

Absorption Data

Method: A 1

Year: 1979

Month I

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 1,7

Geomagnetic latitude: 36°30'

longitude: 122°12'

Date	L (dB)		L(cos χ = 1)		L(cos χ = 0,2)		exponent n		τ (min.)	Notes
	noon meas. /calc.		a. m. mean (dB)	/p. m. (dB)	a. m. mean (dB)	/p. m. (dB)	a. m. mean	/p. m. mean		
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21		42/43	74		23		0,73			
22		59/59	75		45		0,32			
23		44/46	56		37		0,25			
24		59/59	66		51		0,15			
25		56/56	61		49		0,13			
26		53/53	78		33		0,53			
27		51/51	62		43		0,22			
28		55/59	100		29		0,71			
29		59/58	120		22		1,04			
30										
31										
Count	9		9		9		9			
Median	55/56		74		37		0,32			

Absorption Data

Method: A 3

Year: **1979**

Month **I**

Station (circuit): **Tbilisi 2,2**

Geographic latitude: **41°44'N**

longitude: **44°48'E**

Frequency: **MHz**

Geomagnetic latitude: **36°30'**

longitude: **123°12'**

Date	L (dB) noon meas. /calc.	L(cos χ = 1) a. m. /p. m. mean (dB)	L(cos χ = 0,2) a. m. /p. m. mean (dB)	exponent n a. m. /p. m. mean	τ (min.)	Notes
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17	48					
18						
19	49/49	68	34	0,44		
20	55/57	97	30	0,72		
21	44/45	54	36	0,24		
22	51/52	56	46	0,12		
23						
24	59/59	79	40	0,41		
25	50/50	69	34	0,44		
26	59/59	115	25	0,92		
27	59/58	87	33	0,59		
28						
29	51/53	71	36	0,42		
30						
31						
Count	10/9	9	9	9		
Median	51/53	71	34	0,44		

Absorption Data

Method: A 1

Year:

Station (circuit): Tbilissi

Geographic latitude: 41°11'N

longitude: 44°18'E

Frequency: MHz

Geomagnetic latitude: 36°30'

longitude: 122°12'

Date	L noon meas. /calc.	L(cos χ =1)		L(cos χ =0,2)		exponent n		τ (min.)	Notes
		a. m. mean (dB)	/p. m. mean (dB)	a. m. mean (dB)	/p. m. mean (dB)	a. m. mean	/p. m. mean		
1	74.8	72		28		0,58			
2									
3									
4									
5									
6	59/56	69		40		0,34			
7	50/60	120		30		0,81			
8	59/56	84		28		0,68			
9									
10									
11									
12									
13	59/62	68		51		0,18			
14	/69	90		39		0,52			
15	56/56	62		46		0,18			
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
Count	5/7	7		7		7			
Median	59/56	72		39		0,52			

Absorption Data

Method: A 1

Year 1979

Month II

Station (circuit): Tbilissi

Geographic latitude: 41°41'N

longitude: 44°48'E

Frequency: MHz 2,2

Geomagnetic latitude: 36°30'

longitude: 122°12'

Date	L (dB) noon meas. /calc.	L(cos χ = 1)		L(cos χ = 0,2)		exponent n		τ (min.)	Notes
		a. m. mean (dB)	/p. m. (dB)	a. m. mean (dB)	/p. m. (dB)	a. m. mean	/p. m. mean		
1	/60	120		22		1,04			
2									
3									
4									
5									
6	50/54	75		31		0,55			
7	59/59	86		33		0,60			
8	59/58	86		31		0,63			
9									
10									
11									
12									
13	59/58	71		40		0,31			
14	/57	64		45		0,22			
15	55/55	96		18		1,03			
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
Count Median	5/7 59/58	7 86		7 31		7 0,60			

Absorption Data

Method: A 1

Year:

Month:

Station (circuit): Tbilissi

Geographic latitude: ~~41° 7' N~~longitude: ~~41° 11'~~

Frequency: MHz

Geomagnetic latitude: 36° 30'

longitude: 122° 12'

Date	L (d19) noon meas. /calc.	L(cos χ =1) a. m. /p. m. mean (dB)		L(cos χ =0,2) a. m. /p. m. mean (dB)		exponent n a. m. /p. m. mean		τ (min.)	Notes
1	56/53	58		41		0,22			
2									
3									
4									
5									
6									
7									
8									
9									
10	52								
11									
12	56/56	86		11		1,27			
13	50/48	54		32		0,33			
14	59/54	74		17		0,91			
15	56/57	120/66	84	2/30	12	1,75/0,50	1,19	60	
16	51/51	55		37		0,24			
17	65								
18	59/59	85		11		1,26			
19	56/56	74		17		0,89			
20	56/56	77		13		1,11			
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
Count	11/9	9		9		9		1	
Median	56/56	74		17		0,91		60	

Absorption Data

Method: A :

Year: 1979

Month: III

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48' E

Frequency: MHz 2.2 MHz

Geomagnetic latitude: 36°30'

longitude: 122°12'

Date	L (dB) noon meas. /calc.	L(cos χ =1) a. m. /p. m. mean (dB)	L(cos χ =0.2) a. m. /p. m. mean (dB)	exponent n a. m. /p. m. mean	τ (min.)	Notes
1	56/56	78	20	0.82		
2						
3						
4						
5						
6						
7						
8						
9						
10	51					
11	59/59	75	23	0.74		
12	49/50	54	36	0.25		
13	56/52	68	18	0.80		
14	50/50	56	32	0.35		
15	53/56	66	27	0.57		
16	59					
17	59/58	84	10	1.29		
18	53/56	64	30	0.46		
19	56/56	84	9	1.37		
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
Count	11/9	9	9	9		
Median	56/56	68	23	0.74		

Absorption Data

Method: A 1

Year: 1979

Month: IV

Station (circuit): Tbilissi

Geographic latitude: 41°41'N

longitude: 44°48'E

Frequency: MHz 1.7

Geomagnetic latitude: 36°30'

longitude: 122°12'

Date	L (dB) noon meas. /calc.	L(cos χ =1)		L(cos χ =0.2)		exponent n		τ (min.)	Notes
		a. m. mean (dB)	/p. m. (dB)	a. m. mean (dB)	/p. m. (dB)	a. m. mean	/p. m. mean		
1									
2	50/50	54		30		0,37			
3									
4	56/59	66		31		0,47			
5	65/60	73		14		1,03			
6									
7									
8									
9									
10									
11	65/								
12	53/53	60		17		0,70			
13	56/56	61		23		0,59			
14	/56	80		2		2,19			
15									
16	52/								
17	56/55	57		26		0,49			
18	52/52	55		30		0,38			
19	53/55	60		22		0,62			
20									
21									
22									
23									
24	55/56	62		23		0,70			
25	54/52	54		31		0,33			
26	56/62	72		10		1,20			
27									
28	/56	60		19		0,72			
29									
30									
31									
Count	13/13	13		13		13			
Median	55/56	60		23		0,70			

Absorption Data Method: A 3 Year: **1979** Month: **IJ**
 Station (circuit): Tbilissi Geographic latitude: 41°44'N longitude: 44°48'E
 Frequency: MHz **2.2** Geomagnetic latitude: 36°30' longitude: 122°12'

Date	L (dB) noon meas. /calc.	L(cos χ =1) a. m. /p. m. mean (dB)	L(cos χ =0.2) a. m. /p. m. mean (dB)	exponent n a. m. /p. m. mean	τ (min.)	Notes
1						
2	56/55	61	29	0.46		
3						
4	65/62	69	26	0.59		
5	56/56	70	14	1.00		
6						
7						
8						
9						
10						
11	59/					
12	56/56	65	14	0.94		
13	65/60	67	20	0.74		
14	/51	54	26	0.44		
15						
16	51/50	52	33	0.27		
17	54/55	58	27	0.47		
18	56/54	56	42	0.18		
19	51/53	56	23	0.56		
20						
21						
22						
23						
24	51/50	58	14	1.17		
25	53/53	54	39	0.20		
26	59/58	65	13	1.00		
27						
28	56/56	58	32	0.36		
29						
30						
31						
Count	14/14	14.2	14	14		
Median	56	58	26	0.52		

Absorption Data

Method: A 1

Year: 1979

Month: 7

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 1.7

Geomagnetic latitude: 36°30'

longitude: 122°12'

Date	L (dB) noon meas. /calc.	L(cos χ = 1) a. m. /p. m. mean (dB)		L(cos χ = 0.2) a. m. /p. m. mean (dB)		exponent n a. m. /p. m. mean		τ (min.)	Notes
1									
2									
3									
4	59/								
5									
6									
7	60/60	82		0.4		3.37			
8	53/54	56		23		0.56			
9									
10	54/56	64		3		2.00			
11	60/55	56		30		0.39			
12									
13									
14	56/56	58		35		0.30			
15	47/								
16	53/55	58		22		0.60			
17	60/60	64		17		0.80			
18	60/66	62		18		0.86			
19									
20									
21									
22	56/56	57		30		0.39			
23	53/59	68		2		2.18			
24	47/47	47		30		0.27			
25	66/66	68		21		0.72			
26									
27									
28	50/51	53		22		0.56			
29	/51	52		28		0.37			
30	54/54	56		10		1.04			
31	54/58	61		16		0.80			
Count	17/16	16		16		16			
Median	54/56	58		22		0.83			

Absorption Data

Method: A 1

Year: 1979

Month: V

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 2.2

Geomagnetic latitude: 36°30'

longitude: 122°12'

Date	L (dB)		L(cos χ =1)		L(cos χ =0.2)		exponent n		τ (min.)	Notes
	noon meas.	/calc.	a. m. mean	/p. m. (dB)	a. m. mean	/p. m. (dB)	a. m. mean	/p. m. mean		
1										
2										
3										
4		59/								
5										
6										
7		59/58		68		4		1.93		
8		54/55		56		33		0.33		
9										
10		59/58		59		31		0.39		
11		56/58		59		32		0.37		
12										
13										
14		52/52		57		5		1.47		
15		54/								
16		56/55		56		38		0.25		
17		53/54		55		42		0.16		
18		59/59		60		33		0.36		
19										
20										
21										
22		66/59		60		28		0.49		
23		54/55		59		7		1.36		
24		46/48		49		35		0.21		
25		56/56		58		27		0.47		
26										
27										
28		51/54		55		38		0.41		
29		56/56		57		31		0.38		
30										
31		59/60		61		26		0.52		
Count		17/15		15		15		15		
Median		56/56		58		31		0.39		

Absorption Data

Method: A 3

Year:

1979

Month:

VI

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz

1.7

Geomagnetic latitude: 36°30'

longitnde: 129°12'

Date	L (dB)		L(cos χ =1)		L(cos χ =0,2)		exponent n		τ (min.)	Notes
	noon meas.	/calc.	a. m. mean	/p. m. (dB)	a. m. mean	/p. m. (dB)	a. m. mean	/p. m. mean		
1										
2										
3										
4										
5										
6		/51	52		30		0,34			
7										
8										
9										
10										
11		60/58	60		16		0,81			
12		59/59	60		20		0,69			
13		59/58	60		21		0,63			
14										
15		56/56	60		5		1,50			
16										
17										
18		50/56	58		25		0,52			
19		52/52	54		16		0,77			
20		50/50	50		23		0,50			
21		48/50	51		16		0,73			
22		50/53	53		35		0,26			
23										
24										
25		59/59	60		31		0,40			
26		56/53	53		24		0,51			
27		45/45	46		23		0,44			
28										
29										
30										
31										
Count										
Median	12/13		13		13		13			
	54/53		54		23		0,52			

Absorption Data

Method: A 1

Year: 1979

Month: II

Station (circuit): Tbilissi

Geographic latitude: 41°41'N

longitude: 44°48'E

Frequency: MHz 2.2

Geomagnetic latitude: 36°30'

longitude: 122°12'

Date	L (dB)	L(cos χ =1)		L(cos χ =0.2)		exponent n		τ (min.)	Notes
	noon meas. /calc.	a. m. mean	/p. m. (dB)	a. m. mean	/p. m. (dB)	a. m.	/p. m. mean		
1									
2									
3									
4	56/54	56		10		1.08			
5	59/58	60		26		0.52			
6	51/54	54		29		0.37			
7									
8									
9									
10									
11	60/60	61		44		0.21			
12	59/59	60		31		0.39			
13	65/64	66		14		1.10			
14									
15	56/62	67		2		2.41			
16									
17									
18	59/57	58		40		0.23			
19	56/56	58		22		0.59			
20	54/53	54		30		0.36			
21	54/54	56		13		0.88			
22	60/67	58		21		0.62			
23									
24									
25	65/66	68		14		0.97			
26	66/60	60		20		0.68			
27	54/53	54		24		0.51			
28									
29									
30									
31									
Count	15	15		15		15			
Median	59/58	58		22		0.59			

Absorption Data

Method: A :

Year: **1979**

Month: **VI**

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz **I.7**

Geomagnetic latitude: 36°30'

longitude: 123°12'

Date	L (dB) noon meas. /calc.	L(cos χ =1)		L(cos χ =0.2)		exponent n		τ (min.)	Notes
		a. m. mean (dB)	/p. m. (dB)	a. m. mean (dB)	/p. m. (dB)	a. m. mean	/p. m. mean		
1	60/58	60		18		0.74			
2	54/56	56		34		0.30			
3	56/64	66		12		1.09			
4	/55	56		31		0.36			
5	60/59	60		22		0.62			
6	/53	54		26		0.46			
7	56/56	60		4		1.61			
8									
9	65/58	58		39		0.25			
10	56/59	60		41		0.24			
11	60/61	61		39		0.28			
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30	51/52	57		6		1.38			
31									
Count	9/11	11		11		11			
Median	56/58	60		26		0.46			

Absorption Data

Method: A 1

Year: 1979

Month: **М**

Station (circuit): Thilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz **2.2**

Geomagnetic latitude: 36°30'

longitude: 122°12'

Date	L (dB) noon meas. /calc.	L(cosχ = 1)		L(cosχ = 0.2)		exponent n a. m. /p. m. mean	τ (min.)	Notes
		a. m. mean	/p. m. (dB)	a. m. mean	/p. m. (dB)			
1	65/63	66		19		0.77		
2	56/58	60		30		0.41		
3	59/64	66		24		0.62		
4	65/60	60		31		0.40		
5	59/59	60		24		0.56		
6	56/56	56		46		0.12		
7	/60	64		12		1.06		
8								
9	59/58	58		41		0.21		
10	59/62	62		34		0.37		
11	53/56	57		39		0.24		
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30	56/56	60		11		1.04		
31								
Count	10/11	11		11		11		
Median	59/60	60		30		0.41		

Absorption Data

Method: A :

Year: 1979

Month: IX

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 1.7

Geomagnetic latitude: 36°30'

longitude: 122°12'

Date	L (dB)		L(cos χ = 1)		L(cos χ = 0.2)		exponent n		τ (min.)	Notes
	noon meas. /calc.		a. m. /p. m. mean (dB)		a. m. /p. m. mean (dB)		a. m. /p. m. mean			
1										
2										
3	56/									
4	56/55		56		42		0.18			
5										
6										
7	60/61		70		21		0.75			
8										
9										
10										
11	54/59		78		9		1.49			
12										
13										
14										
15										
16										
17	51/									
18										
19										
20										
21	59/60		100		5		1.81			
22	/64		100		7		1.63			
23	59/58		62		41		0.26			
24	56/56		62		34		0.38			
25	59/59		80		13		1.12			
26	52/52		76		11		1.21			
27	51/53		62		27		0.51			
28	50/48		64		15		0.89			
29	51/52		65		20		0.75			
30										
31										
Count	13/12		12		12		12			
Median	56/57		68		18		0.82			

Absorption Data

Method: A 1

Year: 1979

Month: IX

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 2.2

Geomagnetic latitude: 36°30'

longitude: 122°12'

Date	L (dB)		L(cos χ =1)		L(cos χ =0.2)		exponent n		τ (min.)	Notes
	noon meas. /calc.		a. m. /p. m. mean (dB)		a. m. /p. m. mean (dB)		a. m. /p. m. mean			
1										
2										
3	59/									
4	49/55		62		22		0.65			
5										
6										
7	54/57		64		25		0.59			
8										
9										
10										
11	56/57		72		II		I.15			
12										
13										
14										
15										
16										
17	66/66		101		4		I.43			
18										
19										
20										
21	51/60		101		3		2.29			
22	65/65		90		12		I.26			
23	59/59		64		40		0.29			
24	51/56		62		31		0.43			
25	59/59		74		20		0.81			
26	59/59		79		16		0.98			
27	53/52		60		28		0.46			
28	53/56		66		27		0.55			
29	53/52		62		27		0.52			
30										
31										
Count	14/13		13		13		13			
Median	55/58		66		22		0.65			