

**Absorption Data**

Method: A 1

Year: **1976**

Month: **II**

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz **L<sub>7</sub>**

Geomagnetic latitude: 36°30'

longitude: 129°12'

Date	L (dB) noon meas. /calc.	L(cosχ=1)		L(cosχ=0.2)		exponent n		τ (min.)	Notes
		a. m. mean	/p. m. (dB)	a. m. mean	/p. m. (dB)	a. m. mean	/p. m. mean		
1									
2	<b>35/36</b>		<b>47</b>		<b>24</b>		<b>0.52</b>		
3	<b>33/34</b>		<b>45</b>		<b>23</b>		<b>0.4</b>		
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23	<b>49/52</b>		<b>67</b>		<b>28</b>		<b>0.54</b>		
24	<b>42/42</b>		<b>72</b>		<b>12</b>		<b>1.09</b>		
25									
26									
27									
28									
29									
30									
31									
Count Median	<b>4</b> <b>39/39</b>	<b>4</b> <b>57</b>	<b>4</b> <b>24</b>	<b>4</b> <b>0.53</b>					

Absorption Data

Method: A 1

Year: 1976

Month: II

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 2,2

Geomagnetic latitude: 36°30'

longitude: 129°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	34/36		45		26		0,33			
3	34/42		60		28		0,52			
4										
5										
6										
7										
8										
9	33/29		37		21		0,35			
10										
11										
12										
13										
14										
15										
16	46/46		59		30		0,42			
17										
18										
19										
20										
21										
22										
23	41/47		57		31		0,27			
24	41/41		66		14		0,68			
25										
26										
27										
28										
29										
30										
31										
Count	6		6		6		6			
Median	38/41		58		26		0,39			

Absorption Data

Method: A 1

Year: 1976

Month: 7

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)		L(cosχ=1)		L(cosχ=0.2)		exponent n		τ (min.)	Notes
	noon meas. /calc.		a. m. mean (dB)	/p. m.	a. m. mean (dB)	/p. m.	a. m. mean	/p. m.		
1										
2										
3	43/44		48		11		0.91			
4										
5	41/41		43		16		0.62			
6	35/36		41		22		0.38			
7										
8										
9										
10										
11	47/48		52		12		0.88			
12										
13	46/43		46		20		0.52			
14										
15										
16										
17	38/44		46		19		0.53			
18	49/49		52		14		0.85			
19	45/46		47		23		0.44			
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
Count	8		8		8		8			
Median	44/44		47		17		0.53			

Absorption Data

Method: A 1

Year: 1976

Month: 7

Station (circuit): Tbilisi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 2.2

Geomagnetic latitude: 36°30'

longitude: 193°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	47/48	57	4	1.67		
4						
5						
6	46/44	46	16	0.66		
7						
8						
9						
10	48/47	49	26	0.38		
11	50/50	52	16	0.75		
12						
13	43/47	49	21	0.51		
14						
15						
16						
17						
18	51/53	53	9	1.17		
19	48/48	48	31	0.27		
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
Count Median	7 48/48	7 49	7 16	7 0.66		

**Absorption Data**

Method: A 1

Year **1976**

Month: **VI**

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(cosχ=1) a. m. /p. m. mean (dB)		L(cosχ=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	<b>44/44</b>		<b>46</b>	<b>15</b>		<b>0.71</b>			
8	<b>42/41</b>		<b>44</b>	<b>6</b>		<b>1.2</b>			
9	<b>42/40</b>		<b>42</b>	<b>9</b>		<b>0.24</b>			
10	<b>45/45</b>		<b>46</b>	<b>21</b>		<b>0.5</b>			
11									
12									
13									
14	<b>45/44</b>		<b>45</b>	<b>19</b>		<b>0.56</b>			
15	<b>51/51</b>		<b>53</b>	<b>20</b>		<b>0.6</b>			
16									
17	<b>46/48</b>		<b>51</b>	<b>8</b>		<b>1.12</b>			
18									
19									
20									
21									
22	<b>42/45</b>		<b>46</b>	<b>20</b>		<b>0.53</b>			
23	<b>49/51</b>		<b>56</b>	<b>3</b>		<b>1.83</b>			
24									
25									
26									
27									
28	<b>48/49</b>		<b>50</b>	<b>29</b>		<b>0.34</b>			
29									
30									
31									
Count	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>				
Median	<b>45/45</b>	<b>46</b>	<b>17</b>	<b>0.57</b>					

Absorption Data

Method: A 1

Year: 1976

Month: VI

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. mean	/p. m. mean		
1										
2										
3										
4										
5										
6										
7	44/43		44		17		0,6			
8	40/43		44		12		0,79			
9										
10	47/49		51		13		0,83			
11										
12										
13										
14	46/46		47		35		0,18			
15	52/52		54		15		0,8			
16	51/51		54		16		0,74			
17	48/47		49		17		0,64			
18										
19										
20										
21										
22	45/48		50		9		1,07			
23										
24										
25										
26										
27										
28										
29										
30										
31										
Count	8		8		8		8			
Median	46/47		49		16		0,77			

Absorption Data

Method: A 1

Year: 1976

Month VII

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 1.7

Geomagnetic latitude: 36°30'

longitude: 199°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											
16											
17											
18											
19	50/45	56	50	47	1	9	20	2,1	1,18	0,54	45
20	46/46		49			8			1,14		
21	47/47		52			6			1,32		
22	46/46		50			5			1,14		
23											
24											
25											
26	46/44	47	47	47	2	10	18	1,91	1,27	0,59	60
27	41/41		44			18			0,54		
28	44/45		51			4			1,67		
29	43/44		53			1			2,66		
30											
31											
Count	8		8			8		8			
Median	46/45		50			7		1,22		52	

Absorption Data      Method: A 1      Year: **1976**      Month: **JU**  
 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		$\tau$ (min.)	Notes
		a. m.	/p. m. mean (dB)	a. m.	/p. m. mean (dB)	a. m.	/p. m. mean		
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19	<b>47/46</b>		<b>47</b>		<b>24</b>		<b>0.42</b>		
20	<b>45/45</b>		<b>50</b>		<b>9</b>		<b>1.06</b>		
21	<b>49/50</b>		<b>56</b>		<b>4</b>		<b>1.61</b>		
22	<b>47/47</b>		<b>50</b>		<b>11</b>		<b>0.93</b>		
23									
24									
25									
26	<b>46/44</b>		<b>45</b>		<b>29</b>		<b>0.27</b>		
27	<b>44/44</b>		<b>48</b>		<b>14</b>		<b>0.76</b>		
28	<b>43/43</b>		<b>49</b>		<b>4</b>		<b>1.56</b>		
29	<b>43/45</b>		<b>100</b>		<b>0.001</b>		<b>8.35</b>		
30									
31									
Count	<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		
Median	<b>45/45</b>		<b>50</b>		<b>10</b>		<b>1.0</b>		



Absorption Data

Method: A 1

Year: 1976

Month: Jul

Station (circuit): Thilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 1.7

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	50/52		62		2		2.26			
3	49/49		52		10		1.05			
4	43/45		48		11		0.91			
5										
6										
7										
8										
9										
10	48/48		56		5		1.47			
11	46/46		50		9		1.06			
12	48/48		56		5		1.6			
13										
14										
15										
16										
17	44/44		47		20		0.53			
18	41/47		52		9		1.09			
19										
20										
21										
22										
23	41/41		54		22		2.03			
24	41/40		47		7		1.22			
25										
26										
27										
28										
29	43/43		48		18		0.62			
30	42/43		47		15		0.75			
31										
Count	12		12		12		12			
Median	44/45		51		10		1.07			

Absorption Data

Method: A 1

Year: 1976

Month: VII

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										
2	47/49		53		7		1,24			
3	47/47		52		14		0,8			
4	43/43		48		8		1,16			
5										
6										
7										
8										
9										
10	49/50		56		12		0,91			
11	46/46		58		3		2,03			
12	50/48		54		6		0,75			
13										
14										
15										
16										
17	47/47		51		16		0,72			
18	46/46		52		8		1,16			
19										
20										
21										
22										
23	44/44		55		5		1,55			
24	42/45		64		1		2,67			
25										
26										
27										
28										
29	43/42		57		4		1,78			
30	45/45		60		4		1,77			
31										
Count	12		12		12		12			
Median	46/46		55		7		1,2			

Absorption Data

Method: A 1

Year: 1976

Month: IX

Station (circuit): Tbilissi

Geographic latitude: 41°14'N

longitude: 44°48'E

Frequency: MHz 1.7

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	39/42		49		13		0.83			
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21	36/36		62		9		2.02			
22										
23	42/45		67		8		1.37			
24										
25										
26										
27										
28										
29										
30										
31										
Count	3		3		3		3			
Median	39/42		62		8		1.37			

Absorption Data

Method: A 1

Year: 1976

Month: II

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 mens. /calc.		a. m. /p. m. mean (dB)		a. m. /p. m. mean (dB)		a. m. /p. m. mean			
1										
2	43/44		48		25		0.4			
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21	44/44		79		3		2.17			
22										
23	52/52		96		3		2.2			
24										
25										
26										
27										
28										
29										
30										
31										
Count	3		3		3		3			
Median	44/44		79		3		2.17			

Absorption Data

Method: A 1

Year: 1976

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 $\chi$ = 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										
5	39/39		51		7		1,21			
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25	40/40		46		10		0,67			
26	41/41		47		10		0,64			
27										
28										
29										
30										
31										
Count	3		3		3		3			
Median	40/40		47		10		0,67			

Absorption Data

Method: A 1

Year: 1976

Month: X

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										
2										
3										
4										
5	/45		51		18		0.63			
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25	37/39		46		6		1.29			
26	/42		45		19		0.54			
27										
28										
29										
30										
31										
Count	3		3		3		3			
Median	37/42		46		18		0.63			

Absorption Data

Method: A 1

Year: 1976

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. mean	/p. m. mean		
1									
2	44/42	61		21		0,65			
3	40/40	46		30		0,26			
4	44/44	98		13		1,24			
5									
6									
7									
8									
9	41/41	59		23		0,58			
10	33/36	39		31		0,13			
11	35/41	90		13		1,21			
12									
13									
14									
15	33/34	38		30		0,13			
16	36/36	56		23		0,55			
17	51/50	72		31		0,51			
18									
19									
20									
21									
22	43/45	73		24		0,7			
23	43/41	60		27		0,49			
24									
25									
26									
27									
28									
29	52/56	96		31		0,7			
30									
31									
Count	12	12		12		12			
Median	42/41	61		25		0,57			

Absorption Data

Method: A 1

Year: 1976

Month: XI

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. /p. m. mean (dB)		a. m. /p. m. mean (dB)		a. m. /p. m. mean			
1										
2	38/38		46		28		0,3I			
3	38/40		5I		27		0,39			
4	35/42		74		20		0,8I			
5										
6										
7										
8										
9	43/38		43		3I		0,2I			
10	37/42		52		30		0,32			
11	35/46		I90		6		2,I5			
12										
13										
14										
15	36/36		38		34		0,07			
16	39/4I		48		33		0,22			
17	48/48		55		42		0,I7			
18										
19										
20										
21										
22	4I/44		I02		I7		I,I			
23	49/5I		86		26		0,74			
24										
25										
26										
27										
28										
29	48/48		70		33		0,46			
30										
31										
Count	I2		I2		I2		I2			
Median	39/42		54		29		0,35			



Absorption Data

Method: A 1

Year 1976

Month: XII

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 1.7

Geomagnetic latitude: 36°30'

longitude: 133°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	39	37	57		24		0,53			
2	31	31	39		25		0,27			
3										
4										
5										
6	54	54	94		34		0,63			
7										
8										
9	34	36	58		23		0,56			
10										
11										
12										
13	34	39	65		24		0,6			
14	34	41	62		29		0,47			
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
Count	6		6		6		6			
Median	34/38		60		25		0,55			

Absorption Data

Method: A 1

Year: **1976**

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(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>41/41</b>	<b>72</b>		<b>24</b>		<b>0,67</b>			
2	<b>38/38</b>	<b>50</b>		<b>30</b>		<b>0,31</b>			
3									
4									
5									
6	<b>49/49</b>	<b>63</b>		<b>36</b>		<b>0,35</b>			
7									
8									
9	<b>34/36</b>	<b>58</b>		<b>23</b>		<b>0,56</b>			
10									
11									
12									
13	<b>34/39</b>	<b>65</b>		<b>24</b>		<b>0,6</b>			
14	<b>34/41</b>	<b>62</b>		<b>29</b>		<b>0,47</b>			
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
Count	<b>6</b>	<b>6</b>		<b>6</b>		<b>6</b>			
Median	<b>36/40</b>	<b>62</b>		<b>26</b>		<b>0,51</b>			