

Absorption Data

Method: A 1

Year: 1974

Month: I

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 1,7

Geomagnetic latitude: 86°30'

longitude: 123°12'

Date	L (dB)	L(cosχ=1)		L(cosχ=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 (dB)	a. m. /p. m. mean				
1									
2									
3									
4									
5									
6									
7	62/64	200	23			1,35			
8									
9									
10	36/38	52	29			0,37			
11	45/46	54	39			0,2			
12									
13									
14									
15	33/43	74	25			0,68			
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
Count	4	4	4	4	4				
Median	41/45	64	27		0,52				

Absorption Data

Method: A 1

Year: 1974

Month: I

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 $\chi$ =1) a. m. /p. m. mean (dB)	L(cos $\chi$ =0,2) a. m. /p. m. mean (dB)	exponent n a. m. /p. m. mean	$\tau$ (min.)	Notes
	1					
2						
3						
4						
5						
6						
7	72/68	150	32	0,95		
8	70/69	150	34	0,90		
9						
10	47/62	140	29	0,98		
11	46/50	68	38	0,37		
12						
13						
14						
15	43/42	60	30	0,42		
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
Count	5	5	5	5		
Median	47/62	140	32	0,90		

Absorption Data

Method: A 1

Year: 1974

Month: H

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 1.7

Geomagnetic latitude: 36°30'

longitude: 123°12'

Date	L (dB) noon meas. /calc.	L(cos $\chi$ =1) a. m. /p. m. mean (dB)		L(cos $\chi$ =0.2) a. m. /p. m. mean (dB)		exponent n a. m. /p. m. mean			$\tau$ (min.)	Notes	
1											
2											
3											
4											
5											
6	42/44		60		27		0,49				
7	37/38		64		17		0,83				
8	46/48		62		30		0,45				
9											
10											
11	52/52		140		10		10				
12	51/50		76		25		0,7				
13	38/39	70	58	54	10	20	27	1,2	0,68	0,42	60
14	52/52		77			26			0,66		
15											
16											
17											
18	44/44		62			22			0,66		
19	50/50		90			16			1,07		
20	41/43	75	52	47	12	28	37	1,15	0,4	0,14	80
21											
22											
23											
24											
25	44/46		55			30			0,37		
26	46/48		58			28			0,44		
27											
28	50/42		59			17			0,76		
29											
30											
31											
Count	13	13	13	13	13	13	13	13			
Median	46/46	62	25	25	25	25	25	0,66			70

Absorption Data

Method: A 1

Year: 1974

Month: II

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 $\chi$ =1)		L(cos $\chi$ =0,2)		exponent n			$\tau$ (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											
5											
6	44/44		50		37				0,18		
7	42/44		72		20				0,8		
8	47/49		58		37				0,28		
9											
10											
11	45/44		110		10				1,49		
12	39/38		42		32				0,16		
13	46/47	200	76	60	3	21	31	2,6	0,87	0,41	60
14	54/53		68			33			0,45		
15											
16											
17											
18	48/48		60		29				0,45		
19	47/45		52		31				0,31		
20	52/53	120	72	60	37	25	10	1,52	0,65	0,28	45
21											
22											
23											
24											
25	50/50		60		32				0,39		
26	55/55		70		30				0,52		
27											
28	41/47		66		19				0,77		
29											
30											
31											
Count	13		13		13				13		
Median	47/47		66		30				0,45		52

Absorption Data

Method: A 1

Year: 1974

Month: 03

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 $\chi$ =1)		L(cos $\chi$ =0.2)		exponent n			$\tau$ (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											
4	34/36		47		16		0.65				
5	52/49		88		8		1.49				
6	42/47		82 73 68		6 13 20		1.65 1.08 0.76		45		
7											
8											
9											
10											
11	35/40		68		6		1.5				
12											
13											
14	45/43		57		15		0.83				
15											
16											
17											
18											
19	43/43		56		12		0.94				
20											
21	42/41		48		19		0.57				
22											
23											
24											
25											
26											
27											
28	44/44		63		6		1.47				
29											
30											
31											
Count	8		8		8		8				
Median	43/43		60		13		1.01		45		

Absorption Data

Method: A 1

Year: 1974

Month: 03

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 2.2

Geomagnetic latitude: 36°30'

longitude: 123°12'

Date	L (dB)	L(cos $\chi$ =1)		L(cos $\chi$ =0,2)		exponent n		$\tau$ (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	42/46		57		23		0,55		
5	50/49		74		14		1,05		
6	42/43		54		20		0,61		
7									
8									
9									
10									
11	33/40		88		3		2,2		
12									
13									
14	48/55		70		22		0,71		
15									
16									
17									
18									
19	46/48		56		25		0,49		
20									
21	38/40		46		21		0,48		
22									
23									
24									
25									
26									
27									
28	45/46		55		7		0,72		
29									
30									
31									
Count	8	8	8	8	8	8	8		
Median	44/46	57	21	0,66					

Absorption Data

Method: A 1

Year **1974**Month **IV**

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 $\chi$ =1)		L(cos $\chi$ =0.2)		exponent n		$\tau$ (min.)	Notes
	noon meas.	/calc.	a. m. mean	/p. m. (dB)	a. m. mean	/p. m. (dB)	a. m. mean	/p. m. mean		
1	<b>43/45</b>		<b>54</b>		<b>15</b>		<b>0.82</b>			
2	<b>41/44</b>		<b>57</b>		<b>8</b>		<b>1.21</b>			
3	<b>42/44</b>		<b>54</b>		<b>12</b>		<b>0.95</b>			
4										
5										
6										
7										
8										
9	<b>40/41</b>		<b>46</b>		<b>18</b>		<b>0.6</b>			
10	<b>48/48</b>		<b>55</b>		<b>16</b>		<b>0.75</b>			
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
Count	<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>			
Median	<b>42/44</b>		<b>54</b>		<b>15</b>		<b>0.82</b>			

Absorption Data

Method: A 1

Year: 1974

Month: IV

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 $\chi$ =1)		L(cos $\chi$ =0.2)		exponent n		$\tau$ (min.)	Notes
	noon meas. /calc.		a. m. /p. m. mean (dB)		a. m. /p. m. mean (dB)		a. m. /p. m. mean			
1	43/48		56		20		0,62			
2	47/48		58		13		0,89			
3	39/44		49		21		0,51			
4										
5										
6										
7										
8										
9	39/44		52		14		0,8			
10	52/52		56		21		0,6			
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
Count	5		5		5		5			
Median	43/48		56		20		0,62			



Absorption Data

Method: A 1

Year 1974

Month: Y

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 $\chi$ =1)		L(cos $\chi$ =0.2)		exponent n		$\tau$ (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									
7									
8									
9									
10									
11									
12									
13									
14	47/49	52		13		0,85			
15	51/53	57		12		0,99			
16	51/51	55		11		0,99			
17									
18									
19									
20	49/48	49		26		0,39			
21	49/49	50		30		0,32			
22	42/44	47		13		0,79			
23	50/49	52		10		1,0			
24									
25									
26									
27	50/52	55		12		0,93			
28	53/51	53		17		0,71			
29									
30	51/56	59		14		0,88			
31									
Count	10	10		10		10			
Median	50/50	53		13		0,87			

Absorption Data

Method: A :

Year: 1974

Month: 7

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 $\chi$ =1) a. m. /p. m. mean (dB)	L(cos $\chi$ =0.2) a. m. /p. m. mean (dB)	exponent n a. m. /p. m. mean	$\tau$ (min.)	Notes
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14	52/52	55	17	0.73		
15	53/56	60	14	0.87		
16	52/53	56	12	0.97		
17						
18						
19						
20	54/56	59	10	1.08		
21	50/52	54	17	0.7		
22	50/52	56	10	1.07		
23	52/52	58	5	1.61		
24						
25						
26						
27	51/54	57	12	1.0		
28	53/53	54	26	0.47		
29						
30	55/58	60	20	0.68		
31						
Count	10	10	10	10		
Median	52/53	57	13	0.92		

Absorption Data

Method: A 1

Year: 1974

Month: VI

Station (circuit): Thilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz

1.7

Geomagnetic latitude: 36°30'

longitude: 129°12'

Date	L (dB) noon meas. /calc.	L(cos $\chi$ =1) a. m. /p. m. mean (dB)	L(cos $\chi$ =0.2) a. m. /p. m. mean (dB)	exponent n a. m. /p. m. mean	$\tau$ (min.)	Notes
1						
2						
3						
4	52/53	55	25	0,48		
5	50/49	51	21	0,55		
6	50/50	52	20	0,59		
7						
8						
9						
10						
11	45/47	48	23	0,46		
12	52/46	47	30	0,28		
13	48/52	54	13	0,88		
14						
15						
16						
17	49/47	50	12	0,90		
18	47/47	49	16	0,69		
19	50/51	54	11	1,0		
20	47/47	49	23	0,48		
21						
22						
23						
24						
25	48/48	52	12	0,88		
26						
27						
28						
29						
30						
31						
Count	11	11	11	11		
Median	49/48	52	20	0,59		

Absorption Data

Method: A 1

Year: 1974

Month: VI

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 2.2

Geomagnetic latitude: 36°30'

longitude: 199°12'

Date	L (dB) noon meas. /calc.	L(cosχ=1)		L(cosχ=0.2)		exponent n			τ (min.)	Notes	
		a. m. mean (dB)	/p. m. (dB)	a. m. mean (dB)	/p. m. (dB)	a. m.	/p. m.	mean			
1											
2											
3											
4	55/55		57		21			0,6			
5	51/56		58		17			0,75			
6	51/54		56		21			0,59			
7											
8											
9											
10											
11	48/49		50		29			0,32			
12	53/53		54		30			0,36			
13	53/53		55		14			0,83			
14											
15											
16											
17	49/50	52	52	52	8	14	22	1,22	0,81	0,54	55
18	54/53		55			21			0,59		
19	53/53		55			12			0,92		
20	52/51		53			19			0,63		
21											
22											
23											
24											
25	51/50		62			19			0,64		
26											
27											
28											
29											
30											
31											
Count	II		II			II		II			
Median	52/53		55			19		0,63		55	

Absorption Data

Method: A 1

Year: 1974

Month: VII

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 $\chi$ =1) a. m. /p. m. mean (dB)	L(cos $\chi$ =0,2) a. m. /p. m. mean (dB)	exponent n a. m. /p. m. mean	$\tau$ (min.)	Notes
	1	52/52	54	12	1,03	
2	57/46	47	31	0,25		
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
Count	2	2	2	2		
Median	55/49	50	22	0,64		

Absorption Data      Method: A 1      Year: **1974**      Month: **VII**  
 Station (circuit): Tbilissi      Geographic latitude: 41°44'N      longitude: 44°48'E  
 Frequency: MHz **2,2**      Geomagnetic latitude: 36°30'      longitude: 123°12'

Date	L (dB) noon meas. /calc.	L(cosχ=1)		L(cosχ=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	<b>53/54</b>	<b>58</b>		<b>8</b>		<b>1,24</b>			
2	<b>39/52</b>	<b>53</b>		<b>30</b>		<b>0,34</b>			
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
Count	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>			
Median	<b>46/53</b>	<b>56</b>	<b>19</b>	<b>0,79</b>					

Absorption Data

Method: A 1

Year: 1974

month: I

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 2,2

Geomagnetic latitude: 96°30'

longitude: 192°12'

Date	L (dB) noou meas. /calc.	L(cos $\chi$ =1) a. m. /p. m. mean (dB)	L(cos $\chi$ =0.2) a. m. /p. m. mean (dB)	exponent n a. m. /p. m. mean	$\tau$ (min.)	Notes
1	50/45	64	12	1.01		
2	44/43	53	18	0.64		
3						
4						
5						
6						
7						
8	47/48	58	23	0.58		
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
Count	3	3	3	3		
Median	47/45	58	18	0.64		

Absorption Data

Method: A 1

Year: 1974

Month: XI

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 $\chi$ =1)		L(cos $\chi$ =0.2)		exponent n			$\tau$ (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											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15	53/53		102		20			1.1			
16											
17											
18											
19	38/35		52		22			0.53			
20	49/49		101		20			1.06			
21	41/43		105 70 53		13 24 40			1.3 0.67 0.19	90		
22											
23											
24											
25	37/40		60		25			0.55			
26	40/36		56		23			0.55			
27	39/35		54		21			0.57			
28	50/50		96 81 69		20 28 41			0.98 0.67 0.33	60		
29											
30											
31											
Count	8		8		8			8			
Median	41/42		65		23			0.62	75		



Absorption Data

Method: A 1

Year: 1974

Month: XI

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 $\chi$ =1)		L(cos $\chi$ =0,2)		exponent n			$\tau$ (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													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15	44/48		I25	I50	IOI	5	II	I9	24	I,64	I,07	35	
16													
17													
18													
19	30/32			68				12			I,08		
20	40/40			66				2			0,69		
21	35/34		60	50	44	I6	22	27		0,83	0,52	0,3	50
22													
23													
24													
25	29/29			50				9			0,72		
26	32/32			84				2			I,2		
27	25/29		54	43	38	5	20	23		0,77	0,49	0,33	30
28	38/39			I30				I3			I,23		
29													
30													
31													
Count	8		8					8			8		
Median	33/33		67					I2		0,9		58	

Absorption Data

Method: A 1

Year: 1974

Month: XII

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 2.2

Geomagnetic latitude: 36°30'

longitude: 123°12'

Date	L (dB) noon meas. /calc.	L(cos $\chi$ =1)		L(cos $\chi$ =0.2)		exponent n a. m. /p. m. mean	$\tau$ (min.)	Notes
		a. m. mean	/p. m. (dB)	a. m. mean	/p. m. (dB)			
1								
2	49/50	75		34		0.49		
3	42/41	56		30		0.39		
4	39/40	56		29		0.40		
5								
6								
7								
8								
9	36/36	45		29		0.27		
10	36/37	67		21		0.70		
11	29/28	44		19		0.51		
12	38/45	57		36		0.28		
13								
14								
15								
16	53/56	90		37		0.55		
17	54/49	101		25		0.90		
18								
19	38/38	85		19		0.93		
20								
21								
22								
23	38/40	89		21		0.90		
24	39/37	72		23		0.76		
25								
26	46/46	58		38		0.26		
27								
28								
29								
30	48/50	63		40		0.28		
31								
Count	14	14		14		14		
Median	39/41	65		29		0.5		

Absorption Data

Method: A 1

Year: 1974

Month: XII

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 1.7

Geomagnetic latitude: 36°30'

longitude: 123°12'

Date	L (dB) noon meas. /calc.	L(cos $\chi$ =1)		L(cos $\chi$ =0.2)		exponent n		$\tau$ (min.)	Notes
		a. m. mean	/p. m. (dB)	a. m. mean	/p. m. (dB)	a. m. mean	/p. m. mean		
1									
2	62/60	65		55		0,10			
3	56/56	102 <sup>80</sup>	69	27 <sup>40</sup>	46	0,91	0,42	0,25	35
4	55/54	64		46		0,21			
5									
6									
7									
8									
9	40/40	49		34		0,24			
10	37/40	60		28		0,49			
11									
12	50/49	55		44		0,15			
13									
14									
15									
16									
17	50/50	99		29		0,75			
18									
19	50/52	104		23		1,08			
20									
21									
22									
23	41/44	61		33		0,37			
24	41/38	53		28		0,38			
25									
26									
27									
28									
29									
30									
31									
Count	10	10		10		10			
Median	50/50	63		34		0,38		35	