

Absorption Data

Method: A 1

Year: 1978

Month: I

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 1.7

Geomagnetic latitude: 86°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 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | 39/38 | 46 | | 31 | | 0,24 | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | 56/55 | 114 | | 42 | | 0,57 | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | 47/50 | 86 | | 32 | | 0,63 | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |
| 21 | | | | | | | | | |
| 22 | | | | | | | | | |
| 23 | | | | | | | | | |
| 24 | 47/44 | 66 | | 29 | | 0,52 | | | |
| 25 | | | | | | | | | |
| 26 | 43/42 | 52 | | 33 | | 0,28 | | | |
| 27 | | | | | | | | | |
| 28 | | | | | | | | | |
| 29 | | | | | | | | | |
| 30 | 43/46 | 76 | | 23 | | 0,74 | | | |
| 31 | | | | | | | | | |
| Count | 6 | 6 | | 6 | | 6 | | | |
| Median | 45/45 | 71 | | 32 | | 0,54 | | | |

Absorption Data

Method: A 1

Year:

Month:

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz 2.2

Geomagnetic latitude: 86°30'

longitude: 123°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 | | | | | | | | | |
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| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | 48/48 | 76 | | 37 | | 0.45 | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | 46/47 | 58 | | 39 | | 0.24 | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |
| 21 | | | | | | | | | |
| 22 | | | | | | | | | |
| 23 | | | | | | | | | |
| 24 | 37/36 | 46 | | 30 | | 0.25 | | | |
| 25 | | | | | | | | | |
| 26 | 40/41 | 62 | | 25 | | 0.56 | | | |
| 27 | | | | | | | | | |
| 28 | | | | | | | | | |
| 29 | | | | | | | | | |
| 30 | | | | | | | | | |
| 31 | | | | | | | | | |
| Count | 4 | 4 | | 4 | | 4 | | | |
| Median | 43/44 | 60 | | 34 | | 0.35 | | | |

Absorption Data

Method: A 1

Year 1978

Month: 03

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: Mhz **I, 7**

Geomagnetic latitude: 36°30'

longitude: 132°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 | | | | | | | | | | |
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| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | 46/45 | | 53 | | 21 | | 0,58 | | | |
| 21 | 48/42 | | 49 | | 22 | | 0,50 | | | |
| 22 | 42/42 | | 51 | | 18 | | 0,62 | | | |
| 23 | 43/42 | | 46 | | 25 | | 0,38 | | | |
| 24 | | | | | | | | | | |
| 25 | | | | | | | | | | |
| 26 | | | | | | | | | | |
| 27 | 51/49 | | 54 | | 24 | | 0,53 | | | |
| 28 | 43/46 | | 56 | | 17 | | 0,74 | | | |
| 29 | 46/49 | | 64 | | 11 | | 0,8 | | | |
| 30 | | | | | | | | | | |
| 31 | | | | | | | | | | |
| Count | 7 | | 7 | | 7 | | 7 | | | |
| Median | 46/45 | | 53 | | 21 | | 0,58 | | | |

Absorption Data

Method: A 1

Year: 1978

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 χ =1) | | L(cos χ =0.2) | | exponent n a. m. / p. m. mean | τ (min.) | Notes |
|--------|-----------------------|------------------|----------------|--------------------|----------------|-------------------------------------|------------------|-------|
| | noon meas. / calc. | a. m. mean | /p. m. (dB) | a. m. mean | /p. m. (dB) | | | |
| 1 | | | | | | | | |
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| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | 44/46 | 53 | | 24 | | 0,48 | | |
| 21 | 42/43 | 49 | | 23 | | 0,47 | | |
| 22 | 42/41 | 45 | | 27 | | 0,31 | | |
| 23 | 44/43 | 52 | | 17 | | 0,71 | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | 43/44 | 56 | | 13 | | 0,63 | | |
| 27 | 46/47 | 56 | | 15 | | 0,74 | | |
| 28 | | | | | | | | |
| 29 | 47/49 | 66 | | 20 | | 0,83 | | |
| 30 | 43/43 | 56 | | 11 | | 0,75 | | |
| 31 | | | | | | | | |
| Count | 8 | 8 | | 8 | | 8 | | |
| Median | 44/44 | 55 | | 19 | | 0,67 | | |

Absorption Data

Method: A 1

Year: 1978

Month: IV

Station (circuit): Tbiljssi

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 | /p. m. (dB) | a. m. mean | /p. m. (dB) | a. m. mean | /p. m. mean | | |
| 1 | | | | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
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| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | 49/48 | | 53 | | I5 | | 0,8 | | | |
| 18 | 52/52 | | 58 | | I8 | | 0,72 | | | |
| 19 | 49/49 | | 65 | | 5 | | I,6 | | | |
| 20 | | | | | | | | | | |
| 21 | 56/54 | | 62 | | I8 | | 0,78 | | | |
| 22 | 52/52 | | 58 | | 34 | | 0,33 | | | |
| 23 | | | | | | | | | | |
| 24 | 42/50 | | 56 | | I2 | | 0,97 | | | |
| 25 | 45/44 | | 56 | | 23 | | 0,56 | | | |
| 26 | | | | | | | | | | |
| 27 | 54/54 | | 62 | | I2 | | I,0 | | | |
| 28 | | | | | | | | | | |
| 29 | | | | | | | | | | |
| 30 | | | | | | | | | | |
| 31 | | | | | | | | | | |
| Count | 8 | | 8 | | 8 | | 8 | | | |
| Median | 51/51 | | 60 | | I6 | | 0,79 | | | |

Absorption Data

Method: A 1

Year: 1978

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) noon meas. /calc. | L(cosχ=1) | | L(cosχ=0,2) | | exponent n | | τ (min.) | Notes |
|--------|--------------------------------|--------------------|--------|--------------------|--------|---------------|--------|-------------|-------|
| | | a. m. mean (dB) | /p. m. | a. m. mean (dB) | /p. m. | a. m. mean | /p. m. | | |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | 56/58 | 64 | | 14 | | 0,9 | | | |
| 18 | 51/51 | 59 | | 13 | | 0,97 | | | |
| 19 | 52/52 | 62 | | 6 | | 1,5 | | | |
| 20 | 52/49 | 66 | | 1 | | 2,4 | | | |
| 21 | 64/64 | 76 | | 5 | | 1,6 | | | |
| 22 | | | | | | | | | |
| 23 | | | | | | | | | |
| 24 | | | | | | | | | |
| 25 | 41/42 | 45 | | 25 | | 0,36 | | | |
| 26 | 56/54 | 56 | | 29 | | 0,4 | | | |
| 27 | 54/60 | 74 | | 5 | | 1,7 | | | |
| 28 | | | | | | | | | |
| 29 | | | | | | | | | |
| 30 | | | | | | | | | |
| 31 | | | | | | | | | |
| Count | 8 | 8 | | 8 | | 8 | | | |
| Median | 53/53 | 63 | | 9 | | 1,23 | | | |

Absorption Data

Method: A 1

Year: 1978

Month: 7

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz

Geomagnetic latitude: 36°30'

longitude: 122°12'

1.7

| Date | L (dB) noon mens. /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 | 50/51 | 53 | | 31 | | 0,32 | | | |
| 4 | 51/51 | 54 | | 21 | | 0,6 | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | 50/52 | 64 | | 3 | | 2,0 | | | |
| 9 | | | | | | | | | |
| 10 | 50/54 | 60 | | 18 | | 0,75 | | | |
| 11 | 61/62 | 64 | | 22 | | 0,65 | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | | | | | | | | | |
| 15 | 56/57 | 58 | | 25 | | 0,52 | | | |
| 16 | 49/54 | 62 | | 15 | | 0,9 | | | |
| 17 | 53/57 | 58 | | 26 | | 0,48 | | | |
| 18 | 53/56 | 56 | | 23 | | 0,54 | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |
| 21 | | | | | | | | | |
| 22 | 58/58 | 64 | | 19 | | 0,8 | | | |
| 23 | 56/56 | 56 | | 34 | | 0,32 | | | |
| 24 | | | | | | | | | |
| 25 | 60/59 | 60 | | 21 | | 0,64 | | | |
| 26 | | | | | | | | | |
| 27 | | | | | | | | | |
| 28 | | | | | | | | | |
| 29 | 53/54 | 54 | | 19 | | 0,65 | | | |
| 30 | 54/54 | 56 | | 11 | | 1,0 | | | |
| 31 | | | | | | | | | |
| Count | 14 | 14 | | 14 | | 14 | | | |
| Median | 53/55 | 58 | | 21 | | 0,65 | | | |

Absorption Data

Method: A 1

Year: 1978

Month: y

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) | | | |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | 53/54 | 54 | | 39 | | 0,21 | | |
| 4 | 56/56 | 62 | | 11 | | 1,0 | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | 60/56 | 60 | | 21 | | 0,65 | | |
| 9 | | | | | | | | |
| 10 | 51/51 | 52 | | 41 | | 0,16 | | |
| 11 | 58/58 | 60 | | 18 | | 0,73 | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | 60/58 | 60 | | 24 | | 0,58 | | |
| 16 | 54/52 | 57 | | 20 | | 0,63 | | |
| 17 | 56/54 | 56 | | 13 | | 0,9 | | |
| 18 | 56/56 | 70 | | 1 | | 2,7 | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |
| 21 | | | | | | | | |
| 22 | 60/60 | 64 | | 14 | | 0,95 | | |
| 23 | 56/56 | 58 | | 21 | | 0,68 | | |
| 24 | | | | | | | | |
| 25 | 54/54 | 56 | | 26 | | 0,45 | | |
| 26 | | | | | | | | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | 53/54 | 56 | | 22 | | 0,58 | | |
| 30 | 58/58 | 58 | | 14 | | 0,9 | | |
| 31 | | | | | | | | |
| Count | 14 | 14 | | 14 | | 14 | | |
| Median | 56/56 | 58 | | 21 | | 0,67 | | |

Absorption Data

Method: A 1

Year: 1978

Month: VI

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 | | | | | | | | | | |
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| 4 | | | | | | | | | | |
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| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | 50/50 | | 50 | | 32 | | 0,27 | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | 54/56 | | 56 | | 38 | | 0,25 | | | |
| 20 | 51/54 | | 54 | | 27 | | 0,42 | | | |
| 21 | 56/56 | | 58 | | 6 | | 1,4 | | | |
| 22 | 54/54 | | 54 | | 33 | | 0,30 | | | |
| 23 | | | | | | | | | | |
| 24 | | | | | | | | | | |
| 25 | | | | | | | | | | |
| 26 | 54/54 | | 54 | | 46 | | 0,13 | | | |
| 27 | 53/53 | | 54 | | 23 | | 0,53 | | | |
| 28 | 56/56 | | 56 | | 42 | | 0,18 | | | |
| 29 | 54/54 | | 54 | | 30 | | 0,36 | | | |
| 30 | 52/52 | | 52 | | 29 | | 0,36 | | | |
| 31 | | | | | | | | | | |
| Count | 10 | | 10 | | 10 | | 10 | | | |
| Median | 54/54 | | 54 | | 31 | | 0,33 | | | |

Absorption Data

Method: A 1

Year: 1978

Month: VI

Station (circuit): Tbilissi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: MHz

Geomagnetic latitude: 36°30'

longitude: 123°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 | | | | | | | | | | |
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| 4 | | | | | | | | | | |
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| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | 50/52 | | 52 | | 29 | | 0,25 | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | 56/56 | | 56 | | 40 | | 0,22 | | | |
| 20 | 56/58 | | 60 | | 18 | | 0,70 | | | |
| 21 | 50/52 | | 52 | | 41 | | 0,16 | | | |
| 22 | 52/52 | | 54 | | 36 | | 0,24 | | | |
| 23 | | | | | | | | | | |
| 24 | | | | | | | | | | |
| 25 | | | | | | | | | | |
| 26 | 56/56 | | 58 | | 37 | | 0,27 | | | |
| 27 | 56/56 | | 56 | | 17 | | 0,75 | | | |
| 28 | 56/56 | | 60 | | 22 | | 0,58 | | | |
| 29 | 56/55 | | 56 | | 30 | | 0,36 | | | |
| 30 | 54/60 | | 61 | | 16 | | 0,80 | | | |
| 31 | | | | | | | | | | |
| Count | 10 | | 10 | | 10 | | 10 | | | |
| Median | 56/56 | | 58 | | 30 | | 0,36 | | | |

Absorption Data

Method: A 1

Year: 1978

Month: VII

Station (circuit): Tbilisi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: I, 7 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 | | | | | | |
| 2 | | | | | | |
| 3 | 50/53 | 54 | 28 | 0,41 | | |
| 4 | 54/56 | 58 | 19 | 0,68 | | |
| 5 | 50/50 | 52 | 24 | 0,42 | | |
| 6 | 47/50 | 50 | 38 | 0,19 | | |
| 7 | 56/55 | 57 | 26 | 0,48 | | |
| 8 | 52/52 | 54 | 21 | 0,58 | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | 59/59 | 60 | 49 | 0,12 | | |
| 12 | 54/55 | 56 | 45 | 0,12 | | |
| 13 | 56/55 | 56 | 24 | 0,52 | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
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| 27 | | | | | | |
| 28 | | | | | | |
| 29 | | | | | | |
| 30 | | | | | | |
| 31 | | | | | | |
| Count | 9 | 9 | 9 | 9 | | |
| Median | 54/55 | 56 | 26 | 0,42 | | |

Absorption Data

Method: A 1

Year: 1978

Month: VII

Station (circuit): Tbilisi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: 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 | | | | | | |
| 2 | | | | | | |
| 3 | 52/54 | 54 | 25 | 0,48 | | |
| 4 | 53/55 | 57 | 16 | 0,78 | | |
| 5 | 47/47 | 50 | 12 | 0,88 | | |
| 6 | 50/49 | 50 | 26 | 0,40 | | |
| 7 | 55/55 | 57 | 28 | 0,42 | | |
| 8 | 56/56 | 57 | 15 | 0,82 | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | 58/59 | 60 | 19 | 0,70 | | |
| 12 | 56/56 | 56 | 36 | 0,28 | | |
| 13 | 53/54 | 54 | 35 | 0,27 | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |
| 21 | | | | | | |
| 22 | | | | | | |
| 23 | | | | | | |
| 24 | | | | | | |
| 25 | | | | | | |
| 26 | | | | | | |
| 27 | | | | | | |
| 28 | | | | | | |
| 29 | | | | | | |
| 30 | | | | | | |
| 31 | | | | | | |
| Count | 9 | 9 | 9 | 9 | | |
| Median | 53/55 | 56 | 25 | 0,48 | | |

Absorption Data

Method: A 1

Year: 1978

Month: IX

Station (circuit): Tbilisi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: 1,7 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 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | 53/53 | 60 | 27 | 0,50 | | |
| 21 | 53/53 | 68 | 15 | 0,92 | | |
| 22 | 52/51 | 64 | 17 | 0,82 | | |
| 23 | 52/51 | 64 | 17 | 0,81 | | |
| 24 | 42/42 | 46 | 28 | 0,31 | | |
| 25 | 49/49 | 60 | 21 | 0,63 | | |
| 26 | 47/46 | 54 | 25 | 0,48 | | |
| 27 | 50/52 | 74 | 10 | 1,24 | | |
| 28 | 51/50 | 64 | 17 | 0,82 | | |
| 29 | 42/42 | 47 | 29 | 0,30 | | |
| 30 | | | | | | |
| 31 | | | | | | |
| Count | 10 | 10 | 10 | 10 | | |
| Median | 50/50 | 62 | 19 | 0,72 | | |

Absorption Data

Method: A 1

Year: 1978

Month: IX

Station (circuit): Tbilisi

Geographic latitude: 41°44'N

longitude: 44°48'E

Frequency: 2,2 MHz

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. | /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 | | | | | | | | | |
| 20 | 56/54 | 63 | | 24 | | 0,59 | | | |
| 21 | 55/55 | 72 | | 12 | | 1,06 | | | |
| 22 | 44/46 | 53 | | 24 | | 0,48 | | | |
| 23 | 52/51 | 62 | | 23 | | 0,61 | | | |
| 24 | 50/52 | 60 | | 26 | | 0,52 | | | |
| 25 | 47/45 | 51 | | 23 | | 0,47 | | | |
| 26 | 47/47 | 56 | | 24 | | 0,53 | | | |
| 27 | 54/56 | 80 | | 11 | | 1,22 | | | |
| 28 | 48/46 | 50 | | 34 | | 0,23 | | | |
| 29 | 44/43 | 45 | | 37 | | 0,12 | | | |
| 30 | | | | | | | | | |
| 31 | | | | | | | | | |
| Count | 10 | 10 | | 10 | | 10 | | | |
| Median | 49/49 | 58 | | 24 | | 0,52 | | | |

Absorption Data

Method: A 1

Year: 1978

Month: X

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 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | 53/53 | | 63 | | 33 | | 0,41 | | | |
| 11 | 52/49 | | 66 | | 20 | | 0,71 | | | |
| 12 | 38/42 | | 49 | | 26 | | 0,39 | | | |
| 13 | 41/40 | | 44 | | 30 | | 0,23 | | | |
| 14 | 51/54 | | 72 | | 24 | | 0,68 | | | |
| 15 | 56/60 | | 84 | | 24 | | 0,78 | | | |
| 16 | 48/54 | | 102 | | 7 | | 1,63 | | | |
| 17 | 60/60 | | 84 | | 26 | | 0,72 | | | |
| 18 | 43/46 | | 84 | | 9 | | 1,3 | | | |
| 19 | 47/47 | | 72 | | 16 | | 0,93 | | | |
| 20 | 59/59 | | 105 | | 6 | | 1,94 | | | |
| 21 | | | | | | | | | | |
| 22 | | | | | | | | | | |
| 23 | 45/49 | | 86 | | 14 | | 1,14 | | | |
| 24 | 50/49 | | 59 | | 33 | | 0,36 | | | |
| 25 | 42/43 | | 49 | | 35 | | 0,20 | | | |
| 26 | 42/48 | | 81 | | 17 | | 0,98 | | | |
| 27 | 44/44 | | 62 | | 22 | | 0,66 | | | |
| 28 | | | | | | | | | | |
| 29 | | | | | | | | | | |
| 30 | 44/44 | | 64 | | 23 | | 0,64 | | | |
| 31 | 50/50 | | 107 | | 6 | | 2,17 | | | |
| Count | 18 | | 18 | | 18 | | 18 | | | |
| Median | 48/49 | | 72 | | 23 | | 0,72 | | | |

Absorption Data

Method: A 1

Year 1978

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 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 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | 53/54 | | 66 | | 29 | | 0.51 | | | |
| 11 | 51/44 | | 55 | | 23 | | 0.53 | | | |
| 12 | 40/41 | | 50 | | 23 | | 0.48 | | | |
| 13 | 48/48 | | 64 | | 21 | | 0.67 | | | |
| 14 | 51/51 | | 65 | | 25 | | 0.60 | | | |
| 15 | 48/47 | | 52 | | 35 | | 0.24 | | | |
| 16 | 53/60 | | 104 | | 7 | | 1.70 | | | |
| 17 | 52/52 | | 82 | | 15 | | 1.05 | | | |
| 18 | 34/38 | | 56 | | 14 | | 0.87 | | | |
| 19 | 45/46 | | 66 | | 17 | | 0.85 | | | |
| 20 | 48/48 | | 62 | | 26 | | 0.53 | | | |
| 21 | | | | | | | | | | |
| 22 | | | | | | | | | | |
| 23 | 45/45 | | 72 | | 17 | | 0.90 | | | |
| 24 | 45/45 | | 62 | | 27 | | 0.51 | | | |
| 25 | 47/47 | | 103 | | 5 | | 1.82 | | | |
| 26 | 34/51 | | 72 | | 22 | | 0.75 | | | |
| 27 | 49/45 | | 72 | | 18 | | 0.89 | | | |
| 28 | | | | | | | | | | |
| 29 | | | | | | | | | | |
| 30 | 45/45 | | 88 | | 17 | | 0.88 | | | |
| 31 | 40/40 | | 74 | | 13 | | 1.07 | | | |
| Count | 18 | | 18 | | 18 | | 18 | | | |
| Median | 47/47 | | 66 | | 19 | | 0.80 | | | |

Absorption Data

Method: A 1

Year: 1978

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 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 | 50/50 | | 74 | | 25 | | 0,67 | | | |
| 3 | 50/49 | | 92 | | 16 | | 1,06 | | | |
| 4 | 47/47 | | 64 | | 29 | | 0,48 | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | 42/42 | | 62 | | 24 | | 0,59 | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | 46/46 | | 74 | | 23 | | 0,71 | | | |
| 15 | 33/45 | | 100 | | 15 | | 1,16 | | | |
| 16 | 50/46 | | 122 | | 6 | | 2,33 | | | |
| 17 | 33/39 | | 104 | | 8 | | 1,82 | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | 37/37 | | 52 | | 24 | | 0,48 | | | |
| 21 | 42/38 | | 56 | | 24 | | 0,52 | | | |
| 22 | 40/41 | | 71 | | 22 | | 0,73 | | | |
| 23 | 30/32 | | 52 | | 18 | | 0,64 | | | |
| 24 | 39/39 | | 52 | | 28 | | 0,39 | | | |
| 25 | | | | | | | | | | |
| 26 | | | | | | | | | | |
| 27 | 40/42 | | 54 | | 32 | | 0,31 | | | |
| 28 | 42/46 | | 96 | | 22 | | 0,91 | | | |
| 29 | 29/30 | | 33 | | 28 | | 0,10 | | | |
| 30 | 39/39 | | 46 | | 32 | | 0,23 | | | |
| 31 | | | | | | | | | | |
| Count | I7 | | I7 | | I7 | | I7 | | | |
| Median | 40/42 | | 64 | | 24 | | 0,64 | | | |

Absorption Data

Method: A 1

Year: 1978

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) noon mens. /calc. | L(cos χ =1) | | L(cos χ =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 | 47/47 | 84 | | 16 | | 1.05 | | | |
| 3 | 44/44 | 80 | | 15 | | 1.03 | | | |
| 4 | 50/50 | 101 | | 14 | | 1.19 | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | 35/34 | 43 | | 24 | | 0.37 | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | 39/42 | 100 | | 13 | | 1.19 | | | |
| 15 | 40/43 | 108 | | 7 | | 2.13 | | | |
| 16 | 32/35 | 41 | | 29 | | 0.22 | | | |
| 17 | 30/31 | 74 | | 14 | | 1.02 | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | 36/36 | 46 | | 26 | | 0.35 | | | |
| 21 | 36/39 | 54 | | 27 | | 0.41 | | | |
| 22 | 42/37 | 56 | | 23 | | 0.53 | | | |
| 23 | 35/35 | 54 | | 22 | | 0.55 | | | |
| 24 | 41/41 | 102 | | 12 | | 1.41 | | | |
| 25 | | | | | | | | | |
| 26 | | | | | | | | | |
| 27 | 44/51 | 102 | | 20 | | 1.09 | | | |
| 28 | 37/42 | 64 | | 27 | | 0.54 | | | |
| 29 | 35/37 | 48 | | 28 | | 0.34 | | | |
| 30 | 37/37 | 50 | | 27 | | 0.40 | | | |
| 31 | | | | | | | | | |
| Count | 17 | 17 | | 17 | | 17 | | | |
| Median | 37/39 | 64 | | 22 | | 0.55 | | | |

Absorption Data

Method: A 1

Year:

Month:

XII

Station (circuit): Tbilissi

Geographic latitude: 41°41'N

longitude: 44°48'E

Frequency: MHz **I,7**

Geomagnetic latitude: 36°30'

longitude: 133°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 | 51/51 | 94 | 29 | 0,73 | |
| 2 | 44/50 | 80 | 33 | 0,55 | | |
| 3 | 43/48 | 54 | 42 | 0,16 | | |
| 4 | 56/54 | 65 | 45 | 0,22 | | |
| 5 | | | | | | |
| 6 | 42/42 | 49 | 38 | 0,15 | | |
| 7 | 47/49 | 70 | 35 | 0,43 | | |
| 8 | 47/47 | 101 | 17 | 1,29 | | |
| 9 | | | | | | |
| 10 | 37/38 | 44 | 34 | 0,15 | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | 47/46 | 57 | 38 | 0,25 | | |
| 20 | | | | | | |
| 21 | | | | | | |
| 22 | 51/ | | | | | |
| 23 | | | | | | |
| 24 | | | | | | |
| 25 | | | | | | |
| 26 | | | | | | |
| 27 | | | | | | |
| 28 | | | | | | |
| 29 | | | | | | |
| 30 | | | | | | |
| 31 | | | | | | |
| Count | 10/9 | 9 | 9 | 9 | | |
| Median | 47/48 | 65 | 85 | 0,25 | | |

Absorption Data

Method: A 1

Year: 1978

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) | | 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 | 43/45 | | 102 | | 19 | | 1.06 | | | |
| 2 | 44/44 | | 84 | | 23 | | 0.78 | | | |
| 3 | 47/47 | | 75 | | 31 | | 0.55 | | | |
| 4 | 53/50 | | 65 | | 40 | | 0.29 | | | |
| 5 | 45/47 | | 54 | | 42 | | 0.15 | | | |
| 6 | 47/47 | | 74 | | 30 | | 0.55 | | | |
| 7 | 39/42 | | 96 | | 20 | | 0.96 | | | |
| 8 | 37/36 | | 68 | | 20 | | 0.77 | | | |
| 9 | | | | | | | | | | |
| 10 | 41/39 | | 60 | | 26 | | 0.52 | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | 45/45 | | 58 | | 37 | | 0.28 | | | |
| 20 | | | | | | | | | | |
| 21 | | | | | | | | | | |
| 22 | 39/ | | | | | | | | | |
| 23 | | | | | | | | | | |
| 24 | | | | | | | | | | |
| 25 | | | | | | | | | | |
| 26 | | | | | | | | | | |
| 27 | | | | | | | | | | |
| 28 | | | | | | | | | | |
| 29 | | | | | | | | | | |
| 30 | | | | | | | | | | |
| 31 | | | | | | | | | | |
| Count | 11/10 | | 10 | | 10 | | 10 | | | |
| Median | 45/45 | | 71 | | 28 | | 0.55 | | | |