.50 140 25.3	11.10 130 16.4	11.23 130 17.3	11.44 225 17.5
25	10.37	120 15.6	11.44 135 20.0	10.53 200 15.6	11.12 220 17.4	11.25 225 6.8
26						
27	10.36	125 24.4	10.49 135 24.3	11.07 190 18.7	11.20 210 15.0	11.38 200 16.6
28	10.34	115 22.9	- - R	10.48 140 17.9	11.27 130 15.3	11.08 225 15.6
29	10.28	125 24.1	10.45 125 19.9	11.17 150 16.8	11.33 180 17.5	11.04 215 13.8
30	10.37	115 17.3	10.50 125 15.0	11.09 180 19.8	11.43 210 17.5	11.24 200 17.6
31	10.37	110 25.1	10.50 135 22.2	- - R	11.09 130 40.0	11.22 225 13.0
Median		23.3	22.2	19.5	17.2	14.7
Count		25	27	26	25	27

Freq:	1.95 Mc/s			2.3 Mc/s			2.6 Mc/s			2.9 Mc/s			3.2 Mc/s		
Date	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB
1	10.35	125	29.0	10.48	140	26.5	-	-	R	11.11	195	24.1	11.34	200	18.3
2															
3	10.35	120	20.2	10.49	125	15.4	11.07	150	20.3	11.21	150	20.9	11.40	220	17.1
4	10.35	115	22.4	10.48	130	21.8	11.06	160	21.5	11.20	250	18.2	11.38	220	14.3
5	10.25	120	19.9	10.45	135	20.0	11.19	150	19.9	-	-	C	11.05	210	18.1
6	10.35	120	20.0	10.48	120	19.7	11.06	130	17.0	11.35	225	15.8	11.48	235	16.1
7	10.34	115	14.7	10.47	125	17.8	11.05	190	22.5	11.18	225	16.2	11.36	210	14.9
8	10.35	110	27.0	10.49	120	24.9	11.05	160	21.8	11.20	250	21.4	11.40	225	16.7
9															
10	10.35	110	23.9	10.49	120	38.8	11.08	125	28.9	11.40	200	11.9	11.22	200	14.3
11	10.35	105	23.2	10.52	125	19.8	11.05	205	23.3	11.20	185	20.5	11.37	215	16.0
12	10.27	125	19.9	10.45	125	21.9	11.16	180	25.6	11.33	160	16.7	11.03	210	16.3
13	10.35	115	26.5	10.48	130	16.8	11.05	160	23.7	11.18	220	13.3	11.35	220	11.7
14	10.35	110	24.3	10.48	115	22.4	11.05	120	20.2	11.20	200	20.4	11.40	215	14.7
15	10.20	115	33.1	10.40	120	24.3	11.03	140	36.8	11.17	160	24.7	11.34	235	22.6
16															
17	10.40	110	24.8	10.50	110	21.3	11.08	130	22.8	11.23	220	23.4	11.40	200	17.5
18	10.32	110	27.4	10.45	115	20.4	11.04	130	25.0	11.16	240	24.8	11.36	220	21.7
19	10.25	110	21.8	10.45	120	28.0	11.35	130	22.0	11.18	220	24.5	11.05	200	18.5
20	10.37	115	27.2	10.50	120	25.5	11.08	120	23.2	11.21	170	26.7	11.39	220	22.3
21	10.35	110	25.5	10.48	115	23.0	11.06	115	20.6	11.19	180	25.2	11.38	220	20.4
22	10.35	115	12.3	11.13	120	21.1	11.26	125	18.8	11.41	175	20.2	12.00	230	15.6
23															
24	10.34	110	15.0	10.49	110	11.5	11.08	110	14.3	11.23	100	13.2	11.43	100	18.5
25	10.37	130	21.6	10.50	140	21.2	11.08	150	20.6	11.23	130	12.8	11.41	200	20.4
26	10.25	120	20.3	10.45	110	19.9	11.17	110	21.2	11.35	220	25.2	11.05	205	17.2
27	10.36	120	18.3	10.49	110	16.3	11.07	100	11.6	11.22	100	12.2	11.41	100	31.3
28	10.36	120	18.1	10.50	120	14.7	11.07	130	19.5	11.22	220	36.4	11.40	225	17.8
29	10.35	115	17.5	10.49	115	18.6	11.08	120	20.6	11.23	200	23.2	11.41	200	17.7
30															
31															
Median			21.8			21.1			21.3			20.7			17.5
Count			25			25			24			24			25

MONTH: MARCH 1964

Freq: 1.95 Mc/s		2.3 Mc/s			2.6 Mc/s			2.9 Mc/s			3.2 Mc/s				
Date	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB
1															
2	10.33	110	12.5	10.45	110	21.1	11.03	130	18.9	-	-	R	11.17	185	18.2
3	10.33	105	12.4	10.45	110	10.4	10.58	125	17.3	11.12	110	27.8	11.28	180	20.1
4	10.25	110	12.0	10.39	120	12.6	11.31	130	20.3	11.12	190	20.9	10.58	240	16.2
5	10.29	115	18.8	10.42	125	21.0	11.34	190	18.7	11.03	220	22.1	11.16	190	15.1
6	10.32	120	27.3	10.44	120	22.0	11.03	110	14.8	11.16	115	28.4	11.35	200	22.5
7	10.32	105	22.5	10.45	140	16.1	11.38	140	20.8	11.06	200	23.4	11.20	150	14.5
8															
9	10.35	115	28.7	10.48	115	21.7	11.06	115	27.0	-	-	R	11.20	210	25.0
10	10.35	110	28.7	10.48	110	23.5	11.06	120	29.3	11.19	140	31.4	11.38	170	25.3
11	10.27	110	27.9	10.43	110	29.2	11.28	115	32.1	11.15	130	35.2	11.02	205	27.1
12	10.35	110	24.5	10.48	110	20.0	11.06	120	24.7	-	-	R	11.21	200	22.1
13	10.33	110	25.0	10.46	110	17.4	10.59	110	17.9	-	-	R	11.16	200	20.6
14	10.32	115	27.6	10.45	120	26.7	11.02	125	23.1	11.15	150	27.0	11.34	215	23.4
15															
16	10.35	120	22.0	10.48	110	34.9	11.07	115	37.9	11.20	115	16.3	11.40	110	30.2
17	10.38	110	22.5	10.50	110	34.7	11.07	115	21.5	11.20	150	27.7	11.40	200	18.6
18	10.26	105	21.6	10.45	110	19.9	11.31	120	24.4	11.16	140	28.7	11.05	210	25.0
19	10.37	110	28.6	10.50	120	20.7	11.10	120	23.9	11.23	130	27.4	11.44	190	21.5
20	10.35	110	26.6	10.47	110	14.3	11.05	110	21.9	11.18	145	29.6	11.38	200	23.2
21	10.34	110	29.6	10.43	110	21.1	11.07	120	19.2	11.22	150	37.2	11.40	140	17.7
22															
23	10.36	110	20.2	10.49	110	17.9	11.07	110	16.0	11.20	110	13.1	11.40	110	38.7
24	10.32	110	32.2	10.45	115	34.4	11.04	120	29.3	11.18	130	34.3	11.30	200	28.5
25	10.20	105	29.3	10.40	110	34.4	11.33	110	28.7	11.15	130	40.5	11.02	200	24.7
26	10.32	110	27.4	10.46	110	28.3	11.04	115	25.1	11.17	125	32.4	11.36	200	30.3
27															
28	10.35	105	22.5	10.48	110	20.6	11.10	110	24.0	11.23	110	21.0	11.45	115	34.1
29															
30															
31	10.34	110	23.8	10.48	110	24.7	11.06	110	22.4	11.20	140	24.2	11.38	200	25.0
Median			24.7			21.1			22.7			28.5			23.3
Count			24			24			24			24			24

Freq: 1.95 Mc/s		2.3 Mc/s		2.6 Mc/s		2.9 Mc/s		3.2 Mc/s	
Date	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	
1	10.27 105 21.5	10.45 110 24.1	11.22 100 14.8	11.34 140 37.6	11.05 180 24.9				
2	10.37 105 29.2	10.51 110 27.9	11.08 120 28.4	11.24 160 37.0	11.42 200 26.7				
3	10.33 105 22.9	10.47 105 22.3	11.06 130 27.4	11.20 150 34.6	11.40 200 31.7				
4	10.33 110 30.0	10.47 110 30.0	11.06 105 17.0	11.20 145 35.3	11.38 230 35.3				
5									
6	10.32 110 36.9	10.45 115 25.2	11.14 120 25.2	11.18 140 33.0	11.37 215 34.8				
7	10.32 110 25.6	10.45 110 20.1	11.03 120 26.8	11.16 135 31.0	- - R				
8	10.28 110 24.0	10.45 105 18.5	11.33 105 15.0	11.16 105 23.8	11.03 105 35.3				
9	10.30 100 24.2	10.43 100 24.8	11.01 125 35.0	11.14 150 30.0	11.32 200 36.6				
10	10.30 100 28.9	10.43 110 23.9	11.00 120 19.5	11.13 120 17.1	11.32 210 11.7				
11	10.19 105 22.3	10.41 105 30.2	10.55 110 24.5	11.13 110 26.9	11.34 200 33.8				
12									
13	10.35 105 22.6	10.48 110 26.0	11.06 110 27.6	11.19 120 25.7	- - R				
14	11.02 100 26.9	11.15 100 21.9	11.35 105 25.2	11.48 115 37.1	- - C				
15	10.25 105 24.5	10.45 110 24.5	11.31 110 22.8	11.18 110 27.8	11.05 220 35.9				
16	10.35 120 35.1	10.48 110 28.8	11.06 110 21.4	11.19 110 28.0	- - R				
17	10.35 110 24.8	10.48 110 23.6	11.06 110 30.9	- - R	11.21 110 44.4				
18	10.30 110 23.8	10.43 110 24.8	11.01 120 29.1	11.15 115 29.4	- - R				
19									
20	10.35 100 23.5	10.47 105 23.6	11.06 115 24.4	11.20 130 33.3	11.36 200 29.4				
21	10.35 105 27.7	10.43 110 22.7	11.06 105 14.0	11.18 150 36.1	11.37 175 30.0				
22	10.30 105 29.9	10.45 105 33.2	11.35 100 19.3	11.18 100 18.9	11.05 100 16.6				
23	10.34 105 23.8	10.47 105 21.8	11.05 105 24.2	11.17 105 18.3	11.35 105 49.9				
24	10.35 105 25.1	10.47 105 22.2	11.05 110 23.7	11.18 110 22.8	11.35 110 48.0				
25	10.31 110 33.5	10.44 110 22.3	11.02 110 24.2	11.15 115 22.9	- - R				
26									
27	10.38 110 32.9	10.55 110 19.8	11.10 110 22.4	11.30 125 36.5	11.45 240 40.6				
28	10.35 105 34.2	10.48 105 26.7	11.07 110 30.8	11.20 140 38.9	- 125 C				
29	10.25 105 27.9	10.50 105 27.8	11.37 110 31.6	11.21 115 38.3	11.08 115 20.1				
30									
31									
Median	25.6	24.5	24.5	31.0	35.3				
Count	25	25	25	25	23				

MONTH: MAY 1964

Freq: 1.95 Mc/s		2.3 Mc/s		2.6 Mc/s		2.9 Mc/s		3.2 Mc/s	
Date	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	
1	10.34 110 26.4	10.48 110 27.8	11.06 105 23.0	11.20 105 27.1	11.38 130 25.5				
2	10.34 105 23.6	10.47 105 28.5	11.05 110 24.2	11.18 110 20.4	11.38 110 32.5				
3									
4	10.35 100 29.3	10.54 100 24.6	11.08 100 26.1	11.22 110 28.0	11.44 120 36.3				
5	10.37 100 28.9	10.52 105 20.3	11.09 105 18.1	11.23 105 22.0	- - R				
6	10.30 105 28.0	10.45 105 26.3	11.35 105 30.5	11.17 105 36.8	11.05 100 51.5				
7									
8	10.33 100 28.0	10.47 105 23.0	11.05 105 23.5	11.19 110 24.6	- - R				
9	10.32 105 24.9	10.46 105 22.6	11.03 105 23.6	11.17 110 32.7	11.37 110 48.1				
10									
11	10.41 105 31.1	10.54 110 30.0	11.13 120 28.1	11.26 125 R	11.41 100 46.9				
12	10.32 105 26.4	10.45 105 23.3	11.03 125 26.6	11.21 115 20.5	11.36 115 24.7				
13	10.25 110 28.6	10.39 105 29.1	11.25 105 27.1	11.10 110 30.5	10.58 105 19.4				
14	10.40 105 26.5	10.53 110 31.0	11.12 115 30.8	11.25 130 36.8	11.43 110 21.2				
15	10.35 105 30.1	10.48 110 33.8	11.05 120 30.9	11.18 130 34.2	11.37 145 28.3				
16	10.30 105 26.6	10.43 105 24.7	11.02 105 36.4	11.16 125 40.8	11.35 120 23.6				
17									
18									
19	10.35 105 25.2	10.48 105 23.6	11.06 105 27.1	11.20 115 34.2	- - R				
20	10.31 105 29.3	10.44 105 27.3	11.34 105 23.3	11.16 110 27.6	11.02 110 36.4				
21	10.34 105 23.5	10.47 105 24.1	11.05 105 27.5	11.18 110 34.9	- - R				
22	10.33 105 28.2	10.47 105 30.1	11.05 110 28.6	11.18 110 38.1	11.35 115 28.4				
23	10.35 100 27.1	10.48 105 26.1	11.07 115 29.9	11.21 105 22.9	11.38 105 13.9				
24									
25	10.35 105 24.3	10.50 105 28.0	11.06 105 22.8	11.20 105 20.7	11.35 180 30.7				
26	10.35 105 27.8	10.45 105 28.3	11.05 115 28.2	11.18 120 27.0	11.35 110 17.7				
27	10.30 105 23.8	10.45 105 25.8	11.36 105 22.9	11.23 105 23.2	11.04 110 32.7				
28	10.35 105 27.9	10.48 110 30.6	11.05 115 26.8	11.20 120 36.6	11.38 105 16.4				
29	10.35 105 30.1	10.48 105 26.7	11.05 105 27.0	11.18 110 32.3	11.35 160 35.0				
30	10.36 100 29.5	10.50 100 30.0	11.08 110 28.6	11.22 120 37.0	11.40 110 17.6				
31									
Median	27.8	27.0	27.0	31.4	31.6				
Count	24	24	24	24	24				

Freq: 1.95 Mc/s				2.3 Mc/s			2.6 Mc/s			2.9 Mc/s			3.2 Mc/s		
Date	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB
1	10.31	100	23.5	10.45	100	27.9	11.03	110	29.0	11.17	100	19.3	11.36	100	23.5
2	10.36	100	26.0	10.50	105	22.6	11.08	100	23.4	11.22	100	28.8	11.41	105	17.4
3	10.30	105	24.4	10.44	105	26.3	11.33	105	29.0	11.15	125	34.4	11.03	105	24.0
4	10.36	105	21.9	10.49	105	25.7	11.07	100	27.3	11.21	110	36.0	11.40	110	23.2
5	10.36	105	29.9	10.49	105	31.0	11.07	105	29.4	11.21	115	31.4	11.40	100	17.8
6	10.35	100	20.6	10.48	105	19.7	11.05	100	20.3	11.20	110	29.0	11.35	110	15.5
7															
8	10.34	100	26.9	10.48	100	27.1	11.06	105	26.5	11.20	110	34.1	11.38	110	22.4
9	10.36	100	35.2	10.50	100	31.0	11.08	105	28.7	10.22	110	34.7	-	-	R
10	10.25	100	25.1	10.44	105	34.0	11.35	105	23.0	11.16	110	21.2	11.03	105	15.8
11	10.33	100	34.5	10.46	105	32.3	11.04	110	28.1	11.18	110	31.1	11.37	110	29.0
12	10.36	100	32.8	10.49	105	29.3	11.07	105	32.4	11.21	105	33.6	11.39	110	21.8
13	10.35	100	35.1	10.49	105	35.7	11.06	110	27.8	11.21	110	29.6	11.44	110	18.0
14															
15	10.36	100	30.2	10.49	105	36.2	11.07	120	34.4	11.20	125	26.3	11.38	125	20.2
16	10.37	100	29.9	10.50	105	28.0	11.07	110	31.6	-	-	C	11.38	110	14.4
17	10.20	105	35.0	10.45	105	28.3	11.38	105	29.2	11.20	115	30.4	11.05	130	35.3
18	10.49	105	29.7	11.07	105	30.0	11.20	115	24.0	11.38	120	31.4	11.51	120	22.1
19	10.34	105	24.4	10.46	105	23.4	11.04	105	18.5	11.36	115	17.1	11.18	105	15.8
20	10.30	100	32.6	10.43	105	24.6	11.02	105	26.3	11.15	110	27.6	11.34	140	41.1
21															
22	10.35	105	26.6	10.48	105	26.2	11.06	105	32.5	11.19	115	40.0	11.37	110	21.5
23	10.35	105	25.2	10.48	105	32.5	11.06	105	29.8	11.20	110	27.2	11.38	115	40.5
24	10.30	110	26.3	10.43	105	42.4	11.33	110	27.4	11.15	115	29.7	11.02	110	22.3
25	10.35	105	29.1	10.48	105	31.3	11.06	105	30.4	11.19	120	37.3	11.37	110	21.7
26	10.35	105	28.2	10.48	105	26.9	11.06	105	27.2	11.19	105	25.5	11.37	105	38.3
27	10.31	100	32.1	10.45	105	28.3	11.03	110	26.8	11.17	110	23.6	11.35	100	16.7
28															
29	10.38	105	28.4	10.50	105	29.4	11.08	105	28.2	11.21	110	33.8	11.40	115	19.8
30	10.35	100	29.1	10.48	105	31.6	11.05	110	28.1	11.19	115	27.9	11.35	120	15.0
31															
Median			28.7			28.8			28.2			29.7			21.8
Count			26			26			26			25			26

MONTH: JULY 1964

Freq: 1.95 Mc/s		2.3 Mc/s		2.6 Mc/s		2.9 Mc/s		3.2 Mc/s	
Date	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	
1	10.25 105 30.2	10.40 105 25.5	11.26 105 29.0	11.13 105 21.2	11.00 105 15.9				
2	10.37 90 31.8	10.50 95 27.7	11.08 115 27.1	11.21 125 31.9	11.40 120 20.5				
3	10.25 100 26.2	10.40 100 28.8	11.02 110 27.9	11.15 115 26.8	11.33 100 16.3				
4	10.30 100 27.2	10.45 100 31.4	11.05 105 25.9	11.21 110 30.1	11.40 140 28.5				
5									
6	10.36 100 29.6	10.50 100 29.9	11.08 110 30.7	11.21 120 31.2	11.41 125 45.8				
7	10.32 100 30.7	10.46 100 31.7	11.12 110 30.1	11.31 115 37.8	11.45 150 42.8				
8	10.30 100 25.7	10.43 100 28.7	11.33 110 29.1	11.14 115 37.6	11.01 100 28.0				
9	10.35 105 22.1	10.48 105 28.4	11.07 110 26.9	11.21 120 40.1	11.40 130 29.5				
10	10.36 105 28.0	10.49 105 28.8	11.09 105 25.5	11.22 115 40.7	11.40 115 25.8				
11	10.36 100 27.3	10.50 110 36.2	11.08 120 34.2	11.21 130 33.0	11.40 110 18.5				
12									
13	10.35 100 28.0	10.48 100 26.8	11.07 120 31.6	11.22 130 25.3	11.40 130 22.9				
14	10.36 105 25.9	10.50 105 27.0	11.09 105 30.3	11.22 105 17.0	11.41 105 38.4				
15	10.25 100 30.5	10.42 105 28.8	11.30 110 27.3	11.16 120 29.0	11.02 150 39.2				
16	10.35 100 31.4	10.48 105 31.0	11.06 105 27.2	11.20 130 35.5	11.38 130 32.9				
17	10.34 100 28.5	10.47 100 28.2	11.06 105 22.2	11.20 105 30.2	11.37 110 19.3				
18	10.35 100 25.3	10.48 105 22.8	11.06 110 28.8	11.19 110 23.8	- - R				
19									
20	10.41 105 25.4	10.53 110 28.5	11.15 115 28.0	11.35 130 35.9	11.48 120 19.8				
21	10.34 105 31.1	10.47 110 23.7	11.04 105 17.7	11.18 100 16.8	11.35 100 16.5				
22	- - C	10.42 110 33.7	11.33 115 33.5	11.15 125 31.3	11.01 120 20.1				
23	10.36 110 36.1	10.50 115 32.8	11.08 120 28.7	11.21 115 24.0	11.39 105 18.1				
24	10.37 110 40.0	10.50 110 33.6	11.08 115 22.8	11.21 120 26.0	11.38 150 30.2				
25	10.32 100 28.5	10.45 105 24.5	11.03 110 26.7	11.17 110 27.1	11.35 110 32.3				
26									
27	10.32 105 34.1	10.45 110 33.2	11.03 110 27.1	11.16 125 31.2	11.34 120 24.6				
28	10.33 105 33.3	10.46 105 29.0	11.04 110 31.4	11.17 125 31.7	11.35 120 19.0				
29	10.22 105 22.1	10.45 105 25.4	11.18 100 22.9	- - C	11.05 105 21.8				
30	10.33 105 23.1	10.46 105 25.1	11.04 110 27.1	11.17 105 17.0	11.35 105 14.5				
31	10.32 100 24.3	10.45 105 28.8	11.03 105 30.5	11.16 105 16.2	11.29 105 15.1				
Median	28.2	28.8	27.9	30.2	22.9				
Count	26	27	27	26	27				

Freq: 1.95 Mc/s		2.3 Mc/s		2.6 Mc/s		2.9 Mc/s		3.2 Mc/s	
Date	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	
1	10.18 105 24.7	10.35 105 23.7	10.47 115 27.0	11.05 115 22.6	11.18 115 27.6				
2									
3	10.45 105 28.6	11.05 110 31.4	11.20 115 29.1	11.40 105 20.5	11.53 100 15.4				
4	10.35 105 28.2	10.48 105 28.6	11.07 105 35.6	11.23 115 29.7	11.45 115 22.5				
5	10.27 105 35.2	10.45 110 30.0	11.33 120 19.9	11.16 120 26.4	11.03 150 35.7				
6	10.35 105 26.0	10.50 105 28.2	11.10 105 18.9	11.26 105 17.1	11.40 125 24.5				
7	10.35 105 29.2	10.49 105 26.8	11.06 110 16.8	11.20 110 16.2	11.38 110 15.4				
8	10.33 110 34.5	10.46 115 31.7	11.05 120 26.7	11.18 115 19.4	- - R				
9									
10	10.36 105 30.6	10.50 120 26.1	11.07 120 24.5	11.22 120 25.2	11.41 110 19.7				
11	10.32 105 30.7	10.45 105 31.1	11.03 105 20.7	11.17 110 22.1	11.35 110 26.9				
12	10.20 105 29.4	10.43 100 27.3	11.35 110 29.1	11.12 115 22.4	11.02 105 16.1				
13	10.33 110 25.8	10.46 110 27.6	11.04 110 27.6	11.17 110 18.6	- - R				
14	10.32 105 24.9	10.45 110 23.6	11.03 110 24.1	11.16 110 17.6	11.35 100 15.4				
15	10.20 100 26.6	10.37 100 29.7	10.51 110 28.5	11.08 100 26.4	- - R				
16									
17	10.35 110 23.3	10.48 115 25.6	11.06 120 24.3	11.19 110 18.5	11.37 105 15.1				
18	10.33 100 31.1	10.46 110 27.3	11.03 110 24.3	11.18 130 30.3	11.36 120 19.6				
19	10.26 105 24.0	10.46 100 18.7	11.19 105 20.2	11.37 110 25.7	11.05 220 27.3				
20	10.34 105 28.9	10.48 110 28.7	11.06 100 16.1	11.19 110 19.5	11.37 115 23.4				
21	10.39 105 27.0	10.52 110 25.8	11.10 120 25.2	11.24 120 23.0	11.42 200 30.6				
22	10.33 110 22.6	10.46 110 19.9	11.03 115 22.8	11.16 120 24.3	11.33 110 14.7				
23									
24	10.32 110 24.3	10.45 110 23.3	11.03 110 18.5	11.16 110 18.2	11.34 110 17.8				
25	10.32 110 25.7	10.45 110 21.4	11.03 110 18.1	11.16 125 27.4	11.34 115 15.7				
26	10.20 100 25.2	10.45 100 22.4	11.33 110 23.8	11.17 130 38.5	11.05 125 19.1				
27	10.32 105 25.1	10.45 105 28.1	11.03 110 23.9	11.16 135 33.7	11.34 120 23.3				
28	10.32 105 20.2	10.45 110 23.2	11.03 110 23.8	11.16 135 29.6	11.34 105 17.0				
29	10.30 105 20.9	10.46 115 21.3	11.05 115 26.4	11.19 120 26.8	11.37 110 17.3				
30									
31	10.35 105 22.9	10.49 105 19.8	11.07 110 19.7	11.20 120 22.9	11.38 210 25.3				
Median	25.9	26.4	24.0	22.9	21.1				
Count	26	26	26	26	26				

MONTH: SEPTEMBER 1964

Freq: 1.95 Mc/s		2.3 Mc/s		2.6 Mc/s		2.9 Mc/s		3.2 Mc/s	
Date	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	
1	10.37 105 22.0	10.50 110 24.6	11.08 110 27.6	11.21 105 18.0	11.41 105 15.9				
2	10.34 110 34.2	10.48 110 26.9	11.37 120 26.1	11.19 120 18.2	11.06 105 14.9				
3	10.33 105 28.2	10.46 115 32.2	11.05 115 29.6	11.19 110 18.0	11.38 110 24.7				
4	10.32 105 26.6	10.45 110 25.5	11.02 110 23.5	11.15 110 18.5	11.35 110 13.8				
5	10.33 110 25.0	10.45 110 28.8	11.03 110 14.7	11.16 110 17.1	11.34 190 27.7				
6									
7	10.42 105 23.5	11.05 105 22.1	11.16 110 22.8	11.33 125 32.4	11.46 110 16.3				
8	10.32 105 23.4	10.45 110 27.6	11.05 105 18.0	11.18 100 17.4	11.35 200 15.2				
9	10.30 100 23.3	10.45 110 29.2	11.33 120 21.4	11.17 110 16.6	11.05 105 14.1				
10	10.35 105 26.6	10.48 110 17.6	11.07 115 21.7	11.20 115 29.2	11.35 205 25.2				
11	10.35 100 22.5	10.48 110 24.5	11.05 115 24.1	11.18 120 17.6	11.36 150 18.3				
12	10.34 110 20.3	10.49 110 18.8	11.06 105 22.0	11.19 120 24.6	11.40 215 9.7				
13									
14	10.34 110 24.2	10.47 110 21.9	11.04 115 24.8	11.18 110 27.8	11.37 110 17.4				
15	10.34 110 23.3	10.47 110 19.0	11.04 110 22.2	11.17 115 17.9	11.36 110 18.3				
16	10.27 105 19.7	10.42 110 26.2	11.34 110 23.0	11.16 115 29.6	11.02 120 19.0				
17	10.37 110 22.8	10.50 105 13.4	11.08 110 24.0	11.22 115 34.9	11.41 225 21.0				
18	10.32 105 22.6	10.45 105 22.5	11.04 110 20.8	11.17 115 41.0	11.36 120 19.5				
19	10.20 110 22.8	10.37 110 20.5	10.50 120 23.3	11.09 130 28.0	11.23 200 27.7				
20									
21	10.32 105 27.2	10.47 110 19.4	11.04 110 13.4	- - R	- - R				
22	10.37 105 22.7	10.50 110 25.7	11.08 120 17.4	11.22 110 15.4	11.40 110 12.4				
23	10.30 110 21.6	10.45 115 23.1	- - C	11.22 120 15.7	11.05 200 17.5				
24	10.33 110 22.6	10.46 120 21.1	11.04 120 19.9	11.18 130 45.9	11.37 120 34.5				
25	10.32 110 28.0	10.45 110 17.4	11.03 120 24.0	- - R	11.18 200 22.5				
26	10.20 110 23.5	10.37 110 22.9	10.50 115 16.8	11.08 110 23.5	11.22 205 22.6				
27									
28	10.34 110 23.4	10.54 115 19.5	11.16 125 20.2	- - R	11.35 205 20.9				
29	10.32 110 21.2	10.45 115 22.5	11.03 125 20.2	11.37 120 14.6	11.18 210 20.1				
30	10.35 105 22.6	10.48 115 22.7	11.35 115 21.6	11.19 115 21.1	11.05 110 13.9				
31									
Median	23.3	22.6	22.0	22.3	18.6				
Count	26	26	25	26	26				

Freq: 1.95 Mc/s				2.3 Mc/s			2.6 Mc/s			2.9 Mc/s			3.2 Mc/s		
Date	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB
1	10.36	115	21.0	10.49	115	21.1	11.41	140	23.9	11.09	120	14.9	11.22	120	12.8
2	10.32	120	21.9	10.45	120	21.3	-	-	R	11.03	130	15.6	11.16	115	10.6
3	10.30	100	20.4	10.43	105	16.6	11.01	130	18.1	11.15	120	14.3	11.33	120	12.3
4															
5	10.33	110	25.4	10.46	110	27.5	11.04	130	29.4	11.18	205	33.4	11.36	205	17.1
6	10.32	110	33.4	10.45	115	27.0	11.03	130	26.5	11.16	130	17.0	11.34	125	16.4
7	10.35	115	27.1	10.47	115	29.4	-	-	C	11.20	200	26.8	11.06	215	22.1
8	10.32	115	31.2	10.45	115	29.0	11.03	120	20.6	11.16	110	20.8	11.34	110	19.4
9	10.32	110	26.9	10.45	110	26.4	11.03	110	20.5	11.16	110	19.1	11.34	200	22.8
10	10.37	115	25.7	10.49	125	26.1	11.07	115	14.6	11.20	110	27.6	11.38	205	19.8
11															
12	10.35	105	26.0	10.50	120	23.7	11.05	120	20.4	11.20	190	21.4	11.40	210	21.4
13	10.37	120	26.1	10.50	120	24.0	11.08	125	13.7	11.20	215	22.7	11.38	195	13.2
14	10.30	110	31.6	10.45	120	23.7	11.36	110	19.1	11.17	110	19.4	11.05	210	15.0
15	10.37	110	18.7	10.51	110	20.0	11.10	110	20.2	11.24	200	17.9	11.42	240	15.9
16	10.35	110	20.5	10.48	115	13.4	11.05	125	16.6	11.18	200	17.2	11.40	200	13.6
17	10.37	110	22.3	10.53	115	21.0	11.12	110	10.0	11.30	110	41.6	11.44	110	20.9
18															
19	10.37	105	28.1	10.50	110	17.7	11.09	125	16.3	11.22	210	18.7	11.40	205	18.0
20	10.35	105	17.9	10.48	105	13.8	11.07	110	23.2	11.20	215	18.0	11.40	210	14.6
21	10.29	105	12.0	10.45	105	10.4	11.21	105	10.3	11.34	100	10.2	11.07	110	12.1
22	10.40	105	15.1	10.53	105	16.4	11.15	130	24.5	11.33	200	17.7	11.46	220	15.0
23	10.37	100	20.7	10.50	100	14.0	11.08	100	10.5	11.22	100	11.7	11.42	100	12.2
24	10.32	105	22.2	10.45	110	17.3	11.03	105	15.8	11.16	105	38.9	11.35	200	12.7
25															
26	-	-	C	11.35	115	19.9	11.48	115	19.9	-	-	C	12.08	210	14.8
27	10.43	105	13.7	11.01	105	12.3	11.15	105	8.6	11.35	105	15.7	11.49	105	22.3
28	10.27	105	9.5	10.40	100	10.4	11.34	100	16.4	11.15	100	13.5	11.01	200	11.8
29	10.34	100	14.0	10.48	100	17.1	11.12	140	22.0	11.20	200	16.4	11.38	230	11.3
30	10.34	110	15.7	-	-	R	-	-	R	10.50	205	15.2	11.08	230	11.5
31	10.35	110	9.5	10.50	100	11.6	11.05	100	10.4	11.20	220	14.7	11.35	225	13.4
Median			21.4			20.0			19.5			17.8			14.8
Count			26			27			26			26			27

MONTH: NOVEMBER 1964

Freq: 1.95 Mc/s		2.3 Mc/s		2.6 Mc/s		2.9 Mc/s		3.2 Mc/s	
Date	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB
1									
2	10.34 100 15.5	10.48 105 21.8	- - R	11.07 190 17.0	11.19 230 15.3				
3	10.35 105 8.6	10.49 120 14.1	11.09 100 10.2	11.23 105 11.6	11.40 100 15.6				
4	10.25 110 12.2	10.43 110 16.2	11.33 150 21.7	11.15 200 13.2	11.02 210 10.6				
5	10.50 100 16.2	11.08 100 26.4	11.21 130 22.0	11.41 210 18.6	12.00 220 18.5				
6	10.35 105 10.2	10.48 135 12.0	11.05 100 9.5	11.37 100 29.9	11.19 220 17.2				
7	10.28 110 19.8	10.43 100 13.6	11.01 100 16.2	11.15 230 15.9	11.34 240 10.3				
8									
9	10.34 110 17.0	10.47 120 19.6	11.06 200 15.7	11.19 240 18.7	11.37 240 13.1				
10	10.34 105 16.5	10.47 140 17.8	11.06 105 10.7	11.23 210 13.8	11.41 245 10.3				
11	10.32 110 27.5	10.47 105 10.1	11.20 240 10.8	11.32 220 12.9	11.05 100 24.0				
12	10.42 110 15.4	11.03 105 11.8	11.17 100 24.5	11.37 140 14.3	11.50 220 11.9				
13	10.33 105 13.2	10.46 140 15.4	11.04 105 14.0	11.17 105 20.6	11.36 230 15.7				
14	10.33 105 22.1	10.47 130 18.9	11.06 180 20.0	11.19 225 18.1	11.37 230 14.9				
15									
16	10.35 105 22.4	10.50 130 25.0	11.05 210 15.1	11.18 220 12.0	11.35 225 12.0				
17	10.35 110 26.9	10.48 125 27.1	11.05 175 21.3	11.18 110 48.5	11.37 220 15.7				
18	10.30 115 23.6	10.47 140 29.0	- - C	11.24 230 18.3	11.07 230 15.4				
19	10.35 120 17.3	10.48 140 18.9	11.05 240 20.4	11.18 230 10.6	11.40 225 10.5				
20	10.35 100 20.5	10.48 120 21.2	11.05 190 14.1	11.18 240 13.4	11.35 230 11.2				
21	10.35 120 16.3	10.48 130 19.1	11.05 165 12.0	11.18 225 13.1	11.35 225 10.0				
22									
23	10.38 130 20.2	11.06 165 34.2	11.18 225 11.5	11.33 225 14.1	11.46 225 13.6				
24	10.37 105 24.5	10.52 110 38.9	11.15 230 16.9	11.35 220 22.3	11.48 230 11.2				
25	- - C	- - C	- - C	- - C	- - C				
26	10.36 110 12.3	10.49 105 23.3	- - C	11.22 200 15.6	11.08 210 14.9				
27	10.34 115 26.6	10.47 175 20.0	11.09 175 7.8	11.25 215 14.5	11.43 210 12.6				
28	10.32 130 34.7	10.46 165 31.1	11.04 240 26.2	11.18 230 26.9	11.36 225 24.9				
29									
30	10.37 140 21.7	10.51 150 18.9	11.09 140 12.6	11.24 215 12.8	11.43 230 10.2				
31									
Median	18.5	19.4	15.4	15.0	13.3				
Count	24	24	22	24	24				

Freq: 1.95 Mc/s				2.3 Mc/s			2.6 Mc/s			2.9 Mc/s			3.2 Mc/s		
Date	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB
1	11.13	100	15.9	-	-	R	-	-	R	10.38	240	8.1	10.54	250	9.9
2	10.35	150	9.5	10.47	170	14.3	11.36	210	7.6	11.19	205	12.6	11.05	225	8.7
3	10.33	110	13.0	-	-	R	10.48	145	18.6	11.05	230	9.7	11.18	240	5.4
4	10.33	130	11.8	-	-	R	10.49	130	6.7	11.26	130	8.3	11.12	240	11.0
5	10.37	130	21.0	10.51	130	11.3	-	-	R	11.11	240	10.0	11.25	250	10.7
6	11.21	135	9.5	10.37	125	8.3	10.50	120	8.2	11.08	120	16.0	11.38	220	7.4
7															
8	11.07	110	14.1	11.23	145	14.5	-	-	R	-	-	R	10.49	225	9.5
9	10.34	115	11.3	10.47	120	9.0	-	-	R	11.18	220	8.3	11.05	215	7.9
10	10.32	120	18.8	10.45	120	17.1	11.03	150	15.3	11.17	230	17.4	11.35	215	17.2
11	10.37	125	25.4	10.48	135	20.8	11.06	120	14.7	11.19	120	15.7	11.38	230	9.7
12	10.33	140	17.4	10.46	140	17.3	11.04	130	12.5	11.17	215	12.2	11.36	240	10.1
13															
14	10.37	120	16.1	10.50	125	11.3	11.08	125	10.1	11.21	125	11.3	-	-	R
15	10.35	125	18.0	10.49	120	13.8	11.07	120	9.4	11.21	120	8.2	11.40	120	13.2
16	10.21	125	18.6	10.40	120	19.3	11.33	125	11.7	11.20	220	12.7	11.05	230	10.5
17	10.35	130	17.4	10.48	120	25.0	11.07	120	11.5	11.20	240	12.1	11.39	240	9.9
18	10.34	140	20.6	10.47	210	17.1	11.05	210	11.0	-	-	R	11.40	220	11.8
19	10.28	130	22.0	10.43	150	15.5	11.03	150	10.7	11.16	210	12.5	11.25	240	12.8
20															
21	10.40	110	19.5	10.52	115	15.8	11.12	200	23.4	11.24	225	15.1	11.43	230	12.5
22	10.35	120	13.9	10.48	140	15.9	11.05	200	15.2	11.18	210	13.5	11.38	240	11.5
23	10.30	110	12.2	10.45	110	16.6	11.18	105	13.8	11.32	280	10.1	11.05	200	10.2
24	10.35	120	20.3	10.48	130	25.4	11.06	215	23.6	11.20	210	15.1	11.40	220	12.4
25															
26															
27															
28	10.38	120	15.6	10.53	170	18.7	11.11	220	14.3	11.29	200	11.0	11.44	235	10.1
29	10.36	120	18.1	10.50	150	22.0	11.10	130	14.7	11.30	230	13.0	11.45	230	12.6
30	10.30	115	15.5	10.44	140	16.8	11.36	170	17.7	11.17	215	12.0	11.05	225	10.4
31	10.40	115	11.8	11.03	115	11.2	11.16	115	5.4	11.35	220	6.7	11.49	230	10.7
Median			16.1			16.8			14.3			12.2			10.5
Count			25			25			25			25			25

MONTH: JANUARY 1965

Freq: 1.95 Mc/s		2.3 Mc/s			2.6 Mc/s			2.9 Mc/s			3.2 Mc/s				
Date	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB			
1															
2	10.42	120	19.5	11.46	140	20.3	11.00	160	15.3	11.13	220	16.3	11.31	230	16.3
3															
4	10.37	130	32.4	10.51	180	32.1	11.10	140	21.9	11.24	230	24.4	11.42	230	22.8
5	10.35	120	16.8	10.49	120	12.7	11.08	110	10.4	11.22	110	13.0	11.40	120	23.4
6	10.36	110	13.7	10.45	120	17.8	11.05	-	R	11.15	105	34.4	11.05	225	13.6
7	10.36	130	19.4	10.45	-	R	10.52	150	18.3	11.11	210	13.9	11.25	220	15.5
8	10.33	110	19.9	10.46	120	12.1	11.04	110	13.2	11.20	230	11.7	11.38	240	12.4
9	10.33	130	23.7	10.47	130	14.3	11.05	130	11.0	11.19	130	11.6	11.37	230	11.4
10															
11	10.39	125	15.7	10.54	145	18.7	11.13	190	10.5	11.28	230	11.8	11.47	235	24.9
12	10.42	125	21.7	10.45	-	R	10.59	225	13.5	11.18	220	15.0	11.37	235	27.7
13	10.25	140	19.1	10.44	150	24.4	-	-	-	11.20	240	15.7	11.02	240	14.4
14	10.30	130	21.9	10.49	150	24.8	11.09	130	14.9	11.28	220	15.8	11.47	240	10.8
15	10.39	120	16.9	10.53	120	15.0	11.10	120	11.8	11.23	120	17.2	11.42	120	14.6
16	10.35	110	21.6	10.48	140	20.4	11.06	140	16.6	11.20	-	R	11.22	215	28.7
17															
18	10.35	110	23.2	10.48	115	19.1	11.09	115	16.4	11.33	110	19.2	11.47	110	15.6
19	10.37	130	16.8	10.50	145	19.3	11.09	135	12.6	11.22	215	12.7	11.40	230	15.7
20	10.28	130	16.3	10.43	130	14.3	11.18	130	21.8	11.38	210	10.0	11.04	230	13.4
21	10.36	120	19.9	10.49	130	20.0	11.07	125	16.5	11.20	-	R	11.20	230	15.6
22	10.35	120	20.0	10.48	150	23.6	11.06	210	16.8	11.19	220	17.3	11.38	220	14.2
23	10.35	105	15.9	10.48	105	20.9	11.06	180	13.7	11.19	225	13.7	11.42	245	11.1
24															
25	10.35	120	18.3	10.50	130	20.6	11.09	180	13.0	11.22	215	11.3	11.41	220	14.3
26	10.36	130	17.2	10.52	130	16.6	11.10	160	14.5	11.23	150	14.0	11.43	220	12.5
27	10.33	110	24.1	10.44	110	18.3	11.33	125	16.9	11.20	125	18.7	11.07	220	21.8
28	10.36	110	14.3	10.50	120	16.2	11.08	125	11.3	11.21	195	16.5	11.46	220	18.4
29	10.35	115	19.3	10.49	125	18.6	11.07	140	10.8	11.20	180	15.3	11.40	230	10.8
30	10.31	130	14.1	10.45	155	29.1	11.04	150	16.3	11.18	150	9.1	11.36	130	9.7
31															
Median			19.3			19.3			14.7			15.3			14.5
Count			25			25			24			25			25

Freq: 1.95 Mc/s				2.3 Mc/s			2.6 Mc/s			2.9 Mc/s			3.2 Mc/s		
Date	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB
1	10.37	120	17.2	10.50	105	19.0	11.09	180	20.3	11.28	105	19.2	11.42	200	18.4
2	10.35	110	20.2	10.48	120	26.6	11.05	130	19.0	11.20	225	24.4	11.39	215	19.4
3	10.20	115	20.6	10.40	120	22.7	11.30	130	20.6	11.13	120	16.4	11.00	215	17.6
4	10.32	115	11.7	10.45	120	15.4	11.04	135	14.7	11.18	240	15.6	11.36	230	15.2
5	10.33	115	15.6	10.47	120	15.1	11.05	140	13.4	11.19	240	21.8	11.40	230	11.9
6	10.40	105	16.2	11.00	105	12.6	11.13	110	18.0	11.31	220	8.1	11.44	220	13.7
7															
8	10.35	120	17.7	10.48	130	11.1	11.41	210	21.2	11.08	140	11.7	11.22	140	7.2
9	10.37	130	19.3	10.50	140	14.2	11.41	150	31.8	11.08	270	20.4	11.22	240	9.9
10	10.30	115	18.4	10.45	130	16.6	11.20	120	11.2	11.35	210	18.1	11.05	220	19.4
11	11.34	120	18.5	10.47	130	19.1	11.06	150	23.3	11.19	220	18.4	11.38	220	14.7
12	10.34	120	22.0	10.47	130	22.0	11.22	150	24.4	-	-	R	11.08	250	15.4
13	10.33	120	29.3	10.45	120	24.8	11.05	120	27.5	11.17	190	23.8	11.35	220	18.1
14															
15	10.33	120	24.1	10.47	125	24.9	11.05	140	21.0	11.18	200	27.3	11.38	205	17.6
16	10.34	120	17.9	10.47	125	13.1	11.06	135	16.4	-	-	R	11.26	225	15.3
17	11.20	115	17.8	10.45	140	18.8	11.38	135	20.4	-	-	C	12.09	215	18.5
18	10.33	120	19.4	10.47	120	20.7	11.04	140	17.7	11.18	195	26.1	11.37	250	13.4
19	10.32	120	16.9	10.45	120	17.1	11.03	140	18.4	11.36	190	22.6	11.17	220	23.3
20	10.36	120	14.2	10.49	120	12.4	11.07	135	17.3	-	-	R	11.21	205	14.2
21															
22	10.35	120	15.7	10.48	120	17.4	11.07	140	15.2	11.38	110	22.1	11.52	220	14.9
23	10.33	110	15.5	10.46	115	19.8	11.04	140	19.6	11.17	150	13.7	11.35	220	12.2
24	10.30	110	13.1	10.43	110	14.2	11.37	140	22.2	11.17	200	23.2	11.05	105	28.6
25	10.35	110	17.6	10.48	120	24.2	11.06	140	17.2	11.19	130	13.7	11.37	200	19.6
26	10.33	115	16.0	10.46	115	18.0	11.04	130	18.1	11.34	200	18.0	11.20	220	15.1
27	11.05	125	21.0	11.17	140	20.2	11.29	130	17.7	11.29	190	20.5	11.53	180	22.1
28															
29															
30															
31															
Median			17.7			18.4			18.7			19.8			15.3
Count			24			24			24			20			24

MONTH: MARCH 1965

Freq: 1.95 Mc/s		2.3 Mc/s		2.6 Mc/s		2.9 Mc/s		3.2 Mc/s	
Date	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	
1	12.09 125 19.9	10.57 120 13.9	11.13 135 10.2	11.32 210 28.3	11.49 250 17.4				
2	10.32 105 20.4	10.46 115 12.5	11.20 135 27.2	11.20 225 30.0	11.52 210 20.7				
3	10.20 120 21.8	10.45 100 16.2	11.35 130 20.1	11.17 230 23.3	- - R				
4	10.34 110 24.4	10.49 120 14.2	11.08 120 12.0	11.22 120 14.3	11.41 120 38.7				
5	10.33 125 18.0	10.46 120 18.3	11.09 135 17.9	11.23 200 17.3	11.42 175 17.6				
6	10.34 110 21.8	10.47 120 14.1	11.06 110 22.6	11.19 190 26.1	11.37 110 33.0				
7									
8	10.31 110 17.9	10.45 105 11.3	11.10 110 10.2	11.28 110 16.3	11.40 210 17.1				
9	10.44 110 17.3	11.01 105 11.4	11.15 115 12.8	11.33 140 29.2	11.47 200 15.3				
10	10.30 110 18.5	10.45 110 23.1	11.36 125 18.5	11.18 110 46.0	11.05 190 22.8				
11	10.40 110 17.2	10.53 105 14.7	11.12 105 10.3	11.31 105 14.8	11.44 100 26.1				
12	10.32 110 17.6	10.45 110 12.7	11.04 100 10.0	11.17 110 23.1	11.36 180 17.1				
13	10.38 120 12.1	11.51 120 15.3	12.06 120 12.4	12.20 120 34.4	12.40 200 16.8				
14									
15	10.36 120 19.3	10.50 130 18.8	11.07 120 23.7	11.22 130 19.3	11.44 140 11.4				
16	10.33 110 18.5	10.46 120 19.0	11.05 130 16.8	11.40 105 8.5	11.20 170 14.9				
17	10.22 125 18.2	10.41 125 15.9	11.34 145 16.3	11.14 155 25.4	11.00 210 22.0				
18	10.33 120 19.0	10.46 130 15.3	- - R	- - R	11.06 190 19.4				
19	10.32 110 22.0	10.46 120 21.7	11.03 120 11.6	11.37 140 26.8	11.17 230 21.1				
20	10.29 110 20.6	10.42 120 15.7	11.00 140 11.3	11.15 150 21.9	11.33 200 18.0				
21									
22	10.33 110 22.5	10.48 110 13.2	11.07 110 28.0	- - R	11.21 175 21.3				
23	10.32 110 18.9	10.46 110 17.6	11.04 120 19.4	11.17 150 36.1	11.35 140 14.0				
24	10.29 105 22.7	10.45 110 16.2	11.20 105 11.8	11.33 100 15.4	11.05 100 15.5				
25	10.33 110 24.6	10.51 110 20.9	11.09 125 25.2	11.22 125 15.2	11.40 125 15.1				
26	10.32 110 28.9	10.46 110 26.8	11.04 110 29.3	11.17 115 28.2	11.35 110 21.0				
27	10.15 105 26.3	10.35 105 20.6	10.48 115 33.2	11.07 110 19.5	11.21 200 27.6				
28									
29	10.33 105 26.1	10.46 110 24.9	11.05 120 24.9	11.19 140 24.4	11.37 200 25.3				
30	10.35 105 20.0	10.48 110 19.3	11.06 115 20.4	11.19 115 14.4	11.38 180 23.9				
31	10.20 115 12.9	10.45 115 15.4	11.34 115 16.5	11.16 115 19.6	11.05 175 24.6				
Median	19.9	15.9	17.9	23.3	20.0				
Count	27	27	27	27	26				

Freq: 1.95 Mc/s				2.3 Mc/s			2.6 Mc/s			2.9 Mc/s			3.2 Mc/s		
Date	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB
1	10.34	110	24.3	10.47	115	21.7	11.05	115	23.4	11.18	140	26.7	11.36	200	25.8
2	10.33	110	26.4	10.46	110	19.3	11.04	110	21.6	11.17	130	26.5	11.35	200	34.8
3	10.33	120	26.4	10.47	120	14.0	11.06	120	15.8	11.19	130	22.2	11.37	130	19.9
4															
5	10.32	110	22.4	10.46	110	19.6	11.03	115	14.9	11.16	120	21.0	-	-	R
6	10.23	110	19.0	10.43	110	14.2	11.01	120	12.1	11.14	130	22.5	11.36	200	22.9
7	10.30	105	18.5	10.45	100	17.8	11.35	110	19.0	11.17	110	24.7	11.05	115	16.5
8	10.34	105	23.8	10.47	120	15.6	11.05	120	17.0	11.20	130	19.6	11.38	130	35.8
9	10.28	100	19.2	10.42	105	19.6	11.00	110	13.7	11.16	120	12.8	11.35	120	24.5
10	10.34	110	22.9	10.47	110	19.6	11.04	110	9.9	11.18	110	19.8	-	-	R
11															
12	10.37	110	19.2	10.50	105	18.3	11.09	105	15.6	11.23	110	20.1	11.43	110	20.0
13	10.37	100	20.6	10.49	100	19.6	11.09	110	25.7	11.22	110	17.2	11.40	210	31.7
14	10.30	110	20.6	10.45	110	17.7	11.35	110	18.2	11.18	120	20.4	11.04	130	19.5
15	10.37	110	23.4	10.50	105	22.5	11.07	110	19.9	11.21	115	22.5	11.41	115	18.5
16	10.33	105	25.8	10.47	110	21.8	11.06	110	21.2	11.20	120	26.2	11.37	115	33.9
17	10.33	110	26.3	10.46	110	23.3	11.04	110	19.8	11.17	115	20.7	11.36	125	31.3
18															
19															
20	10.33	105	25.0	10.49	110	22.0	11.07	115	16.7	11.20	120	22.5	-	-	R
21	12.15	110	20.7	10.40	110	26.1	11.31	110	25.0	11.12	115	21.5	10.53	200	31.0
22	10.37	110	23.4	10.50	110	20.6	11.08	115	18.3	11.22	120	15.1	-	-	R
23	10.41	100	30.3	10.54	110	23.7	11.12	120	22.1	11.33	130	24.1	11.47	130	20.5
24	10.22	105	28.0	10.41	110	24.2	11.03	110	28.3	11.18	125	27.5	11.36	125	48.2
25															
26	10.36	110	23.0	10.49	110	17.6	11.07	115	17.0	11.20	115	16.9	-	-	R
27	10.36	110	22.3	10.48	110	17.8	11.07	110	15.1	11.19	125	21.0	-	-	R
28	10.23	120	17.7	10.45	120	20.4	11.20	145	19.1	11.38	140	18.3	11.05	125	23.9
29	10.32	110	28.8	10.45	110	19.8	11.03	115	17.5	11.16	120	22.4	-	-	R
30	10.32	110	28.9	10.44	110	23.5	11.02	115	21.4	11.15	135	32.6	-	-	R
31															
Median			23.4			19.6			18.3			21.5			31.0
Count			25			25			25			25			25

MONTH: MAY 1965

Freq: 1.95 Mc/s				2.3 Mc/s			2.6 Mc/s			2.9 Mc/s			3.2 Mc/s						
Date	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB				
1	10.30	110	17.6	10.44	110	14.9	11.03	120	25.7	-	-	R	-	-	R				
2																			
3	10.33	110	21.6	10.46	110	20.9	11.06	110	18.0	11.19	110	21.4	11.37	120	20.7				
4	10.33	110	27.4	10.46	110	27.7	11.04	110	23.0	11.18	135	32.7	11.36	150	27.7				
5	10.30	100	20.5	10.45	105	24.0	11.36	110	27.1	11.18	110	30.9	11.05	115	20.8				
6	10.35	105	22.8	10.48	110	22.0	11.06	110	18.7	11.19	140	31.4	11.37	125	20.8				
7	10.33	110	26.2	10.46	110	23.0	11.05	110	22.5	11.18	130	24.2	11.36	110	15.6				
8	10.31	105	26.3	10.45	105	24.7	11.03	105	24.4	11.17	120	32.0	11.35	150	27.7				
9																			
10	10.28	100	21.3	10.42	105	34.2	11.06	120	29.3	11.20	120	29.9	11.38	185	31.6				
11	10.34	100	27.8	10.48	115	28.2	11.06	120	23.5	11.20	125	27.1	11.39	120	15.5				
12	10.19	105	20.8	10.45	105	27.6	11.35	105	26.4	11.18	130	36.9	11.05	105	46.8				
13	10.22	105	27.5	10.40	105	22.3	11.02	115	23.8	11.16	140	28.4	11.35	130	16.0				
14	10.30	105	25.4	10.43	105	22.4	11.02	110	20.7	11.14	130	27.1	11.35	135	39.1				
15	10.33	105	27.0	10.46	110	31.4	11.06	110	28.7	11.19	120	28.8	11.37	135	31.5				
16																			
17	10.50	100	26.2	11.08	105	27.1	11.33	105	29.1	11.46	115	31.3	-	-	C				
18	10.40	100	28.1	10.59	100	27.4	11.12	100	28.6	11.31	105	25.4	11.44	105	23.3				
19	10.30	100	33.0	10.45	100	27.9	11.35	110	26.6	11.18	110	29.2	11.05	130	34.8				
20	10.30	100	27.0	10.43	110	25.2	11.02	100	26.7	11.16	110	26.5	11.34	115	28.4				
21	10.44	105	31.0	10.57	110	25.5	11.14	115	26.2	11.35	120	29.3	11.48	125	24.4				
22	10.37	105	32.4	10.52	110	25.7	11.08	105	21.2	11.21	110	27.9	11.38	110	22.5				
23																			
24	-	-	C	11.30	100	28.8	11.43	100	21.6	12.15	100	39.1	12.01	130	38.0				
25	10.35	100	18.0	10.49	100	25.0	11.07	110	24.2	11.21	110	34.0	11.39	110	23.6				
26	10.36	100	20.6	10.50	110	24.9	11.40	100	29.2	11.21	120	29.1	11.07	130	30.9				
27																			
28	10.32	120	38.3	10.45	110	30.6	11.03	120	32.5	11.16	120	29.5	11.35	120	24.2				
29	10.15	100	27.5	10.35	100	28.5	10.48	105	25.1	11.06	110	27.1	11.20	110	24.2				
30																			
31	10.33	110	22.2	10.47	110	20.6	11.04	115	20.9	11.37	120	34.7	11.18	110	21.7				
Median			26.2				25.5				25.7				29.3				24.3
Count			24				25				25				25				24

Freq: 1.95 Mc/s		2.3 Mc/s		2.6 Mc/s		2.9 Mc/s		3.2 Mc/s	
Date	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB
1	10.32 110 21.7	10.44 110 25.5	11.03 110 24.0	11.34 120 34.4	11.17 120 26.2				
2	10.22 105 23.3	10.45 105 29.7	11.33 105 27.9	11.16 105 30.3	11.04 105 17.7				
3	10.32 105 24.2	10.45 110 28.9	11.03 115 25.7	11.33 120 33.4	11.16 115 23.8				
4	10.32 110 28.1	10.45 110 26.3	11.03 115 30.6	11.15 125 33.8	11.33 130 36.0				
5	10.27 100 29.6	10.40 110 26.3	11.03 120 27.7	11.17 120 28.0	- - R				
6									
7									
8	10.35 110 30.3	10.48 110 32.5	11.06 110 32.9	11.19 115 36.9	11.37 135 32.9				
9	10.32 125 19.5	10.45 125 25.2	11.17 125 30.4	11.31 130 41.2	11.05 130 24.4				
10	10.40 105 35.9	10.53 105 23.2	11.11 105 27.1	11.25 125 43.4	11.45 115 22.7				
11	10.37 105 29.3	10.50 105 26.0	11.11 105 29.7	11.24 120 36.6	11.42 120 30.8				
12	10.31 100 29.7	10.46 100 28.8	11.33 100 27.7	11.17 105 30.5	11.36 105 27.5				
13									
14	10.37 105 29.1	10.50 105 29.3	11.12 100 26.8	11.32 105 35.1	11.46 105 47.4				
15	10.21 100 27.8	10.40 100 25.7	10.57 105 26.5	11.16 120 31.1	11.35 125 17.1				
16	10.35 100 24.9	10.49 100 32.0	11.21 100 31.7	11.38 100 42.6	11.07 100 20.6				
17	10.26 90 25.8	10.45 105 29.6	11.03 105 29.7	11.22 110 40.5	11.40 105 50.6				
18	10.26 100 8.7	10.44 105 37.8	11.03 115 30.5	11.16 115 32.0	11.33 115 22.4				
19	10.33 105 33.2	10.46 105 24.8	11.04 110 26.9	11.17 115 28.0	11.35 120 26.4				
20									
21	10.36 105 30.8	10.50 105 29.1	11.08 100 23.1	11.21 100 32.9	11.41 110 27.6				
22	10.35 100 27.8	10.49 100 23.9	11.07 100 23.4	11.20 110 28.5	11.28 115 25.2				
23	10.20 100 6.0	10.45 105 28.4	11.32 110 27.5	11.15 110 30.6	11.03 125 26.4				
24	10.40 100 28.5	10.53 100 20.8	11.12 100 18.1	11.31 110 35.9	11.46 110 24.0				
25	10.37 100 28.0	10.50 100 24.8	11.08 110 27.8	11.21 110 26.7	11.39 120 37.7				
26	10.20 100 20.7	10.35 100 22.4	10.48 100 23.5	11.05 120 21.2	11.20 105 27.2				
27									
28	10.33 100 29.2	10.47 100 23.9	11.05 105 25.6	11.18 110 30.6	11.37 130 25.3				
29	10.34 105 24.0	10.47 105 20.0	11.07 110 30.6	- - R	11.22 110 17.2				
30	10.36 100 26.8	10.49 105 25.4	- - C	11.26 100 43.6	11.13 115 28.8				
31									
Median	27.8	26.0	27.7	33.4	26.4				
Count	25	25	24	25	25				

MONTH: JULY 1965

Freq.		1.95 Mc/s			2.3 Mc/s			2.6 Mc/s			2.9 Mc/s			3.2 Mc/s		
Date	U.T.	h	dB		U.T.	h	dB		U.T.	h	dB		U.T.	h	dB	
1	10.38	100	28.2		10.52	100	31.8		11.10	100	30.9		-	-	R	
2	10.33	110	30.1		10.47	115	26.6		11.05	115	25.7		11.18	135	44.0	
3	10.18	100	29.2		10.39	100	25.6		10.58	105	24.7		11.12	105	30.6	
4																
5	10.35	100	23.1		10.48	110	25.6		11.07	110	24.7		-	-	R	
6	10.33	100	29.7		10.47	105	27.0		11.04	110	28.1		11.17	120	25.6	
7	10.35	105	30.1		10.50	105	27.3		11.57	110	26.9		11.22	110	25.8	
8	10.34	115	37.1		10.52	115	24.2		11.05	115	27.2		11.18	120	31.2	
9	10.31	110	27.6		10.48	110	26.4		11.02	115	28.7		11.15	120	33.6	
10	10.31	100	37.7		10.45	105	28.0		11.07	105	29.9		11.20	120	39.7	
11																
12	10.35	105	27.9		10.49	105	30.6		11.11	105	25.6		11.25	110	37.9	
13	10.34	105	27.1		10.53	105	22.0		11.10	105	29.6		11.25	110	31.1	
14	10.20	105	23.5		10.45	105	28.8		11.35	110	16.2		10.17	105	30.5	
15	10.40	105	26.5		10.55	105	25.8		11.14	105	23.3		11.27	110	31.2	
16	10.37	105	26.3		10.50	105	34.0		11.08	110	30.4		11.21	115	32.3	
17	10.16	100	32.1		10.39	100	29.2		10.46	100	28.7		11.09	110	37.2	
18																
19	10.34	100	23.4		10.47	105	25.9		11.12	105	25.2		11.33	105	32.5	
20	10.47	105	27.1		11.05	110	27.9		11.19	110	25.1		11.37	110	30.9	
21	10.16	105	24.7		11.36	105	28.7		10.49	105	26.1		11.23	105	32.3	
22	10.34	100	28.7		10.47	100	32.8		11.05	105	22.3		11.20	110	19.6	
23	10.32	100	26.5		10.47	105	27.6		11.05	105	27.6		11.18	115	25.7	
24	10.32	100	21.3		10.45	105	19.6		11.03	115	26.3		11.16	120	34.9	
25																
26	10.33	100	31.6		10.46	105	27.3		11.04	105	32.1		11.17	115	37.1	
27	10.35	100	23.1		10.48	105	30.4		11.07	110	29.2		11.20	115	29.4	
28	10.25	100	23.6		10.45	105	33.3		11.20	105	29.1		11.33	105	26.8	
29	10.39	100	33.0		10.52	105	27.1		11.10	110	27.2		11.23	115	25.7	
30	10.35	100	26.9		10.48	105	25.6		11.06	105	26.1		11.20	110	23.6	
31	10.32	100	30.9		10.45	100	33.5		11.03	110	29.2		11.18	110	26.9	
Median			27.6				27.3				27.2				31.2	
Count			27				27				27				27	

Freq: 1.95 Mc/s				2.3 Mc/s			2.6 Mc/s			2.9 Mc/s			3.2 Mc/s		
Date	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB
1															
2	10.58	110	27.9	11.17	110	23.8	11.34	110	27.4	11.47	110	17.7	12.05	110	21.3
3	10.33	110	27.8	10.49	130	22.9	11.08	130	28.6	11.22	130	29.2	-	-	R
4	10.22	115	27.0	10.45	110	24.8	10.35	115	25.7	11.17	110	36.1	11.05	120	29.7
5	10.39	110	26.9	10.52	110	22.5	11.10	110	25.2	11.23	115	23.6	11.43	110	16.4
6	10.33	100	27.6	10.47	110	30.5	11.05	110	18.3	11.18	110	21.5	11.38	130	31.5
7	10.38	110	31.3	10.52	110	28.9	11.10	115	29.7	11.23	115	23.8	11.41	115	16.8
8															
9	10.38	105	27.3	10.51	110	26.4	11.08	115	22.3	11.22	120	21.4	-	-	R
10	10.32	110	27.7	10.46	110	25.8	11.03	115	24.1	11.17	120	25.3	-	-	R
11	10.35	110	27.7	10.48	110	29.4	11.37	105	29.8	11.22	100	28.1	11.08	110	17.6
12	10.37	100	25.5	10.50	100	25.0	11.08	100	27.1	11.21	105	26.7	11.40	115	26.2
13	10.37	105	26.7	10.50	105	22.8	11.08	110	21.1	11.22	110	26.3	11.40	115	28.2
14	10.20	105	25.7	10.35	105	25.0	10.47	105	24.8	11.05	115	24.6	11.18	105	14.9
15															
16	10.37	110	25.3	10.50	110	29.7	11.08	110	23.9	11.21	115	26.3	-	-	R
17	10.35	105	23.8	10.49	110	23.9	11.07	115	26.6	11.21	120	19.4	11.39	120	20.9
18	10.17	110	26.3	10.50	120	33.0	10.30	120	28.0	11.21	130	27.5	11.07	120	19.1
19	10.38	110	26.7	10.51	110	28.4	11.09	115	29.4	11.23	130	32.1	11.41	115	25.8
20	10.35	100	38.6	10.49	120	31.5	11.08	120	29.7	11.21	140	23.8	11.40	110	16.0
21	10.18	100	38.1	10.37	110	30.6	10.50	110	21.8	11.07	110	16.5	11.20	110	18.8
22															
23	10.33	100	27.7	10.46	100	26.0	11.04	110	26.8	11.17	115	30.6	11.35	120	22.1
24	10.21	100	29.7	10.40	100	25.2	11.03	105	19.3	11.17	105	20.2	11.35	140	29.3
25	10.30	100	32.3	10.44	110	30.8	11.32	115	27.2	11.19	120	19.6	11.05	110	22.9
26	10.35	100	37.0	10.48	105	16.6	11.06	105	26.7	11.20	110	26.1	11.39	115	21.5
27	10.32	100	28.8	10.45	105	20.4	11.03	110	23.0	11.16	110	27.7	11.36	180	28.2
28	10.31	105	31.6	10.45	110	28.7	11.03	110	24.5	11.16	115	31.8	11.35	100	25.3
29															
30	10.36	105	19.4	10.50	110	29.0	11.08	105	21.2	11.20	110	23.9	11.42	170	30.2
31	10.33	105	24.9	10.46	105	23.7	11.04	100	16.0	11.17	110	28.4	-	-	R
Median			27.7			25.9			25.5			25.7			25.6
Count			26			26			26			26			26

MONTH: SEPTEMBER 1965

Freq: 1.95 Mc/s		2.3 Mc/s		2.6 Mc/s		2.9 Mc/s		3.2 Mc/s	
Date	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	
1	10.20 105 26.7	10.45 115 24.8	11.35 110 19.4	11.17 125 26.6	11.05 110 18.0				
2	10.36 100 27.0	10.49 110 24.7	11.07 110 22.0	11.20 110 25.7	11.38 105 18.6				
3	10.37 105 33.3	10.50 110 25.9	11.08 105 15.6	11.20 100 16.0	11.38 100 22.6				
4	10.36 120 21.2	10.51 120 20.9	11.08 120 21.9	11.22 120 21.1	- - R				
5									
6	10.36 120 24.6	10.49 120 21.2	11.07 130 22.8	11.21 130 25.5	11.39 105 17.1				
7	10.33 110 27.7	10.47 120 22.6	11.04 120 23.3	11.18 130 21.7	11.37 140 27.1				
8	10.23 100 19.5	10.45 105 21.9	11.14 105 32.5	11.34 105 15.3	11.05 105 16.5				
9	10.35 105 24.0	10.47 120 28.7	11.09 130 25.1	11.20 140 27.1	11.39 240 32.0				
10	10.35 105 27.1	10.48 110 25.6	11.06 120 24.9	11.06 130 27.8	11.39 - R				
11	10.35 105 29.4	10.49 110 23.7	11.08 120 25.1	11.21 110 21.6	11.38 105 17.9				
12									
13	10.35 110 25.3	10.48 110 21.1	11.06 120 27.9	- - R	11.21 205 23.6				
14	10.33 105 27.9	10.48 115 22.5	11.06 120 23.9	11.19 135 22.3	11.37 120 13.8				
15	10.35 110 21.5	10.47 110 18.9	- - C	11.24 105 19.3	11.06 105 14.2				
16	10.36 110 19.2	10.49 115 21.4	11.06 120 25.9	11.20 120 24.8	11.38 120 13.6				
17	10.32 110 25.3	10.46 115 22.1	11.03 120 17.6	11.17 - R	11.18 120 22.2				
18	10.39 100 26.5	11.02 110 21.4	11.15 120 24.6	11.33 120 26.9	11.47 125 22.6				
19									
20	10.33 100 21.0	10.46 100 12.4	11.04 100 16.3	- - R	11.30 110 38.3				
21	10.20 100 21.2	10.37 100 26.3	10.50 125 20.0	11.10 110 15.3	11.42 190 19.8				
22	10.17 100 19.6	10.48 120 22.1	10.35 130 18.1	11.30 130 23.2	11.07 270 24.1				
23	10.40 100 19.4	10.53 100 11.9	11.13 100 12.9	11.52 130 C	11.37 180 21.9				
24	- - C	- - C	- - C	- - C	- - C				
25	10.20 110 18.7	10.36 100 12.3	10.50 110 21.3	11.06 130 28.2	11.20 110 32.7				
26									
27	10.20 100 24.8	10.37 100 21.0	10.51 115 17.9	11.08 110 16.2	11.36 110 14.0				
28	10.38 130 27.2	10.51 130 21.3	11.08 130 22.6	11.22 130 13.1	11.41 205 17.9				
29	10.30 110 23.1	10.45 110 18.0	11.35 115 25.8	11.18 110 20.4	11.05 110 13.3				
30	10.36 110 25.5	10.50 110 24.5	11.08 115 17.2	11.21 130 29.1	11.40 110 17.6				
31									
Median	24.8	21.9	22.3	24.0	19.8				
Count	25	25	24	24	25				

Freq: 1.95 Mc/s		2.3 Mc/s		2.6 Mc/s		2.9 Mc/s		3.2 Mc/s	
Date	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	
1	10.37 110 25.9	10.50 110 22.2	11.08 115 20.0	11.21 115 24.6	11.40 200 18.7				
2	10.35 110 20.7	10.48 115 20.5	11.06 120 22.7	11.19 115 15.6	11.37 225 20.9				
3									
4	10.36 110 29.0	10.49 110 24.2	11.07 120 22.4	11.20 120 27.6	11.38 110 13.3				
5	10.35 100 20.9	10.48 105 21.5	11.06 115 19.1	11.19 130 24.1	11.38 110 11.7				
6	10.30 105 17.3	10.45 110 24.4	11.36 115 17.6	11.18 120 23.2	11.05 110 12.8				
7	10.35 110 27.3	10.49 110 21.3	11.07 120 23.0	11.20 110 14.8	11.38 110 15.1				
8	10.33 100 15.0	10.47 120 19.8	11.05 120 16.7	11.18 120 19.8	11.37 110 11.2				
9	10.14 100 24.9	10.33 100 21.3	10.47 110 18.0	11.08 115 11.6	11.36 110 43.8				
10									
11	10.34 120 24.1	10.47 125 16.0	11.05 130 17.6	11.40 190 37.6	11.20 200 19.8				
12	10.32 120 19.6	10.51 130 17.9	11.08 130 16.8	11.44 200 26.2	11.22 180 14.8				
13	10.17 110 15.4	10.47 120 16.1	10.35 120 21.0	10.39 110 14.8	11.05 225 16.4				
14	10.40 100 13.8	10.53 110 19.4	11.11 110 17.9	11.29 110 16.5	11.47 220 19.4				
15	10.37 120 17.3	10.51 130 17.2	11.10 130 8.8	11.48 120 11.5	11.33 120 10.6				
16	10.32 110 19.6	10.45 110 16.2	11.03 110 10.4	11.16 110 12.9	11.35 105 25.7				
17									
18	10.35 120 16.0	10.48 120 14.7	11.07 135 20.3	11.19 120 12.9	11.37 200 14.8				
19	10.33 110 16.2	10.47 110 14.6	11.04 110 10.1	11.18 110 11.6	11.37 200 13.3				
20	10.18 110 10.8	10.45 120 12.9	11.18 110 21.8	12.17 100 24.1	11.03 200 15.2				
21	10.39 110 18.3	10.53 115 19.6	11.11 115 10.4	11.24 110 12.1	11.42 210 17.5				
22	10.36 120 18.3	10.48 120 19.1	11.34 115 12.2	11.07 115 29.1	11.22 250 17.5				
23	10.30 110 15.3	10.43 120 17.9	11.02 130 14.6	11.14 125 11.8	11.32 130 16.1				
24									
25	10.34 115 18.9	10.47 125 20.4	11.06 130 14.5	11.19 120 13.0	11.37 120 18.1				
26	10.37 110 20.9	10.50 110 19.6	11.08 110 11.8	11.20 160 22.7	11.40 215 13.0				
27	10.36 110 18.2	10.49 105 14.4	11.34 100 13.2	11.20 100 12.3	11.05 110 17.6				
28	10.37 110 15.3	10.50 110 15.0	11.08 110 10.9	11.21 110 25.9	11.39 220 13.3				
29	10.36 115 14.2	10.49 110 10.3	11.07 110 13.9	- - R	11.22 240 10.9				
30	10.30 120 20.0	10.43 120 14.6	11.01 115 13.1	11.14 115 16.2	11.32 225 12.5				
31									
Median	18.3	18.5	16.8	16.4	15.2				
Count	26	26	26	26	26				

MONTH: NOVEMBER 1965

Freq: 1.95 Mc/s		2.3 Mc/s		2.6 Mc/s		2.9 Mc/s		3.2 Mc/s	
Date	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	
1	10.37 105 16.6	10.50 115 14.1	11.08 110 14.3	11.22 100 9.7	11.43 105 23.1				
2	10.34 110 16.8	10.47 110 12.0	11.05 110 13.6	11.18 110 16.7	11.36 110 14.5				
3	10.30 100 11.8	10.45 100 15.4	11.38 100 22.8	11.18 210 18.5	11.05 100 34.6				
4	10.46 115 16.6	11.18 110 14.0	- - R	11.00 115 34.0	11.32 230 15.0				
5	10.48 105 21.2	11.06 105 14.4	11.20 120 15.8	11.39 240 12.1	11.52 240 13.6				
6	10.27 105 13.6	10.40 110 19.1	12.00 200 35.7	12.14 220 19.6	12.34 220 13.0				
7									
8	10.36 110 13.2	10.49 100 13.0	11.07 100 12.0	11.20 100 15.6	11.39 100 16.6				
9	10.37 100 17.1	10.50 115 18.8	11.08 200 20.1	11.21 220 15.3	11.41 210 15.8				
10	10.17 130 12.9	10.45 130 10.5	12.16 220 19.6	11.16 230 14.3	12.03 225 10.7				
11	10.33 120 25.9	10.46 115 22.8	11.06 180 26.8	11.20 250 23.9	11.38 215 17.7				
12	10.20 100 20.2	10.38 115 21.3	10.51 120 13.6	11.08 110 13.1	11.22 230 10.9				
13	10.35 110 18.9	10.48 110 15.3	11.06 110 18.6	11.19 230 18.8	11.37 220 14.6				
14									
15	10.36 110 15.5	11.09 140 15.1	10.52 195 16.4	11.23 230 13.9	11.41 230 12.0				
16	10.36 105 13.9	10.49 105 13.2	11.07 105 23.8	11.20 230 15.1	11.19 230 14.2				
17	10.21 110 9.5	10.48 105 14.0	10.35 105 10.4	11.20 225 10.8	11.06 225 10.4				
18	10.34 100 13.3	11.06 110 10.7	10.48 105 9.1	11.19 105 17.3	11.38 230 18.2				
19	10.33 105 17.0	10.46 105 14.7	- - R	11.05 110 16.8	11.18 235 9.6				
20	10.20 110 14.1	10.35 140 20.4	10.48 195 14.1	11.09 240 9.8	11.22 235 11.5				
21									
22	10.37 120 18.7	- - R	10.51 180 15.3	11.08 230 16.2	11.22 230 10.4				
23	10.35 110 21.3	10.48 150 15.3	- - R	11.07 225 12.7	11.20 225 12.4				
24	10.32 150 12.0	10.45 130 12.5	11.36 125 15.9	11.18 130 12.9	11.05 115 15.3				
25	10.40 115 16.3	10.53 125 14.8	11.10 230 18.8	11.30 210 14.0	11.43 225 12.2				
26	10.32 125 21.8	10.44 140 16.7	11.33 210 18.5	11.03 225 14.0	11.16 225 14.3				
27	10.36 100 14.6	10.49 110 16.0	11.07 220 16.9	11.21 220 14.7	11.40 220 13.4				
28									
29	10.43 110 10.0	11.01 120 12.6	11.14 150 10.4	- - R	11.37 220 10.7				
30	10.32 120 16.6	11.37 140 16.2	10.45 150 13.2	11.03 230 12.5	11.17 230 12.4				
31									
Median	16.4	15.0	16.4	14.7	13.5				
Count	26	26	26	25	26				

Freq: 1.95 Mc/s		2.3 Mc/s		2.6 Mc/s		2.9 Mc/s		3.2 Mc/s	
Date	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	U.T. h dB	
1	10.33 120 16.3	10.45 160 22.9	11.20 120 40.0	12.20 210 17.1	11.05 240 13.4				
2	11.15 110 20.6	- - R	11.35 215 14.7	11.48 225 15.1	12.06 225 12.8				
3	10.37 120 15.1	10.50 140 15.6	11.08 135 8.3	11.21 135 10.4	11.34 135 10.6				
4	10.30 120 22.5	10.42 120 14.7	11.01 230 10.3	11.14 220 14.3	11.35 215 15.5				
5									
6	10.33 105 31.8	10.46 125 22.5	11.05 115 34.7	11.18 230 18.1	11.36 225 18.2				
7	10.33 105 26.1	10.46 160 28.1	11.05 230 26.9	11.18 225 22.1	11.36 225 19.1				
8	10.32 125 18.3	10.45 160 20.1	11.06 210 18.2	11.16 225 11.8	11.33 240 11.3				
9	10.32 125 19.7	10.44 170 18.8	11.03 140 12.8	11.16 230 14.8	11.35 340 18.4				
10	10.32 125 29.8	10.45 165 25.4	11.03 135 22.8	11.17 135 20.4	11.36 135 25.5				
11	10.24 130 24.9	10.42 130 22.4	11.36 130 15.3	11.04 130 16.0	11.17 130 18.3				
12									
13	10.40 115 21.1	10.53 150 19.3	11.11 215 20.2	11.24 225 15.9	11.42 115 12.2				
14	10.41 105 21.5	10.53 100 13.6	11.11 100 13.8	11.24 260 10.2	11.42 220 12.6				
15	10.31 130 20.9	10.45 170 21.8	11.18 145 14.8	11.32 130 12.2	11.05 230 12.0				
16	10.33 125 13.9	10.46 210 20.1	11.06 205 8.1	11.20 230 11.7	11.39 215 7.9				
17	10.32 120 18.7	10.45 180 22.9	11.04 130 14.2	11.17 120 11.5	11.35 115 23.0				
18	10 30 125 22.8	11.02 170 20.5	10.44 250 13.2	11.16 220 19.6	11.33 220 13.5				
19									
20	10.33 130 15.7	10.47 200 14.9	11.05 200 11.8	11.18 210 11.9	11.37 205 8.4				
21	10.39 130 21.8	10.52 190 26.9	11.11 190 14.7	11.33 230 16.8	11.45 230 13.6				
22	10.23 150 27.6	10.45 170 22.6	11.33 110 19.1	11.15 225 19.1	11.03 225 17.2				
23	10.35 100 18.2	11.10 100 14.8	11.23 100 13.8	10.52 240 21.2	11.42 250 9.1				
24	10.38 130 25.4	11.05 180 20.3	11.18 225 17.6	11.36 210 14.7	11.48 205 15.0				
25									
26									
27	10.33 135 22.6	10.47 155 21.7	11.04 230 20.7	11.17 225 12.7	11.35 225 12.8				
28	10.48 125 38.0	11.05 150 31.1	11.18 230 24.7	11.36 220 23.4	10.33 225 19.7				
29	10.30 120 18.1	- - R	11.31 200 19.9	11.18 200 15.4	11.05 200 12.1				
30	10.32 130 23.1	10.45 150 22.4	11.35 230 19.0	11.03 210 15.3	11.16 225 14.8				
31	10.32 130 21.7	10.45 210 23.4	- - R	11.03 225 12.9	11.16 225 12.0				
Median	21.6	22.1	15.3	15.2	13.5				
Count	26	26	25	26	26				

MONTH: JANUARY 1966

Freq:		1.95 Mc/s			2.3 Mc/s			2.6 Mc/s			2.9 Mc/s			3.2 Mc/s		
Date	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB	U.T.	h	dB	
1																
2																
3	10.35	125	16.0	10.48	160	19.4	-	-	R	11.10	215	13.2	11.23	240	14.9	
4	10.36	105	15.7	10.49	175	19.9	11.07	160	12.0	11.20	140	15.7	11.39	205	13.4	
5	10.20	130	17.6	10.45	140	15.8	12.18	140	17.0	11.17	130	14.1	11.05	230	22.7	
6	10.35	125	25.5	10.49	170	24.7	11.07	150	19.6	11.20	220	16.8	11.39	220	13.9	
7	10.36	125	25.5	10.49	145	19.0	11.09	160	14.5	11.22	230	16.5	11.40	210	14.1	
8	10.20	120	12.6	10.35	175	18.4	10.50	250	13.5	11.05	240	11.8	11.20	235	19.0	
9																
10	10.32	110	34.1	10.50	140	23.1	11.12	190	22.9	11.32	215	20.7	11.45	225	17.0	
11	-	-	C	-	-	C	11.08	115	12.0	11.34	190	16.9	12.02	200	24.7	
12	10.29	120	21.1	10.45	130	19.5	11.24	140	10.4	11.43	200	17.7	11.05	220	14.8	
13	10.37	100	16.3	-	-	R	10.53	170	18.0	11.17	230	14.6	11.38	215	14.9	
14	10.35	110	31.2	10.50	125	33.9	11.09	150	29.0	11.31	140	33.0	11.44	250	26.0	
15	10.32	100	17.6	-	-	C	11.05	130	18.5	11.18	200	22.3	11.38	205	19.3	
16																
17	10.32	110	20.4	10.47	125	27.9	11.06	120	31.3	11.28	115	21.6	11.45	230	19.0	
18	-	-	C	-	-	C	-	-	C	-	-	C	-	-	C	
19	10.30	115	14.5	10.45	120	16.4	11.38	115	12.2	11.20	120	17.8	11.05	115	17.1	
20	10.15	100	17.5	10.36	110	13.8	10.51	120	10.1	11.10	125	35.5	11.34	200	14.4	
21	-	-	C	10.50	115	18.9	11.09	180	14.1	11.32	130	16.3	11.47	230	13.8	
22	10.27	100	16.8	10.43	100	18.8	11.03	110	12.5	11.18	110	11.9	11.34	115	29.3	
23																
24	10.37	115	21.3	10.50	110	15.7	11.08	200	18.6	11.30	210	14.3	11.43	180	16.2	
25	10.32	115	32.3	11.03	115	31.6	-	-	C	-	-	C	-	-	C	
26	10.30	110	19.8	10.43	105	18.8	11.36	200	16.6	11.18	170	22.8	11.05	105	19.2	
27	10.36	110	25.5	10.50	120	26.2	11.09	140	24.9	11.23	200	18.2	11.43	225	16.7	
28	10.32	115	24.3	10.45	110	21.1	10.03	140	22.8	11.16	200	17.6	11.29	215	20.2	
29	10.30	115	27.3	10.43	120	25.7	10.56	160	21.8	11.14	140	18.7	11.32	130	23.2	
30																
31	10.34	110	12.6	10.48	100	8.9	11.06	100	13.7	11.19	100	15.1	11.50	230	17.2	
Median			20.1			19.4			17.0			16.9			17.1	
Count			22			22			23			23			23	

