

MONTH-HOUR VALUES OF RADIO NOISE

STATION OHIRA, JAPAN

LAT. 35.6 N

LONG. 140.5 E

DECEMBER 1964

H.R. L.S.T.	FREQUENCY (Mc)																			
	.013					.051					.160					.495				
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}
00	156	4.0	2.0	*10.0	*15.0	134	4.0	2.0	*12.5	*19.0	114	6.5	9.1	*9.8	*16.8	90	8.8	6.5	*9.8	*16.0
01	158	1.3	4.0	12.0	17.5	134	4.0	2.0	*12.8	*18.5	113	6.5	9.0	*10.5	*17.0	90	8.6	6.6	*7.8	*13.0
02	156	4.0	2.0	*9.0	*13.0	136	4.2	6.0	12.5	19.5	114	3.5	11.1	*10.0	*16.5	91	6.3	7.9	*9.8	*15.3
03	158	2.0	4.0	*11.8	*17.3	136	4.0	6.0	*12.0	*18.3	112	6.5	7.1	*12.5	*19.5	90	7.3	9.3	*17.0	*24.5
04	158	3.5	4.0	12.0	19.0	136	2.0	7.5	*12.0	*18.5	112	3.3	9.3	*10.0	*16.0	88	7.2	11.5	*10.0	*18.0
05	158	2.0	2.0	*12.0	*17.0	134	4.0	4.0	*13.8	*21.3	108	8.0	7.3	*14.3	*21.0	82	13.5	8.0	*12.8	*20.8
06	158	2.0	2.0	*12.0	*17.3	126	8.0	4.0	*15.0	*22.0	96	18.0	7.7	*15.5	*20.0	73	17.0	9.7	*9.3	*15.0
07	154	3.3	2.0	11.0	17.0	121	14.3	4.3	*12.8	*19.5	88	23.7	5.7	*4.5	*8.0	65	22.5	3.0		
08	156	2.0	4.0	14.0	19.0	118	11.0	8.0	*14.3	*19.0	88	16.0	10.0	*11.5	*19.0	68	10.0	6.0	*1.0	*4.0
09	156	3.5	2.0	13.0	20.0	119	9.0	9.0	*12.0	*19.5	88	19.5	10.5	*10.5	*18.0	65	23.1	7.4	*1.0	*3.5
10	156	3.9	6.9	*13.0	*19.5	120	8.0	4.0	*15.0	*22.0	85	11.0	7.7	*15.0	*21.0	67	13.3	6.4	*3.0	*5.5
11	156	2.0	2.5	*16.5	*23.0	120	8.3	4.0	*16.0	*23.5	87	13.7	9.3	*16.0	*21.3	65	10.6	7.0	*12.5	*16.0
12	156	2.0	3.7	15.0	20.5	120	9.7	4.1	*15.0	*22.0	87	12.1	10.0	*15.8	*22.0	65	11.7	5.0	*4.8	*7.3
13	156	2.0	2.0	16.5	21.0	120	6.0	6.0	*13.5	*20.0	88	10.2	10.8	*6.5	*7.0	70	14.4	8.0	*7.5	*10.3
14	156	2.0	2.0	13.0	19.0	120	5.7	5.6	*17.3	*23.0	86	11.8	8.8	*14.5	*21.3	65	12.5	6.7	*7.8	*14.3
15	157	2.7	3.0	12.5	18.5	118	8.0	8.0	*11.5	*16.5	89	19.5	8.1	*13.5	*18.0	69	12.2	10.6	*5.8	*10.5
16	156	2.1	2.0	11.5	18.0	120	7.5	10.0	*15.8	*21.5	92	12.0	11.0	*10.5	*17.0	74	10.0	8.2	*7.5	*12.5
17	156	2.0	2.0	10.5	17.0	124	4.0	5.1	12.5	19.0	100	9.5	9.0	*12.5	*19.5	82	6.7	5.7	*10.8	*15.5
18	158	1.1	3.1	11.5	17.3	128	4.0	3.3	11.5	18.0	102	8.0	4.1	12.5	19.5	86	7.1	6.0	*11.0	*20.0
19	158	2.0	2.0	12.0	17.5	130	4.0	4.0	12.0	18.5	106	5.6	5.0	*11.5	*17.5	88	6.5	4.0	*6.3	*11.8
20	158	2.0	2.0	*11.0	*16.0	132	2.0	5.3	*11.5	*17.8	109	5.1	7.5	9.5	16.5	90	5.9	6.1	*13.0	*19.0
21	156	3.3	2.0	10.8	17.5	132	5.3	2.0	11.0	19.0	110	7.3	5.3	*8.5	*15.3	92	7.0	7.3	*7.0	*11.5
22	156	3.3	2.0	10.0	15.0	133	5.0	3.0	12.0	17.5	111	7.8	4.8	*8.8	*14.5	91	9.1	5.5	8.8	14.0
23	156	2.0	2.0	12.0	17.0	134	5.3	4.0	12.5	19.5	113	6.3	7.0	*10.0	*16.3	91	8.6	6.3	*8.0	*14.0

H.R. L.S.T.	FREQUENCY (Mc)																			
	2.5					5					10					20				
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}
00	60	4.6	6.0	*11.0	*17.0	56	5.0	5.1	*4.5	*6.8	32	13.4	4.0	*4.0	*7.0	21	0.0	0.0	1.0	3.0
01	58	10.0	5.3	*5.0	*9.0	56	4.6	3.1	*2.0	*4.5	39	16.3	11.0	*4.5	*6.5	21	0.0	0.0	*1.0	*3.0
02	58	8.5	10.0	*5.5	*10.0	57	5.7	4.0	*4.0	*6.0	36	12.1	8.0	*3.0	*5.0	21	0.1	0.0	*1.3	*3.0
03	58	9.9	4.2	*5.8	*10.3	71	4.0	9.1			36	10.6	8.0	*4.0	*6.8	21	0.0	0.0	*1.0	*2.5
04	56	12.1	6.0	*7.5	*11.0	69	6.0	10.0	*8.0	*14.5	32	10.0	2.0			21	0.1	0.0	*0.5	*2.5
05	56	10.2	4.2	*10.0	*14.0	67	9.6	10.6	*8.3	*13.3	32	6.2	3.9	*3.0	*4.5	21	2.0	0.0	*1.8	*3.5
06	56	11.7	9.3			59	11.0	5.5			36	6.5	4.5	*3.0	*6.0	23	0.0	2.0	*1.5	*2.5
07	51	11.2	4.9			66	5.0	21.3	*7.5	*12.5	52	8.8	22.8	*3.5	*7.3	23	2.0	2.0	*1.0	*3.0
08	44	16.0	4.3	*6.0	*9.8	53	6.1	4.0	*13.0	*16.3	40	20.9	14.0	*5.5	*8.3	23	2.0	0.2	*1.5	*3.0
09	44	6.1	2.1	*6.8	*10.3	39	12.0	4.0	*7.5	*10.5	37	18.8	16.2	*2.3	*5.0	23	2.2	0.2	1.5	3.0
10	*44			*7.5	*10.0	38	9.1	6.6	*7.5	*11.3	43	8.7	10.7	*2.0	*5.5	25	0.9	2.0	*1.0	*3.0
11	42	2.9	2.9	*5.5	*8.5	37	6.7	6.7	*5.5	*9.3	44	4.0	10.6	*1.8	*5.0	23	4.0	2.0	*2.0	*3.5
12	42	6.0	4.0	*9.0	*12.5	36	9.1	5.0	7.5	10.5	44	4.2	10.1	*3.0	*6.5	23	2.3	2.0	1.5	3.5
13	42	6.0	2.0	*7.0	*10.3	39	9.9	5.9	*5.5	*8.5	45	7.0	11.0	2.8	5.8	23	2.1	2.0	1.0	3.0
14	42	7.7	2.1	*7.5	*11.0	45	14.0	5.1	*5.5	*10.0	46	8.0	9.5	*4.0	*6.0	23	2.0	1.9	*0.5	*3.0
15	44	7.9	3.7	6.0	9.0	61	4.0	10.0	*4.8	*9.3	54	6.0	16.7	*4.5	*7.5	23	2.0	0.0	1.5	3.0
16	46	8.2	4.0	7.5	11.3	63	6.2	6.6	*8.0	*13.0	53	7.9	23.9	*3.0	*7.0	23	0.1	0.1	0.8	3.0
17	52	5.1	5.1	*4.5	*7.5	65	4.0	7.5	*7.5	*13.3	54	6.0	16.4	*2.8	*6.8	23	0.0	2.0	1.3	3.0
18	54	7.6	2.1	*5.0	*8.5	65	5.9	24.7	*7.0	*11.0	50	11.7	17.8	*3.0	*6.8	21	2.0	0.0	1.0	3.5
19	57	9.0	3.0	*5.0	*8.5	63	6.0	5.3	7.5	12.5	46	14.1	18.1	3.3	5.8	21	2.0	0.1	2.0	3.5
20	56	8.0	4.0	*7.8	*12.0	67	2.0	25.7	*6.3	*9.5	44	6.1	10.1	*3.5	*6.5	21	2.0	0.0	*1.8	*2.8
21	60	6.3	7.7	*6.5	*10.5	67	4.0	8.0	*5.5	*10.5	39	10.4	7.0	*3.0	*5.0	21	0.0	0.1	1.0	3.0
22	60	9.7	9.9	*7.0	*11.5	53	6.2	2.2	5.5	9.5	32	14.5	4.0	*1.8	*3.8	21	0.0	0.1	1.0	2.5
23	60	6.3	4.3	*6.0	*11.0	53	7.9	2.3	2.8	5.8	34	12.5	4.5	*1.5	*3.5	21	0.0	2.0	1.5	3.0

* Fewer than 15 days data on power measurements and no computations made for D_u and D_l.

* Fewer than 7 days data on voltage and logarithmic measurements.

F_{am} = median value of effective antenna noise in db above ktb.

D_u = ratio of upper decile to median in db.

D_l = ratio of median to lower decile in db.

V_{dm} = median deviation of average voltage in db below mean power.

L_{dm} = median deviation of average logarithm in db below mean power.

MONTH-HOUR VALUES OF RADIO NOISE

STATION OHIRA, JAPAN

LAT. 35.6 N

LONG. 140.5 E

JANUARY 1965

H. R. T.	FREQUENCY (Mc)																			
	.013					.051					.160					.495				
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}
00	155	4.0	4.0	* 8.3	*12.5	132	7.5	5.5	*10.0	*20.5	113	5.0	6.0	*10.3	*15.0	88	11.3	4.0		
01	155	6.0	4.0	*12.0	*17.0	132	6.0	4.0	*10.5	*16.0	112	7.0	5.0	* 9.8	*16.0	90	7.5	4.0	* 8.5	*12.5
02	156	5.0	3.0	* 9.0	*13.8	134	5.3	6.0	*15.5	*22.3	111	10.0	5.5	*10.0	*16.3	90	8.0	7.3		
03	155	5.3	3.3	*12.0	*17.0	132	6.0	4.0	*11.5	*17.0	111	10.0	7.3	*12.0	*19.5	86	11.3	6.0		
04	155	5.3	3.3	*11.8	*17.5	132	5.6	6.0	*13.0	*18.3	109	6.0	7.5	*14.3	*21.0	86	5.5	10.0		
05	157	2.0	3.5	*12.0	*17.5	132	5.5	5.5	*13.8	*20.0	106	9.0	6.3	* 9.5	*15.3	80	12.0	6.0	* 5.0	* 8.0
06	157	2.0	4.0	*12.3	*18.3	124	8.1	5.7			95	15.5	6.0	* 8.5	*14.5	70	13.5	7.7		
07	153	4.0	2.0	*12.0	*17.5	120	6.3	8.6	*12.5	*19.0	87	16.2	10.0	* 5.5	* 8.0	64	18.3	2.0		
08	153	4.0	4.0	*14.5	*20.5	114	20.3	6.3	*12.3	*19.3	85	22.3	9.9	* 7.0	*11.0	66	24.1	5.9	*16.0	*27.0
09	155	4.1	4.0	*14.0	*20.0	112	18.2	4.2			88	19.1	11.1			66	22.6	4.3		
10	155	5.3	4.0	*11.8	*18.3	118	14.0	10.3	*15.5	*23.0	87	24.0	13.9			70	14.0	10.0		
11	155	4.0	5.3	*15.0	*21.5	118	14.0	8.0	*15.5	*22.0	87	18.7	13.4			70	14.1	10.0	* 5.0	* 6.5
12	155	3.6	5.6	*15.0	*21.5	118	10.2	8.0	*14.5	*21.5	81	26.6	8.3	* 5.5	* 7.5	62	24.8	2.0	* 3.5	* 5.5
13	155	2.0	4.0	15.5	18.5	118	11.3	5.7	*11.8	*18.5	81	21.0	8.0	*14.0	*24.0	66	16.1	6.0		
14	155	2.1	6.1	*15.0	*21.3	117	11.5	7.0	*16.0	*22.0	81	21.9	8.4	*13.5	*24.0	66	10.1	6.2	*10.3	*16.3
15	157	2.0	6.0	*10.5	*15.8	114	14.1	6.0	* 9.5	*14.5	85	20.4	9.5	*16.3	*26.5	70	16.0	8.0	* 9.0	*11.5
16	155	4.0	4.1	10.5	16.0	114	16.0	8.0	*10.3	*13.8	89	23.8	9.5	*15.0	*27.0	72	19.5	6.0	*13.5	*25.0
17	155	4.0	4.0	*10.0	*15.0	118	17.0	10.0	*13.3	*18.5	95	15.7	8.0	*11.0	*17.0	80	12.0	6.0	*11.8	*19.0
18	155	6.0	3.1	10.3	15.3	126	11.0	7.5	12.0	17.5	101	13.3	6.0	*12.5	*20.0	84	11.1	4.0	* 8.5	*13.5
19	156	4.3	3.0	10.8	16.0	128	9.5	4.0	*11.5	*16.5	105	8.2	8.0	* 6.5	*11.0	85	11.1	5.0	* 8.3	*14.0
20	156	3.0	3.0	*10.0	*15.5	130	8.0	4.0	*11.5	*17.0	106	9.0	7.0	* 8.8	*13.5	88	6.0	6.0	* 7.0	*10.0
21	155	5.3	2.0	*10.8	*16.0	130	11.0	3.5	*12.0	*18.0	109	8.6	6.0	* 9.5	*15.8	88	9.3	4.0	* 8.0	*13.5
22	155	4.6	2.0	*10.5	*16.0	130	8.0	4.0	*10.8	*15.8	109	6.0	5.3	* 8.5	*14.5	88	13.0	6.0	*11.5	*18.0
23	155	5.3	4.0	10.5	15.0	131	9.0	4.3	*12.0	*16.5	111	9.3	6.0	* 8.8	*14.5	88	11.3	4.0	* 7.5	*12.5

H. R. T.	FREQUENCY (Mc)																			
	2.5					5					10					20				
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}
00	58	13.9	6.0	* 9.0	* 5.5	56	10.6	6.8	* 4.0	* 6.5	33	12.7	4.0	* 1.0	* 2.0	22	2.0	2.1	* 1.0	* 3.0
01	60	8.3	10.3	* 7.8	*10.8	54	4.5	4.0	* 5.0	* 6.5	31	21.0	4.0	* 2.0	* 2.5	22	2.0	3.9	* 1.3	* 3.3
02	60	8.3	10.0	* 6.8	* 8.3	56	4.0	2.0	* 3.0	* 4.5	35	14.0	7.1	* 2.0	* 4.0	22	2.0	2.0	* 0.5	* 2.5
03	60	8.0	10.3	* 8.5	* 9.5	70	4.1	6.0	* 5.3	* 6.3	36	19.0	7.0			22	2.0	2.0	* 2.0	* 3.0
04	58	10.6	7.8	* 8.8	*13.5	68	4.3	9.1	* 4.5	* 3.5	33	8.0	6.0	* 7.8	*10.3	24			* 1.8	* 3.0
05	57	11.0	7.0	* 8.0	*13.0	65	7.0	18.2	* 8.5	*13.0	33	4.0	3.3	* 4.0	* 5.5	24			* 1.0	* 2.8
06	56	13.1	8.0	* 5.0	* 7.0	60	6.0	6.0	*11.0	*16.5	33	10.1	2.0	* 5.3	* 7.3	24	2.0	2.0	* 2.3	* 3.8
07	54	9.1	10.0	*10.8	*13.3	63	8.0	7.5	* 6.3	*10.8	57	15.7	22.1	* 4.5	*10.0	24	2.0	2.0	* 1.5	* 3.5
08	44	12.7	4.0			52	9.5	11.5	*12.0	*20.0	43	27.5	8.0	* 3.0	* 5.0	24	2.0	2.0	* 1.5	* 3.0
09	44	9.1	4.0	* 6.5	* 9.5	40	14.2	7.1			41	21.3	6.0	* 4.8	* 8.0	24	2.0	2.0	* 2.0	* 3.5
10	42	4.6	4.3			* 38					* 52			* 3.0	* 6.5	24	3.9	2.1	* 2.0	* 3.0
11	44	8.6	6.0			37	14.7	5.1			38	16.7	5.1	* 5.5	* 8.0	24	2.0	2.0	* 2.5	* 3.5
12	42	4.0	4.0	* 7.5	*10.0	36	16.3	4.3	* 8.3	*11.0	46	9.0	11.0	* 2.3	* 4.0	24	2.0	2.0	* 2.5	* 4.5
13	42	5.5	4.0	* 7.5	*10.5	38	13.1	7.1			46	8.6	11.1	* 2.5	* 4.0	24	2.0	2.0	* 3.0	* 4.3
14	42	9.1	4.0	* 7.8	* 7.8	42	8.0	8.0	* 3.5	* 7.5	47	7.9	14.4	* 3.0	* 6.3	24	2.0	2.0	* 2.5	* 4.3
15	42	6.0	4.6	* 5.8	* 8.5	50	10.2	8.0	* 4.0	* 8.0	53	8.0	16.0	* 3.3	* 5.3	24	2.0	2.0	3.0	4.5
16	48	9.2	10.2	* 6.8	*10.5	60	6.0	8.2	* 5.0	* 8.5	55	8.8	18.3	4.0	7.0	24	2.3	2.0	2.0	3.5
17	50	12.7	6.7	*10.5	*15.0	64	6.1	5.9	* 8.5	*13.5	57	8.6	20.3	* 2.5	* 5.5	22	4.0	2.0	* 2.0	* 3.5
18	54	11.9	8.0	* 6.0	*10.0	65	5.0	9.5	* 8.3	*13.5	53	14.0	18.7	* 7.3	*16.0	22	2.0	2.0	* 2.0	* 3.8
19	56	10.2	4.2	*10.0	*13.0	60	6.0	5.0	* 9.0	*13.3	51	10.7	16.7	* 4.5	* 7.3	22	5.5	2.0	* 2.0	* 3.0
20	56	12.6	6.0	* 7.5	* 9.8	62	6.3	7.7	* 6.0	*10.0	49	16.9	14.9			22	2.0	2.0	* 4.0	* 6.0
21	56	12.0	4.0	* 5.0	* 8.5	64	4.0	9.5	*12.0	*16.8	40	17.6	7.0	* 5.5	* 9.0	22	2.0	4.0	1.5	3.0
22	58	10.3	6.6	* 8.3	*10.3	51	7.0	5.0	* 5.5	* 8.5	36	16.7	5.0	* 3.0	* 5.5	22	2.0	2.0	* 2.0	* 4.5
23	60	9.4	6.7	* 8.0	*10.8	54	6.0	4.5	* 7.3	*10.0	33	21.5	4.0	* 1.5	* 3.0	22	2.0	3.7	* 4.5	* 3.5

* Fewer than 15 days data on power measurements and no computations made for D_u and D_l.

* Fewer than 7 days data on voltage and logarithmic measurements.

F_{am} = median value of effective antenna noise in db above ktb.

D_u = ratio of upper decile to median in db.

D_l = ratio of median to lower decile in db.

V_{dm} = median deviation of average voltage in db below mean power.

L_{dm} = median deviation of average logarithm in db below mean power.

MONTH-HOUR VALUES OF RADIO NOISE

STATION OHIRA, JAPAN

LAT. 35.6 N

LONG. 140.5 E

FEBRUARY 1965

H. R. TIME	FREQUENCY (Mc)																			
	.013					.051					.160					.495				
	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}
00	156	2.0	2.0	*10.5	*16.5	132	4.1	4.0	*12.0	*18.0	111	6.0	5.6	*10.3	*16.8	86	12.0	4.0	*8.5	*13.0
01	156	3.6	0.1	*10.8	*16.0	132	5.8	4.0	*10.3	*16.3	111	5.6	5.6	*9.5	*15.0	88	8.9	5.6	*6.3	*10.3
02	158	1.7	2.1	10.5	15.5	134	2.3	6.0	*11.0	*15.8	111	6.2	6.0	*10.5	*17.0	87	9.1	4.6	*7.5	*12.0
03	156	4.1	0.1	10.8	15.5	132	7.7	4.0	*12.0	*17.5	109	12.1	5.6	9.0	14.8	86	14.0	4.0	*9.8	*15.0
04	158	3.2	2.0	*11.5	*16.8	132	5.7	3.7	*11.5	*18.0	107	13.3	5.6	*8.5	*13.3	84	15.7	4.0	*8.5	*14.0
05	156	3.7	1.6	*12.5	*17.5	132	4.0	5.7	*13.5	*19.5	105	10.0	7.7	*10.8	*17.3	80	22.7	5.7	*8.5	*13.5
06	156	2.2	2.0	11.5	16.5	124	14.1	2.1	*13.5	*19.3	94	25.0	3.1	*10.5	*14.0	72	21.3	7.7	*7.3	*9.8
07	152	4.1	2.0	10.8	16.5	118	14.3	2.1	12.0	15.5	87	24.0	9.7	*6.5	*8.0	70	10.3	8.0		
08	153	3.4	1.2	12.5	18.0	110	19.4	8.0	*11.0	*16.5	83	12.7	6.0			70	14.1	4.0		
09	154	4.5	2.0	*14.5	*20.5	110	22.6	5.3	*16.3	*18.8	81	17.0	4.0	*3.0	*7.0	68	19.7	8.8	*3.0	*8.5
10	156	3.4	4.0	*14.0	*20.5	116	10.0	6.0	*13.0	*21.0	82	14.9	5.0	*7.8	*11.0	72	15.7	6.0	*4.0	*9.0
11	154	8.3	3.1	*13.5	*20.0	116	21.4	6.0	*14.0	*21.0	81	33.9	4.5	*2.0	*5.5	70	22.9	5.0	*6.0	*8.5
12	154	4.6	2.2	15.0	21.5	116	19.3	4.0	*15.0	*20.5	83	26.5	6.1	*9.0	*15.3	70	14.3	8.0	*13.0	*15.5
13	154	4.3	3.7	14.0	20.5	118	11.8	5.5	*13.5	*19.0	83	20.3	6.0	*2.3	*2.8	72	14.3	10.0	*10.3	*16.0
14	154	4.1	2.0	*13.5	*18.3	118	9.4	3.8	10.3	16.8	83	20.4	6.0	*11.8	*15.3	70	11.5	7.7	*12.0	*15.5
15	156	4.0	2.0	*12.5	*18.8	116	12.0	6.0	*9.5	*15.5	83	17.9	6.0	*12.0	*16.5	72	9.7	9.6	*12.0	*13.8
16	156	2.1	2.1	10.3	15.5	110	18.1	2.0	*12.5	*16.0	83	22.3	6.0	*8.8	*9.8	72	14.0	5.9	*11.0	*16.0
17	156	2.1	2.1	9.5	14.5	117	12.4	8.7	*10.0	*14.5	87	17.5	6.0	*9.5	*13.5	78	14.8	6.0	*1.5	0.0
18	156	2.1	2.0	9.0	14.0	124	4.1	6.0	*11.0	*16.5	97	17.1	7.6	*10.0	*15.3	82	15.4	5.6	*9.0	*13.5
19	158	1.8	2.0	8.8	14.0	128	7.4	4.1	9.0	14.3	101	11.7	8.2	*10.0	*15.0	84	9.6	7.3	*6.0	*9.0
20	158	2.1	2.0	11.0	16.0	130	6.1	3.8	8.5	13.5	105	11.4	7.2	*7.5	*11.5	84	13.3	4.3	*7.3	*11.3
21	158	0.1	2.4	11.0	16.5	130	6.1	4.1	*9.5	*14.8	105	11.9	3.7	9.8	14.8	86	11.7	5.8	*5.8	*10.3
22	158	2.1	3.6	10.0	15.5	130	5.7	2.0	10.5	16.5	107	9.4	3.6	9.5	15.0	87	10.7	3.0	*9.8	*15.8
23	156	2.0	0.1	10.5	16.0	132	3.6	4.0	11.0	17.0	109	8.1	4.1	10.0	15.5	87	5.1	5.0	*5.0	*9.8

H. R. TIME	FREQUENCY (Mc)																			
	2.5					5					10					20				
	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}
00	60	11.8	9.7	*4.0	*7.0	58	6.0	6.0	*4.5	*7.0	37	19.4	5.9	*5.0	*7.0	21	2.0	0.1	*2.0	*3.5
01	54	22.6	7.3	*5.8	*9.3	58	5.0	21.5	*2.5	*4.8	37	20.7	10.3	*3.0	*5.0	21	2.0	0.0	*2.0	*3.5
02	56	9.3	7.3	*5.5	*9.0	56	12.0	7.1	*4.0	*7.0	38	15.3	6.0	*7.5	*11.5	23	0.0	2.3	2.0	3.0
03	56	20.3	4.6			70	5.9	6.8	*8.5	*11.8	35	17.9	5.0	*3.5	*5.8	23	0.0	4.0	*1.8	*3.0
04	54	16.0	12.0	*9.5	*13.5	66	10.3	4.6	*9.5	*13.5	32	4.9	1.7	*4.5	*6.5	23	0.0	2.0	*1.0	*2.5
05	53	17.6	6.8	*7.3	*10.5	65	5.5	8.9	*5.5	*8.8	32	2.0	4.0	*1.0	*3.0	23	0.0	0.5	1.8	3.0
06	54	16.0	13.5			58	7.1	4.0	*12.0	*16.0	*33			*3.8	*5.8	23	0.0	2.0	1.5	3.0
07	46	16.6	4.0	*5.0	*7.8	54	11.0	17.0	*10.5	*15.5	42	23.5	12.0			23	1.1	2.0	*2.3	*3.8
08	44	6.0	5.7			*48					48	22.3	20.0	*2.5	*5.8	23	3.1	3.1	*1.5	*3.0
09	*42	9.9	3.5	*7.0	*9.5	38	8.8	4.0	*5.3	*8.0	36	27.7	4.1	*2.3	*3.5	*23			*1.3	*3.0
10	*40			*8.5	*12.0	*35			*4.3	*6.8	*32					23	3.7	2.0	*2.0	*4.0
11	*41			*6.5	*8.8	36	15.9	6.0	*5.0	*7.5	34	18.3	4.0	*4.5	*7.0	23	3.1	1.1	*1.5	*3.5
12	42	2.5	6.0	*7.0	*10.0	34	4.0	4.0	*4.8	*7.3	*32			*4.0	*7.0	25	2.0	2.6	*2.5	*4.0
13	42	6.0	2.0	6.3	9.5	34	12.9	4.0	*5.0	*7.0	32	16.3	8.0	*2.3	*4.8	24	3.0	3.0	2.5	4.5
14	42	4.0	4.0	*5.0	*7.5	36	14.2	4.2			48	6.6	13.9	*2.0	*4.5	23	2.3	2.3	2.0	3.5
15	42	6.9	6.0	*5.0	*7.0	44	10.4	10.0	*2.0	*4.0	50	10.0	22.2	*4.3	*8.0	23	2.0	2.0	2.0	4.0
16	42	11.0	7.5	*5.3	*7.5	*55			*6.0	*9.5	58	4.3	26.3	*5.8	*10.3	23	2.0	2.0	*1.5	*3.3
17	46	14.9	5.7	*5.0	*7.8	60	10.0	13.1	*6.5	*12.0	58	8.9	21.5	*2.3	*5.8	23	0.0	2.0	*1.5	*3.3
18	50	14.6	5.3	*8.5	*12.3	62	8.7	5.4	*7.5	*10.8	48	22.0	15.0	*3.5	*7.0	21	2.5	0.0	*0.5	*2.0
19	56	18.4	3.7	*5.5	*8.5	63	3.9	12.5	*6.0	*10.5	48	15.8	12.9	4.0	9.0	21	2.0	0.0	*1.5	*3.3
20	59	8.0	8.9	*8.5	*13.0	66	2.7	8.0	*7.3	*10.5	38	25.2	9.6	*9.0	*12.0	21	2.0	2.0	1.5	3.0
21	60	9.5	9.5	*5.0	*9.5	66	6.0	12.1	*11.0	*17.5	44	15.5	11.0	*8.8	*14.5	21	2.0	0.2	*0.5	*2.5
22	63	9.2	7.1	*11.5	*16.5	56	4.1	4.6	*5.8	*8.0	40	12.4	8.1	*5.5	*9.0	21	0.1	1.7	*1.5	3.0
23	62	8.0	17.2	*7.0	*11.0	56	6.0	4.0	*3.5	*5.5	40	12.0	10.0	*2.8	*5.3	21	2.0	2.0	1.3	3.0

* Fewer than 15 days data on power measurements and no computations made for D_u and D_l.

* Fewer than 7 days data on voltage and logarithmic measurements.

F_{om} = median value of effective antenna noise in db above ktb.

D_u = ratio of upper decile to median in db.

D_l = ratio of median to lower decile in db.

V_{dm} = median deviation of average voltage in db below mean power.

L_{dm} = median deviation of average logarithm in db below mean power.

MONTH-HOUR VALUES OF RADIO NOISE

STATION PRETORIA, S. AFR.

LAT. 25.8 S

LONG. 28.3 E

DECEMBER 1964

H.R.	FREQUENCY (Mc)																				
	.013					.051					.160					.495					
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	
00	*163					*139					*115					*100					
01	*162					*137					*113					* 98					
02	*162					*137					*114					* 98					
03	*163					*137					*114					* 96					
04	*161					*135					*110					* 90					
05	*159					*130					* 98					* 65					
06	*158					*129					* 94					* 69					
07	*157					*127					* 94					* 61					
08	*159					*126					* 95					* 63					
09	*161					*129					* 96					* 62					
10	*158					*128					* 98					* 70					
11	*159					*133					*110					* 86					
12	*165					*140					*116					* 96					
13	*169					*143					*120					*100					
14	*171					*145					*124					*104					
15	*171					*147					*122					*102					
16	*171					*145					*124					*104					
17	*171					*145					*126					*106					
18	*169					*142					*122					* 98					
19	*165					*143					*122					*104					
20	*169					*147					*124					*103					
21	*167					*144					*122					*104					
22	*167					*143					*120					*102					
23	*165					*140					*116					*102					

H.R.	FREQUENCY (Mc)																				
	2.5					5					10					20					
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	
00	* 76					* 67					* 45					* 26					
01	* 76					* 67					* 47					* 25					
02	* 66					* 65					* 46					* 25					
03	* 70					* 65					* 44					* 25					
04	* 75					* 66					* 40					* 26					
05	* 70					* 70					* 46					* 25					
06	* 68					* 57					* 44					* 27					
07	* 62					* 60					* 42					* 27					
08	* 50					* 46					* 36					* 25					
09	* 46					* 46					* 37					* 27					
10	* 48					* 44					* 40					* 27					
11	* 50					* 46					* 43					* 29					
12	* 51					* 50					* 44					* 32					
13	* 58					* 54					* 48					* 33					
14	* 67					* 56					* 50					* 34					
15	* 64					* 58					* 53					* 33					
16	* 72					* 62					* 54					* 35					
17	* 73					* 66					* 56					* 33					
18	* 73					* 72					* 57					* 32					
19	* 76					* 72					* 56					* 30					
20	* 79					* 74					* 56					* 32					
21	* 82					* 72					* 54					* 29					
22	* 80					* 72					* 53					* 27					
23	* 78					* 70					* 44					* 27					

* Fewer than 15 days data on power measurements and no computations made for D_u and D_l.

* Fewer than 7 days data on voltage and logarithmic measurements.

F_{am} = median value of effective antenna noise in db above ktb.

D_u = ratio of upper decile to median in db.

D_l = ratio of median to lower decile in db.

V_{dm} = median deviation of average voltage in db below mean power.

L_{dm} = median deviation of average logarithm in db below mean power.

MONTH-HOUR VALUES OF RADIO NOISE

STATION PRETORIA, S. AFR.

LAT. 25.8 S

LONG. 28.3 E

JANUARY 1965

TIME - HOUR	FREQUENCY (Mc)																			
	.013					.051					.160					.495				
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}
00	160	5.1	15.5			138	4.2	15.8			120	4.0	7.9			100	6.0	4.0		
01	160	4.9	4.5			136	7.9	7.1			118	8.7	4.0			100	6.9	4.0		
02	159	4.2	4.7			136	6.6	6.8			116	8.8	4.2			98	8.4	2.0		
03	157	5.9	3.9			135	7.4	8.9			116	10.8	6.0			98	10.6	5.9		
04	156	5.2	4.9			134	4.2	16.7			114	9.9	6.0			96	9.9	6.3		
05	155	4.2	19.3			128	8.0	12.8			104	16.2	13.6			88	10.6	20.6		
06	152	3.2	18.2			126	2.6	8.8			97	16.7	18.9			* 68				
07	151	5.9	8.9			126	4.3	16.6			97	16.3	19.2			* 74				
08	*155					*126					* 94					* 72				
09	*151					*122					* 92					* 76				
10	*155					*123					* 97					* 84				
11	153	8.0	8.0			130	8.3	12.3			*104					* 84				
12	*159					*136					*116					* 89				
13	*163					*140					*122					* 98				
14	*165					*144					*126					* 96				
15	*165					*143					*126					* 97				
16	*169					*146					*128					*100				
17	*167					*144					*128					*106				
18	*166					*144					*127					*102				
19	*163					142	10.0	4.0			*123					*100				
20	*163					*142					*122					102	14.0	6.3		
21	163	8.3	2.3			*140					124	12.3	6.6		*104					
22	163	15.4	4.0			140	4.6	6.0			124	6.0	8.3		102	32.3	4.3			
23	161	4.0	2.0			140	2.3	8.0			120	6.0	4.6		104	4.3	8.0			

TIME - HOUR	FREQUENCY (Mc)																			
	2.5					5					10					20				
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}
00	74	4.1	7.8			61	4.1	5.7			44	4.0	6.3			21	1.9	3.9		
01	72	6.6	4.4			61	4.3	5.9			42	6.1	5.7			20	5.1	2.9		
02	72	4.8	4.3			59	5.7	2.1			39	11.8	5.0			21	2.0	3.9		
03	70	8.0	4.2			59	4.1	5.7			40	8.1	7.9			21	2.5	2.0		
04	70	8.5	6.0			57	8.1	2.2			36	8.0	4.0			21	2.0	2.0		
05	68	7.7	11.5			57	4.0	4.0			38	11.9	4.0			21	5.7	4.0		
06	56	13.8	8.4			51	6.1	7.7			42	4.0	5.9			21	2.0	4.0		
07	48	12.3	4.3			45	10.1	7.9			38	6.1	4.0			21	2.0	4.1		
08	* 46	7.8	5.8			* 39	10.8	4.0			* 38	6.0	6.0			20	3.0	3.0		
09	* 44					* 36					35	5.0	4.6			21	2.1	3.7		
10	44	7.5	2.0			37	4.9	6.9			34	4.0	3.5			23	13.1	4.0		
11	46	17.4	4.5			39	8.6	10.0			36	6.3	6.3			27	26.8	8.0		
12	54	17.1	10.0			43	8.0	10.0			38	6.7	2.7			28	24.8	5.9		
13	58	16.0	12.9			47	14.2	13.1			42	9.1	3.1			29	10.4	6.0		
14	68	10.0	22.0			53	15.0	13.0			46	10.0	4.0			27	11.0	3.5		
15	68	14.0	18.4			55	13.5	14.0			50	6.0	6.0			29	13.0	5.6		
16	73	10.3	18.7			61	6.1	8.3			52	3.5	4.0			29	4.3	4.0		
17	72	6.1	9.9			61	6.0	4.0			53	2.9	3.0			32	3.4	7.3		
18	76	6.0	8.0			65	7.3	4.0			52	4.0	2.0			29	5.1	5.1		
19	78	6.0	4.7			67	4.3	4.3			52	4.9	2.0			26	7.5	5.0		
20	78	6.0	4.5			67	9.7	4.0			50	8.3	2.0			23	6.3	2.0		
21	76	5.9	5.7			65	6.0	6.0			48	6.0	2.1			21	4.8	2.1		
22	75	5.0	6.0			63	7.7	6.1			44	10.7	2.7			21	4.7	4.7		
23	74	6.6	6.0			61	8.0	3.9			42	6.3	4.3			19	4.0	0.0		

* Fewer than 15 days data on power measurements, and no computations made for D_u and D_l.

* Fewer than 7 days data on voltage and logarithmic measurements.

F_{am} = median value of effective antenna noise in db above ktb.

D_u = ratio of upper decile to median in db.

D_l = ratio of median to lower decile in db.

V_{dm} = median deviation of average voltage in db below mean power.

L_{dm} = median deviation of average logarithm in db below mean power.

MONTH-HOUR VALUES OF RADIO NOISE

STATION PRETORIA, S. AFR.

LAT. 25.8 S

LONG. 28.3 E

FEBRUARY 1965

M. R. T.	FREQUENCY (Mc)																			
	.013					.051					.160					.495				
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}
00	*158					*138					*120					*100				
01	*157					*138					*116					* 98				
02	*156					*136					*116					* 98				
03	*156					*136					*114					* 96				
04	*155					*132					*112					* 94				
05	*155					*130					*104					* 78				
06	*153					*126					* 90					* 60				
07	*151					*122					* 94					* 60				
08	*152					*124					* 91					* 60				
09	*150					*122					* 93					* 60				
10	*152					*118					* 88					* 60				
11	*151					*124					* 90					* 60				
12	*154					*130					*100					* 68				
13	*158					*136					*112					* 88				
14	*162					*142					*122					* 97				
15	*165					*142					*118					* 98				
16	*164					*140					*120					*101				
17	*165					*138					*120					* 98				
18	*165					*138					*118					* 96				
19	*163					*138					*118					*100				
20	*160					*140					*120					*104				
21	*160					*138					*120					*104				
22	*159					*138					*118					*102				
23	*160					*138					*120					*103				

M. R. T.	FREQUENCY (Mc)																			
	2.5					5					10					20				
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}
00	69	8.1	6.0			55	10.1	4.0			42	4.2	6.1			21	7.4	4.0		
01	68	8.7	6.6			57	3.9	6.4			42	2.1	5.6			21	2.1	3.7		
02	69	6.2	6.1			56	3.0	6.8			38	7.8	5.7			21	5.6	5.6		
03	69	6.1	8.1			55	5.9	6.0			36	6.1	5.6			21	3.7	2.0		
04	69	5.6	7.6			55	5.7	6.3			33	8.7	3.1			20	3.2	3.0		
05	67	5.7	6.1			55	3.9	9.6			34	5.7	4.0			19	5.7	2.0		
06	55	9.7	5.7			51	6.4	10.1			39	3.1	4.6			19	5.6	2.0		
07	45	10.4	4.1			42	9.3	9.0			37	5.2	3.2			20	3.4	3.0		
08	43	10.0	4.9			37	13.0	8.0			35	10.8	5.9			21	5.9	3.6		
09	39	7.5	4.3			33	15.5	8.0			30	8.9	6.0			21	6.5	2.0		
10	41	2.3	6.0			29	8.9	4.5			30	8.5	8.5			23	8.0	4.5		
11	41	8.0	2.3			29	13.8	4.0			30	10.8	6.0			27	12.3	6.3		
12	43	8.6	4.0			29	14.3	2.2			34	8.0	6.2			35	10.0	12.3		
13	47	20.3	6.1			37	16.9	10.0			38	6.3	4.0			27	10.0	4.0		
14	57	25.6	17.9			47	21.7	13.9			42	10.0	16.8			29	11.1	4.3		
15	61	27.3	18.0			50	20.4	15.0			45	14.4	7.5			31	14.0	6.2		
16	65	22.0	19.9			55	19.2	15.7			48	10.3	5.7			31	11.7	7.7		
17	69	11.9	16.0			57	6.3	13.6			48	6.1	4.0			31	7.7	6.0		
18	71	6.1	9.7			57	8.0	8.3			48	4.2	3.9			27	8.1	4.2		
19	73	10.0	4.3			60	8.0	8.0			48	6.1	3.9			25	5.1	4.3		
20	73	6.3	6.0			59	8.6	8.3			46	10.6	2.3			21	16.6	4.0		
21	71	6.3	4.1			58	13.2	7.1			44	15.6	4.0			21	29.0	4.0		
22	70	10.4	5.0			57	17.2	5.7			44	16.2	4.1			21	18.3	4.0		
23	69	9.7	4.1			55	7.7	3.6			42	5.7	6.0			21	7.6	3.7		

* Fewer than 15 days data on power measurements and no computations made for D_u and D_l.

* Fewer than 7 days data on voltage and logarithmic measurements.

F_{am} = median value of effective antenna noise in db above ktb.

D_u = ratio of upper decile to median in db.

D_l = ratio of median to lower decile in db.

V_{dm} = median deviation of average voltage in db below mean power.

L_{dm} = median deviation of average logarithm in db below mean power.

MONTH-HOUR VALUES OF RADIO NOISE

STATION SAO JOSE, BRAZIL

LAT. 23.3 S

LONG. 45.8 W

DECEMBER 1964

H. R. T.	FREQUENCY (Mc)																			
	.051					.113					.246					.545				
	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}
00	139	6.3	8.3	6.3	9.8	120	8.1	6.3	6.0	9.5	106	5.7	8.0	7.0	10.8	91	6.3	6.0	4.0	7.0
01	138	8.0	7.1	8.0	11.5	118	10.0	5.9	* 5.3	* 8.8	104	6.1	6.1	* 5.0	* 8.0	91	6.1	6.1	* 4.5	* 7.5
02	138	8.0	8.0	6.3	11.3	118	8.9	7.5	5.0	10.0	102	7.9	6.1	5.0	8.8	89	8.0	5.7	* 4.3	* 7.8
03	136	10.0	8.0	6.8	11.8	116	10.0	5.7	6.5	11.0	100	8.1	5.7	5.5	9.3	87	7.9	6.1	5.0	8.0
04	136	9.1	6.0	7.0	11.8	116	8.9	7.7	* 6.0	* 10.8	98	10.0	4.1	6.0	10.8	87	7.5	8.1	* 4.8	* 8.8
05	132	8.0	8.0	* 8.5	* 13.5	104	8.0	9.5	* 11.0	* 16.0	78	13.9	3.7	* 8.0	* 12.0	84	5.2	13.0	* 7.5	* 13.0
06	128	8.0	9.3	8.0	13.0	98	11.8	6.1	* 9.5	* 15.0	78	7.5	4.0	* 7.0	* 9.5	85	9.7	13.2	* 8.0	* 12.5
07	123	9.0	6.3	7.3	12.0	100	13.4	7.9	8.5	13.0	78	10.0	3.7	* 8.0	* 11.0	91	4.3	7.6	* 6.8	* 12.0
08	124	8.0	6.0	7.8	12.0	98	8.0	9.0	* 7.5	* 12.5	78	6.3	4.3	* 6.0	* 11.5	89	4.0	8.3	* 5.3	* 8.8
09	124	10.0	5.9	9.5	13.8	100	7.5	11.1	* 9.8	* 14.8	78	5.3	5.3	* 8.5	* 12.0	87	6.0	8.2	* 4.5	* 7.5
10	128	9.7	8.1	9.0	10.5	102	12.6	8.0	* 9.0	* 14.5	80	11.7	6.0	* 8.3	* 11.8	91	4.3	2.3	* 4.5	* 7.0
11	131	9.4	7.0	8.5	15.0	106	16.0	8.0	* 9.8	* 15.0	84	18.7	8.7	* 13.5	* 21.5	91	10.5	4.5	* 8.8	* 15.3
12	136	10.2	12.2	8.3	12.3	114	21.1	20.0	* 13.0	* 20.5	91	28.0	17.5	* 13.8	* 22.3	93	17.3	8.0	* 10.0	* 16.0
13	140	10.2	13.6	8.8	13.8	120	12.7	19.4	* 14.8	* 20.8	94	31.4	17.9	* 14.5	* 23.0	93	17.0	6.7	* 5.8	* 11.8
14	142	12.1	15.6	9.5	14.5	122	16.5	26.0	11.0	18.0	103	19.9	29.9	* 13.8	* 20.0	93	17.9	5.9	* 10.0	* 15.5
15	142	13.5	13.0	9.0	12.0	123	14.9	24.7	10.5	16.5	104	18.7	30.7	* 12.5	* 21.0	95	12.6	10.9	* 10.0	* 15.5
16	144	8.0	13.9	9.0	14.5	122	12.0	20.0	* 10.0	* 15.5	102	16.3	24.4	* 11.5	* 18.0	91	13.9	8.1	* 6.5	* 10.8
17	144	6.0	13.3	9.0	15.0	123	11.3	19.4	* 11.0	* 18.5	104	12.6	25.2	* 11.5	* 17.5	89	12.2	8.0	* 8.0	* 13.5
18	143	5.0	14.3	* 8.5	* 14.0	122	8.7	22.0	* 12.8	* 20.3	100	12.8	15.8	* 10.0	* 18.3	91	11.7	10.1	7.0	11.0
19	142	5.1	10.0	7.5	12.5	122	7.9	13.8	* 8.0	* 12.3	106	8.2	15.5	* 8.3	* 14.8	93	4.1	8.1	5.5	9.5
20	142	3.1	10.2	6.5	11.0	122	6.0	8.4	7.0	11.5	106	6.1	11.7	7.0	14.5	95	4.0	8.0	4.8	9.8
21	140	5.1	5.1	6.5	10.8	122	6.0	8.1	5.0	8.0	106	6.1	8.1	6.8	11.0	93	4.0	7.7	4.5	7.5
22	140	6.0	6.0	5.3	9.3	120	8.0	6.1	* 5.3	* 8.8	108	4.0	8.1	9.5	15.5	93	5.7	7.9	* 3.5	* 6.0
23	140	6.0	7.1	7.0	11.5	122	6.1	8.1	4.5	8.5	106	6.0	7.7	* 7.5	* 14.0	91	6.1	5.7	* 5.5	* 9.3

H. R. T.	FREQUENCY (Mc)																			
	2.5					5					10					20				
	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}	F _{om}	D _u	D _l	V _{dm}	L _{dm}
00	68	5.3	9.3	6.0	11.0	61	6.0	9.8	6.0	10.0	45	6.0	4.0	6.0	10.0	25	5.3	2.0	* 3.0	* 5.3
01	67	6.3	10.3	6.0	11.3	59	5.3	9.8	5.8	10.0	43	9.3	6.0	6.0	9.5	25	6.0	2.0	2.3	4.0
02	66	7.3	9.3	7.0	12.0	57	6.0	7.3	5.0	9.8	43	9.3	8.0	5.5	8.0	25	3.3	2.0	* 1.8	* 3.5
03	66	7.3	8.0	6.0	10.5	57	6.0	8.0	6.0	10.8	43	7.3	9.3	5.5	9.5	25	3.3	2.0	2.0	4.0
04	66	7.5	11.0	8.0	14.0	57	6.0	10.0	7.0	12.0	43	6.0	8.0	4.0	6.5	25	2.0	2.0	1.5	3.5
05	62	8.0	12.0	7.5	12.5	59	6.1	13.8	6.0	11.5	45	4.0	11.5	5.5	8.0	25	4.0	2.0	* 1.8	* 3.5
06	54	6.0	9.5	6.0	11.0	55	2.0	15.0	* 5.8	* 10.3	45	4.0	8.0	4.0	6.5	25	3.5	0.0	2.0	4.0
07	44	8.0	8.0	* 6.0	* 11.0	47	5.5	10.0	* 6.0	* 11.0	41	6.0	8.0	5.3	8.8	27	1.3	2.0	* 3.0	* 5.3
08	38	6.0	9.5	* 7.8	* 12.3	43	5.9	10.1	5.0	10.0	37	4.0	10.4	7.5	12.5	27	4.1	2.1	* 2.8	* 5.3
09	36	12.0	6.3	6.5	8.5	37	4.0	6.7	* 5.0	* 10.5	33	8.9	6.6	* 6.5	* 10.0	26	5.0	1.0	2.8	5.3
10	36	11.2	5.3	* 6.0	* 8.8	35	6.1	5.9	* 6.5	* 9.8	37	4.0	8.2	* 7.5	* 11.5	27	6.1	2.0	* 2.8	* 4.5
11	39	11.1	5.2	* 10.5	* 15.0	35	8.2	8.0	* 9.0	* 14.0	37	4.2	6.6	6.5	10.3	29	3.9	4.0	3.0	5.5
12	38	22.0	9.6	* 9.8	* 15.3	37	13.5	7.5	* 7.0	* 11.5	39	6.0	11.3	7.0	11.5	27	6.6	2.0	* 3.0	* 5.5
13	44	32.0	10.1	* 6.5	* 9.3	42	11.9	11.5	* 7.0	* 12.0	42	7.9	13.5	* 5.8	* 8.5	27	13.3	2.0	* 3.5	* 5.0
14	46	31.7	12.8	7.0	11.0	43	22.3	18.0	6.5	10.5	43	8.3	14.0	* 7.0	* 11.0	29	12.6	2.3	4.0	6.0
15	52	24.0	22.0	* 7.0	* 12.0	47	13.9	16.2	* 5.5	* 9.0	47	6.9	14.9	4.8	7.5	31	8.7	4.0	4.5	6.8
16	52	22.3	13.1	* 8.5	* 14.5	51	11.0	11.0	* 5.3	* 9.0	48	5.0	10.8	5.0	8.5	33	7.7	5.9	* 3.0	* 5.5
17	58	13.5	14.1	6.8	11.5	59	6.3	14.4	* 5.8	* 9.0	51	3.5	10.4	5.3	8.5	33	7.7	3.7	* 4.0	* 6.5
18	66	6.0	18.4	6.8	11.3	61	3.5	7.0	6.0	8.5	49	4.0	7.0	5.0	8.5	31	9.3	4.0	3.5	5.8
19	72	2.0	15.3	4.8	8.8	63	2.0	11.8	3.5	7.0	49	4.0	5.3	4.8	8.0	27	10.0	3.3	3.0	5.0
20	70	4.0	10.6	5.5	9.0	63	4.0	7.0	4.3	7.5	47	6.0	4.0	4.0	8.0	27	7.3	2.0	3.0	5.5
21	70	4.0	10.6	5.5	10.0	62	5.0	7.6	* 6.0	* 10.5	47	5.3	6.0	5.0	8.5	25	6.0	2.0	2.5	4.5
22	68	6.0	10.6	5.5	10.0	61	6.6	7.3	* 4.5	* 8.5	45	8.0	3.3	5.5	9.5	25	5.8	2.0	2.5	4.5
23	68	4.0	10.6	6.0	11.0	63	5.3	10.0	* 6.0	* 10.0	45	6.0	4.0	5.0	8.5	25	4.0	2.0	2.5	4.0

* Fewer than 15 days data on power measurements and no computations made for D_u and D_l.

* Fewer than 7 days data on voltage and logarithmic measurements.

F_{om} = median value of effective antenna noise in db above ktb.

D_u = ratio of upper decile to median in db.

D_l = ratio of median to lower decile in db.

V_{dm} = median deviation of average voltage in db below mean power.

L_{dm} = median deviation of average logarithm in db below mean power.

MONTH-HOUR VALUES OF RADIO NOISE

STATION SAO JOSE, BRAZIL

LAT. 23.3 S

LONG. 45.8 W

JANUARY 1965

TIME T.M. R.H.	FREQUENCY (Mc)																			
	.051					.113					.246					.545				
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}
00	139	2.0	8.0	9.0	15.0	119	4.5	5.5	7.5	13.3	106	5.1	7.1	10.5	17.5	90	3.5	8.0	6.5	11.5
01	137	4.0	8.0	9.5	15.5	119	5.1	6.5	11.5	17.0	104	6.0	6.0	11.0	16.0	88	4.0	7.1	* 5.5	*10.8
02	135	6.0	8.2	11.0	17.0	117	8.0	7.1	10.5	16.5	104	4.0	8.0	11.5	17.0	88	4.0	4.0	6.3	11.3
03	135	6.0	7.1	11.5	17.0	117	6.0	6.6	11.0	17.0	102	6.0	7.1	10.8	17.3	86	5.1	4.0	8.0	13.5
04	135	6.0	9.2	10.8	17.3	116	6.1	9.2	10.8	17.5	102	4.0	9.1	10.0	18.0	86	4.0	8.6	* 7.5	*12.5
05	133	5.1	14.0	12.3	17.8	111	6.0	15.1	11.3	17.0	88	6.2	10.0	*12.5	*19.5	84	6.0	8.0	* 6.0	*13.0
06	125	8.2	8.0	11.0	16.5	99	12.0	8.0	13.5	18.5	80	12.0	3.1	10.5	14.0	86	4.0	10.0	* 5.8	*11.0
07	123	10.0	7.3	12.5	17.0	101	10.0	12.0	*12.0	*18.0	80	13.1	3.1	11.0	15.5	90	3.1	9.1	* 5.5	*10.0
08	123	10.0	9.0	8.0	12.5	99	11.8	8.1	*12.5	*19.5	79	13.5	3.0	*10.0	*15.5	86	5.5	10.5		
09	123	8.0	8.0	7.5	11.5	100	14.7	8.6	*10.5	*15.3	82	15.4	5.7	*11.5	*16.0	88	2.0	8.0	* 6.5	*11.5
10	123	10.1	6.1	9.0	12.5	103	12.4	10.0	11.3	16.3	84	18.3	8.0	* 8.8	*12.5	88	5.0	6.6	* 6.3	*10.5
11	129	12.0	10.0	12.3	17.5	103	22.5	7.4	*13.5	*20.0	88	18.6	6.3	*13.3	*18.0	88	6.1	10.0	* 5.0	*10.0
12	133	11.5	11.0	11.5	16.5	111	18.0	9.1	12.0	17.5	96	23.9	16.0	* 8.0	*12.0	92	15.5	12.0	* 8.0	*12.0
13	137	11.0	10.0	11.0	14.5	121	8.3	16.6	*13.0	*20.0	106	18.0	22.7	*12.0	*16.0	92	17.9	8.6	* 6.0	*12.0
14	141	10.7	10.7	*10.0	*15.0	123	14.7	14.7	11.5	16.0	110	16.3	26.0	11.0	15.0	93	18.7	11.2	* 7.5	*13.0
15	142	12.3	9.0	11.3	17.5	123	16.0	14.0	*11.5	*17.5	114	11.3	27.3	11.3	17.3	95	14.3	8.3	* 6.5	*12.0
16	144	6.8	9.9	10.5	16.0	127	12.3	18.3	* 7.8	*11.3	113	13.0	27.5	*10.5	*14.0	92	14.1	15.5	* 6.5	*11.5
17	143	6.0	10.0	12.5	18.0	124	8.5	13.5	11.5	17.0	108	11.3	20.0	11.3	17.3	89	13.8	10.8	* 6.5	*11.0
18	141	6.0	10.0	13.0	18.5	121	10.0	12.0	10.3	17.0	104	11.3	11.3	11.0	17.5	90	9.1	8.2	6.5	12.0
19	141	9.1	11.1	9.5	15.0	123	9.3	11.3	9.0	15.0	108	7.3	9.3	8.3	14.8	92	4.0	10.0	7.0	12.0
20	139	6.0	10.0	11.0	17.0	121	7.1	9.1	9.8	15.8	106	8.0	8.0	9.0	16.5	90	5.5	6.2	6.5	10.5
21	139	4.0	8.0	10.5	16.5	122	5.0	9.0	9.0	15.3	108	6.0	9.3	9.0	16.5	92	4.0	10.2	* 7.5	*12.3
22	139	5.1	7.1	9.5	16.0	122	5.0	10.1	8.5	15.0	108	6.0	8.0	9.0	17.0	90	4.5	9.2	6.0	10.8
23	137	6.0	4.0	10.5	17.5	121	4.0	9.1	9.0	15.5	106	6.0	7.1	10.5	16.8	90	4.0	10.2	6.5	12.0

TIME T.M. R.H.	FREQUENCY (Mc)																			
	2.5					5					10					20				
	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}	F _{am}	D _u	D _l	V _{dm}	L _{dm}
00	71	7.1	5.1	6.5	10.0	61	9.1	13.1	* 4.5	* 7.8	41	10.0	7.1	4.5	8.0	25	5.3	2.0	2.0	4.0
01	71	6.0	6.0	6.0	8.5	51	17.1	9.1	5.5	8.5	39	11.1	6.0	5.5	8.5	25	5.3	2.0	2.3	4.3
02	69	7.1	4.0	6.0	10.0	55	12.0	13.3	5.8	9.0	39	10.0	6.0	6.3	10.0	25	4.0	2.0	2.0	3.5
03	69	7.1	5.1	6.5	11.5	53	13.1	12.0	5.5	10.0	37	10.0	4.0	4.5	7.0	25	3.3	2.0	* 2.0	* 3.3
04	69	8.0	6.0	7.0	10.8	51	16.0	10.0	6.0	10.0	37	10.0	4.0	6.0	9.0	25	2.0	2.0	2.0	3.8
05	67	8.0	9.1	7.0	11.5	55	10.0	15.3	6.5	11.0	39	9.1	6.0	6.0	9.0	25	5.3	2.0	2.0	3.5
06	59	8.0	8.0	5.5	9.0	51	12.0	12.0	* 6.0	*10.0	39	9.1	4.0	5.0	7.5	25	7.6	1.0	* 2.8	* 4.5
07	51	8.0	6.0	6.8	10.0	45	12.2	12.0	* 5.5	* 9.5	39	8.2	8.0	5.5	7.8	27	8.6	2.0	* 2.0	* 4.0
08	47	8.4	6.0	* 6.5	* 9.3	39	11.9	7.9	* 5.3	* 8.3	35	4.3	6.0	* 6.5	*12.0	27	2.6	2.0	2.5	4.5
09	45	10.5	6.5	* 2.5	* 4.0	41	4.0	9.9	* 5.5	*10.5	33	5.5	7.5	* 7.8	*11.5	25	5.7	2.0	3.0	5.0
10	43	9.5	4.0	* 5.8	* 8.3	37	6.0	7.5	* 6.0	* 8.8	31	8.0	7.9	* 7.5	*11.5	25	4.9	2.0	* 3.5	* 5.8
11	48	8.0	9.0	*12.5	*15.5	36	10.4	9.0	* 8.5	*14.3	33	7.7	6.0	* 7.0	*12.0	25	12.2	2.0	* 4.3	* 7.0
12	49	25.0	13.5	*11.0	*14.5	39	19.6	9.7	* 9.0	*13.0	35	10.0	7.5	* 5.3	* 8.8	27	26.7	4.0	* 3.8	* 4.8
13	55	24.0	17.5	*12.3	*18.0	41	17.9	8.3	* 7.0	*11.5	39	11.7	6.0	* 7.0	*10.3	29	17.9	3.9	* 4.0	* 7.5
14	59	23.4	13.4			45	19.4	10.7	*12.8	*17.0	40	7.0	6.9	* 6.8	*10.0	29	14.0	4.0	* 5.8	* 8.0
15	63	21.5	21.5	* 8.3	*14.0	51	15.7	13.7	* 9.8	*14.0	45	6.0	10.6	* 7.3	*11.0	33	9.1	6.0	* 5.0	* 7.0
16	70	11.9	21.6			53	16.6	8.3	* 5.8	* 9.3	47	6.4	8.0	5.5	8.0	33	7.7	6.0	* 8.8	*14.0
17	69	12.6	13.3	* 6.5	*11.5	58	10.7	8.6	6.0	9.3	47	7.3	6.0	5.0	8.5	33	6.0	4.0	* 4.5	* 6.5
18	73	8.6	10.0	8.5	13.0	62	8.3	11.0	* 4.5	* 7.5	46	5.8	5.5	5.0	8.0	31	7.3	2.0	5.0	7.0
19	75	8.0	6.0	5.5	11.0	62	9.0	12.3	* 5.5	* 8.0	45	8.0	6.0	5.0	8.0	29	6.0	5.5	4.3	6.0
20	77	6.0	8.0	5.5	9.8	67	7.1	14.0	5.0	7.5	45	7.1	6.0	5.0	7.5	27	9.3	4.0	3.0	5.3
21	77	4.0	10.0	5.8	10.0	61	12.0	10.0	* 5.0	* 8.5	43	9.5	6.0	5.3	8.0	27	5.3	4.0	3.8	5.5
22	73	7.1	5.1	6.0	9.5	61	11.3	12.0	* 4.0	* 7.0	41	10.0	7.1	5.0	8.0	25	5.3	2.0	2.5	4.0
23	73	6.0	6.0	* 7.5	*12.0	59	13.1	8.0	5.0	8.5	41	10.0	8.0	5.0	8.5	25	2.0	2.0	2.0	4.0

* Fewer than 15 days data on power measurements and no computations made for D_u and D_l.

* Fewer than 7 days data on voltage and logarithmic measurements.

F_{am} = median value of effective antenna noise in db above ktb.

D_u = ratio of upper decile to median in db.

D_l = ratio of median to lower decile in db.

V_{dm} = median deviation of average voltage in db below mean power.

L_{dm} = median deviation of average logarithm in db below mean power.