

U. E. R.

UNION EUROPEENNE DE RADIODIFFUSION
Centre Technique
BRUXELLES

E. B. U.

EUROPEAN BROADCASTING UNION
Technical Centre
BRUSSELS

Tech. 3214 - F/E

**Propagation ionosphérique des ondes métriques en Europe
(Télévision en bande I)**

Ionospheric propagation in Europe in VHF television Band I

Volume II

Février 1976
February 1976

PROPAGATION IONOSPHERIQUE DES ONDES METRIQUES EN EUROPE (TELEVISION EN BANDE I)

Février 1976

Volume II

Tech. 3214-F

SOMMAIRE

Première partie : Résultats donnés sous forme numérique

Emission de mesures 1962

Campagne de mesures 1963

Emetteur : Divis 15 | Emetteur : Meldrum 16

EMERSON : DIVIS . . .

| | | | |
|------------------------------|----|----------------------------------|----|
| Emetteur : Limoges | 19 | Emetteur : Carcassonne | 22 |
| Divis | 20 | Meldrum | 23 |
| Mont-Saint-Martin | 21 | | |

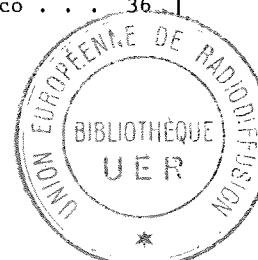
Campagne de mesures 1866

Campagne de mesures 1967

| | | | |
|------------------------------|----|----------------------------------|----|
| Emetteur : Limoges | 29 | Emetteur : Carcassonne | 32 |
| Divis | 30 | Meldrum | 33 |
| Monte Sambuco . . . | 31 | | |

Campagne de mesures 1968

| | | | |
|------------------------------|----|----------------------------------|----|
| Emetteur : Limoges | 34 | Emetteur : Carcassonne | 37 |
| Divis | 35 | Meldrum | 38 |
| Monte Sambuco | 36 | | |



Campagne de mesures 1969

| | | | |
|------------------------------|----|----------------------------------|----|
| Emetteur : Limoges | 39 | Emetteur : Carcassonne | 42 |
| Divis | 40 | Meldrum | 43 |
| Monte Sambuco | 41 | | |

Campagne de mesures 1970

| | | | |
|------------------------------|----|----------------------------------|----|
| Emetteur : Limoges | 44 | Emetteur : Carcassonne | 47 |
| Divis | 45 | Meldrum | 48 |
| Monte Sambuco | 46 | | |

Campagne de mesures 1971

| | | | |
|------------------------------|----|----------------------------------|----|
| Emetteur : Limoges | 49 | Emetteur : Carcassonne | 52 |
| Divis | 50 | Meldrum | 53 |
| Monte Sambuco | 51 | | |

Campagne de mesures 1972

| | | | |
|------------------------------|----|----------------------------------|----|
| Emetteur : Limoges | 54 | Emetteur : Carcassonne | 57 |
| Divis | 55 | Meldrum | 58 |
| Monte Sambuco | 56 | | |

Deuxième partie: Résultats donnés sous forme graphique

Emetteur : Limoges

| | | | |
|--------------------------------|----|------------------------------|----|
| Réception à Stagshaw | 61 | Réception à Orkney | 63 |
| Edinburgh | 62 | | |

Emetteur : Divis

| | | | |
|----------------------------------|----|-----------------------------|----|
| Réception à Châtonnaye | 64 | Réception à Luleå | 68 |
| Enköping | 65 | Sodankylä | 69 |
| Morlupo | 66 | Monte Lauro | 70 |
| Helsinki | 67 | | |

Emetteur : Monte Sambuco

| | | | |
|-------------------------------|----|--------------------------------|----|
| Réception à Jurbise | 71 | Réception à Stagshaw | 73 |
| Kingswood | 72 | Edinburgh | 74 |

Emetteur : Carcassonne

| | | | |
|---------------------------------|----|------------------------------|----|
| Réception à Kingswood | 75 | Réception à Orkney | 77 |
| Stagshaw | 76 | | |

Emetteur : Meldrum

| | | | |
|-------------------------------|----|-----------------------------|----|
| Réception à Limours | 78 | Réception à Monza | 81 |
| Berlin | 79 | Helsinki | 82 |
| Enköping | 80 | Morlupo | 83 |

IONOSPHERIC PROPAGATION IN EUROPE IN VHF TELEVISION BAND I

February 1976

Volume II

Tech. 3214-E

CONTENTS

| | |
|---|--|
| Introduction | 8 |
| <i>Part one : Results in numerical form</i> | |
| Measurement campaign 1962 | |
| Transmitter : Divis | 13 Transmitter : Meldrum |
| Measurement campaign 1963 | |
| Transmitter : Divis | 15 Transmitter : Meldrum |
| Measurement campaign 1964 | |
| Transmitter : Divis | 17 Transmitter : Meldrum |
| Measurement campaign 1965 | |
| Transmitter : Limoges | 19 Transmitter : Carcassonne |
| Divis | 20 Meldrum |
| Monte Sambuco | 21 |
| Measurement campaign 1966 | |
| Transmitter : Limoges | 24 Transmitter : Carcassonne |
| Divis | 25 Meldrum |
| Monte Sambuco | 26 |
| Measurement campaign 1967 | |
| Transmitter : Limoges | 29 Transmitter : Carcassonne |
| Divis | 30 Meldrum |
| Monte Sambuco | 31 |
| Measurement campaign 1968 | |
| Transmitter : Limoges | 34 Transmitter : Carcassonne |
| Divis | 35 Meldrum |
| Monte Sambuco | 36 |

Measurement campaign 1969

| | | | |
|---------------------------------|----|-------------------------------------|----|
| Transmitter : Limoges | 39 | Transmitter : Carcassonne | 42 |
| Divis | 40 | Meldrum | 43 |
| Monte Sambuco | 41 | | |

Measurement campaign 1970

| | | | |
|---------------------------------|----|-------------------------------------|----|
| Transmitter : Limoges | 44 | Transmitter : Carcassonne | 47 |
| Divis | 45 | Meldrum | 48 |
| Monte Sambuco | 46 | | |

Measurement campaign 1971

| | | | |
|---------------------------------|----|-------------------------------------|----|
| Transmitter : Limoges | 49 | Transmitter : Carcassonne | 52 |
| Divis | 50 | Meldrum | 53 |
| Monte Sambuco | 51 | | |

Measurement campaign 1972

| | | | |
|---------------------------------|----|-------------------------------------|----|
| Transmitter : Limoges | 54 | Transmitter : Carcassonne | 57 |
| Divis | 55 | Meldrum | 58 |
| Monte Sambuco | 56 | | |

Part two : Results in graphical form

Transmitter : Limoges

| | | | |
|--------------------------------|----|------------------------------|----|
| Received at Stagshaw | 61 | Received at Orkney | 63 |
| Edinburgh | 62 | | |

Transmitter : Divis

| | | | |
|----------------------------------|----|-----------------------------|----|
| Received at Châtonnaye | 64 | Received at Luleå | 68 |
| Enköping | 65 | Sodankylä | 69 |
| Morlupo | 66 | Monte Lauro | 70 |
| Helsinki | 67 | | |

Transmitter : Monte Sambuco

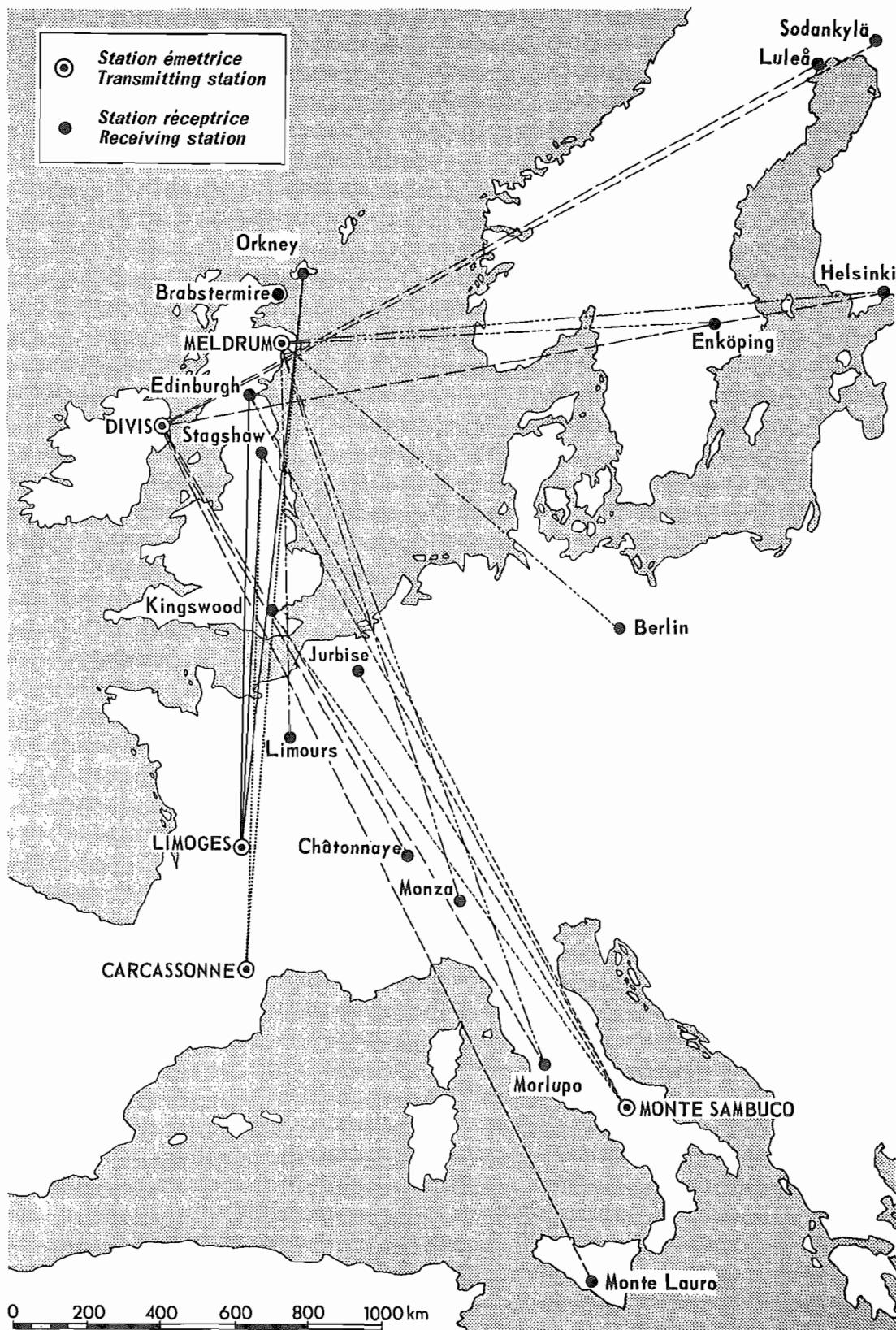
| | | | |
|-------------------------------|----|--------------------------------|----|
| Received at Jurbise | 71 | Received at Stagshaw | 73 |
| Kingswood | 72 | Edinburgh | 74 |

Transmitter : Carcassonne

| | | | |
|---------------------------------|----|------------------------------|----|
| Received at Kingswood | 75 | Received at Orkney | 77 |
| Stagshaw | 76 | | |

Transmitter : Meldrum

| | | | |
|-------------------------------|----|-----------------------------|----|
| Received at Limours | 78 | Received at Monza | 81 |
| Berlin | 79 | Helsinki | 82 |
| Enköping | 80 | Morlupo | 83 |



Trajets de propagation — Les mesures entreprises en 1965 à Brabstermire ont été effectuées ensuite aux Orcades.

Propagation paths — The measurements undertaken in 1965 at Brabstermire were next made at Orkney.

INTRODUCTION

Le Groupe de travail B de l'U.E.R. a organisé tous les étés de 1961 à 1972 des campagnes de mesures de la propagation des ondes métriques par réflexion sur la couche E sporadique, de manière à acquérir une connaissance de ce phénomène qui soit susceptible d'utilisation pratique. La durée de cette expérience a été choisie de façon à couvrir un cycle complet de l'activité solaire, caractérisée par le nombre de taches solaires R reproduit à la page 10. Les champs de plusieurs émetteurs de télévision ont été enregistrés à des distances comprises entre 1000 et 2000 km, et les résultats obtenus ont été dépouillés à la B.B.C., en particulier par le Dr. P. Knight et par MM. C.P. Bell et L.F. Tagholm.

Ces campagnes de mesures ont fait intervenir cinq émetteurs et quatorze stations de réception, dont les emplacements sont indiqués sur la carte de la page 5 et dont la liste est donnée ci-après :

Emetteurs : Carcassonne, Divis, Limoges, Meldrum, Monte Sambuco.

Stations de réception : Berlin, Châtonnaye, Edinburgh, Enköping, Helsinki, Jurbise, Kingswood, Limours, Luleå, Monte Lauro, Monza, Morlupo, Orkney, Sodankylä, Stagshaw.

Les antennes de réception étaient réglées en fonction de la polarisation d'émission, sauf dans certains cas spécifiés. Les signaux reçus aux stations de réception étaient enregistrés de façon continue au cours de chaque journée, entre 08h00 et 23h00 GMT.

Le premier volume du document Tech. 3214 constitue une analyse d'ensemble des résultats des campagnes de mesures, en vue de dégager les conséquences pratiques de ce type de propagation. Le présent document constitue le second volume du Tech. 3214 ; il contient un relevé détaillé des valeurs du champ obtenues par dépouillement statistique des mesures portant sur les différents trajets.

Les résultats reproduits dans ce second volume sont présentés de deux façons différentes, dans deux parties distinctes :

Première partie : Résultats donnés sous forme numérique

Pour chaque trajet et pour chacun des mois d'avril à octobre de chaque année, on a indiqué les valeurs du champ dépassées respectivement pendant 0,05%, 0,1%, 0,5%, 1%, 2%, 5% et 10% du temps. Pour que les résultats soient comparables, on a ramené le champ à celui que rayonnerait un émetteur ayant une puissance apparente rayonnée de 1 kW. La procédure de normalisation des champs est décrite au Chapitre 3 du Volume I (p. 15, 2^{me} alinéa).

Les différentes indications apparaissant dans les tableaux des pages 13 à 58 ont la signification suivante :

non enregistré : aucun enregistrement n'a été fait au cours du mois, ou bien les appareils d'enregistrement étaient défectueux ;

enregistrement insuffisant : la période d'enregistrement s'étendait sur moins de la moitié du mois ;

aucun signal : les enregistrements ont été faits pendant plus de la moitié du mois, mais aucun signal n'a été reçu ;

signal insuffisant : les signaux ont été reçus pendant moins de 0,05% du temps, ou bien les signaux ont été trop faibles pour qu'on puisse tracer une courbe de répartition.

Pour simplifier la présentation des tableaux, les indications qui y sont portées sont alternativement en français et en anglais.

Deuxième partie : Résultats donnés sous forme graphique.

Les résultats correspondant à chacun des trajets faisant l'objet des campagnes de mesures sont résumés en 182 graphiques annuels, groupés par trajets et reproduits aux pages 51 à 83. On a considéré successivement les trajets au départ de chaque émetteur, classés par longueurs croissantes.

Sur chaque graphique, on a porté en ordonnées le champ, exprimé en dB par rapport à 1 $\mu\text{V}/\text{m}$, qui a été dépassé pendant le pourcentage de temps indiqué au cours des divers mois de chaque campagne (avril à octobre de chaque année) ; les valeurs du champ sont ramenées à une puissance apparente rayonnée de 1 kW. L'indication F_0 sur chacun de ces graphiques représente le champ en espace libre.

INTRODUCTION

Each summer, from 1961 to 1972, E.B.U. Working Party B has organised measurement campaigns to study VHF propagation via the sporadic-E layer, with the object of acquiring knowledge of this phenomenon that could be put to practical use. The duration of the experiment was chosen so as to cover one complete cycle of solar activity, characterised by the sunspot number R as shown on page 10. The field strength from several television transmitters was recorded at distances varying from 1000 to 2000 km and the results were analysed by the B.B.C., in particular by Dr. P. Knight and by Messrs. C.P. Bell and L.F. Tagholm.

These measurement campaigns involved five transmitters and fourteen receiving stations; the locations of these are shown on the map on page 5. They were as follows:

Transmitters: Carcassonne, Divis, Limoges, Meldrum, Monte Sambuco.

Receiving stations: Berlin, Châtonnaye, Edinburgh, Enköping, Helsinki, Jurbise, Kingswood, Limours, Luleå, Monte Lauro, Monza, Morlupo, Orkney, Sodankylä, Stagshaw.

Unless otherwise stated, the receiving aerials were aligned to correspond to the transmitted polarisation. The signals received at the receiving stations were continuously recorded throughout the day, between 0800 and 2300 GMT.

The first volume of document Tech. 3214 takes the form of an analysis of all the results of the measurement campaigns with the object of determining the practical consequences of this type of propagation. The present document forms the second volume of Tech. 3214; it contains a detailed summary of the values of field strength obtained from a statistical analysis of the measurements relating to the various paths.

The results shown in this second volume are presented in two different forms, arranged in two different parts:

Part one : Results in numerical form

The values of field strength exceeded during 0.05%, 0.1%, 0.5%, 1%, 2%, 5% and 10% of the time respectively are shown for each path and for each month from April to October. For comparison purposes, the values of field strength have been adjusted to those which would have been radiated by a transmitter having an effective radiated power of 1 kW. The procedure for standardisation of the field strengths is described in Chapter 3 of Volume I (page 15, 2nd paragraph).

The various indications that appear in the tables on pages 13 to 58 have the following significance:

no recording: no recording was made during the month, or the recording equipment was faulty;

insufficient recording: the recording period covered less than half of the month;

no signal: the recording period covered more than half of the month but no signal was received;

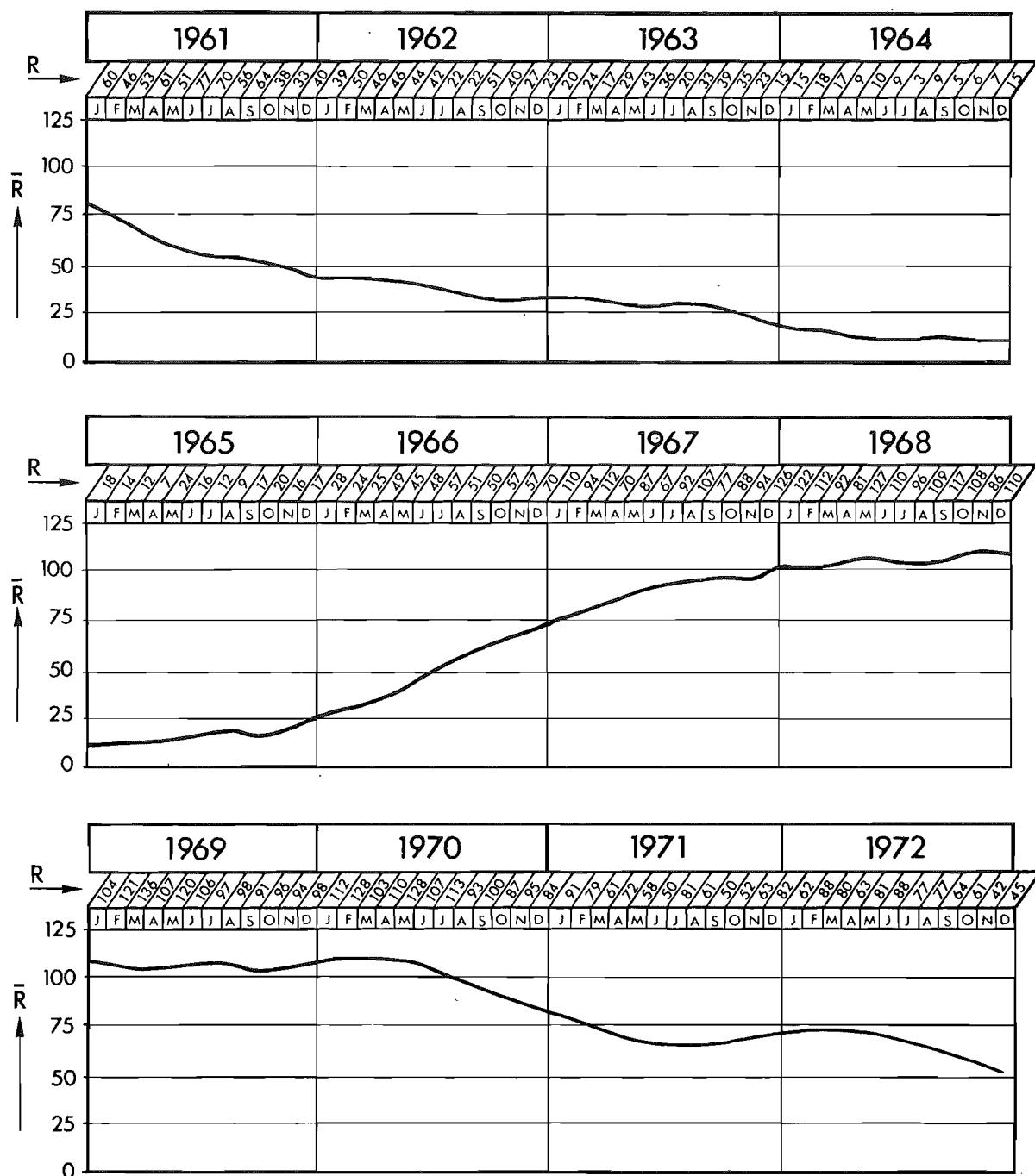
insufficient signal: signals were received for less than 0.05% of the time, or, the signals were too weak to permit a distribution curve to be drawn.

To simplify the presentation of the tables, the indications shown are given in English and French alternately.

Part two: Results in graphical form.

The results corresponding to each of the paths examined during the measurement campaigns are summarised in 182 annual graphs, arranged by path, and are reproduced on pages 51 to 83. The paths for each transmitter are considered successively in order of increasing path length.

The ordinate of each graph shows the field strength, expressed in decibels with respect to 1 $\mu\text{V/m}$, which was exceeded during the percentage of the time shown in the various months of each campaign (April to October of each year). The values of field strength are adjusted to correspond to an effective radiated power of 1 kW. The indication F_0 on each of these graphs represents the free-space field strength.



*Nombre relatif R de taches solaires de Zurich observées au cours de la campagne de mesures
et moyenne glissante \bar{R} de ce nombre*

*R, the relative number of sunspots observed at Zurich during the measurement campaign
and \bar{R} , the smoothed mean of that number*

Première partie :

RESULTATS DONNÉS SOUS FORME NUMÉRIQUE

Part one :

RESULTS IN NUMERICAL FORM

RESULTS OF MEASUREMENT CAMPAIGN 1962

| Transmitter: DIVIS | | | Horizontal polarisation | | | | | | Frequency: 41.465 MHz | |
|--------------------|------------------|-----------|--|-------|-------|------|------|-------|-----------------------|--|
| Receiving station | Path length (km) | Month | Field strength (in dB above $1\mu\text{V/m}$ for 1 kW ERP) exceeded for specified time percentage | | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | |
| Châtonnay | 1260 | April | No recording | | | | | | | |
| | | May | No recording | | | | | | | |
| | | June | - | - | 38.0* | 32.0 | 22.0 | 5.0 | -10.0 | |
| | | July | 47.0 | 45.0 | 38.0 | 32.0 | 24.0 | 6.0 | -11.0 | |
| | | August | 48.0* | 46.0 | 38.0 | 28.0 | 17.0 | -4.0 | -14.0 | |
| | | September | - | 48.0* | 36.0 | 30.0 | 2.0 | -12.0 | -20.0 | |
| | | October | No recording | | | | | | | |
| Monza | 1470 | April | No recording | | | | | | | |
| | | May | No recording | | | | | | | |
| | | June | 44.0 | 40.0 | 30.0 | 24.0 | 14.0 | - | - | |
| | | July | 46.0* | 44.0 | 38.0 | 33.0 | 27.0 | 10.0 | - | |
| | | August | - | 41.0* | 22.0 | 12.0 | - | - | - | |
| | | September | 19.0* | 16.0 | 6.0 | -3.0 | - | - | - | |
| | | October | - | 27.0* | 14.0 | 4.0 | - | - | - | |
| Enköping | 1490 | April | No recording | | | | | | | |
| | | May | No recording | | | | | | | |
| | | June | No recording | | | | | | | |
| | | July | 42.0 | 39.0 | 30.0 | 23.0 | 14.0 | 3.0 | -4.0 | |
| | | August | - | 45.0 | 27.0 | 18.0 | 8.0 | 0 | -6.0 | |
| | | September | 16.0 | 11.0 | 3.0 | 0 | -3.0 | -5.0 | - | |
| | | October | No recording | | | | | | | |
| Monte Lauro | 2510 | April | No recording | | | | | | | |
| | | May | No recording | | | | | | | |
| | | June | 42.0 | 38.0 | 30.0 | 25.5 | 19.0 | 10.0 | 0 | |
| | | July | 24.0 | 21.0 | 16.0 | 11.0 | 6.0 | -5.0 | - | |
| | | August | 18.0 | 15.0 | 8.0 | 4.0 | -1.0 | -12.0 | - | |
| | | September | 8.0 | 4.0 | -10.0 | - | - | - | - | |
| | | October | 4.0 | 1.0 | -10.0 | - | - | - | - | |

RESULTATS DE LA CAMPAGNE DE MESURES 1962

| Emetteur: MELDRUM | | Polarisation horizontale | | | | | | Fréquence: 58.215 MHz | |
|----------------------|-------------------------|--------------------------|---|-------|------|------|------|-----------------------|-----|
| Station de réception | Longueur du trajet (km) | Mois | Champ (en dB au-dessus de 1 μ V/m pour une PAR de 1 kW) dépassé pendant le pourcentage de temps indiqué | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% |
| Enköping | 1150 | Avril | Non enregistré | | | | | | |
| | | Mai | Enregistrement insuffisant | | | | | | |
| | | Juin | 49.0 | 45.0 | 26.0 | 19.0 | 15.0 | 9.0 | 4.0 |
| | | Juillet | 16.0 | 14.0 | 17.0 | 5.0 | 2.0 | — | — |
| | | Août | 41.0 | 32.0 | 17.0 | 12.0 | 9.0 | 4.0 | 0.0 |
| | | Septembre | Non enregistré | | | | | | |
| | | Octobre | — | | | | | | |
| Monza | 1530 | Avril | Non enregistré | | | | | | |
| | | Mai | 35.0 | 30.0 | — | — | — | — | — |
| | | Juin | 36.0 | 32.0 | 20.0 | 14.0 | 0.0 | — | — |
| | | Juillet | 31.0 | 27.0 | 16.0 | 4.0 | — | — | — |
| | | Août | 16.0 | 9.0 | — | — | — | — | — |
| | | Septembre | -6.0 | -16.0 | — | — | — | — | — |
| | | Octobre | — | — | 9.0 | 0.0 | — | — | — |

* Valeurs obtenues par extrapolation

RESULTS OF MEASUREMENT CAMPAIGN 1963

| Transmitter: DIVIS | | Horizontal polarisation | | | | | | Frequency: 41.465 MHz | |
|--------------------|------------------|-------------------------|---|-------|---------------------|-------|-------|-----------------------|-------|
| Receiving station | Path length (km) | Month | Field strength (in dB above $1\mu\text{V/m}$ for 1 kW ERP) exceeded for specified time percentage | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% |
| Châtonnaye | 1260 | April | | | | | | | |
| | | May | - | 53.0* | 42.0 | 36.0 | 30.0 | 11.0 | -12.0 |
| | | June | - | - | 48.0 | 36.0 | 28.0 | 13.0 | -9.0 |
| | | July | 49.0* | 47.0 | 40.0 | 36.0 | 29.0 | 16.0 | -11.0 |
| | | August | 44.0 | 42.0 | 33.0 | 27.0 | 19.0 | -4.0 | -15.0 |
| | | September | 37.0 | 34.0 | 21.0 | 6.0 | -8.0 | -15.0 | -19.0 |
| | | October | 44.0 | 41.0 | 30.0 | 19.0 | -3.0 | -13.0 | -18.0 |
| Monza | 1470 | April | -5.0 | -6.0 | -9.5 | - | - | - | - |
| | | May | 46.0* | 44.0 | 39.0 | 36.0 | 30.0 | 17.0 | -4.0 |
| | | June | - | 37.0* | 34.0 | 32.0 | 29.0 | 22.0 | 10.0 |
| | | July | - | 46.0* | 41.0 | 38.0 | 34.0 | 23.0 | 11.0 |
| | | August | 42.0 | 39.0 | 32.0 | 28.0 | 23.0 | 5.0 | -9.0 |
| | | September | 35.0 | 31.0 | 10.0 | 0 | -9.0 | - | - |
| | | October | 46.0* | 44.0 | 38.0 | 30.0 | 8.0 | - | - |
| Enköping | 1490 | April | 24.0 | 21.0 | 14.0 | 11.0 | 7.0 | 4.0 | 0 |
| | | May | - | - | 51.0 | 45.0 | 12.0 | 13.0 | 3.0 |
| | | June | 55.0 | 52.0 | 42.0 | 33.0 | 38.0 | 12.0 | 7.0 |
| | | July | - | 57.0* | 53.0 | 49.0 | 40.0 | 16.0 | 7.0 |
| | | August | 54.0 | 53.0 | 42.0 | 24.0 | 33.0 | 10.0 | 4.0 |
| | | September | 39.0 | 30.0 | 17.0 | 14.0 | 10.0 | 6.0 | 3.0 |
| | | October | 40.0 | 36.0 | 23.0 | 18.0 | 8.0 | 9.0 | 5.0 |
| Monte Lauro | 2510 | April | -7.0 | - | - | - | - | - | - |
| | | May | 5.0 | 4.0 | 1.0 | -3.0 | -12.0 | - | - |
| | | June | 4.0 | 3.0 | -2.0 | -5.0 | -10.0 | - | - |
| | | July | - | - | -7.0 | -13.0 | - | - | - |
| | | August | - | - | Insufficient signal | | | | |
| | | September | - | -13.0 | - | - | - | - | - |
| | | October | 3.0 | 1.0 | -8.0 | - | - | - | - |

* Extrapolated values

RESULTATS DE LA CAMPAGNE DE MESURES 1963

| Emetteur: MELDRUM | | | Polarisation horizontale | | | | | | | Fréquence: 58.215 MHz | | | | | | | |
|----------------------|-------------------------|-----------|---|-------|-------|-------|------|------|------|----------------------------|-------|------|------|----|----|----|-----|
| Station de réception | Longueur du trajet (km) | Mois | Champ (en dB au-dessus de 1 μ V/m pour une PAR de 1 kW) dépassé pendant le pourcentage de temps indiqué | | | | | | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | | | | | | | | |
| Berlin | 1130 | Avril | | | | | | | | Non enregistré | | | | | | | |
| | | Mai | - | -5.0* | -10.0 | -12.0 | - | - | - | | | | | | | | |
| | | Juin | 6.0* | -1.0 | -5.0 | - | - | - | - | | | | | | | | |
| | | JUILLET | 16.0* | 13.0 | -7.0 | - | - | - | - | | | | | | | | |
| | | Août | 1.0 | -2.0 | - | - | - | - | - | | | | | | | | |
| | | Septembre | | | | | | | | Signal insuffisant | | | | | | | |
| | | Octobre | 8.0 | 2.0 | - | - | - | - | - | | | | | | | | |
| Enköping | 1150 | Avril | | | | | | | | Enregistrement insuffisant | | | | | | | |
| | | Mai | 20.0* | 17.0 | 10.0 | 7.0 | 3.0 | 1.0 | -3.0 | | | | | | | | |
| | | Juin | 29.0 | 25.0 | 19.0 | 17.0 | 14.0 | 9.0 | 5.0 | | | | | | | | |
| | | JUILLET | 35.0* | 33.0* | 20.0 | 16.0 | 12.0 | 6.0 | 0 | | | | | | | | |
| | | Août | 27.0 | 25.0 | 20.0 | 18.0 | 15.0 | 11.0 | 5.0 | | | | | | | | |
| | | Septembre | 21.0* | 20.0* | 17.0 | 16.0 | 14.0 | 9.0 | 4.0 | | | | | | | | |
| | | Octobre | 22.0* | 20.0* | 17.0 | 15.0 | 12.0 | 7.0 | 1.0 | | | | | | | | |
| Monza | 1530 | Avril | | | | | | | | Non enregistré | | | | | | | |
| | | Mai | - | - | 36.0* | 30.0 | 20.0 | - | - | | | | | | | | |
| | | Juin | 25.0* | 23.0 | 17.0 | 10.0 | - | - | - | | | | | | | | |
| | | JUILLET | 33.0 | 29.0 | 19.0 | 12.0 | 1.0 | - | - | | | | | | | | |
| | | Août | 19.0 | 14.0 | - | - | - | - | - | | | | | | | | |
| | | Septembre | | | | | | | | Non enregistré | | | | | | | |
| | | Octobre | - | 15.0* | - | - | - | - | - | | | | | | | | |

* Valeurs obtenues par extrapolation

RESULTS OF MEASUREMENT CAMPAIGN 1964

| Transmitter: DIVIS | | | Horizontal polarisation | | | | Frequency: 41.465 MHz | | |
|--------------------|------------------|-----------|--|-------|-------|-------|-----------------------|-------|-------|
| Receiving station | Path length (km) | Month | Field strength (in dB above 1 μ V/m for 1 kW ERP) exceeded for specified time percentage | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% |
| Châtonnaye | 1260 | April | - | 1.0* | -5.0 | -7.0 | -11.0 | -16.0 | -21.0 |
| | | May | - | 52.0* | 44.0 | 39.0 | 31.0 | 4.0 | -14.0 |
| | | June | - | - | 52.0* | 49.0 | 43.0 | 34.0 | 22.0 |
| | | July | - | 49.0* | 40.0 | 35.0 | 29.0 | 18.0 | -4.0 |
| | | August | 37.0 | 34.0 | 25.0 | 16.0 | 3.0 | -11.0 | -17.0 |
| | | September | 27.0 | 24.0 | 10.0 | -3.0 | -9.0 | -15.0 | -19.0 |
| | | October | - | 28.0 | 9.0 | 0.0 | -7.0 | -14.0 | -19.0 |
| Enköping | 1490 | April | 24.0 | 22.0 | 14.0 | 11.0 | 7.0 | 1.0 | -3.0 |
| | | May | 52.0 | 46.0 | 30.0 | 21.0 | 12.0 | 4.0 | -1.0 |
| | | June | 53.0 | 51.0 | 46.0 | 43.0 | 38.0 | 24.0 | 7.0 |
| | | July | 55.0 | 53.0 | 47.0 | 44.0 | 40.0 | 23.0 | 3.0 |
| | | August | 45.0 | 44.0 | 42.0 | 39.0 | 33.0 | 17.0 | 9.0 |
| | | September | 34.0 | 31.0 | 20.0 | 14.0 | 10.0 | 5.0 | 1.0 |
| | | October | 38.0 | 32.0 | 15.0 | 11.0 | 8.0 | 3.0 | 0 |
| Morlupo | 1930 | April | 5.0 | 4.0 | -2.0 | - | - | - | - |
| | | May | 36.0* | 35.0 | 31.0 | 28.0 | 23.0 | 9.0 | -16.0 |
| | | June | 37.0* | 36.0* | 35.0 | 34.0 | 31.0 | 26.0 | 19.0 |
| | | July | - | - | 32.0 | 28.0 | 24.0 | 18.0 | 10.0 |
| | | August | 29.0* | 27.0* | 23.0 | 19.0 | 13.0 | -1.0 | - |
| | | September | 1.0 | -5.0 | - | - | - | - | - |
| | | October | 17.0 | 14.0 | 7.0 | 3.0 | -4.0 | - | - |
| Monte Lauro | 2510 | April | 5.0 | 4.0 | -2.0 | - | - | - | - |
| | | May | - | - | 16.0* | 12.0 | 7.0 | -4.0 | - |
| | | June | 30.0* | 28.0* | 23.0 | 20.0 | 17.0 | 9.0 | -1.0 |
| | | July | 14.0 | 13.0 | 10.0 | 7.0 | 4.0 | -3.0 | -14.0 |
| | | August | 14.0* | 10.0* | 0 | -5.0 | -10.0 | -19.0 | - |
| | | September | 4.0 | 1.0 | -9.0 | -15.0 | - | - | - |
| | | October | 5.0 | 3.0 | -16.0 | - | - | - | - |

* Extrapolated values

RESULTATS DE LA CAMPAGNE DE MESURES 1964

| Emetteur: MELDRUM | | | Polarisation horizontale | | Fréquence : 58.215 MHz | | | | |
|----------------------|-------------------------|-----------|---|-------|------------------------|-------|--------|-----|-----|
| Station de réception | Longueur du trajet (km) | Mois | Champ (en dB au-dessus de 1 μ V/m pour une PAR de 1 kW) dépassé pendant le pourcentage de temps indiqué | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% |
| Berlin | 1130 | Avril | -5.0 | -10.0 | - | - | - | - | - |
| | | Mai | - | -4.0* | -16.0 | - | - | - | - |
| | | Juin | 31.0 | 27.0 | 15.0 | 5.0 | -5.0 | - | - |
| | | Juillet | 16.0* | 14.0 | 7.0 | -6.0 | -17.0* | - | - |
| | | Août | 2.0 | -3.0 | -12.0 | -16.0 | -19.0 | - | - |
| | | Septembre | -7.0 | -9.0 | -16.0 | -20.0 | - | - | - |
| | | Octobre | -6.0 | -10.0 | -20.0 | - | - | - | - |
| Enköping | 1150 | Avril | 17.0 | 16.0 | 11.0 | 9.0 | 6.0 | 1.0 | - |
| | | Mai | 19.0 | 18.0 | 13.0 | 10.0 | 7.0 | 3.0 | 0 |
| | | Juin | - | 39.0 | 29.0 | 14.0 | 10.0 | 6.0 | 2.0 |
| | | Juillet | 29.0 | 26.0 | 19.0 | 16.0 | 13.0 | 8.0 | 5.0 |
| | | Août | 28.0 | 25.0 | 17.0 | 14.0 | 10.0 | 6.0 | 2.0 |
| | | Septembre | 22.0* | 21.0* | 17.0 | 14.0 | 12.0 | 8.0 | 4.5 |
| | | Octobre | 22.0* | 20.0* | 16.0 | 13.0 | 11.0 | 7.0 | 4.0 |
| Monza | 1530 | Avril | Signal insuffisant | | | | | | |
| | | Mai | 37.0* | 34.0 | 13.0 | 5.0 | - | - | - |
| | | Juin | - | - | 32.0 | 25.0 | 17.0 | 2.0 | - |
| | | Juillet | - | - | 20.0 | 10.0 | - | - | - |
| | | Août | 8.0 | 3.0 | -17.0* | - | - | - | - |
| | | Septembre | Aucun signal | | | | | | |
| | | Octobre | Aucun signal | | | | | | |

* Valeurs obtenues par extrapolation

RESULTS OF MEASUREMENT CAMPAIGN 1965

| Transmitter: LIMOGES | | | Horizontal polarisation | | | | | Frequency: 41.28 MHz | | |
|----------------------|------------------|-----------|---|-------|-------|-------|-------|----------------------|--------------|-------|
| Receiving station | Path length (km) | Month | Field strength (in dB above $1\mu\text{V/m}$ for 1 kW ERP) exceeded for specified time percentage | | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | |
| Stagshaw | 1060 | April | | | | | | | No recording | |
| | | May | - | - | 22.0 | 11.5 | 2.0 | -16.0 | - | |
| | | June | - | 22.5* | 14.5 | 9.0 | 1.0 | -20.0 | - | |
| | | July | 29.0 | 24.5 | 14.0 | 7.0 | -3.0 | -20.0 | - | |
| | | August | - | 32.5* | 15.0 | 4.5 | -11.0 | - | - | |
| | | September | 3.0 | -0.5 | -15.5 | - | - | - | - | |
| | | October | -0.5 | -5.5 | -16.5 | - | - | - | - | |
| Edinburgh | 1180 | April | | | | | | | No recording | |
| | | May | - | 25.0* | 21.5 | 18.0 | 13.0 | -17.0 | - | |
| | | June | 24.5* | 23.5 | 16.5 | 12.0 | 4.0 | -15.0 | - | |
| | | July | 21.0 | 20.0 | 9.0 | 4.0 | -3.0 | -15.5 | - | |
| | | August | 17.0 | 13.0 | 3.0 | -6.0 | -14.5 | - | - | |
| | | September | 16.0 | 8.0 | -11.0 | -17.0 | - | - | - | |
| | | October | -6.0 | -9.0 | -16.0 | - | - | - | - | |
| Brabstermire | 1470 | April | | | | | | | No recording | |
| | | May | { | | | | | | | |
| | | June | | | | | | | | |
| | | July | | - | 36.0* | 30.0 | 25.0 | 18.0 | 4.0 | -14.0 |
| | | August | 33.0* | 32.0 | 26.0 | 21.5 | 13.5 | -4.0 | -17.0 | - |
| | | September | 34.5* | 32.5 | 14.5 | -2.0 | -11.5 | -16.5 | - | |
| | | October | | | | | | | No recording | |

* Extrapolated values

RESULTATS DE LA CAMPAGNE DE MESURES 1965

| Emetteur: DIVIS | | | Polarisation horizontale | | | | | | | Fréquence: 41.465 MHz | | | | | | | | | | | | | |
|----------------------|-------------------------|-----------|---|-------|-------|--------|--------|--------|-------|-----------------------|-------|------|------|----|----|----|-----|--|--|--|--|--|--|
| Station de réception | Longueur du trajet (km) | Mois | Champ (en dB au-dessus de 1 μ V/m pour une PAR de 1 kW) dépassé pendant le pourcentage de temps indiqué | | | | | | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | | | | | | | | | | | | | | |
| Châtonnaye | 1260 | Avril | Non enregistré | | | | | | | | | | | | | | | | | | | | |
| | | Mai | 47.0 | 44.0 | 35.0 | 29.0 | 15.0 | -9.0 | -26.0 | - | | | | | | | | | | | | | |
| | | Juin | 46.0 | 41.0 | 32.0 | 28.0 | 22.0 | -2.0 | -14.0 | - | | | | | | | | | | | | | |
| | | Juillet | 37.5 | 36.0 | 30.0 | 26.0 | 21.0 | 5.0 | -12.0 | - | | | | | | | | | | | | | |
| | | Août | 35.0 | 32.0 | 24.0 | 20.0 | 12.0 | -6.0 | -17.0 | - | | | | | | | | | | | | | |
| | | Septembre | 22.0 | 16.0 | 1.0 | -6.0 | -13.0 | -19.5 | -24.0 | - | | | | | | | | | | | | | |
| | | Octobre | 40.0 | 37.0 | 25.0 | 18.0 | 8.0 | -7.0 | -17.0 | - | | | | | | | | | | | | | |
| Enköping | 1490 | Avril | Non enregistré | | | | | | | | | | | | | | | | | | | | |
| | | Mai | 55.0 | 52.0 | 43.0 | 36.0 | 22.0 | 0 | - | - | | | | | | | | | | | | | |
| | | Juin | 42.0 | 40.5 | 32.0 | 26.0 | 14.0 | -7.0 | - | - | | | | | | | | | | | | | |
| | | Juillet | 38.0 | 35.0 | 22.5 | 16.0 | 10.0 | -1.0 | - | - | | | | | | | | | | | | | |
| | | Août | 22.0 | 20.0 | 8.0 | 2.0 | -4.0 | - | - | - | | | | | | | | | | | | | |
| | | Septembre | 26.0 | 21.0 | 5.0 | -5.0 | - | - | - | - | | | | | | | | | | | | | |
| | | Octobre | 38.0 | 33.0 | 6.0 | -1.0 | -7.0 | - | - | - | | | | | | | | | | | | | |
| Morlupo | 1930 | Avril | Enregistrement insuffisant | | | | | | | | | | | | | | | | | | | | |
| | | Mai | - | 37.0 | 28.5 | 20.0 | 8.0 | - | - | - | | | | | | | | | | | | | |
| | | Juin | - | 47.0 | 42.0 | 39.0 | 34.5 | 23.5 | 11.0 | - | | | | | | | | | | | | | |
| | | Juillet | - | 47.0* | 43.0 | 40.0 | 36.5 | 29.0 | 17.0 | - | | | | | | | | | | | | | |
| | | Août | - | 35.0 | 30.0 | 25.5 | 22.0 | 12.0 | -4.5 | - | | | | | | | | | | | | | |
| | | Septembre | 30.5 | 28.5 | 17.0 | 9.5 | -1.0 | - | - | - | | | | | | | | | | | | | |
| | | Octobre | 32.0 | 29.5 | 8.0 | -7.0 | - | - | - | - | | | | | | | | | | | | | |
| Luleå | 1950 | Avril | Non enregistré | | | | | | | | | | | | | | | | | | | | |
| | | Mai | 32.0 | 29.0 | 20.5 | 14.0 | 3.0 | - | - | - | | | | | | | | | | | | | |
| | | Juin | 38.0 | 35.5 | 26.0 | 20.0 | 11.0 | -12.0* | - | - | | | | | | | | | | | | | |
| | | Juillet | 42.0 | 41.0 | 34.0 | 25.0 | 13.0 | -6.0 | - | - | | | | | | | | | | | | | |
| | | Août | 47.0 | 44.0 | 32.0 | 23.0 | 10.5 | -8.0* | - | - | | | | | | | | | | | | | |
| | | Septembre | 21.0 | 17.0 | -5.0 | - | - | - | - | - | | | | | | | | | | | | | |
| | | Octobre | 2.5 | -4.0 | - | - | - | - | - | - | | | | | | | | | | | | | |
| Sodankylä | 2220 | Avril | Non enregistré | | | | | | | | | | | | | | | | | | | | |
| | | Mai | 11.0* | 8.0* | 4.0 | 0 | -6.0 | - | - | - | | | | | | | | | | | | | |
| | | Juin | | | -6.0 | -14.0 | -22.0 | - | - | - | | | | | | | | | | | | | |
| | | Juillet | 12.0* | 8.0* | - | - | - | - | - | - | | | | | | | | | | | | | |
| | | Août | 0* | -4.0* | -18.0 | -25.0* | - | - | - | - | | | | | | | | | | | | | |
| | | Septembre | Signal insuffisant | | | | | | | | | | | | | | | | | | | | |
| | | Octobre | | | | | | | | | | | | | | | | | | | | | |
| Monte Lauro | 2510 | Avril | Non enregistré | | | | | | | | | | | | | | | | | | | | |
| | | Mai | 14.5 | 14.0 | 10.0 | 4.0 | -13.0* | - | - | - | | | | | | | | | | | | | |
| | | Juin | 16.0* | 15.0 | 11.0 | 8.0 | 4.0 | -9.0* | - | - | | | | | | | | | | | | | |
| | | Juillet | 23.0* | 17.0* | 12.0 | 9.0 | 5.5 | -12.0 | - | - | | | | | | | | | | | | | |
| | | Août | 37.0 | 33.0 | 19.0 | 13.0 | 8.5 | -1.0 | - | - | | | | | | | | | | | | | |
| | | Septembre | 2.0 | -15.0 | - | - | - | - | - | - | | | | | | | | | | | | | |
| | | Octobre | -3.0 | -8.0 | - | - | - | - | - | - | | | | | | | | | | | | | |

* Valeurs obtenues par extrapolation

RESULTS OF MEASUREMENT CAMPAIGN 1965

| Transmitter: MONTE SAMBUCO | | | Horizontal polarisation | | | | | | Frequency: 49.3 MHz | |
|----------------------------|------------------|-----------|---|-------|------|------|------|------|---------------------|------------------------------|
| Receiving station | Path length (km) | Month | Field strength (in dB above 1 μ V/m for 1 kW ERP) exceeded for specified time percentage | | | | | | | 0.05% 0.1% 0.5% 1% 2% 5% 10% |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | |
| Jurbise | 1320 | April | | | | | | | | No recording |
| | | May | - | 51.5* | 44.5 | 40.0 | 32.5 | 20.5 | 14.0 | |
| | | June | 54.0 | 52.0 | 45.0 | 38.0 | 33.0 | 25.0 | 18.0 | |
| | | July | 47.5 | 45.0 | 42.0 | 40.0 | 36.0 | 22.0 | 5.0 | |
| | | August | 45.0 | 43.5 | 32.5 | 22.0 | 14.0 | 4.5 | -1.0 | |
| | | September | 39.0 | 35.5 | 26.0 | 19.0 | 7.0 | 0 | - | |
| | | October | 30.0* | 25.0 | 14.0 | 11.0 | 8.0 | 3.5 | -1.0 | |
| Kingswood | 1590 | April | | | | | | | | No recording |
| | | May | | | | | | | | Insufficient recording |
| | | June | - | 41.0* | 33.0 | 28.5 | 23.0 | 11.0 | -3.0 | |
| | | July | 39.0* | 37.0 | 31.0 | 30.5 | 25.0 | 16.5 | 5.0 | |
| | | August | 28.5 | 26.0 | 19.5 | 16.0 | 11.0 | 3.0 | - | |
| | | September | 26.5 | 25.0 | 15.0 | 1.5 | - | - | - | |
| | | October | 17.0 | 13.0 | 2.0 | - | - | - | - | |
| Stagshaw | 1950 | April | | | | | | | | No recording |
| | | May | - | - | 29.0 | 26.0 | 22.0 | 14.0 | - | |
| | | June | 34.5 | 33.0 | 28.0 | 24.5 | 20.5 | 11.0 | - | |
| | | July | 36.0 | 34.0 | 28.0 | 25.0 | 21.5 | 13.0 | 1.0 | |
| | | August | 22.0* | 21.0* | 16.5 | 13.0 | 8.0 | - | - | |
| | | September | 27.0 | 25.0 | 9.0 | - | - | - | - | |
| | | October | 17.0 | 8.0 | - | - | - | - | - | |
| Edinburgh | 2070 | April | | | | | | | | No recording |
| | | May | 35.0 | 32.0 | 22.0 | 16.0 | 11.0 | 4.0 | 2.0 | |
| | | June | 37.0 | 34.5 | 27.0 | 22.0 | 16.0 | 6.0 | - | |
| | | July | 33.0* | 31.0* | 26.0 | 23.0 | 18.0 | 8.0 | 2.5 | |
| | | August | 24.0* | 22.0* | 15.0 | 10.0 | 5.5 | -2.0 | - | |
| | | September | - | - | 7.5 | -2.0 | - | - | - | |
| | | October | 7.0 | 4.5 | -1.0 | - | - | - | - | |

* Extrapolated values

RESULTATS DE LA CAMPAGNE DE MESURES 1965:

| Emetteur: CARCASSONNE | | | Polarisation verticale | | | | | | | Fréquence: 54.43 MHz | | | | | | | | | | | | |
|-----------------------|-------------------------|-----------|---|-------|-------|-------|-------|--------|-----|----------------------|----------------------------|------|------|----|----|----|-----|--|--|--|--|--|
| Station de réception | Longueur du trajet (km) | Mois | Champ (en dB au-dessus de 1 μ V/m pour une PAR de 1 kW) dépassé pendant le pourcentage de temps indiqué | | | | | | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | | | | | | | | | | | | | |
| Kingswood | 900 | Avril | | | | | | | | | Non enregistré | | | | | | | | | | | |
| | | Mai | | | | | | | | | Enregistrement insuffisant | | | | | | | | | | | |
| | | Juin | 10.5 | 7.0 | -3.0 | -8.0 | -12.0 | -17.0* | - | | | | | | | | | | | | | |
| | | Juillet | 12.5 | 10.0 | -2.5 | -7.0 | -10.5 | -15.0* | - | | | | | | | | | | | | | |
| | | Août | 3.0 | -1.0 | -7.0 | -10.0 | -12.5 | -15.0* | - | | | | | | | | | | | | | |
| | | Septembre | -4.0 | -6.5 | -13.5 | - | - | - | - | | | | | | | | | | | | | |
| | | Octobre | -3.0 | -7.0 | - | - | - | - | - | | | | | | | | | | | | | |
| Stagshaw | 1330 | Avril | | | | | | | | | Non enregistré | | | | | | | | | | | |
| | | Mai | - | - | - | 29.0* | 21.0 | -18.0* | - | | | | | | | | | | | | | |
| | | Juin | 29.0* | 27.0 | 20.0 | 11.0 | 0 | -21.0* | - | | | | | | | | | | | | | |
| | | Juillet | 30.0 | 27.0 | 16.5 | 11.0 | 4.0 | -17.0* | - | | | | | | | | | | | | | |
| | | Août | 29.0 | 25.0 | 12.0 | 2.0 | -12.0 | - | - | | | | | | | | | | | | | |
| | | Septembre | 16.5 | 14.0 | -8.0 | - | - | - | - | | | | | | | | | | | | | |
| | | Octobre | 11.0 | 7.0 | -12.0 | - | - | - | - | | | | | | | | | | | | | |
| Brabstermire | 1730 | Avril | | | | | | | | | Non enregistré | | | | | | | | | | | |
| | | Mai | | | | | | | | | | | | | | | | | | | | |
| | | Juin | 34.5 | 33.0 | 27.0 | 20.0 | 12.0 | -8.0 | - | | | | | | | | | | | | | |
| | | Juillet | 33.0 | 30.5 | 21.5 | 15.0 | 5.5 | -10.0 | - | | | | | | | | | | | | | |
| | | Août | 35.0 | 33.0 | 23.0 | 15.5 | 6.0 | -15.0* | - | | | | | | | | | | | | | |
| | | Septembre | -7.0 | -13.0 | - | - | - | - | - | | | | | | | | | | | | | |
| | | Octobre | | | | | | | | | Enregistrement insuffisant | | | | | | | | | | | |

* Valeurs obtenues par extrapolation

RESULTS OF MEASUREMENT CAMPAIGN 1965

| Transmitter: MELDRUM | | Horizontal polarisation | | | | | | Frequency: 58.215 MHz | |
|----------------------|------------------|-------------------------|--|-------|--------|--------|--------|-----------------------|-----|
| Receiving station | Path length (km) | Month | Field strength (in dB above 1 μ V/m for 1 kW ERP) exceeded for specified time percentage | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% |
| Limours | 1010 | April | No recording | | | | | | |
| | | May | 42.0 | 40.0 | 8.0 | -15.0* | - | - | - |
| | | June | 26.0 | 21.0 | -10.0 | - | - | - | - |
| | | July | 16.0 | 10.5 | -20.0* | - | - | - | - |
| | | August | 16.5 | 8.0 | -9.0 | -15.0* | - | - | - |
| | | September | -9.0 | -13.0 | - | - | - | - | - |
| | | October | 7.0* | 5.0* | -6.0 | -10.0 | -13.0* | - | - |
| Berlin | 1130 | April | No recording | | | | | | |
| | | May | 29.0 | 27.0 | 5.0 | -12.0 | - | - | - |
| | | June | -2.0 | -5.0 | -13.0 | -18.0 | -22.0* | - | - |
| | | July | 5.0 | 2.0 | -9.0 | -15.0 | -22.0 | - | - |
| | | August | 1.0 | -2.0 | -11.0 | -16.0 | -20.0 | - | - |
| | | September | -2.0 | -5.0 | -12.0 | -17.0 | -22.0* | - | - |
| | | October | -4.0 | -7.0 | -13.0 | -19.0 | -24.0* | - | - |
| Enköping | 1150 | April | No recording | | | | | | |
| | | May | 34.0* | 27.0 | 6.0 | 0 | -5.0* | - | - |
| | | June | 33.0 | 27.0 | -4.0* | - | - | - | - |
| | | July | 20.0 | 17.0 | 8.0 | 2.0 | -4.0* | - | - |
| | | August | 15.0 | 13.0 | -3.0 | - | - | - | - |
| | | September | 4.0 | 0.0 | - | - | - | - | - |
| | | October | 12.0* | 5.0 | - | - | - | - | - |
| Monza | 1530 | April | Insufficient recording | | | | | | |
| | | May | 30.0 | 26.0 | 2.0 | - | - | - | - |
| | | June | 32.0 | 28.0 | 10.0 | -10.0 | - | - | - |
| | | July | 35.0* | 31.0 | 19.0 | 7.0 | -15.0* | - | - |
| | | August | 28.0* | 23.5 | 3.0 | -20.0* | - | - | - |
| | | September | 18.5 | 12.0 | - | - | - | - | - |
| | | October | Insufficient signal | | | | | | |

* Extrapolated values

RESULTATS DE LA CAMPAGNE DE MESURES 1966

| Emetteur: LIMOGES | | | Polarisation horizontale | | | | | Fréquence: 41.28 MHz | |
|----------------------|-------------------------|-----------|---|-------|-------|-------|-------|----------------------|------|
| Station de réception | Longueur du trajet (km) | Mois | Champ (en dB au-dessus de 1 μ V/m pour une PAR de 1 kW) dépassé pendant le pourcentage de temps indiqué | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% |
| Stagshaw | 1060 | Avril | -20.0 | -21.0 | -23.0 | - | - | - | - |
| | | Mai | - | - | 20.0 | 10.5 | -9.0 | - | - |
| | | Juin | 32.5* | 31.0 | 27.5 | 23.0 | 14.5 | -7.5 | - |
| | | JUILLET | 32.0 | 28.5 | 20.0 | 15.0 | 6.5 | -15.5 | - |
| | | Août | 27.0 | 24.5 | 15.5 | 7.0 | -14.0 | - | - |
| | | Septembre | 12.5 | 8.5 | -11.0 | - | - | - | - |
| | | Octobre | 17.5 | 15.0 | 4.0 | -11.0 | - | - | - |
| Edinburgh | 1180 | Avril | - | 14.0* | - | - | - | - | - |
| | | Mai | 31.0 | 28.5 | 18.5 | 9.5 | -4.0 | - | - |
| | | Juin | - | 34.0* | 25.5 | 21.0 | 14.5 | -8.5 | - |
| | | JUILLET | 34.0* | 31.5 | 23.5 | 19.0 | 13.5 | 0 | - |
| | | Août | 27.0 | 25.0 | 19.0 | 14.0 | 1.0 | -17.0 | - |
| | | Septembre | 21.0 | 17.0 | 1.0 | -12.0 | - | - | - |
| | | Octobre | 16.5 | 14.0 | 3.0 | -7.0 | - | - | - |
| Orkney | 1500 | Avril | -15.0 | - | - | - | - | - | - |
| | | Mai | 40.0 | 37.5 | 29.0 | 23.5 | 14.0 | -12.0 | - |
| | | Juin | - | - | - | 39.0* | 33.0 | 17.5 | -7.5 |
| | | JUILLET | - | - | - | 40.0* | 36.5 | 22.0 | -4.5 |
| | | Août | 40.5* | 38.5 | 31.5 | 27.0 | 21.0 | 5.0 | - |
| | | Septembre | 28.0 | 24.5 | 8.5 | -5.0 | - | - | - |
| | | Octobre | 36.0 | 30.0 | 15.0 | 7.5 | -2.0 | - | - |

* Valeurs obtenues par extrapolation

RESULTS OF MEASUREMENT CAMPAIGN 1966

| Transmitter: DIVIS | | | Horizontal polarisation | | | | | | Frequency: 41.465 MHz | |
|--------------------|------------------|-----------|---|-------|-------|---------------------|-------|-------|-----------------------|--|
| Receiving station | Path length (km) | Month | Field strength (in dB above $1\mu\text{V/m}$ for 1 kW ERP) exceeded for specified time percentage | | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | |
| Châtonnaye | 1260 | April | 7.0 | 3.0 | -5.0 | -8.0 | -10.0 | -14.5 | -18.0 | |
| | | May | - | - | 29.0 | 17.0 | 5.0 | -16.0 | -19.0 | |
| | | June | - | - | 48.0* | 44.0 | 35.0 | 13.0 | -6.0 | |
| | | July | - | - | - | 49.0* | 42.0 | 19.0 | -11.0 | |
| | | August | 44.0 | 42.0 | 34.0 | 29.0 | 16.0 | -5.0 | -16.0 | |
| | | September | 33.0 | 27.0 | 7.0 | 3.0 | -3.0 | -4.0 | -21.0 | |
| | | October | 32.0 | 31.0 | 21.0 | 13.0 | 1.0 | -12.0 | -19.0 | |
| Enköping | 1490 | April | 0.5 | -2.5 | -9.0 | -12.0 | -14.0 | -17.0 | -18.5 | |
| | | May | 26.0* | 21.0 | -4.0 | -10.0 | -14.0 | - | - | |
| | | June | - | 36.0* | 30.0 | 26.0 | 17.0 | -9.0 | - | |
| | | July | - | - | 33.0 | 31.0 | 25.0 | 8.0 | -11.0 | |
| | | August | 35.0* | 32.0 | 22.0 | 15.0 | 0 | -10.0 | - | |
| | | September | 20.0 | 15.0 | -1.0 | -7.0 | -11.0 | - | - | |
| | | October | 33.0 | 25.0 | -5.0 | -10.0 | - | - | - | |
| Morlupo | 1930 | April | | | | No signal | | | | |
| | | May | - | - | - | - | 24.0 | 0 | - | |
| | | June | 35.0 | 34.0 | 32.0 | 31.0 | 28.0 | 21.0 | 7.0 | |
| | | July | 36.0 | 32.0 | 29.0 | 25.0 | 22.0 | 17.0 | 9.0 | |
| | | August | 26.0* | 24.0 | 21.0 | 20.0 | 17.0 | 2.0 | - | |
| | | September | 16.0 | 12.0 | 2.0 | -5.0 | -11.0 | - | - | |
| | | October | | | | No signal | | | | |
| Helsinki | 1940 | April | | | | Insufficient signal | | | | |
| | | May | 5.0 | 3.0 | -9.0 | - | - | - | - | |
| | | June | 46.0* | 41.0 | 26.0 | 17.0 | 10.0 | -2.0 | - | |
| | | July | - | 47.5* | 37.0 | 32.0 | 26.0 | 14.0 | - | |
| | | August | 37.0* | 33.0 | 17.0 | 6.0 | -5.0 | - | - | |
| | | September | 7.0* | 2.0 | -12.0 | - | - | - | - | |
| | | October | -5.0 | -10.0 | - | - | - | - | - | |
| Luleå | 1950 | April | -5.0 | -7.0 | -13.0 | -15.5 | -18.5 | - | - | |
| | | May | 28.0* | 26.0 | 9.0 | -10.0 | -20.0 | - | - | |
| | | June | 40.0* | 38.0* | 32.0 | 25.0 | 15.0 | -8.0 | - | |
| | | July | 41.0 | 40.0 | 34.0 | 32.0 | 28.0 | 19.0 | 1.0 | |
| | | August | 37.0* | 35.0 | 26.0 | 10.0 | -8.0 | - | - | |
| | | September | 18.0 | 15.0 | 0 | -12.0 | -20.0 | - | - | |
| | | October | 6.0 | -9.0 | -17.0 | - | - | - | - | |
| Sodankylä | 2220 | April | | | | Insufficient signal | | | | |
| | | May | 12.0 | 10.0 | -5.0 | - | - | - | - | |
| | | June | 32.0* | 30.0* | 18.0 | 9.0 | -3.0 | -17.0 | - | |
| | | July | 28.0* | 25.0 | 17.0 | 13.0 | 10.0 | -3.0 | -18.0 | |
| | | August | 2.0* | -1.0* | -11.0 | -22.0 | - | - | - | |
| | | September | 2.0 | -2.0 | -14.0 | - | - | - | - | |
| | | October | -7.0 | -11.0 | -21.0 | - | - | - | - | |
| Monte Lauro | 2510 | April | | | | Insufficient signal | | | | |
| | | May | 23.0 | 19.0 | 10.0 | 2.0 | - | - | - | |
| | | June | 22.0 | 20.0 | 13.0 | 10.0 | 4.0 | -2.0 | - | |
| | | July | 21.0 | 18.0 | 12.0 | 6.0 | 1.0 | -10.0 | - | |
| | | August | 20.0* | 17.0* | 10.0 | 7.0 | 1.0 | -9.0 | - | |
| | | September | 5.0 | 4.0 | - | - | - | - | - | |
| | | October | | | | No signal | | | | |

* Extrapolated values

RESULTATS DE LA CAMPAGNE DE MESURES 1966

| Emetteur: MONTE SAMBUCO | | | Polarisation horizontale | | | | | | Fréquence: 49.3 MHz | |
|---|-------------------------|-----------|---|-------|------|------|-------|------|---------------------|--|
| Station de réception | Longueur du trajet (km) | Mois | Champ (en dB au-dessus de 1 μ V/m pour une PAR de 1 kW) dépassé pendant le pourcentage de temps indiqué | | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | |
| Jurbise | 1320 | Avril | | | | | | | | |
| | | Mai | 37.0 | 35.0 | 27.0 | 18.0 | -5.0* | - | - | |
| | | Juin | 38.0 | 36.0 | 28.0 | 18.0 | -6.0* | - | - | |
| | | Juillet | 42.0 | 40.0 | 33.0 | 30.0 | 24.0 | 5.0 | - | |
| | | Août | 37.0 | 35.0 | 30.0 | 27.0 | 17.0 | 4.0 | - | |
| | | Septembre | 27.0 | 24.0 | 0 | - | - | - | - | |
| | | Octobre | 20.0 | 17.0 | -1.0 | - | - | - | - | |
| Kingswood (antenne horizontale) | 1590 | Avril | | | | | | | | |
| | | Mai | -7.0 | - | - | - | - | - | - | |
| | | Juin | 34.0 | 32.0 | 24.0 | 19.0 | 11.5 | -8.0 | - | |
| | | Juillet | 39.0 | 37.5 | 33.5 | 31.0 | 27.0 | 18.5 | - | |
| | | Août | 38.0 | 36.5 | 33.0 | 26.0 | 22.0 | 12.0 | - | |
| | | Septembre | 37.0 | 35.5 | 29.5 | 25.0 | 21.0 | 12.0 | - | |
| | | Octobre | 13.0 | 8.5 | - | - | - | - | - | |
| Kingswood (antenne verticale) | 1590 | Avril | | | | | | | | |
| | | Mai | 26.0 | 25.0 | 17.5 | 9.0 | 3.0 | - | - | |
| | | Juin | 35.0 | 33.5 | 30.0 | 26.0 | 20.5 | 10.0 | -3.0 | |
| | | Juillet | - | 30.5* | 24.5 | 20.5 | 16.0 | 7.0 | - | |
| | | Août | 34.0 | 32.0 | 25.0 | 21.0 | 16.0 | 6.5 | - | |
| | | Septembre | | | | | | | | |
| | | Octobre | | | | | | | | |
| Stagshaw | 1950 | Avril | | | | | | | | |
| | | Mai | 33.0 | 29.0 | 14.0 | 6.0 | - | - | - | |
| | | Juin | 34.0 | 32.0 | 27.0 | 24.5 | 22.0 | 14.0 | 1.0 | |
| | | Juillet | 29.0 | 27.5 | 24.5 | 20.5 | 16.0 | 5.0 | - | |
| | | Août | 31.0 | 29.0 | 24.5 | 22.0 | 18.5 | 4.0 | - | |
| | | Septembre | 15.5 | 12.0 | - | - | - | - | - | |
| | | Octobre | 7.0 | 2.0 | - | - | - | - | - | |
| Edinburgh | 2070 | Avril | | | | | | | | |
| | | Mai | 27.0 | 25.0 | 11.0 | 1.0 | - | - | - | |
| | | Juin | 36.5 | 35.5 | 30.5 | 27.0 | 22.0 | 11.0 | - | |
| | | Juillet | 30.0* | 28.0 | 22.0 | 18.5 | 14.0 | 5.0 | - | |
| | | Août | 26.5 | 25.5 | 21.0 | 17.0 | 11.5 | 0.5 | - | |
| | | Septembre | 14.0 | 9.5 | - | - | - | - | - | |
| | | Octobre | 11.0* | 7.0 | - | - | - | - | - | |

* Valeurs obtenues par extrapolation

RESULTS OF MEASUREMENT CAMPAIGN 1966

| Transmitter: CARCASSONNE | | | Vertical polarisation | | Frequency: 54.43 MHz | | | | |
|----------------------------------|------------------|-----------|--|-------|----------------------|--------|--------|--------|-----|
| Receiving station | Path length (km) | Month | Field strength (in dB above 1 μ V/m for 1 kW ERP) exceeded for specified time percentage | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% |
| Kingswood (horizontal aerial) | 900 | April | No recording | | | | | | |
| | | May | 0 | -2.5 | - | - | - | - | - |
| | | June | - | 28.0* | 12.0 | 0 | -10.0 | - | - |
| | | July | 18.0 | 12.5 | -8.0 | -14.0* | - | - | - |
| | | August | No recording | | | | | | |
| | | September | No recording | | | | | | |
| | | October | No recording | | | | | | |
| Kingswood (vertical aerial) | 900 | April | No signal | | | | | | |
| | | May | 1.0 | -2.5 | - | - | - | - | - |
| | | June | 34.0 | 30.0 | 17.0 | 2.5 | -5.5 | -18.0* | - |
| | | July | 19.0 | 12.0 | -5.0 | -11.0 | -16.0* | - | - |
| | | August | 16.5 | 13.0 | -3.0 | -11.0 | - | - | - |
| | | September | -11.0 | -13.0 | - | - | - | - | - |
| | | October | 3.5 | 0.5 | - | - | - | - | - |
| Stagshaw | 1330 | April | No signal | | | | | | |
| | | May | 33.5 | 31.0 | 5.5 | -6.0 | - | - | - |
| | | June | 28.0* | 27.0 | 21.0 | 15.0 | 3.0 | - | - |
| | | July | 30.5 | 27.0 | 13.0 | 6.0 | -3.0 | -18.0* | - |
| | | August | 13.5 | 10.0 | 1.0 | -6.0 | -13.0 | - | - |
| | | September | 26.5 | 22.0 | -12.0 | - | - | - | - |
| | | October | 14.0 | 11.0 | -5.0 | - | - | - | - |
| Orkney | 1760 | April | Insufficient recording | | | | | | |
| | | May | 22.5 | 18.0 | 11.5 | 0 | - | - | - |
| | | June | 36.0 | 32.0 | 22.0 | 14.5 | 2.0 | -18.0* | - |
| | | July | 30.0 | 28.0 | 22.0 | 17.5 | 11.0 | - | - |
| | | August | 28.0* | 27.0 | 22.0 | 16.0 | - | - | - |
| | | September | 19.0 | 15.0 | -0.5 | -13.0 | - | - | - |
| | | October | 14.0 | 10.0 | -3.0 | -11.5 | - | - | - |

* Extrapolated values

RESULTATS DE LA CAMPAGNE DE MESURES 1966

| Emetteur: MELDRUM | | | Polarisation horizontale | | | | | | | Fréquence : 58.215 MHz | | | | | | | | | | | | |
|----------------------|-------------------------|-----------|---|-------|--------|-------|-------|--------|-----|------------------------|--------------------|------|------|----|----|----|-----|--|--|--|--|--|
| Station de réception | Longueur du trajet (km) | Mois | Champ (en dB au-dessus de 1 μ V/m pour une PAR de 1 kW) dépassé pendant le pourcentage de temps indiqué | | | | | | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | | | | | | | | | | | | | |
| Limours | 1010 | Avril | | | | | | | | | Signal insuffisant | | | | | | | | | | | |
| | | Mai | -12.0 | - | - | - | - | - | - | | | | | | | | | | | | | |
| | | Juin | 19.5 | 12.5 | -12.5 | - | - | - | - | | | | | | | | | | | | | |
| | | Juillet | -10.0 | -12.0 | - | - | - | - | - | | | | | | | | | | | | | |
| | | Août | 26.5 | 14.0 | -12.0 | - | - | - | - | | | | | | | | | | | | | |
| | | Septembre | 6.5 | -1.0 | - | - | - | - | - | | | | | | | | | | | | | |
| | | Octobre | -13.0 | - | - | - | - | - | - | | | | | | | | | | | | | |
| Berlin | 1130 | Avril | -3.0 | -6.0 | -13.5 | -17.0 | -21.0 | - | - | | | | | | | | | | | | | |
| | | Mai | - | -5.0* | -11.0 | -13.0 | -16.0 | - | - | | | | | | | | | | | | | |
| | | Juin | 16.0 | 9.5 | -5.0 | -10.0 | -16.0 | -24.0* | - | | | | | | | | | | | | | |
| | | Juillet | 23.0 | 21.0 | 11.5 | 2.5 | -8.5 | -24.0* | - | | | | | | | | | | | | | |
| | | Août | 20.0 | 13.5 | -1.0 | -6.5 | -14.0 | -24.0* | - | | | | | | | | | | | | | |
| | | Septembre | 27.5 | 14.0 | -5.0 | -12.0 | -19.0 | - | - | | | | | | | | | | | | | |
| | | Octobre | - | -2.5* | -11.0 | -15.0 | - | - | - | | | | | | | | | | | | | |
| Enköping | 1150 | Avril | -4.0 | -6.0 | -11.0 | -14.0 | - | - | - | | | | | | | | | | | | | |
| | | Mai | -2.0 | -4.0 | -9.0 | -11.0 | - | - | - | | | | | | | | | | | | | |
| | | Juin | 9.0 | 4.0 | -5.0 | -9.0 | - | - | - | | | | | | | | | | | | | |
| | | Juillet | 26.0 | 20.0 | 2.0 | -2.0 | -9.0 | - | - | | | | | | | | | | | | | |
| | | Août | 15.0 | 11.0 | 0 | -4.0 | -8.0 | - | - | | | | | | | | | | | | | |
| | | Septembre | 10.0* | 6.0 | -1.0 | -5.0 | - | - | - | | | | | | | | | | | | | |
| | | Octobre | 1.0 | 0 | -5.0 | - | - | - | - | | | | | | | | | | | | | |
| Monza | 1530 | Avril | | | | | | | | | Aucun signal | | | | | | | | | | | |
| | | Mai | 16.0 | 11.0 | - | - | - | - | - | | | | | | | | | | | | | |
| | | Juin | 34.0 | 31.0 | 23.0 | 14.0 | -5.0 | - | - | | | | | | | | | | | | | |
| | | Juillet | 27.0 | 23.0 | 5.0 | -5.0 | - | - | - | | | | | | | | | | | | | |
| | | Août | 34.0 | 30.0 | 20.0 | 12.0 | -7.0 | - | - | | | | | | | | | | | | | |
| | | Septembre | 6.0 | -1.0 | - | - | - | - | - | | | | | | | | | | | | | |
| | | Octobre | | | | | | | | | Signal insuffisant | | | | | | | | | | | |
| Helsinki | 1600 | Avril | | | | | | | | | Non enregistré | | | | | | | | | | | |
| | | Mai | | | | | | | | | Signal insuffisant | | | | | | | | | | | |
| | | Juin | 25.0* | 23.0* | 12.0 | -6.0 | - | - | - | | | | | | | | | | | | | |
| | | Juillet | 30.0* | 27.0 | 4.0 | -6.0 | - | - | - | | | | | | | | | | | | | |
| | | Août | 2.0 | -5.0 | -12.0* | - | - | - | - | | | | | | | | | | | | | |
| | | Septembre | | | | | | | | | Signal insuffisant | | | | | | | | | | | |
| | | Octobre | | | | | | | | | | | | | | | | | | | | |

* Valeurs obtenues par extrapolation

RESULTS OF MEASUREMENT CAMPAIGN 1967

| Transmitter: LIMOGES | | | Horizontal polarisation | | | | | | | Frequency: 41.28 MHz | |
|----------------------|------------------|-----------|---|-------|------|-------|-------|--------|-------|----------------------|--|
| Receiving station | Path length (km) | Month | Field strength (in dB above $1\mu\text{V/m}$ for 1 kW ERP) exceeded for specified time percentage | | | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | | |
| Stagshaw | 1060 | April | -11.5 | -13.5 | - | - | - | - | - | - | |
| | | May | 21.5 | 18.5 | 0.5 | -13.0 | - | - | - | - | |
| | | June | 31.5 | 29.5 | 23.0 | 18.5 | 13.0 | -11.0* | - | - | |
| | | July | 35.5* | 33.0* | 24.0 | 19.0 | 13.5 | -9.0 | - | - | |
| | | August | 31.5 | 26.5 | 14.5 | 7.5 | -2.0 | -17.0* | - | - | |
| | | September | 20.5 | 14.0 | -9.5 | -13.5 | - | - | - | - | |
| | | October | 34.0* | 31.5 | 16.0 | -7.0 | -13.5 | - | - | - | |
| Edinburgh | 1180 | April | -4.0* | -7.0 | - | - | - | - | - | - | |
| | | May | 27.0 | 24.5 | 8.0 | -6.0 | -13.0 | - | - | - | |
| | | June | 33.0 | 31.0 | 24.0 | 19.0 | 12.5 | -7.5 | - | - | |
| | | July | 32.0 | 29.0 | 21.0 | 16.0 | 10.0 | -8.0 | - | - | |
| | | August | 30.0 | 27.0 | 18.0 | 12.0 | 5.0 | -10.0 | - | - | |
| | | September | 31.0 | 24.0 | 1.0 | -9.5 | -15.5 | - | - | - | |
| | | October | No recording | | | | | | | | |
| Orkney | 1500 | April | 29.0 | 26.0 | -4.0 | -14.5 | - | - | - | - | |
| | | May | 34.0* | 32.5 | 24.0 | 13.0 | -12.5 | - | - | - | |
| | | June | 31.0 | 28.0 | 20.0 | 16.5 | 12.0 | -2.0 | -14.5 | - | |
| | | July | - | 32.5* | 29.0 | 25.5 | 21.0 | 11.0 | -6.0 | - | |
| | | August | 34.0* | 32.0 | 24.5 | 20.0 | 14.5 | 0.5 | -10.5 | - | |
| | | September | 34.5* | 32.0 | 21.5 | 10.0 | -6.5 | -13.5 | - | - | |
| | | October | - | 34.5* | -2.0 | -10.0 | -12.5 | - | - | - | |

* Extrapolated values

RESULTATS DE LA CAMPAGNE DE MESURES 1967

| Emetteur: DIVIS | | Polarisation horizontale | | | | | | Fréquence : 41.465 MHz | |
|----------------------|-------------------------|--------------------------|--|-------|-------|-------|-------|------------------------|-------|
| Station de réception | Longueur du trajet (km) | Mois | Champ (en dB au-dessus de 1 µV/m pour une PAR de 1 kW) dépassé pendant le pourcentage de temps indiqué | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% |
| Châtonnaye | 1260 | Avril | 28.5 | 25.5 | -9.0 | -16.5 | -21.0 | -25.0 | - |
| | | Mai | 39.5 | 32.5 | 4.0 | -5.5 | -11.0 | -16.0 | -20.5 |
| | | Juin | - | - | 38.0 | 31.0 | 24.0 | 11.5 | -10.5 |
| | | Juillet | 44.0* | 41.5 | 35.0 | 31.5 | 27.0 | 13.0 | -11.0 |
| | | Août | 35.0* | 33.0 | 24.0 | 16.0 | 6.0 | -11.5 | -18.5 |
| | | Septembre | 42.0 | 39.0 | 16.0 | -2.0 | -10.5 | -18.5 | -22.5 |
| | | Octobre | 27.5 | 24.0 | 14.0 | -2.0 | -9.0 | -18.0 | -23.0 |
| Enköping | 1490 | Avril | -2.5 | -6.0 | -12.0 | -15.0 | -17.0 | - | - |
| | | Mai | - | 27.0* | 14.0 | -5.0 | -11.0 | -16.0 | -19.0 |
| | | Juin | 40.0 | 38.5 | 32.0 | 24.0 | 7.5 | -12.0 | -15.5 |
| | | Juillet | 31.0 | 29.0 | 20.0 | 12.5 | -2.0 | -13.0 | - |
| | | Août | 43.0 | 41.5 | 35.5 | 29.5 | 20.0 | 0 | -9.0 |
| | | Septembre | 40.0* | 38.0* | 28.0 | 9.0 | -7.0 | -13.0 | -16.0 |
| | | Octobre | 5.0 | 2.0 | -6.5 | -10.0 | -13.0 | -16.0 | - |
| Morlupo | 1930 | Avril | 14.0 | 5.0 | -6.0 | - | - | - | - |
| | | Mai | 32.5 | 30.0 | 24.5 | 21.0 | 4.0 | - | - |
| | | Juin | 39.0* | 37.0* | 30.5 | 27.0 | 25.0 | 21.5 | 15.5 |
| | | Juillet | 33.0 | 32.0 | 27.5 | 24.5 | 19.5 | 6.0 | - |
| | | Août | 29.5 | 24.5 | -3.5 | - | - | - | - |
| | | Septembre | 21.0 | 18.0 | 5.5 | -3.0 | - | - | - |
| | | Octobre | - | - | - | 17.0* | -4.0 | - | - |
| Helsinki | 1940 | Avril | Signal insuffisant | | | | | | |
| | | Mai | 16.5* | 14.0 | 5.5 | -6.5 | -20.0 | - | - |
| | | Juin | 25.5* | 24.5 | 21.0 | 18.0 | 11.5 | -18.0 | - |
| | | Juillet | 32.5 | 30.0 | 20.0 | 12.0 | 2.5 | -16.0 | - |
| | | Août | 36.0* | 34.5 | 30.0 | 26.0 | 20.5 | 0 | - |
| | | Septembre | 28.0 | 25.5 | 1.0 | -3.0 | -15.0 | - | - |
| | | Octobre | -1.0 | -8.0 | -19.0 | - | - | - | - |
| Luleå | 1950 | Avril | Signal insuffisant | | | | | | |
| | | Mai | 16.0 | 12.5 | -3.5 | -15.0 | - | - | - |
| | | Juin | 33.0 | 31.5 | 26.0 | 22.0 | 16.5 | -15.0 | - |
| | | Juillet | 34.0 | 31.0 | 22.0 | 17.0 | 7.0 | -19.0 | - |
| | | Août | 41.0 | 39.0 | 31.0 | 26.5 | 11.0 | -16.0 | - |
| | | Septembre | 40.5* | 37.0* | 21.0 | 5.0 | - | - | - |
| | | Octobre | 24.0 | 17.0 | -15.0 | - | - | - | - |
| Sodankylä | 2220 | Avril | -13.5 | -19.0 | - | - | - | - | - |
| | | Mai | 4.0 | 2.0 | -6.5 | -13.0 | -22.0 | - | - |
| | | Juin | 20.5* | 18.5* | 10.0 | 2.0 | -8.0 | - | - |
| | | Juillet | 17.0* | 15.0 | 7.0 | -2.0 | -14.0 | - | - |
| | | Août | 12.0 | 9.0 | 0 | -7.0 | -17.0 | - | - |
| | | Septembre | 14.0 | 11.0 | -7.0 | -21.0 | - | - | - |
| | | Octobre | -1.5 | -6.0 | - | - | - | - | - |
| Monte Lauro | 2510 | Avril | Signal insuffisant | | | | | | |
| | | Mai | 1.0* | -0.5* | -6.0 | -10.0 | - | - | - |
| | | Juin | 13.5 | 9.0 | -0.5 | -4.0 | -8.0 | -15.0* | - |
| | | Juillet | 18.5* | 17.0* | 11.5 | 8.0 | 4.5 | -1.5 | -10.0 |
| | | Août | 21.5 | 19.5 | 13.5 | 10.0 | 6.0 | -3.0 | - |
| | | Septembre | -3.0* | -6.0 | - | - | - | - | - |
| | | Octobre | -5.0 | -6.5 | -11.5 | - | - | - | - |

* Valeurs obtenues par extrapolation

RESULTS OF MEASUREMENT CAMPAIGN 1967

| Transmitter: MONTE SAMBUCO | | | Horizontal polarisation | | | | | | Frequency: 49.3 MHz | |
|----------------------------------|------------------|-----------|---|-------|-------|-------|------|-------|---------------------|------------------------|
| Receiving station | Path length (km) | Month | Field strength (in dB above $1\mu\text{V/m}$ for 1 kW ERP) exceeded for specified time percentage | | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | |
| Jurbise | 1320 | April | | | | | | | | No signal |
| | | May | 24.0 | 21.5 | 9.5 | 0 | - | - | - | |
| | | June | 40.0* | 37.5 | 31.0 | 26.0 | 20.0 | 0 | - | |
| | | July | 37.5 | 34.0 | 27.0 | 23.0 | 18.0 | 7.0 | - | |
| | | August | 14.0 | 12.5 | 8.0 | 5.0 | 2.0 | -3.0* | - | |
| | | September | 14.0 | 12.0 | - | - | - | - | - | |
| | | October | 13.5 | 8.0 | - | - | - | - | - | |
| Kingswood (horizontal aerial) | 1590 | April | 4.0 | 0.5 | - | - | - | - | - | |
| | | May | 32.0 | 31.0 | 16.5 | 3.0 | - | - | - | |
| | | June | 39.5* | 38.5 | 34.0 | 30.5 | 25.5 | 12.0 | - | |
| | | July | 36.5 | 35.0 | 30.5 | 28.0 | 24.0 | 14.0 | 4.0 | |
| | | August | 17.0 | 15.0 | 9.0 | 6.0 | 2.0 | -5.0 | - | |
| | | September | 4.0 | 2.0 | -6.0 | - | - | - | - | |
| | | October | 17.0 | 14.5 | 1.0 | - | - | - | - | |
| Kingswood (vertical aerial) | 1590 | April | | | | | | | | No recording |
| | | May | - | - | 11.5 | - | - | - | - | |
| | | June | - | - | 27.5 | 24.5 | 20.0 | 5.0* | - | |
| | | July | - | - | 26.0 | 22.5 | 18.0 | 8.0 | - | |
| | | August | 15.0 | 13.5 | 8.0 | - | - | - | - | |
| | | September | | | | | | | | No signal |
| | | October | 19.5 | 16.0 | - | - | - | - | - | |
| Stagshaw | 1950 | April | | | | | | | | Insufficient recording |
| | | May | - | - | 6.0 | -1.0 | - | - | - | |
| | | June | 22.0* | 21.0* | 18.0 | 15.5 | 13.0 | 4.5 | - | |
| | | July | - | - | 21.0* | 18.0 | 14.0 | 6.0 | - | |
| | | August | 8.5 | 5.0 | 0.5 | -1.5 | - | - | - | |
| | | September | | | | | | | | Insufficient signal |
| | | October | 8.0 | 5.5 | -1.5 | - | - | - | - | |
| Edinburgh | 2070 | April | 21.0* | 17.0 | - | - | - | - | - | |
| | | May | 19.5* | 17.0 | 7.5 | -1.0 | - | - | - | |
| | | June | 31.5* | 30.0* | 24.5 | 21.0 | 16.0 | 4.0 | - | |
| | | July | 32.0* | 31.0* | 27.0 | 24.5 | 21.0 | 14.0 | 2.0 | |
| | | August | 17.0 | 15.5 | 10.0 | 6.5 | 2.0 | - | - | |
| | | September | 12.0* | 10.0* | 3.0 | -2.5* | - | - | - | |
| | | October | | | | | | | | No recording |

* Extrapolated values

RESULTATS DE LA CAMPAGNE DE MESURES 1967

| Emetteur: CARCASSONNE | | Polarisation verticale | | Fréquence: 54.43 MHz | | | | | | |
|---|-------------------------|------------------------|---|----------------------|--------|--------------------|--------|-------|----|-----|
| Station de réception | Longueur du trajet (km) | Mois | Champ (en dB au-dessus de 1 μ V/m pour une PAR de 1 kW) dépassé pendant le pourcentage de temps indiqué | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% |
| Kingswood (antenne horizontale) | 900 | Avril | Non enregistré | | | | | | | |
| | | Mai | Aucun signal | | | | | | | |
| | | Juin | - | 20.0* | 8.5 | -4.5 | -14.5* | - | - | - |
| | | Juillet | 18.0* | 15.5 | 3.0 | -11.0 | -19.5* | - | - | - |
| | | Août | 3.5 | -1.5 | -18.0 | - | - | - | - | - |
| | | Septembre | | | | Signal insuffisant | | | | |
| | | Octobre | -16.5 | -19.5* | - | - | - | - | - | - |
| Kingswood (antenne verticale) | 900 | Avril | Signal insuffisant | | | | | | | |
| | | Mai | 7.0 | 4.0 | -14.5 | - | - | - | - | - |
| | | Juin | 26.0 | 23.5 | 12.0 | -1.5 | -12.5 | - | - | - |
| | | Juillet | 22.5 | 19.5 | 8.0 | -7.0 | -15.0 | - | - | - |
| | | Août | 1.0 | -3.0 | -11.5 | -15.5 | - | - | - | - |
| | | Septembre | -11.0* | -12.5* | - | - | - | - | - | - |
| | | Octobre | -10.0* | -12.0* | -19.0* | - | - | - | - | - |
| Stagshaw | 1330 | Avril | Aucun signal | | | | | | | |
| | | Mai | 18.0 | 10.5 | -12.0 | - | - | - | - | - |
| | | Juin | 29.5* | 29.0* | 25.5 | 21.0 | 13.5 | -8.5 | - | - |
| | | Juillet | 32.5 | 30.0 | 22.5 | 18.0 | 11.0 | -9.0 | - | - |
| | | Août | 24.5 | 23.0 | 15.0 | 7.0 | -2.0 | - | - | - |
| | | Septembre | 11.0 | 1.0 | -7.5 | - | - | - | - | - |
| | | Octobre | 11.0 | -3.0 | - | - | - | - | - | - |
| Orkney | 1760 | Avril | 17.0 | 10.0 | -15.0 | - | - | - | - | - |
| | | Mai | 24.5 | 21.0 | 0.5 | -13.0 | - | - | - | - |
| | | Juin | 32.5* | 31.0* | 25.5 | 22.0 | 15.5 | -7.5 | - | - |
| | | Juillet | 32.0* | 30.5* | 24.0 | 19.0 | 12.5 | -6.0 | - | - |
| | | Août | 29.0* | 27.0 | 19.5 | 12.5 | 4.0 | -14.0 | - | - |
| | | Septembre | 18.5 | 10.0 | -12.5 | - | - | - | - | - |
| | | Octobre | 12.0 | 1.0 | - | - | - | - | - | - |

* Valeurs obtenues par extrapolation

RESULTS OF MEASUREMENT CAMPAIGN 1967

| Transmitter: MELDRUM | | | Horizontal polarisation | | | | | | | Frequency: 58.215 MHz | | | | | | | |
|----------------------|------------------|-----------|---|-------|-------|--------|--------|--------|-----|-----------------------|-------|------|------|------|------|------|------|
| Receiving station | Path length (km) | Month | Field strength (in dB above $1 \mu\text{V/m}$ for 1 kW ERP) exceeded for specified time percentage | | | | | | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | | | | | | | | |
| Limours | 1010 | April | -8.5 | - | - | - | - | - | - | No recording | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 |
| | | May | - | - | - | - | - | - | - | Insufficient signal | | | | | | | |
| | | June | - | - | - | - | - | - | - | Insufficient signal | | | | | | | |
| | | July | - | - | - | - | - | - | - | Insufficient signal | | | | | | | |
| | | August | 7.0 | -2.0 | - | - | - | - | - | Insufficient signal | | | | | | | |
| | | September | - | - | - | - | - | - | - | Insufficient signal | | | | | | | |
| | | October | - | - | - | - | - | - | - | Insufficient signal | | | | | | | |
| Berlin | 1130 | April | -9.0 | -11.0 | -16.0 | -19.0* | - | - | - | Insufficient signal | 1130 | 1130 | 1130 | 1130 | 1130 | 1130 | 1130 |
| | | May | -1.0 | -5.0 | -13.0 | -16.0 | -18.0* | - | - | Insufficient signal | | | | | | | |
| | | June | 8.0 | 4.5 | -9.5 | -14.0 | -17.0* | - | - | Insufficient signal | | | | | | | |
| | | July | 10.5 | 8.0 | -7.0 | -11.5 | -15.0 | - | - | Insufficient signal | | | | | | | |
| | | August | 9.0 | 6.5 | -7.0 | -12.0 | -17.0* | - | - | Insufficient signal | | | | | | | |
| | | September | -3.0 | -8.0 | -16.0 | - | - | - | - | Insufficient signal | | | | | | | |
| | | October | -8.0 | -9.5 | -13.5 | -15.5* | -17.0* | - | - | Insufficient signal | | | | | | | |
| Enköping | 1150 | April | -4.0 | -6.0 | -13.0 | -17.0 | - | - | - | Insufficient signal | 1150 | 1150 | 1150 | 1150 | 1150 | 1150 | 1150 |
| | | May | 0 | -2.0 | -7.0 | -10.5 | -14.0 | - | - | Insufficient signal | | | | | | | |
| | | June | 5.0 | 2.0 | -4.0 | -8.0 | -11.0 | - | - | Insufficient signal | | | | | | | |
| | | July | 13.0 | 7.0 | -6.0 | -9.0 | -12.0 | - | - | Insufficient signal | | | | | | | |
| | | August | 24.0 | 20.0 | 5.0 | -2.0 | -7.0 | -13.0 | - | Insufficient signal | | | | | | | |
| | | September | 33.0 | 26.0 | -3.0 | -7.0 | -10.5 | -15.5 | - | Insufficient signal | | | | | | | |
| | | October | 16.0* | 12.0* | -4.0 | -8.0 | -11.0 | - | - | Insufficient signal | | | | | | | |
| Helsinki | 1600 | April | - | - | - | - | - | - | - | Insufficient signal | 1600 | 1600 | 1600 | 1600 | 1600 | 1600 | 1600 |
| | | May | 15.0 | 0 | -15.0 | -18.0 | -21.0 | - | - | Insufficient signal | | | | | | | |
| | | June | 15.0 | 8.0 | -15.0 | -23.0* | - | - | - | Insufficient signal | | | | | | | |
| | | July | 25.5 | 21.5 | 0.5 | -10.5 | -20.0 | - | - | Insufficient signal | | | | | | | |
| | | August | 24.5 | 21.5 | -3.0 | -13.5 | -21.0* | - | - | Insufficient signal | | | | | | | |
| | | September | 12.5 | 6.5 | -21.0 | - | - | - | - | Insufficient signal | | | | | | | |
| | | October | - | - | - | - | - | - | - | Insufficient signal | | | | | | | |
| Morlupo | 1990 | April | 2.5 | 0.5 | - | - | - | - | - | No signal | 1990 | 1990 | 1990 | 1990 | 1990 | 1990 | 1990 |
| | | May | - | - | - | - | - | - | - | No signal | | | | | | | |
| | | June | 26.0 | 22.5 | 2.0 | -6.5 | -11.0 | - | - | No signal | | | | | | | |
| | | July | 35.5* | 32.5 | 25.0 | 20.0 | 12.0 | -9.0 | - | No signal | | | | | | | |
| | | August | 24.0* | 23.0 | 16.5 | 7.0 | -6.5 | -23.0* | - | No signal | | | | | | | |
| | | September | 4.5 | 0.5 | -12.0 | -24.0* | - | - | - | No signal | | | | | | | |
| | | October | -14.5 | -20.5 | - | - | - | - | - | No signal | | | | | | | |

Extrapolated values

RESULTATS DE LA CAMPAGNE DE MESURES 1968

| Emetteur: LIMOGES | | Polarisation horizontale | | | | | | Fréquence: 41.28 MHz | |
|----------------------|-------------------------|--------------------------|---|-------|-------|-------|-------|----------------------|------|
| Station de réception | Longueur du trajet (km) | Mois | Champ (en dB au-dessus de 1 μ V/m pour une PAR de 1 kW) dépassé pendant le pourcentage de temps indiqué | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% |
| Stagshaw | 1060 | Avril | -6.0 | -9.5 | - | - | - | - | - |
| | | Mai | 9.0 | 2.5 | -14.0 | - | - | - | - |
| | | Juin | 32.5* | 31.5 | 27.0 | 23.0 | 17.5 | -1.0 | - |
| | | Juillet | 21.0 | 19.0 | 12.5 | 6.0 | -6.0 | - | - |
| | | Août | 28.5 | 26.0 | 14.0 | 3.0 | -12.5 | - | - |
| | | Septembre | 21.5 | 13.0 | -7.0 | -15.0 | - | - | - |
| | | Octobre | 0 | -2.0 | -8.0 | -12.0 | - | - | - |
| Edinburgh | 1180 | Avril | 1.0 | -3.5 | -15.0 | - | - | - | - |
| | | Mai | 6.5 | 2.0 | -14.0 | - | - | - | - |
| | | Juin | 28.5 | 26.0 | 16.0 | 11.0 | 5.5 | -14.5 | - |
| | | Juillet | 20.5 | 17.5 | 10.0 | 5.0 | -2.0 | - | - |
| | | Août | Enregistrement insuffisant | | | | | | |
| | | Septembre | 25.5 | 21.5 | 0 | -15.0 | - | - | - |
| | | Octobre | -1.0 | -5.0 | -14.0 | - | - | - | - |
| Orkney | 1500 | Avril | 28.0 | 23.0 | -15.5 | - | - | - | - |
| | | Mai | 29.0 | 25.5 | 15.0 | 2.0 | -15.0 | - | - |
| | | Juin | - | 35.0* | 28.5 | 25.0 | 20.5 | 10.5 | -6.0 |
| | | Juillet | 32.5 | 30.0 | 24.0 | 21.0 | 17.0 | 2.5 | - |
| | | Août | 31.5 | 30.0 | 23.0 | 18.0 | 11.0 | -13.5 | - |
| | | Septembre | 25.0 | 20.0 | 4.5 | -5.0 | - | - | - |
| | | Octobre | 16.5 | 12.0 | -4.5 | - | - | - | - |

* Valeurs obtenues par extrapolation

RESULTS OF MEASUREMENT CAMPAIGN 1968

| Transmitter: DIVIS | | | Horizontal polarisation | | | | | | | Frequency: 41.465 MHz | | | | | | | |
|--------------------|------------------|-----------|---|-------|-------|-------|-------|--------|------|-----------------------|-------|------|------|----|----|----|-----|
| Receiving station | Path length (km) | Month | Field strength (in dB above $1\mu\text{V/m}$ for 1 kW ERP) exceeded for specified time percentage | | | | | | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | | | | | | | | |
| Châtonnaye | 1260 | April | 8.5 | 4.0 | -2.0 | -4.5 | -7.0 | -14.0 | - | | | | | | | | |
| | | May | 27.0 | 21.0 | -5.0 | -10.0 | -13.0 | - | - | | | | | | | | |
| | | June | 46.0 | 44.5 | 40.0 | 37.0 | 32.5 | 18.5 | -2.0 | | | | | | | | |
| | | July | 40.5 | 38.5 | 30.0 | 20.5 | 6.5 | -13.0 | - | | | | | | | | |
| | | August | 41.0 | 39.0 | 30.5 | 22.0 | 8.0 | -11.0 | - | | | | | | | | |
| | | September | 34.0 | 28.5 | 16.0 | 1.5 | -6.0 | -13.0 | - | | | | | | | | |
| | | October | 11.5 | 3.5 | -8.0 | -14.5 | - | - | - | | | | | | | | |
| Enköping | 1490 | April | -3.0 | -5.0 | -11.0 | - | - | - | - | | | | | | | | |
| | | May | 1.0 | -2.0 | -7.0 | -10.0 | - | - | - | | | | | | | | |
| | | June | 33.0 | 32.0 | 28.0 | 24.0 | 18.0 | -1.0 | - | | | | | | | | |
| | | July | 34.0 | 32.0 | 26.0 | 21.0 | 8.0 | -9.0 | - | | | | | | | | |
| | | August | 36.0 | 33.0 | 24.0 | 15.0 | 3.0 | - | - | | | | | | | | |
| | | September | 7.0 | 3.0 | -7.0 | -10.0 | - | - | - | | | | | | | | |
| | | October | 35.0 | 34.0 | 5.0 | -7.0 | - | - | - | | | | | | | | |
| Morlupo | 1930 | April | No recording | | | | | | | | | | | | | | |
| | | May | 27.0* | 26.0* | 19.5 | 14.0 | 2.0 | -16.5 | - | | | | | | | | |
| | | June | 37.0* | 35.0 | 29.5 | 26.5 | 23.5 | 17.0 | 8.5 | | | | | | | | |
| | | July | 36.0* | 35.0 | 31.5 | 29.0 | 25.0 | 15.0 | 1.0 | | | | | | | | |
| | | August | 31.0 | 29.0 | 24.0 | 20.5 | 15.5 | 6.0 | -8.0 | | | | | | | | |
| | | September | 27.0 | 25.0 | 18.0 | 12.0 | 3.0 | -20.0 | - | | | | | | | | |
| | | October | 23.0 | 21.5 | 13.0 | 3.0 | -16.0 | - | - | | | | | | | | |
| Helsinki | 1940 | April | 20.0 | 14.5 | -14.0 | - | - | - | - | | | | | | | | |
| | | May | -8.5 | -11.5 | - | - | - | - | - | | | | | | | | |
| | | June | 36.0* | 35.0 | 31.0 | 28.0 | 22.0 | 3.0 | - | | | | | | | | |
| | | July | 36.0* | 34.0 | 26.0 | 18.0 | 6.0 | -17.0* | - | | | | | | | | |
| | | August | 36.0* | 31.5 | 21.0 | 15.0 | 6.0 | -15.0 | - | | | | | | | | |
| | | September | 22.5 | 17.5 | -10.5 | - | - | - | - | | | | | | | | |
| | | October | - | 16.0* | 0 | -13.0 | - | - | - | | | | | | | | |
| Luleå | 1950 | April | 17.0* | 9.0 | -19.0 | - | - | - | - | | | | | | | | |
| | | May | 24.0 | 22.0 | -11.0 | - | - | - | - | | | | | | | | |
| | | June | 39.0 | 37.0 | 30.0 | 23.0 | 11.0 | -15.0 | - | | | | | | | | |
| | | July | 41.0 | 39.5 | 29.0 | 10.0 | -7.0 | - | - | | | | | | | | |
| | | August | 28.0 | 22.0 | 5.0 | -7.0 | -16.0 | - | - | | | | | | | | |
| | | September | 0 | -6.0 | - | - | - | - | - | | | | | | | | |
| | | October | 33.0 | 31.0 | 18.0 | 4.0 | - | - | - | | | | | | | | |
| Sodankylä | 2220 | April | -4.0 | -9.0 | - | - | - | - | - | | | | | | | | |
| | | May | 5.0 | 2.5 | -9.0 | - | - | - | - | | | | | | | | |
| | | June | 21.0 | 18.0 | 7.5 | 1.0 | -7.5 | -19.0* | - | | | | | | | | |
| | | July | 35.0 | 31.5 | 6.5 | -6.0 | - | - | - | | | | | | | | |
| | | August | 19.0 | 16.0 | - | - | - | - | - | | | | | | | | |
| | | September | -10.0 | -13.0 | - | - | - | - | - | | | | | | | | |
| | | October | 16.0* | 12.5 | 0 | -13.0 | - | - | - | | | | | | | | |
| Monte Lauro | 2510 | April | No recording | | | | | | | | | | | | | | |
| | | May | 25.5* | 22.5 | 14.0 | 10.0 | 2.0 | -16.0 | - | | | | | | | | |
| | | June | 26.0* | 25.0 | 20.0 | 16.0 | 11.0 | -1.0 | - | | | | | | | | |
| | | July | No recording | | | | | | | | | | | | | | |
| | | August | Insufficient recording | | | | | | | | | | | | | | |
| | | September | 11.0 | | | | | | | | | | | | | | |
| | | October | 8.0 | | | | | | | | | | | | | | |

* Extrapolated values

RESULTATS DE LA CAMPAGNE DE MESURES 1968

| Emetteur: MONTE SAMBUCO | | Polarisation horizontale | | | | | | Fréquence: 49.3 MHz | |
|-------------------------|-------------------------|--------------------------|---|-------|-------|------|------|---------------------|------|
| Station de réception | Longueur du trajet (km) | Mois | Champ (en dB au-dessus de 1 μ V/m pour une PAR de 1 kW) dépassé pendant le pourcentage de temps indiqué | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% |
| Jurbise | 1320 | Avril | -1.0 | - | - | - | - | - | - |
| | | Mai | 22.0 | 19.5 | 15.0 | 8.0 | -1.0 | - | - |
| | | Juin | 36.5 | 35.5 | 31.5 | 28.0 | 22.0 | 8.5 | - |
| | | JUILLET | 32.5* | 31.5* | 27.0 | 23.5 | 18.5 | 9.5 | -3.0 |
| | | Août | 23.5 | 21.5 | 14.0 | 8.0 | 2.0 | - | - |
| | | Septembre | 11.0 | 7.0 | - | - | - | - | - |
| | | Octobre | 11.0 | 7.5 | -4.0 | - | - | - | - |
| Kingswood | 1590 | Avril | Aucun signal | | | | | | |
| | | Mai | 30.5* | 28.5* | 20.5 | 13.5 | -1.0 | - | - |
| | | Juin | 34.5 | 33.0 | 28.0 | 24.5 | 20.0 | 10.5 | - |
| | | JUILLET | 37.0 | 36.0 | 31.5 | 28.0 | 21.0 | 9.5 | - |
| | | Août | 23.0 | 21.0 | 15.0 | 10.0 | 2.0 | - | - |
| | | Septembre | 7.5 | 4.0 | - | - | - | - | - |
| | | Octobre | 12.5 | 9.5 | -0.5 | - | - | - | - |
| Stagshaw | 1950 | Avril | Signal insuffisant | | | | | | |
| | | Mai | 15.5 | 14.0 | 7.0 | 1.5 | - | - | - |
| | | Juin | 22.0* | 21.5* | 18.5 | 16.5 | 14.0 | 7.0 | - |
| | | JUILLET | 29.5* | 28.0 | 24.0 | 19.0 | 14.0 | 1.0 | - |
| | | Août | 20.5* | 18.0 | 11.0 | 6.0 | -1.5 | - | - |
| | | Septembre | 5.5 | 2.0 | -6.5* | - | - | - | - |
| | | Octobre | 5.5 | 2.5 | - | - | - | - | - |
| Edinburgh | 2070 | Avril | 12.0 | 9.0 | - | - | - | - | - |
| | | Mai | 19.5 | 17.5 | 8.0 | -1.0 | - | - | - |
| | | Juin | 28.5 | 28.0 | 25.5 | 23.5 | 17.5 | 3.0 | - |
| | | JUILLET | 27.5 | 26.0 | 21.0 | 17.0 | 11.0 | -1.0 | - |
| | | Août | Enregistrement insuffisant | | | | | | |
| | | Septembre | 10.5 | 6.5 | - | - | - | - | - |
| | | Octobre | 6.5 | 2.5 | - | - | - | - | - |

* Valeurs obtenues par extrapolation

RESULTS OF MEASUREMENT CAMPAIGN 1968

| Transmitter: CARCASSONNE | | Vertical polarisation | | Frequency: 54.43 MHz | | | | | | | |
|--------------------------|------------------|-----------------------|-------|---|-------|--------|--------|--------|--------|-----|---------------------|
| Receiving station | Path length (km) | Month | | Field strength (in dB above $1\mu\text{V/m}$ for 1 kW ERF) exceeded for specified time percentage | | | | | | | |
| | | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | |
| Kingswood | 900 | April | | | | | | | | | No signal |
| | | May | 21.0* | 16.0 | -9.0 | - | - | - | - | - | |
| | | June | 20.0 | 17.0 | -1.0 | -10.5 | - | - | - | - | |
| | | July | 12.0 | 5.0 | -10.0 | -18.0* | - | - | - | - | |
| | | August | -3.5 | -6.0 | - | - | - | - | - | - | |
| | | September | -3.5 | -8.5 | - | - | - | - | - | - | |
| | | October | -8.0 | -12.0 | - | - | - | - | - | - | |
| Stagshaw | 1330 | April | | | | | | | | | Insufficient signal |
| | | May | 22.0 | 16.5 | -5.0 | -14.0 | - | - | - | - | |
| | | June | 34.0 | 31.5 | 24.5 | 20.0 | 13.0 | -3.0 | - | - | |
| | | July | 28.5* | 27.0 | 17.5 | 4.0 | -6.5 | - | - | - | |
| | | August | 11.0 | 7.5 | -6.0 | -17.0 | - | - | - | - | |
| | | September | 17.5 | 11.5 | -16.5 | - | - | - | - | - | |
| | | October | 0.5 | -3.5 | - | - | - | - | - | - | |
| Orkney | 1760 | April | -11.0 | -12.5 | - | - | - | - | - | - | |
| | | May | 29.5* | 19.0 | -12.0 | - | - | - | - | - | |
| | | June | 36.5 | 35.5 | 31.5 | 27.5 | 20.0 | 5.0 | -15.0* | - | |
| | | July | 31.5 | 30.0 | 23.0 | 17.5 | 7.0 | -18.0* | - | - | |
| | | August | 23.5 | 21.0 | 12.5 | 4.0 | -15.0* | - | - | - | |
| | | September | 7.5 | 3.5 | - | - | - | - | - | - | |
| | | October | | | | | | | | | Insufficient signal |

* Extrapolated values

RESULTATS DE LA CAMPAGNE DE MESURES 1968

| Emetteur: MELDRUM | | Polarisation horizontale | | | | | | | Fréquence : 58.215 MHz | |
|----------------------|-------------------------|--------------------------|--|-------|-------|-------|-------|-------|------------------------|----------------------------|
| Station de réception | Longueur du trajet (km) | Mois | Champ (en dB au-dessus de 1 µV/m pour une PAR de 1 kW) dépassé pendant le pourcentage de temps indiqué | | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | |
| Limours | 1010 | Avril | | | | | | | | Aucun signal |
| | | Mai | | | | | | | | Signal insuffisant |
| | | Juin | 37.5 | 35.0 | 19.0 | -0.5 | - | - | - | |
| | | Juillet | 11.0 | 1.0 | - | - | - | - | - | |
| | | Août | 5.5 | 2.0 | -10.0 | - | - | - | - | |
| | | Septembre | -8.0 | -12.5 | - | - | - | - | - | |
| | | Octobre | -7.5 | -12.5 | - | - | - | - | - | |
| Berlin | 1130 | Avril | | | | | | | | Signal insuffisant |
| | | Mai | 8.0 | 2.0 | - | - | - | - | - | |
| | | Juin | 16.0* | 12.0 | -12.0 | - | - | - | - | |
| | | Juillet | | | | | | | | Enregistrement insuffisant |
| | | Août | 1.0* | -1.0* | -11.0 | - | - | - | - | |
| | | Septembre | -10.0 | -16.0 | - | - | - | - | - | |
| | | Octobre | -8.0 | -16.0 | - | - | - | - | - | |
| Enköping | 1150 | Avril | -3.0 | -4.0 | -9.0 | -12.0 | -15.0 | - | - | |
| | | Mai | -3.0 | -4.0 | -9.0 | -12.0 | -15.0 | - | - | |
| | | Juin | 15.0 | 9.0 | -6.0 | -9.0 | -12.0 | -16.0 | - | |
| | | Juillet | 12.0 | 7.0 | -3.0 | -7.0 | -11.0 | -15.0 | - | |
| | | Août | 10.0 | 7.0 | -1.0 | -5.0 | -9.0 | -14.0 | - | |
| | | Septembre | 2.0 | -2.0 | -8.0 | -11.0 | -13.0 | - | - | |
| | | Octobre | 14.0 | 6.0 | -5.0 | -8.0 | -11.0 | - | - | |
| Helsinki | 1600 | Avril | | | | | | | | Aucun signal |
| | | Mai | | | | | | | | Signal insuffisant |
| | | Juin | 8.0 | 7.0 | 2.0 | -11.0 | - | - | - | |
| | | Juillet | 2.0* | -2.0 | - | - | - | - | - | |
| | | Août | 7.0 | 3.0 | - | - | - | - | - | |
| | | Septembre | | | | | | | | Aucun signal |
| | | Octobre | 13.0 | 9.0 | - | - | - | - | - | |
| Morlupo | 1990 | Avril | | | | | | | | Non enregistré |
| | | Mai | | | | | | | | Enregistrement insuffisant |
| | | Juin | 19.0 | 17.0 | 9.5 | 5.0 | 0 | -9.5 | - | |
| | | Juillet | | | | | | | | Enregistrement insuffisant |
| | | Août | 5.5* | 4.0 | -1.5 | -6.0 | -13.5 | - | - | |
| | | Septembre | -7.5 | -10.0 | -16.5 | -20.0 | - | - | - | |
| | | Octobre | 14.0 | 10.0 | -5.5 | - | - | - | - | |

* Valeurs obtenues par extrapolation

RESULTS OF MEASUREMENT CAMPAIGN 1969

| Transmitter: LIMOGES | | | Horizontal polarisation | | | | | | Frequency: 41.28 MHz | | | | | | | | | | | | | |
|----------------------|------------------|-----------|--|-------|-------|-------|-------|-------|----------------------|------------------------|------|------|----|----|----|-----|--|--|--|--|--|--|
| Receiving station | Path length (km) | Month | Field strength (in dB above $1\mu\text{V/m}$ for 1 kW ERP) exceeded for specified time percentage | | | | | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | | | | | | | | | | | | | |
| Stagshaw | 1060 | April | | | | | | | | Insufficient recording | | | | | | | | | | | | |
| | | May | - | 32.5* | 27.5 | 23.0 | 11.5 | - | - | | | | | | | | | | | | | |
| | | June | - | 35.5* | 32.5 | 28.0 | 22.5 | 4.5 | -13.5 | | | | | | | | | | | | | |
| | | July | - | 34.5* | 28.0 | 23.5 | 17.5 | -4.5 | - | | | | | | | | | | | | | |
| | | August | - | 33.5* | 27.5 | 23.5 | 17.5 | -6.5 | - | | | | | | | | | | | | | |
| | | September | - | 36.0* | 28.5 | 22.0 | 2.0 | -11.5 | - | | | | | | | | | | | | | |
| | | October | 0.5 | -3.5 | -13.5 | - | - | - | - | | | | | | | | | | | | | |
| Edinburgh | 1180 | April | | | | | | | | Insufficient recording | | | | | | | | | | | | |
| | | May | - | - | 27.0 | 20.0 | 11.0 | -10.0 | - | | | | | | | | | | | | | |
| | | June | - | - | 33.0* | 30.0 | 24.0 | 12.0 | -8.0 | | | | | | | | | | | | | |
| | | July | - | 28.5* | 23.0 | 20.0 | 16.0 | 5.0 | -15.0 | | | | | | | | | | | | | |
| | | August | - | - | 22.0 | 17.5 | 10.0 | -9.0 | -17.0 | | | | | | | | | | | | | |
| | | September | 21.0 | 13.0 | -7.0 | -13.0 | - | - | - | | | | | | | | | | | | | |
| | | October | 0 | -5.0 | -15.0 | - | - | - | - | | | | | | | | | | | | | |
| Orkney | 1500 | April | | | | | | | | No recording | | | | | | | | | | | | |
| | | May | - | - | - | 32.5* | 27.5 | 10.0 | - | | | | | | | | | | | | | |
| | | June | - | - | - | 33.5* | 32.5 | 24.5 | 15.5 | | | | | | | | | | | | | |
| | | July | - | - | - | 34.5* | 30.5 | 20.0 | 8.0 | | | | | | | | | | | | | |
| | | August | - | - | 31.5 | 28.5 | 25.0 | 16.0 | 0 | | | | | | | | | | | | | |
| | | September | - | 32.5 | 22.5 | 4.5 | -12.5 | - | - | | | | | | | | | | | | | |
| | | October | 22.5 | 20.0 | 1.5 | -10.0 | - | - | - | | | | | | | | | | | | | |

* Extrapolated values

RESULTATS DE LA CAMPAGNE DE MESURES 1969

| Emetteur: DIVIS | | | Polarisation horizontale | | | | | | Fréquence: 41.465 MHz | |
|----------------------|-------------------------|-----------|---|-------|--------|-------|-------|--------|-----------------------|--|
| Station de réception | Longueur du trajet (km) | Mois | Champ (en dB au-dessus de 1 μ V/m pour une PAR de 1 kW) dépassé pendant le pourcentage de temps indiqué | | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | |
| Châtonnaye | 1260 | Avril | - | -2.5* | -7.5 | -10.0 | -13.0 | -17.0* | - | |
| | | Mai | 43.0 | 41.0 | 35.5 | 31.0 | 23.0 | 6.0 | -13.5 | |
| | | Juin | - | 46.0* | 41.5 | 38.5 | 34.5 | 25.0 | 2.0 | |
| | | Juillet | 42.0 | 40.0 | 34.0 | 30.5 | 26.5 | 12.0 | -11.0 | |
| | | Août | 45.0* | 41.0 | 37.0 | 33.5 | 28.5 | 7.0 | -12.0 | |
| | | Septembre | 40.5 | 37.5 | 26.0 | -0.5 | -7.0 | -12.0 | -14.5 | |
| | | Octobre | 15.0 | 5.0 | -7.5 | -12.5 | -14.5 | - | - | |
| Enköping | 1490 | Avril | -6.0 | -9.0 | -16.0 | - | - | - | - | |
| | | Mai | - | 46.5* | 39.0 | 32.5 | 21.0 | -9.0 | - | |
| | | Juin | - | 38.0* | 33.0 | 29.0 | 24.0 | 13.0 | -5.0 | |
| | | Juillet | 42.0 | 40.0 | 32.0 | 25.0 | 14.0 | -7.0 | - | |
| | | Août | 42.0 | 39.0 | 30.0 | 23.0 | 14.0 | -3.0 | -12.0 | |
| | | Septembre | 4.5 | 2.5 | -1.0 | -2.5 | -5.5 | -13.5 | - | |
| | | Octobre | 33.0 | 30.0 | 11.0 | -5.0 | -11.0 | -14.5 | - | |
| Morlupo | 1930 | Avril | 16.0 | 13.0 | 1.0 | -8.0 | - | - | - | |
| | | Mai | 32.0 | 30.5 | 26.5 | 23.5 | 20.0 | 11.0 | -8.0 | |
| | | Juin | 35.5* | 34.5 | 32.0 | 30.5 | 28.5 | 24.5 | 20.0 | |
| | | Juillet | 37.0* | 36.0* | 31.5 | 29.0 | 26.0 | 20.0 | 14.0 | |
| | | Août | 32.0 | 31.0 | 28.0 | 26.0 | 24.0 | 19.5 | 14.0 | |
| | | Septembre | - | - | 31.0 | 25.0 | 18.0 | -1.5 | - | |
| | | Octobre | 31.0 | 29.0 | 20.5 | 12.5 | 3.0 | - | - | |
| Helsinki | 1940 | Avril | 12.0 | 6.0 | -13.0 | - | - | - | - | |
| | | Mai | - | 46.0* | 35.0 | 30.0 | 23.0 | 2.0 | - | |
| | | Juin | 40.0 | 38.5 | 33.0 | 29.0 | 25.0 | 15.5 | 4.0 | |
| | | Juillet | 37.0* | 36.0* | 29.5 | 24.0 | 15.0 | -7.0 | - | |
| | | Août | 35.5* | 34.0 | 28.0 | 24.0 | 18.0 | 2.5 | -14.0 | |
| | | Septembre | 6.5 | 2.0 | -15.0 | - | - | - | - | |
| | | Octobre | 25.0 | 22.0 | 5.0 | -7.0 | -15.0 | - | - | |
| Luleå | 1950 | Avril | 11.0 | 0 | - | - | - | - | - | |
| | | Mai | 38.5* | 37.5* | 30.5 | 25.0 | 13.0 | - | - | |
| | | Juin | 41.5 | 40.0 | 35.5 | 32.0 | 28.0 | 18.0 | 1.0 | |
| | | Juillet | - | - | 40.0 | 31.0 | 14.0 | -8.5 | - | |
| | | Août | 32.0 | 31.0 | 26.0 | 21.5 | 15.5 | -1.0 | - | |
| | | Septembre | -3.0 | -5.0 | - | - | - | - | - | |
| | | Octobre | Non enregistré | | | | | | | |
| Sodankylä | 2220 | Avril | -6.0 | -9.0 | -16.5* | - | - | - | - | |
| | | Mai | 22.5 | 20.5 | 14.0 | 9.0 | 0 | - | - | |
| | | Juin | 27.5* | 26.0* | 21.5 | 18.0 | 14.0 | 2.0 | -15.0 | |
| | | Juillet | 20.0 | 17.5 | 9.0 | 1.5 | -9.0 | -18.0* | - | |
| | | Août | 24.0 | 23.0 | 16.5 | 10.5 | 0.5 | - | - | |
| | | Septembre | -5.0 | -9.0 | - | - | - | - | - | |
| | | Octobre | 11.0 | 5.0 | -14.0 | - | - | - | - | |
| Monte Lauro | 2510 | Avril | -12.0 | -17.0 | - | - | - | - | - | |
| | | Mai | 15.0 | 12.0 | 3.0 | -1.5 | -7.0 | -18.5 | - | |
| | | Juin | 27.0* | 26.0* | 20.0 | 16.0 | 11.0 | 2.0 | -5.5 | |
| | | Juillet | 38.0 | 35.0 | 24.5 | 14.0 | 8.5 | -0.5 | -9.0 | |
| | | Août | 36.5 | 33.5 | 24.0 | 17.0 | 10.0 | 1.0 | -15.5 | |
| | | Septembre | 23.0 | 21.0 | 13.5 | 5.0 | -5.0 | -24.0 | - | |
| | | Octobre | 8.0 | 2.5 | -11.0 | - | - | - | - | |

* Valeurs obtenues par extrapolation

RESULTS OF MEASUREMENT CAMPAIGN 1969

| Transmitter: MONTE SAMBUCO | | | Horizontal polarisation | | | | | | | Frequency: 49.3 MHz | |
|----------------------------|------------------|-----------|--|-------|------|------|------|-------|------|---------------------|--|
| Receiving station | Path length (km) | Month | Field strength (in dB above $1\mu\text{V/m}$ for 1 kW ERP) exceeded for specified time percentage | | | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | | |
| Jurbise | 1320 | April | | | | | | | | No recording | |
| | | May | 27.0 | 23.0 | 12.5 | -2.0 | - | - | - | | |
| | | June | 32.0* | 31.5* | 26.0 | 22.0 | 15.5 | -5.0* | - | | |
| | | July | 27.0 | 25.0 | 19.5 | 14.5 | 7.5 | -9.0* | - | | |
| | | August | 24.0 | 22.0 | 13.5 | 6.0 | - | - | - | | |
| | | September | 18.0 | 16.0 | 9.0 | - | - | - | - | | |
| | | October | 7.5 | -1.0 | - | - | - | - | - | | |
| Kingswood | 1590 | April | | | | | | | | No recording | |
| | | May | 25.0 | 23.0 | 14.0 | 7.0 | -3.0 | - | - | | |
| | | June | 31.0* | 29.5* | 25.0 | 21.0 | 16.0 | 4.5 | -5.0 | | |
| | | July | 25.5 | 23.5 | 16.5 | 11.5 | 5.5 | -3.5 | - | | |
| | | August | 16.5 | 14.0 | 7.0 | 1.0 | -4.0 | - | - | | |
| | | September | 16.0 | 13.0 | 3.0 | -7.0 | - | - | - | | |
| | | October | -4.0 | -7.0 | - | - | - | - | - | | |
| Stagshaw | 1950 | April | | | | | | | | No recording | |
| | | May | 12.5* | 11.0* | 6.0 | 3.0 | 0 | - | - | | |
| | | June | 29.5* | 28.0 | 25.5 | 17.5 | 13.5 | 8.0 | - | | |
| | | July | 24.5 | 23.0 | 17.5 | 14.0 | 9.0 | 1.0 | - | | |
| | | August | 18.0 | 16.5 | 11.0 | 8.0 | 4.5 | 0 | - | | |
| | | September | 18.0 | 14.5 | 5.5 | 0 | - | - | - | | |
| | | October | 1.0 | -1.0* | - | - | - | - | - | | |
| Edinburgh | 2070 | April | | | | | | | | No recording | |
| | | May | 23.5 | 21.0 | 15.5 | 12.0 | 7.0 | - | - | | |
| | | June | 28.0 | 27.0 | 23.0 | 19.5 | 16.0 | 9.0 | 0 | | |
| | | July | 22.0* | 21.5* | 18.5 | 15.0 | 11.0 | 2.0 | - | | |
| | | August | 16.0 | 14.5 | 9.0 | 5.5 | 1.0 | - | - | | |
| | | September | 8.5 | 5.0 | - | - | - | - | - | | |
| | | October | | | | | | | | No signal | |

* Extrapolated values

RESULTATS DE LA CAMPAGNE DE MESURES 1969

| Emetteur: CARCASSONNE | | Polarisation verticale | | Fréquence: 54.43 MHz | | | | | | |
|-----------------------|-------------------------|------------------------|---|----------------------|-------|------|-------|--------|--------|---|
| Station de réception | Longueur du trajet (km) | Mois | Champ (en dB au-dessus de 1 μ V/m pour une PAR de 1 kW) dépassé pendant le pourcentage de temps indiqué | | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | |
| Kingswood | 900 | Avril | Non enregistré | | | | | | | |
| | | Mai | -1.0 | -6.5 | - | - | - | - | - | - |
| | | Juin | 22.5 | 21.0 | 13.5 | 7.0 | -8.0 | -21.0* | - | - |
| | | Juillet | 18.5 | 14.5 | 2.5 | -7.5 | -18.0 | - | - | - |
| | | Août | 26.0 | 21.5 | 1.0 | -9.0 | -18.0 | - | - | - |
| | | Septembre | 1.0 | -8.0 | - | - | - | - | - | - |
| | | Octobre | -17.0 | - | - | - | - | - | - | - |
| Stagshaw | 1330 | Avril | Non enregistré | | | | | | | |
| | | Mai | 28.5* | 27.0 | 18.0 | 7.0 | -8.0 | - | - | - |
| | | Juin | - | - | 27.0 | 22.0 | 15.5 | -3.0 | -14.0* | - |
| | | Juillet | - | 30.0* | 23.0 | 18.0 | 7.0 | -10.0 | - | - |
| | | Août | - | 30.0* | 24.0 | 20.0 | 12.0 | -9.0 | - | - |
| | | Septembre | - | 7.0 | -11.5 | - | - | - | - | - |
| | | Octobre | -2.5 | -6.0 | - | - | - | - | - | - |
| Orkney | 1760 | Avril | Signal insuffisant | | | | | | | |
| | | Mai | 37.5* | 36.0 | 28.0 | 22.0 | 10.0 | - | - | - |
| | | Juin | - | - | 27.5* | 25.0 | 21.0 | 9.0 | -12.0 | - |
| | | Juillet | 32.0* | 31.0* | 26.0 | 22.0 | 15.0 | -2.0 | - | - |
| | | Août | 30.5* | 29.0* | 24.5 | 20.0 | 14.0 | -3.0 | - | - |
| | | Septembre | 20.0* | 16.5 | -10.5 | - | - | - | - | - |
| | | Octobre | 15.0 | 7.0 | -13.0 | - | - | - | - | - |

* Valeurs obtenues par extrapolation

RESULTS OF MEASUREMENT CAMPAIGN 1969

| Transmitter: MELDRUM | | | Horizontal polarisation | | | | | | | Frequency: 58.215 MHz | | | | | | | | | | | | |
|----------------------|------------------|-----------|---|--------|--------|--------|-------|--------|-----|-----------------------|---------------------|------|------|----|----|----|-----|--|--|--|--|--|
| Receiving station | Path length (km) | Month | Field strength (in dB above $1\mu\text{V/m}$ for 1 kW ERF) exceeded for specified time percentage | | | | | | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | | | | | | | | | | | | | |
| Limours | 1010 | April | | | | | | | | | Insufficient signal | | | | | | | | | | | |
| | | May | 25.5 | 18.5 | - | - | - | - | - | | | | | | | | | | | | | |
| | | June | 23.5 | 19.5 | 3.5 | -10.5 | - | - | - | | | | | | | | | | | | | |
| | | July | 24.5* | 20.5 | -4.5 | -15.0* | - | - | - | | | | | | | | | | | | | |
| | | August | -1.5 | -5.5 | -15.5* | - | - | - | - | | | | | | | | | | | | | |
| | | September | -16.5 | - | - | - | - | - | - | | | | | | | | | | | | | |
| | | October | -12.5 | - | - | - | - | - | - | | | | | | | | | | | | | |
| Enköping | 1150 | April | -3.0 | -5.5 | -12.5 | -16.0 | - | - | - | | | | | | | | | | | | | |
| | | May | 23.0 | 6.5 | -7.0 | -11.0 | -15.0 | - | - | | | | | | | | | | | | | |
| | | June | 33.0 | 30.0 | 4.5 | -6.0 | -10.5 | -16.0 | - | | | | | | | | | | | | | |
| | | July | 42.5 | 39.0 | 8.0 | -7.0 | -13.5 | -17.0* | - | | | | | | | | | | | | | |
| | | August | - | 9.5* | 1.0 | -4.0 | -9.0 | -14.5 | - | | | | | | | | | | | | | |
| | | September | - | - | -3.0 | -8.0 | -14.0 | - | - | | | | | | | | | | | | | |
| | | October | 7.0 | 5.5 | 1.0 | -4.0 | -12.0 | - | - | | | | | | | | | | | | | |
| Helsinki | 1600 | April | - | -11.0 | - | - | - | - | - | | | | | | | | | | | | | |
| | | May | 30.0* | 27.0 | 10.0 | -6.0 | - | - | - | | | | | | | | | | | | | |
| | | June | 31.0* | 28.0 | 19.0 | 15.0 | 10.0 | -13.0* | - | | | | | | | | | | | | | |
| | | July | 33.5 | 30.0 | 10.0 | -6.0 | - | - | - | | | | | | | | | | | | | |
| | | August | 10.0 | 6.0 | -7.0 | - | - | - | - | | | | | | | | | | | | | |
| | | September | - | - | - | - | - | - | - | | No signal | | | | | | | | | | | |
| | | October | -9.0 | -12.0* | - | - | - | - | - | | | | | | | | | | | | | |
| Morlupo | 1990 | April | 8.0* | 3.0 | -11.0 | -19.0* | - | - | - | | | | | | | | | | | | | |
| | | May | 5.0* | 3.5 | -2.5 | -6.5 | -11.0 | - | - | | | | | | | | | | | | | |
| | | June | 13.5 | 9.5 | 1.5 | -3.5 | -6.5 | -15.5 | - | | | | | | | | | | | | | |
| | | July | 12.5 | 10.5 | 3.5 | -1.5 | -6.5 | -22.0 | - | | | | | | | | | | | | | |
| | | August | 13.0 | 10.0 | 3.5 | -1.5 | -5.5 | -20.5 | - | | | | | | | | | | | | | |
| | | September | 22.0 | 18.5 | 4.5 | -2.0 | -9.0 | - | - | | Insufficient signal | | | | | | | | | | | |
| | | October | - | - | - | - | - | - | - | | | | | | | | | | | | | |

* Extrapolated values

RESULTATS DE LA CAMPAGNE DE MESURES 1970

| Emetteur: LIMOGES | | | Polarisation horizontale | | | | Fréquence: 41.28 MHz | | |
|---------------------------------|-------------------------|-----------|--|-------|-------|-------|----------------------|-------|-------|
| Station de réception | Longueur du trajet (km) | Mois | Champ (en dB au-dessus de 1 µV/m pour une PAR de 1 kW) dépassé pendant le pourcentage de temps indiqué | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% |
| Stagshaw | 1060 | Avril | | | | | | | |
| | | Mai | 31.5 | 27.5 | 6.5 | -7.5 | - | - | - |
| | | Juin | - | 32.5* | 28.5 | 24.5 | 17.5 | -3.5 | - |
| | | Juillet | - | - | 30.5 | 25.0 | 14.5 | -15.0 | - |
| | | Août | - | 31.5* | 22.5 | 17.0 | 10.5 | -7.5 | - |
| | | Septembre | 32.0 | 27.5 | 3.0 | -12.0 | - | - | - |
| | | Octobre | 22.5* | 19.5 | 5.5 | -6.5 | -11.5 | - | - |
| | | | | | | | | | |
| Edinburgh | 1180 | Avril | | | | | | | |
| | | Mai | 29.0* | 27.5 | 13.0 | -2.0 | -14.5 | - | - |
| | | Juin | - | - | 27.0 | 22.0 | 19.0 | 0 | - |
| | | Juillet | - | - | 28.5* | 26.0 | 21.0 | -5.0 | - |
| | | Août | - | 28.5* | 24.0 | 19.0 | 12.0 | -4.0 | - |
| | | Septembre | - | 28.0 | 6.0 | -8.0 | - | - | - |
| | | Octobre | 20.0 | 16.0 | 0 | -8.0 | -13.0 | - | - |
| | | | | | | | | | |
| Orkney (antenne horizontale) | 1500 | Avril | | | | | | | |
| | | Mai | - | - | 28.5 | 23.0 | 5.5 | - | - |
| | | Juin | - | - | 32.5 | 29.5 | 25.5 | 16.5 | -2.0 |
| | | Juillet | - | - | 32.5 | 30.5 | 28.5 | 21.5 | 2.5 |
| | | Août | - | 34.0* | 30.5 | 27.5 | 23.0 | 13.5 | -3.5 |
| | | Septembre | 30.5 | 28.5 | 21.5 | 15.5 | 0.5 | - | - |
| | | Octobre | 21.0 | 18.5 | 9.5 | -1.0 | - | - | - |
| | | | | | | | | | |
| Orkney (antenne verticale) | 1500 | Avril | | | | | | | |
| | | Mai | - | - | 22.5 | 16.0 | 2.5 | - | - |
| | | Juin | - | - | - | 23.5* | 20.0 | 11.0 | -11.5 |
| | | Juillet | - | - | - | - | 22.5 | 14.5 | -3.5 |
| | | Août | - | - | - | 21.5 | 17.0 | 6.5 | -9.0 |
| | | Septembre | - | 24.5* | 16.0 | 8.0 | -7.5 | - | - |
| | | Octobre | 11.5 | 8.0 | -2.0 | -10.5 | - | - | - |
| | | | | | | | | | |

* Valeurs obtenues par extrapolation

RESULTS OF MEASUREMENT CAMPAIGN 1970

| Transmitter: DIVIS | | | Horizontal polarisation | | | | | | | Frequency: 41.465 MHz | | | | | | |
|--------------------|------------------|-----------|--|-------|-------|-------|-------|--------|-------|-----------------------|------|------|----|----|----|-----|
| Receiving station | Path length (km) | Month | Field strength (in dB above 1 μ V/m for 1 kW ERP) exceeded for specified time percentage | | | | | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | | | | | | | |
| Châtonnayé | 1260 | April | -7.0 | -8.0 | -11.5 | -13.5 | -15.0 | - | - | | | | | | | |
| | | May | 30.5 | 25.0 | 7.0 | -2.0 | -9.0 | - | - | | | | | | | |
| | | June | - | - | 33.0 | 29.0 | 23.0 | 1.0 | - | | | | | | | |
| | | July | - | - | 32.0 | 26.0 | 21.0 | 5.0 | - | | | | | | | |
| | | August | - | - | 26.0 | 21.5 | 16.0 | -2.0 | - | | | | | | | |
| | | September | 36.0 | 32.5 | 17.0 | 1.5 | - | - | - | | | | | | | |
| | | October | 30.0 | 25.5 | 12.0 | 3.0 | - | - | - | | | | | | | |
| Enköping | 1490 | April | 4.0 | 1.0 | -6.5 | -10.0 | -13.0 | - | - | | | | | | | |
| | | May | 34.0 | 30.5 | 3.0 | -3.0 | -12.0 | - | - | | | | | | | |
| | | June | - | 36.5* | 31.5 | 27.0 | 19.0 | -5.0 | -15.0 | | | | | | | |
| | | July | 43.0 | 40.0 | 31.5 | 25.0 | 16.0 | -4.0 | -15.0 | | | | | | | |
| | | August | - | 36.5* | 30.0 | 24.0 | 10.0 | -4.0 | -14.0 | | | | | | | |
| | | September | 11.0 | 7.5 | -2.5 | -8.0 | -12.0 | - | - | | | | | | | |
| | | October | 26.0 | 20.0 | 1.0 | -6.0 | -11.0 | - | - | | | | | | | |
| Morlupo | 1930 | April | 26.0* | 21.0 | - | - | - | - | - | | | | | | | |
| | | May | 39.5 | 38.0 | 32.0 | 28.5 | 23.5 | 11.0 | -13.0 | | | | | | | |
| | | June | 37.0* | 36.5* | 34.5 | 32.0 | 29.0 | 22.0 | 14.0 | | | | | | | |
| | | July | 38.0* | 37.5* | 35.0 | 32.0 | 29.0 | 21.0 | 12.0 | | | | | | | |
| | | August | 36.0* | 34.0 | 28.5 | 26.5 | 24.0 | 19.0 | 11.0 | | | | | | | |
| | | September | 34.5 | 33.0 | 28.0 | 25.0 | 10.5 | 9.5 | - | | | | | | | |
| | | October | 31.0 | 29.0 | 22.5 | 17.0 | 9.0 | - | - | | | | | | | |
| Helsinki | 1940 | April | 6.0 | -2.0 | -13.0 | - | - | - | - | | | | | | | |
| | | May | - | 36.0* | 23.5 | 12.0 | -9.0 | - | - | | | | | | | |
| | | June | - | 35.0 | 24.5 | 21.0 | 15.0 | -5.0 | - | | | | | | | |
| | | July | - | 27.0* | 23.0 | 18.0 | 10.0 | -4.0 | - | | | | | | | |
| | | August | 33.5 | 32.0 | 26.5 | 22.0 | 14.0 | -6.0 | - | | | | | | | |
| | | September | -5.0 | -9.0 | - | - | - | - | - | | | | | | | |
| | | October | 30.5 | 26.5 | -4.0 | - | - | - | - | | | | | | | |
| Luleå | 1950 | April | 11.5 | -5.0 | - | - | - | - | - | | | | | | | |
| | | May | - | 36.5* | 0 | - | - | - | - | | | | | | | |
| | | June | - | 27.0* | 21.5 | 16.0 | 7.0 | -13.0* | - | | | | | | | |
| | | July | - | - | 24.0 | 20.5 | 15.0 | -9.0 | - | | | | | | | |
| | | August | 32.0 | 30.0 | 22.0 | 18.0 | 12.0 | -9.0 | - | | | | | | | |
| | | September | -3.0 | -6.0 | - | - | - | - | - | | | | | | | |
| | | October | 28.5 | 26.5 | 18.0 | 9.0 | -7.0 | - | - | | | | | | | |
| Sodankylä | 2220 | April | 5.0 | -4.0 | - | - | - | - | - | | | | | | | |
| | | May | 14.0 | 10.0 | -10.0 | - | - | - | - | | | | | | | |
| | | June | 16.0* | 14.5 | 5.0 | -5.0 | -15.0 | - | - | | | | | | | |
| | | July | 20.5 | 18.0 | 10.0 | 5.0 | -9.0 | - | - | | | | | | | |
| | | August | 27.0* | 25.0 | 10.0 | -4.0 | - | - | - | | | | | | | |
| | | September | 21.5 | 19.0 | 7.0 | -5.0 | - | - | - | | | | | | | |
| | | October | - | - | - | - | - | - | - | | | | | | | |
| Monte Lauro | 2510 | April | -5.0 | - | - | - | - | - | - | | | | | | | |
| | | May | 20.5 | 18.0 | 10.0 | 5.0 | -2.0 | - | - | | | | | | | |
| | | June | 15.5* | 11.5 | 1.0 | -3.0 | -6.0* | - | - | | | | | | | |
| | | July | 15.0 | 11.5 | 3.0 | -1.0 | -5.0 | - | - | | | | | | | |
| | | August | 4.0 | 2.0 | -3.0 | - | - | - | - | | | | | | | |
| | | September | 5.5 | 3.0 | - | - | - | - | - | | | | | | | |
| | | October | 17.0* | 16.0* | 4.0 | -2.0 | - | - | - | | | | | | | |

* Extrapolated values

RESULTATS DE LA CAMPAGNE DE MESURES 1970

| Emetteur: MONTE SAMBUCO | | Polarisation horizontale | | Fréquence: 49.3 MHz | | | | | | |
|-------------------------|-------------------------|--------------------------|---|---------------------|----------------------------|------|------|-------|------|--|
| Station de réception | Longueur du trajet (km) | Mois | Champ (en dB au-dessus de 1 μ V/m pour une PAR de 1 kW) dépassé pendant le pourcentage de temps indiqué | | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | |
| Jurbise | 1320 | Avril | | | Non enregistré | | | | | |
| | | Mai | 40.0* | 39.0* | 32.5 | 27.0 | 12.0 | — | — | |
| | | Juin | 40.0* | 39.5* | 35.0 | 32.0 | 27.0 | 5.0 | — | |
| | | Juillet | — | — | 31.0* | 24.0 | 15.0 | -5.0* | — | |
| | | Août | 31.0* | 29.5* | 25.0 | 21.0 | 13.0 | — | — | |
| | | Septembre | 18.0 | 11.0 | — | — | — | — | — | |
| | | Octobre | — | — | 22.0 | 3.0 | — | — | — | |
| Kingswood | 1590 | Avril | | | Non enregistré | | | | | |
| | | Mai | 40.0* | 39.0* | 31.5 | 18.0 | 5.0 | — | — | |
| | | Juin | 35.0* | 34.0* | 26.5 | 20.5 | 13.0 | 2.0 | -9.0 | |
| | | Juillet | 28.5* | 25.5 | 16.0 | 10.0 | 4.0 | -5.0 | — | |
| | | Août | 29.0* | 28.5* | 22.5 | 17.5 | 10.5 | -1.5 | — | |
| | | Septembre | 16.5 | 15.5 | 12.5 | 10.0 | 6.5 | -1.0 | — | |
| | | Octobre | — | — | 8.0 | -1.0 | — | — | — | |
| Stagshaw | 1950 | Avril | | | Non enregistré | | | | | |
| | | Mai | 26.5 | 24.0 | 14.5 | 9.0 | 3.0 | — | — | |
| | | Juin | 32.0* | 31.0* | 27.0 | 23.0 | 18.0 | 8.0 | -0.5 | |
| | | Juillet | 31.0* | 30.0* | 24.0 | 20.0 | 14.0 | 2.5 | — | |
| | | Août | 30.5* | 28.5 | 19.0 | 14.0 | 9.0 | 1.0 | — | |
| | | Septembre | 26.0 | 23.5 | 9.5 | 2.0 | — | — | — | |
| | | Octobre | — | — | 8.0 | — | 3.0 | — | — | |
| Edinburgh | 2070 | Avril | | | Non enregistré | | | | | |
| | | Mai | | | Enregistrement insuffisant | | | | | |
| | | Juin | 30.5* | 30.0* | 27.0 | 25.0 | 21.5 | 13.0 | — | |
| | | Juillet | 29.5 | 27.0 | 23.0 | 20.0 | 16.0 | 5.5 | — | |
| | | Août | 28.0 | 27.0 | 22.0 | 18.5 | 13.0 | 2.5 | — | |
| | | Septembre | 31.0* | 30.0* | 26.5 | 24.0 | 20.0 | 10.0 | — | |
| | | Octobre | 27.5 | 27.0 | 23.5 | 21.0 | 17.0 | 7.0 | -1.0 | |

* Valeurs obtenues par extrapolation

RESULTS OF MEASUREMENT CAMPAIGN 1970

| Transmitter: CARCASSONNE | | | Vertical polarisation | | | | | | | Frequency: 54.43 MHz | | | | | | | |
|-------------------------------|------------------|-----------|---|-------|-------|--------|------|-------|-----|----------------------|-------|------|------|----|----|----|-----|
| Receiving station | Path length (km) | Month | Field strength (in dB above $1\mu\text{V/m}$ for 1 kW ERP) exceeded for specified time percentage | | | | | | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | | | | | | | | |
| Kingswood | 900 | April | | | | | | | | No recording | | | | | | | |
| | | May | 3.0 | -6.0 | - | - | - | - | - | | | | | | | | |
| | | June | 18.5* | 17.5* | 3.0 | -13.0 | - | - | - | | | | | | | | |
| | | July | 22.0 | 18.5 | -6.0 | -21.0* | - | - | - | | | | | | | | |
| | | August | 10.0 | 5.5 | -15.0 | - | - | - | - | | | | | | | | |
| | | September | | | | | | | | No signal | | | | | | | |
| | | October | | | | | | | | Insufficient signal | | | | | | | |
| Stagshaw | 1330 | April | | | | | | | | No recording | | | | | | | |
| | | May | 23.0 | 19.5 | -5.0 | - | - | - | - | | | | | | | | |
| | | June | 27.0 | 25.5 | 20.5 | 17.0 | 11.0 | -8.0 | - | | | | | | | | |
| | | July | 19.5* | 18.5* | 11.5 | 5.0 | -8.0 | - | - | | | | | | | | |
| | | August | 24.0 | 22.0 | 10.0 | 9.0 | 0 | -14.0 | - | | | | | | | | |
| | | September | 22.0 | 18.0 | -8.0 | -16.0* | - | - | - | | | | | | | | |
| | | October | 15.0 | 13.5 | 1.0 | -11.0 | - | - | - | | | | | | | | |
| Orkney (horizontal aerial) | 1760 | April | | | | | | | | No recording | | | | | | | |
| | | May | | | | | | | | No recording | | | | | | | |
| | | June | | | | | | | | No recording | | | | | | | |
| | | July | - | - | - | 19.0* | 14.0 | -2.0 | - | | | | | | | | |
| | | August | - | - | 17.0 | 14.0 | 9.5 | -7.0 | - | | | | | | | | |
| | | September | - | 19.0* | 12.0 | 3.0 | - | - | - | | | | | | | | |
| | | October | 8.0 | 4.0 | -11.5 | - | - | - | - | | | | | | | | |
| Orkney (vertical aerial) | 1760 | April | | | | | | | | No recording | | | | | | | |
| | | May | 29.0* | 27.5 | 18.0 | 4.0 | - | - | - | | | | | | | | |
| | | June | 32.0* | 31.0 | 26.0 | 23.0 | 19.0 | 13.0 | - | | | | | | | | |
| | | July | 32.5* | 32.0* | 29.0 | 25.5 | 20.5 | 0 | - | | | | | | | | |
| | | August | 38.0* | 35.0 | 24.0 | 20.0 | 14.5 | -5.0 | - | | | | | | | | |
| | | September | 27.0 | 25.0 | 17.0 | 5.0 | - | - | - | | | | | | | | |
| | | October | 10.0 | 7.0 | -5.0 | - | - | - | - | | | | | | | | |

* Extrapolated values

RESULTATS DE LA CAMPAGNE DE MESURES 1970

| Emetteur: MELDRUM | | Polarisation horizontale | | | | | | Fréquence : 58.215 MHz | |
|----------------------|-------------------------|--------------------------|--|-------|-------|--------|-------|------------------------|-----|
| Station de réception | Longueur du trajet (km) | Mois | Champ (en dB au-dessus de 1 µV/m pour une PAR de 1 kW) dépassé pendant le pourcentage de temps indiqué | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% |
| Limours | 1010 | Avril | Signal insuffisant | | | | | | |
| | | Mai | 13.0 | -4.5 | - | - | - | - | - |
| | | Juin | 21.5 | 18.0 | -2.5 | -17.0* | - | - | - |
| | | Juillet | 30.5 | 27.0 | -0.5 | -16.0* | - | - | - |
| | | Août | 27.0 | 23.5 | -4.0 | -14.0 | - | - | - |
| | | Septembre | Signal insuffisant | | | | | | |
| | | Octobre | | | | | | | |
| Berlin | 1130 | Avril | Signal insuffisant | | | | | | |
| | | Mai | -4.0 | -6.0* | - | - | - | - | - |
| | | Juin | 22.0 | 19.0 | -5.0 | - | - | - | - |
| | | Juillet | 33.5 | 31.5 | 8.0 | -5.0 | - | - | - |
| | | Août | 15.0 | 9.5 | -4.0 | - | - | - | - |
| | | Septembre | Aucun signal | | | | | | |
| | | Octobre | Signal insuffisant | | | | | | |
| Enköping | 1150 | Avril | 10.5 | 5.0 | -6.0 | -10.0 | - | - | - |
| | | Mai | -1.0 | -3.0 | -8.0 | -11.0 | - | - | - |
| | | Juin | 10.0 | 5.0 | -7.0 | -10.0 | - | - | - |
| | | Juillet | 5.0 | 1.5 | -6.5 | -9.0 | - | - | - |
| | | Août | 7.0 | 5.0 | -1.5 | -5.0 | -8.0 | - | - |
| | | Septembre | 4.0 | 1.0 | -5.0 | -7.0 | -9.5 | - | - |
| | | Octobre | 25.5 | 18.0 | -4.0 | -8.0 | -10.5 | - | - |
| Helsinki | 1600 | Avril | -8.0 | -11.0 | - | - | - | - | - |
| | | Mai | -6.0 | -11.0 | - | - | - | - | - |
| | | Juin | 30.5 | 25.0 | 2.0 | -11.0 | - | - | - |
| | | Juillet | 1.0 | -2.0 | - | - | - | - | - |
| | | Août | 21.0 | 16.0 | -2.0 | -12.0 | - | - | - |
| | | Septembre | Aucun signal | | | | | | |
| | | Octobre | 16.0 | 10.5 | - | - | - | - | - |
| Morlupo | 1990 | Avril | Non enregistré | | | | | | |
| | | Mai | Enregistrement insuffisant | | | | | | |
| | | Juin | 6.0* | 2.5 | - | - | - | - | - |
| | | Juillet | - | - | -6.0 | -10.0 | - | - | - |
| | | Août | Aucun signal | | | | | | |
| | | Septembre | -4.5* | -7.0 | - | - | - | - | - |
| | | Octobre | -4.5* | -6.0 | -10.0 | - | - | - | - |

* Valeurs obtenues par extrapolation

RESULTS OF MEASUREMENT CAMPAIGN 1971

| Transmitter: LIMOGES | | | Horizontal polarisation | | | | | | | Frequency: 41.28 MHz | |
|-------------------------------|------------------|-----------|---|-------|-------|-------|-------|-------|-------|----------------------|--|
| Receiving station | Path length (km) | Month | Field strength (in dB above $1\mu\text{V/m}$ for 1 kW ERF) exceeded for specified time percentage | | | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | | |
| Stagshaw | 1060 | April | | | | | | | | No recording | |
| | | May | 31.0 | 29.0 | 23.0 | 19.0 | 13.0 | -6.5 | - | | |
| | | June | 32.0 | 30.5 | 25.5 | 21.5 | 14.5 | -6.0 | - | | |
| | | July | 27.5 | 25.5 | 19.0 | 14.0 | 7.0 | -11.0 | - | | |
| | | August | 32.0 | 28.5 | 18.5 | 12.5 | 3.5 | -8.0 | - | | |
| | | September | 9.5 | 6.5 | -6.5 | - | - | - | - | | |
| | | October | 1.0 | -6.0 | - | - | - | - | - | | |
| Edinburgh | 1180 | April | | | | | | | | No recording | |
| | | May | 29.0 | 27.5 | 23.0 | 19.5 | 14.5 | 3.0 | - | | |
| | | June | - | 33.0* | 27.0 | 22.0 | 16.5 | 3.5 | -16.0 | | |
| | | July | 30.0 | 27.0 | 20.0 | 16.0 | 11.0 | -6.0 | - | | |
| | | August | 33.0* | 30.0 | 21.0 | 15.5 | 10.0 | -5.5 | - | | |
| | | September | 11.5 | 7.5 | -8.5 | -16.0 | - | - | - | | |
| | | October | 3.0 | -1.0 | -12.5 | - | - | - | - | | |
| Orkney (horizontal aerial) | 1500 | April | | | | | | | | No recording | |
| | | May | - | - | - | 33.0* | 28.0 | 16.0 | -0.5 | | |
| | | June | - | - | - | 34.0* | 29.5 | 19.5 | 3.5 | | |
| | | July | - | - | - | -1.0 | -17.5 | - | - | | |
| | | August | - | - | - | 25.0* | 22.0 | 17.5 | 9.0 | -5.0 | |
| | | September | 20.5 | 18.0 | 7.5 | - | - | - | - | | |
| | | October | 19.0 | 13.5 | -15.0 | - | - | - | - | | |
| Orkney (vertical aerial) | 1500 | April | | | | | | | | No recording | |
| | | May | - | - | 24.5* | 22.0 | 18.0 | 8.5 | -10.0 | | |
| | | June | - | - | 25.0* | 23.0 | 19.5 | 12.0 | 0 | | |
| | | July | - | - | - | 23.5* | 18.5 | 9.0 | -7.0 | | |
| | | August | - | - | 25.0* | 22.0 | 17.5 | 9.0 | -5.0 | | |
| | | September | 12.0 | 9.5 | 1.0 | -5.0 | - | - | - | | |
| | | October | 10.5 | 5.0 | - | - | - | - | - | | |

* Extrapolated values

RESULTATS DE LA CAMPAGNE DE MESURES 1971

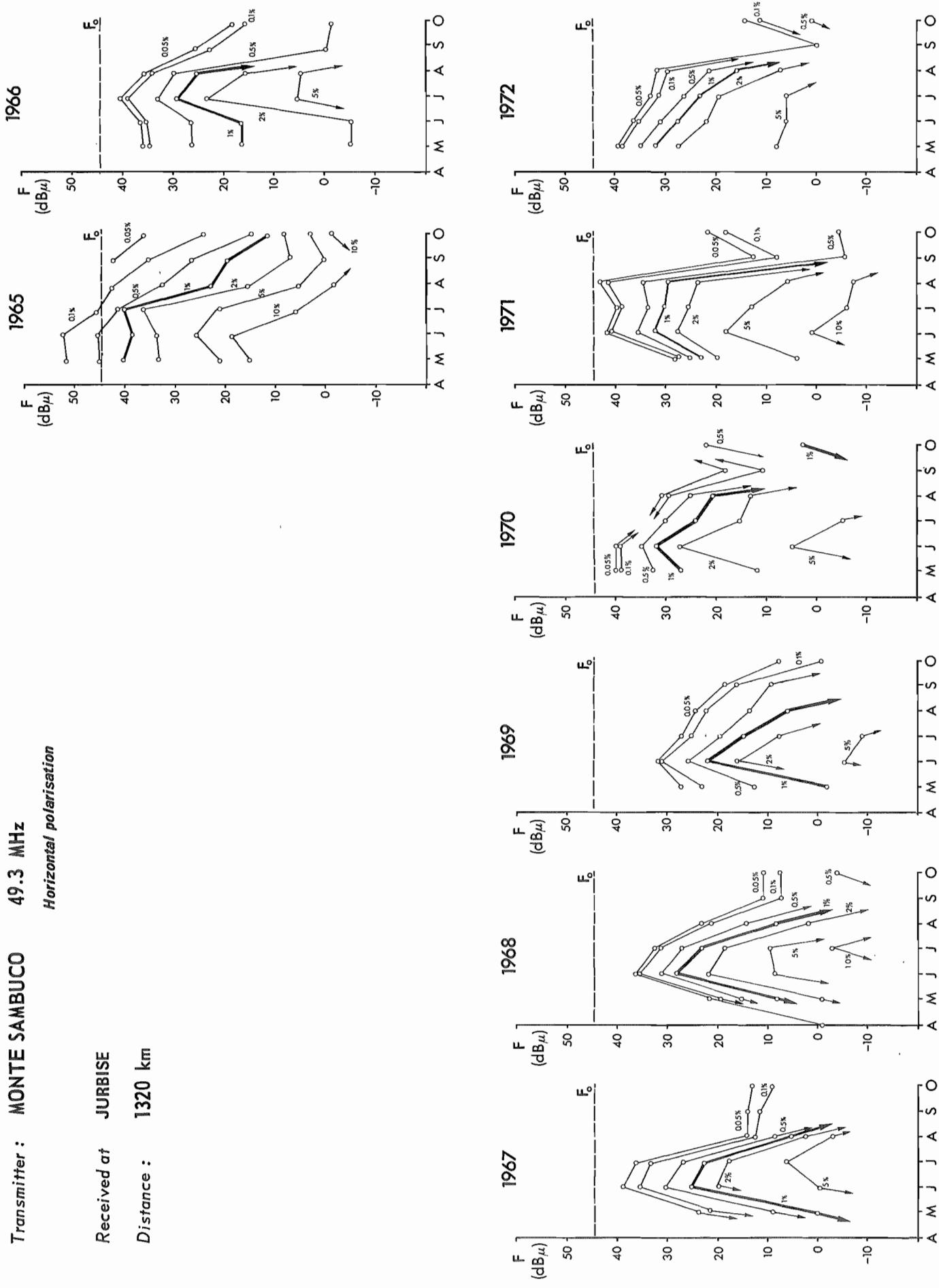
| Emetteur: DIVIS | | | Polarisation horizontale | | | | | | | Fréquence: 41.465 MHz | | | |
|----------------------|-------------------------|-----------|---|-------|-------|--------|-------|-------|-------|-----------------------|--|--|--|
| Station de réception | Longueur du trajet (km) | Mois | Champ (en dB au-dessus de 1 μ V/m pour une PAR de 1 kW) dépassé pendant le pourcentage de temps indiqué | | | | | | | | | | |
| | | | 0.05% | 0.1% | 0.5% | 1% | 2% | 5% | 10% | | | | |
| Châtonnaye | 1260 | Avril | -6.0 | -8.0 | -13.0 | -16.0* | - | - | - | | | | |
| | | Mai | 44.5 | 41.5 | 33.0 | 29.0 | 24.5 | 12.5 | -11.0 | | | | |
| | | Juin | 46.0* | 43.0 | 34.0 | 29.0 | 24.0 | 13.0 | -4.0 | | | | |
| | | Juillet | - | - | 38.0 | 30.0 | 22.5 | 8.0 | -12.0 | | | | |
| | | Août | - | 46.0* | 29.0 | 22.0 | 14.0 | -1.5 | - | | | | |
| | | Septembre | 17.0 | 13.5 | -3.0 | -14.0 | - | - | - | | | | |
| | | Octobre | 18.0 | 6.0 | -11.0 | -14.5 | - | - | - | | | | |
| Enköping | 1490 | Avril | 37.0* | 15.0 | -4.5 | -9.0 | -13.0 | - | - | | | | |
| | | Mai | 39.0 | 36.5 | 25.0 | 15.0 | -1.5 | -13.5 | - | | | | |
| | | Juin | 43.5 | 41.0 | 33.0 | 28.0 | 21.0 | 3.5 | -11.5 | | | | |
| | | Juillet | 46.0* | 45.0 | 38.5 | 33.5 | 22.5 | -3.0 | - | | | | |
| | | Août | 45.5* | 45.0 | 41.5 | 37.0 | 23.0 | -1.5 | -12.0 | | | | |
| | | Septembre | 30.5 | 27.5 | 14.0 | 4.0 | -7.5 | -14.0 | - | | | | |
| | | Octobre | 0 | -2.0 | -7.5 | -10.0 | -12.0 | - | - | | | | |
| Morlupo | 1930 | Avril | Enregistrement insuffisant | | | | | | | | | | |
| | | Mai | Enregistrement insuffisant | | | | | | | | | | |
| | | Juin | Enregistrement insuffisant | | | | | | | | | | |
| | | Juillet | 41.5 | 40.0 | 36.0 | 34.0 | 30.5 | 24.5 | 15.5 | | | | |
| | | Août | Enregistrement insuffisant | | | | | | | | | | |
| | | Septembre | Non enregistré | | | | | | | | | | |
| | | Octobre | Non enregistré | | | | | | | | | | |
| Helsinki | 1940 | Avril | - | 25.0 | -15.0 | - | - | - | - | | | | |
| | | Mai | - | 27.0* | 22.5 | 19.0 | 11.0 | -12.5 | - | | | | |
| | | Juin | 35.0 | 34.0 | 29.5 | 26.5 | 22.0 | 9.0 | -14.0 | | | | |
| | | Juillet | 42.0 | 40.5 | 36.0 | 32.5 | 28.5 | 16.0 | -7.0 | | | | |
| | | Août | - | - | 38.0* | 34.0 | 27.5 | 4.0 | -13.0 | | | | |
| | | Septembre | - | - | 4.0 | -3.0 | -10.0 | - | - | | | | |
| | | Octobre | 1.0 | -1.0 | -8.5 | -13.0 | - | - | - | | | | |
| Luleå | 1950 | Avril | Enregistrement insuffisant | | | | | | | | | | |
| | | Mai | 34.5 | 33.0 | 27.0 | 20.0 | -1.5 | - | - | | | | |
| | | Juin | 36.5* | 35.0 | 30.0 | 27.5 | 23.5 | 14.0 | -11.0 | | | | |
| | | Juillet | 33.5 | 32.5 | 28.0 | 24.5 | 19.0 | -7.0 | - | | | | |
| | | Août | - | 26.0* | 19.5 | 14.5 | 5.0 | - | - | | | | |
| | | Septembre | - | 25.0 | 2.5 | -5.5 | - | - | - | | | | |
| | | Octobre | -2.5* | -6.0 | - | - | - | - | - | | | | |
| Sodankylä | 2220 | Avril | 19.5 | 15.5 | -10.0 | -16.0* | - | - | - | | | | |
| | | Mai | 19.0* | 15.5* | -0.5 | -8.5 | - | - | - | | | | |
| | | Juin | 25.0 | 23.0 | 17.0 | 12.0 | 4.5 | -6.0 | - | | | | |
| | | Juillet | 25.0 | 23.0 | 16.5 | 12.0 | 6.0 | -9.0 | - | | | | |
| | | Août | 24.5 | 20.0 | 6.0 | -4.5 | -13.5 | - | - | | | | |
| | | Septembre | -2.5* | -5.0 | -15.5 | - | - | - | - | | | | |
| | | Octobre | -0.5 | -3.5 | -13.5 | - | - | - | - | | | | |
| Monte Lauro | 2510 | Avril | Signal insuffisant | | | | | | | | | | |
| | | Mai | 29.5 | 27.5 | 20.0 | 14.5 | 9.0 | 0.5 | -7.5 | | | | |
| | | Juin | 28.0* | 27.0* | 22.5 | 20.0 | 16.5 | 11.0 | 4.0 | | | | |
| | | Juillet | 17.0* | 16.0* | 12.0 | 9.5 | 6.5 | 0 | -7.0 | | | | |
| | | Août | 15.0 | 13.5 | 8.0 | 5.0 | 1.0 | -7.0 | - | | | | |
| | | Septembre | 15.5 | 13.0 | 5.0 | -2.0 | -11.0 | - | - | | | | |
| | | Octobre | 12.0 | 5.0 | -10.5 | -15.0 | - | - | - | | | | |

* Valeurs obtenues par extrapolation

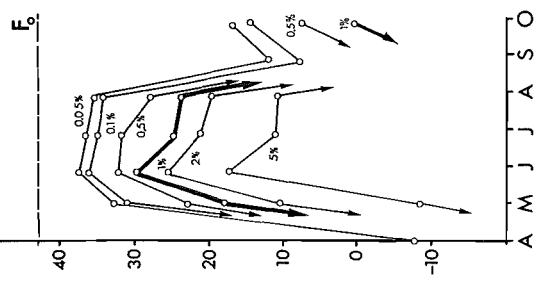
Transmitter : MONTE SAMBUCO **49.3 MHz**

Horizontal polarisation

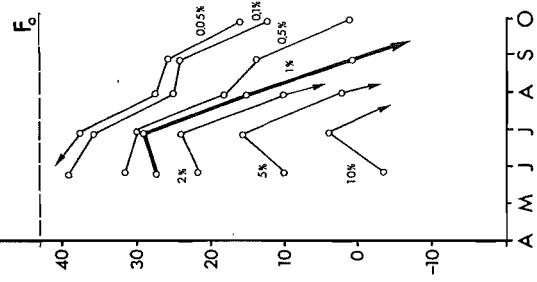
Received at JURBISE
Distance : 1320 km



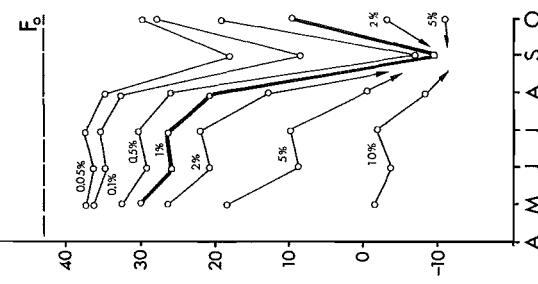
1966



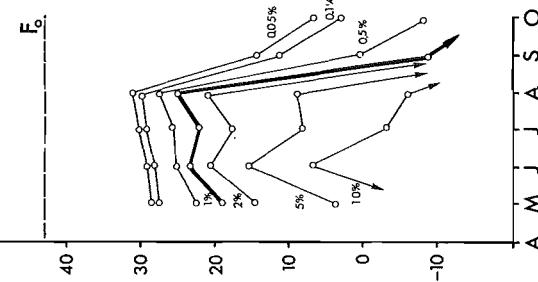
1965



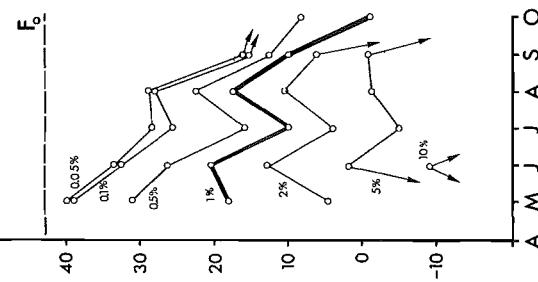
1972



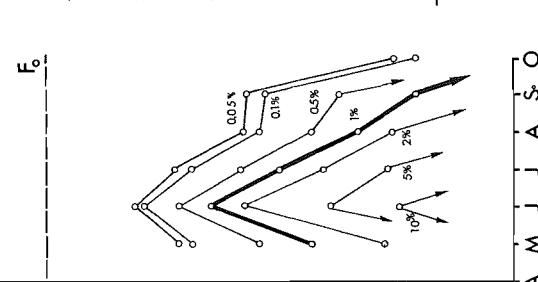
1971



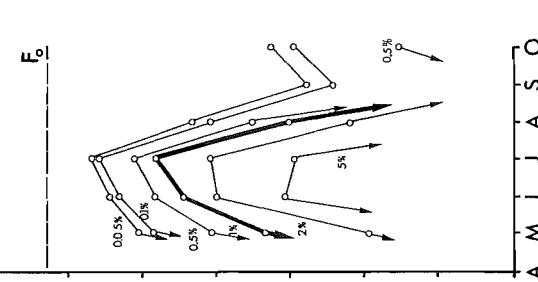
1970



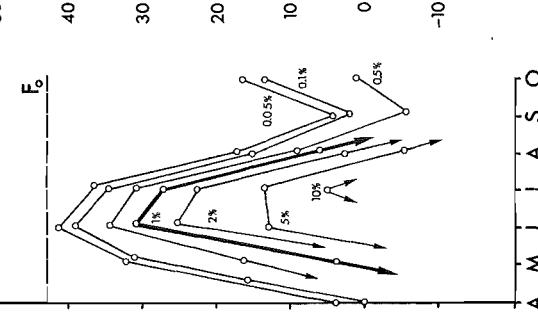
1969



1968



1967



Emetteur : MONTE SAMBUCO
Réception à KINGSWOOD (antenne horizontale)
Distance : 1590 km

Polarisation horizontale
 F (dB_{μ})

49.3 MHz

Transmitter : MONTE SAMBUUCO **49.3 MHz**
Horizontal polarisation

Received at **STAGSHAW**

Distance : **1950 km**

1966

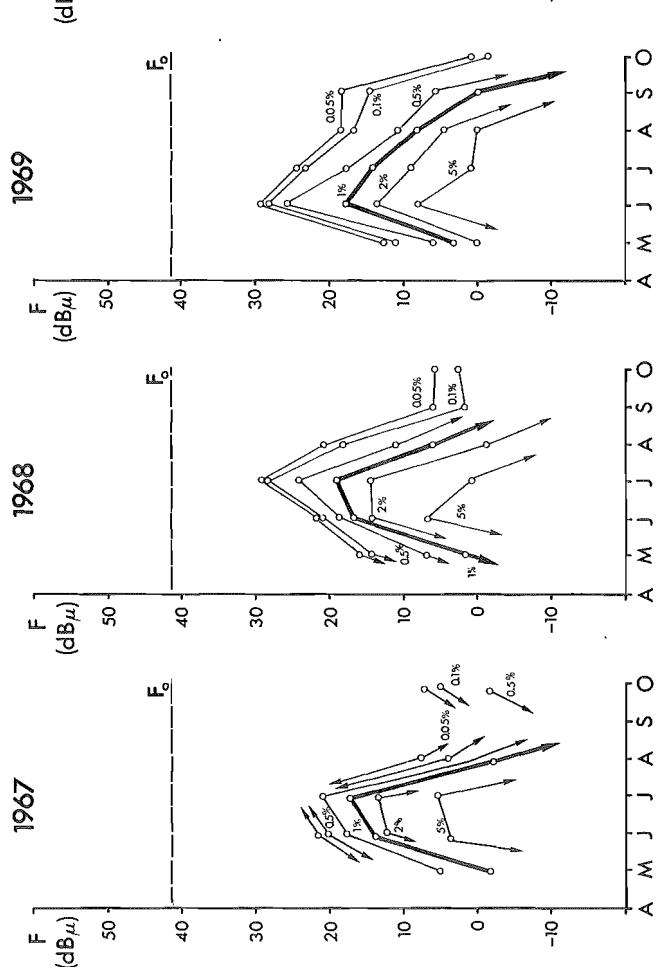
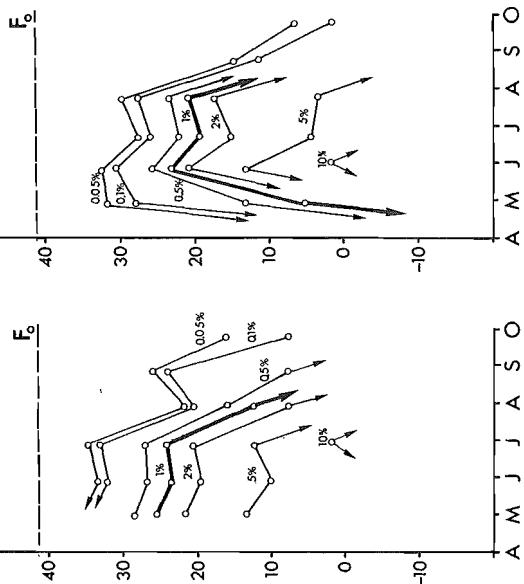
1965

1969

1970

1971

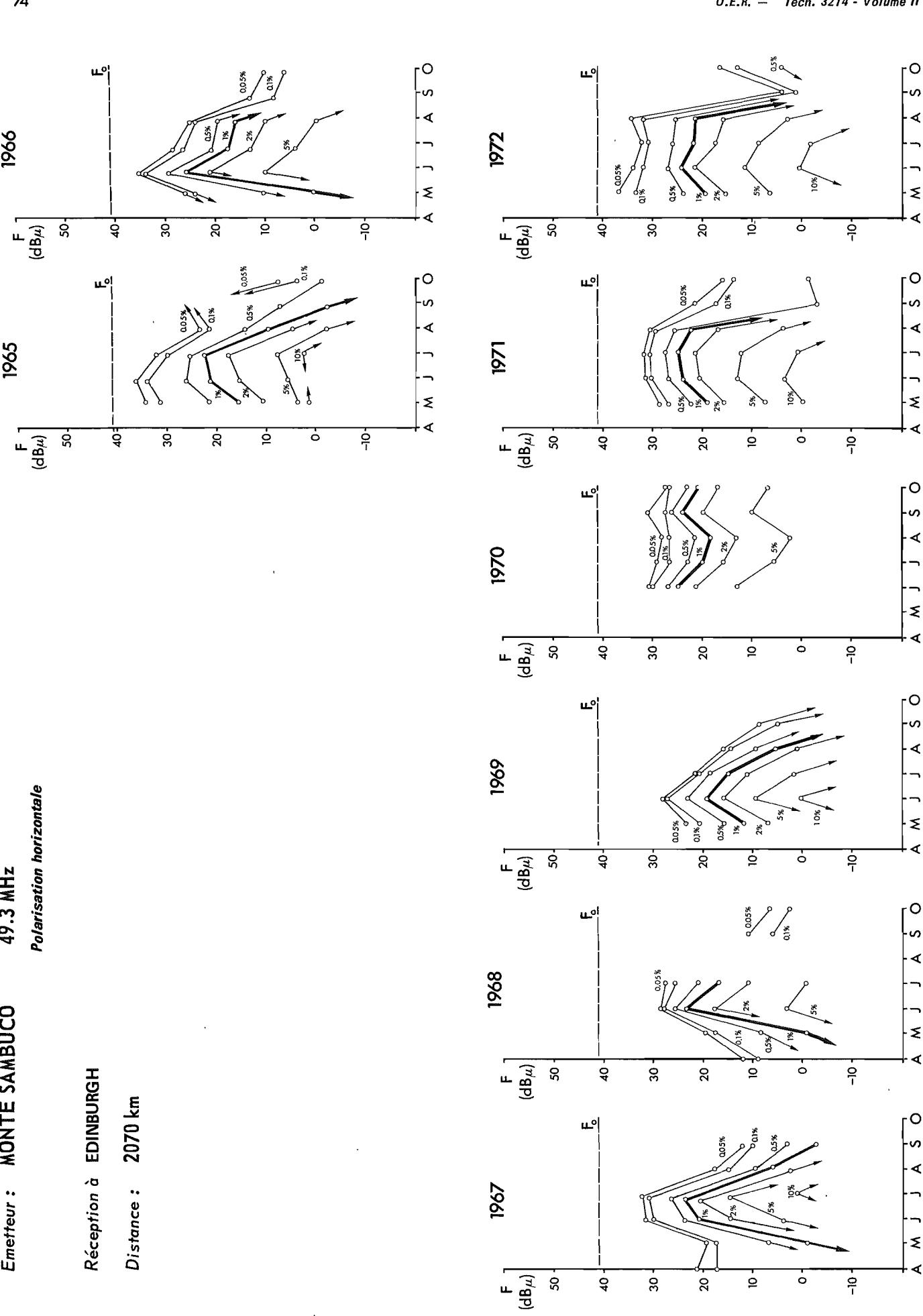
1972



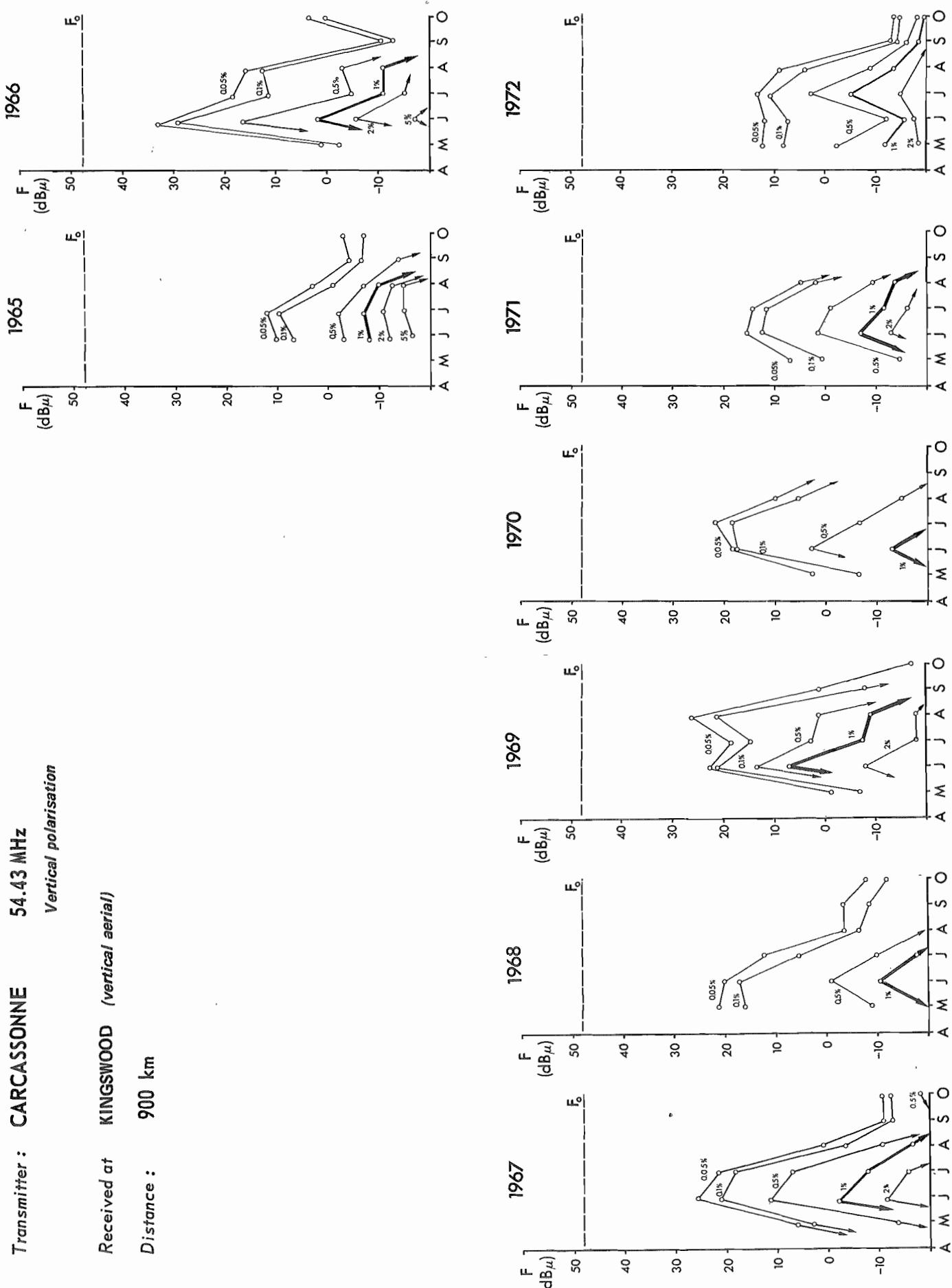
Emetteur : MONTE SAMBUCO **49.3 MHz**
Polarisation horizontale

Réception à EDINBURGH

Distance : 2070 km



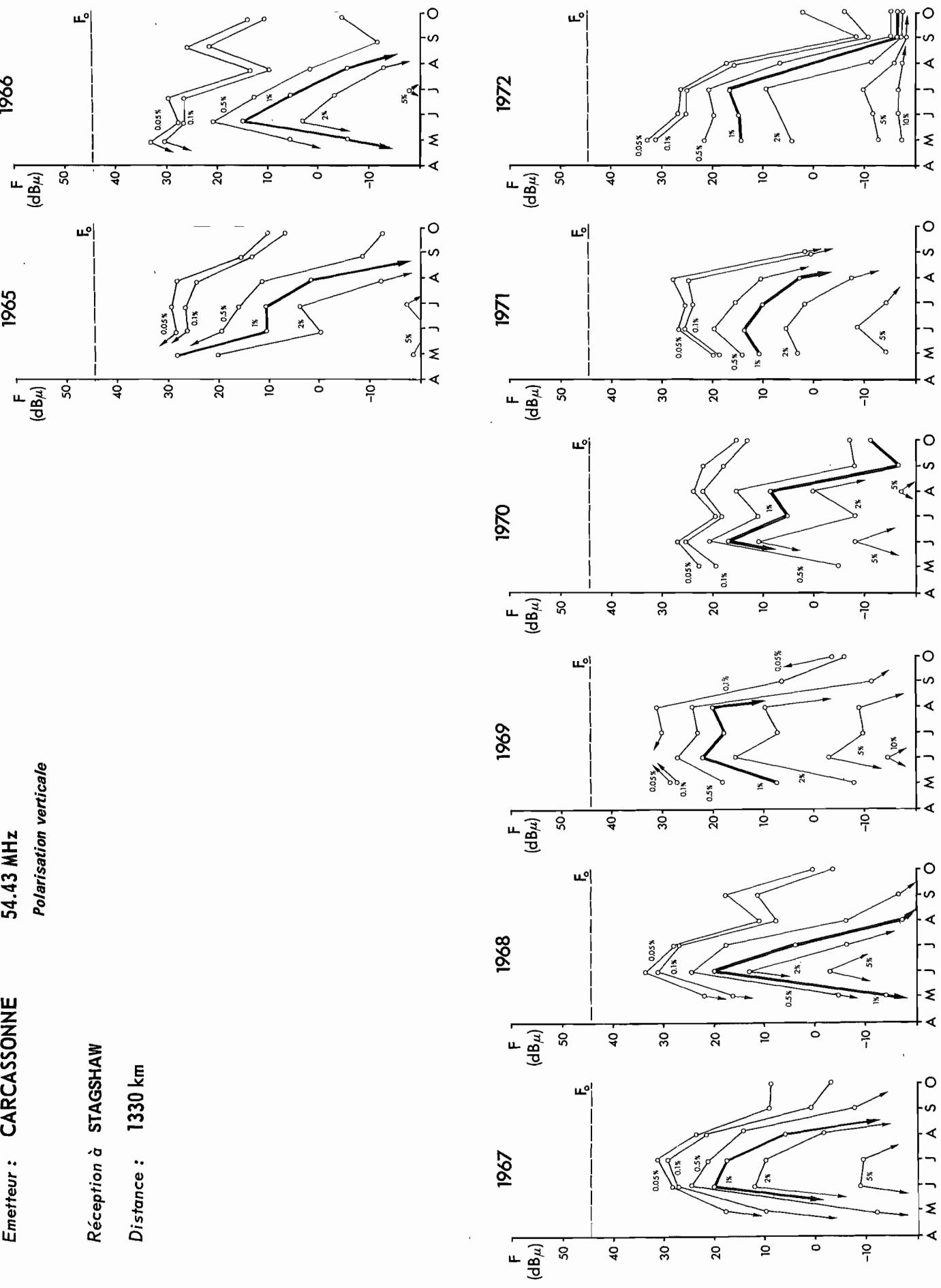
Transmitter : CARCASSONNE
Received at KINGSWOOD (vertical aerial)
Distance : 900 km



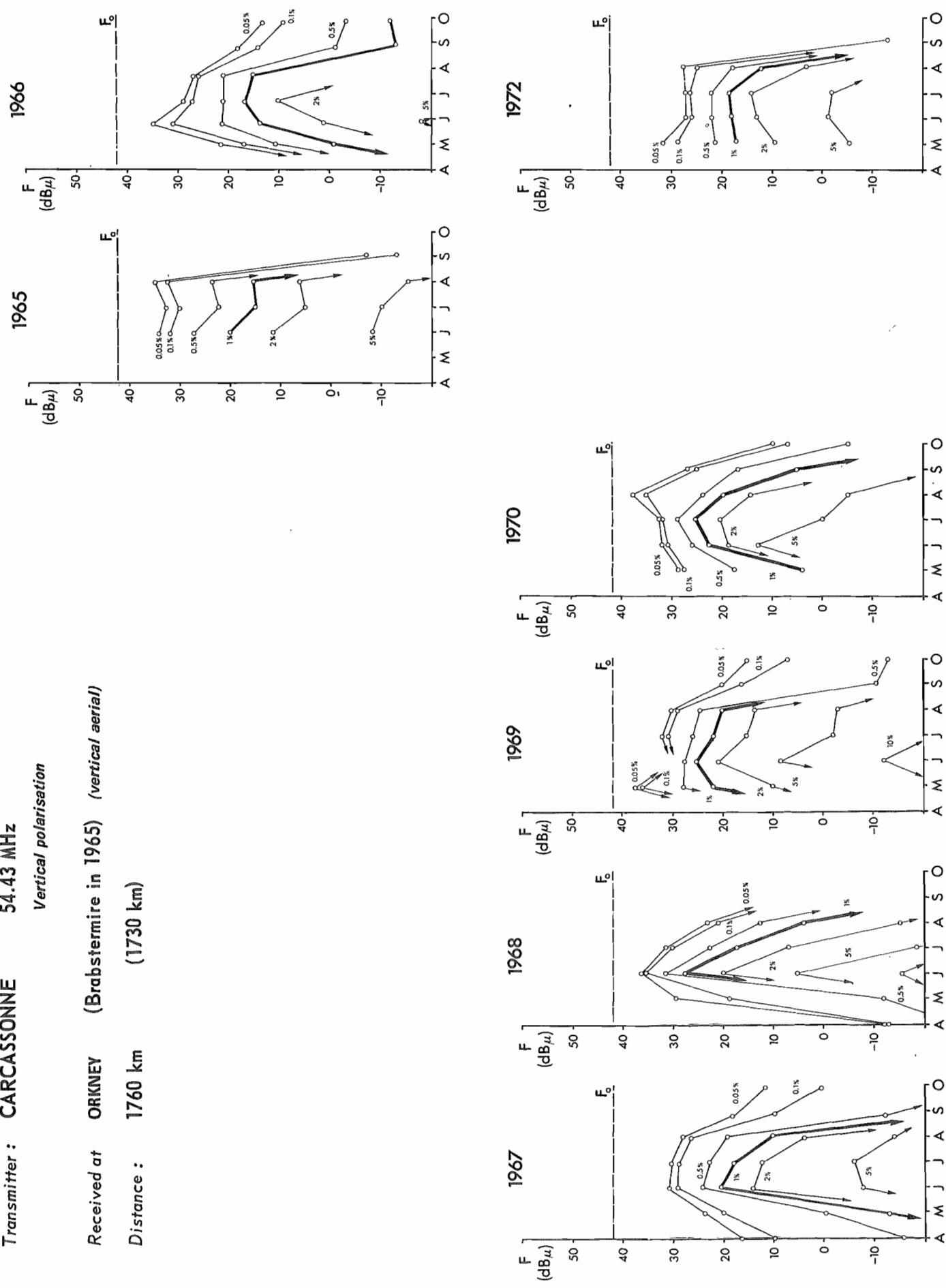
Emetteur : CARCASSONNE *54.43 MHz* *Polarisation verticale*

Réception à STAGSHAW

Distance : 1330 km



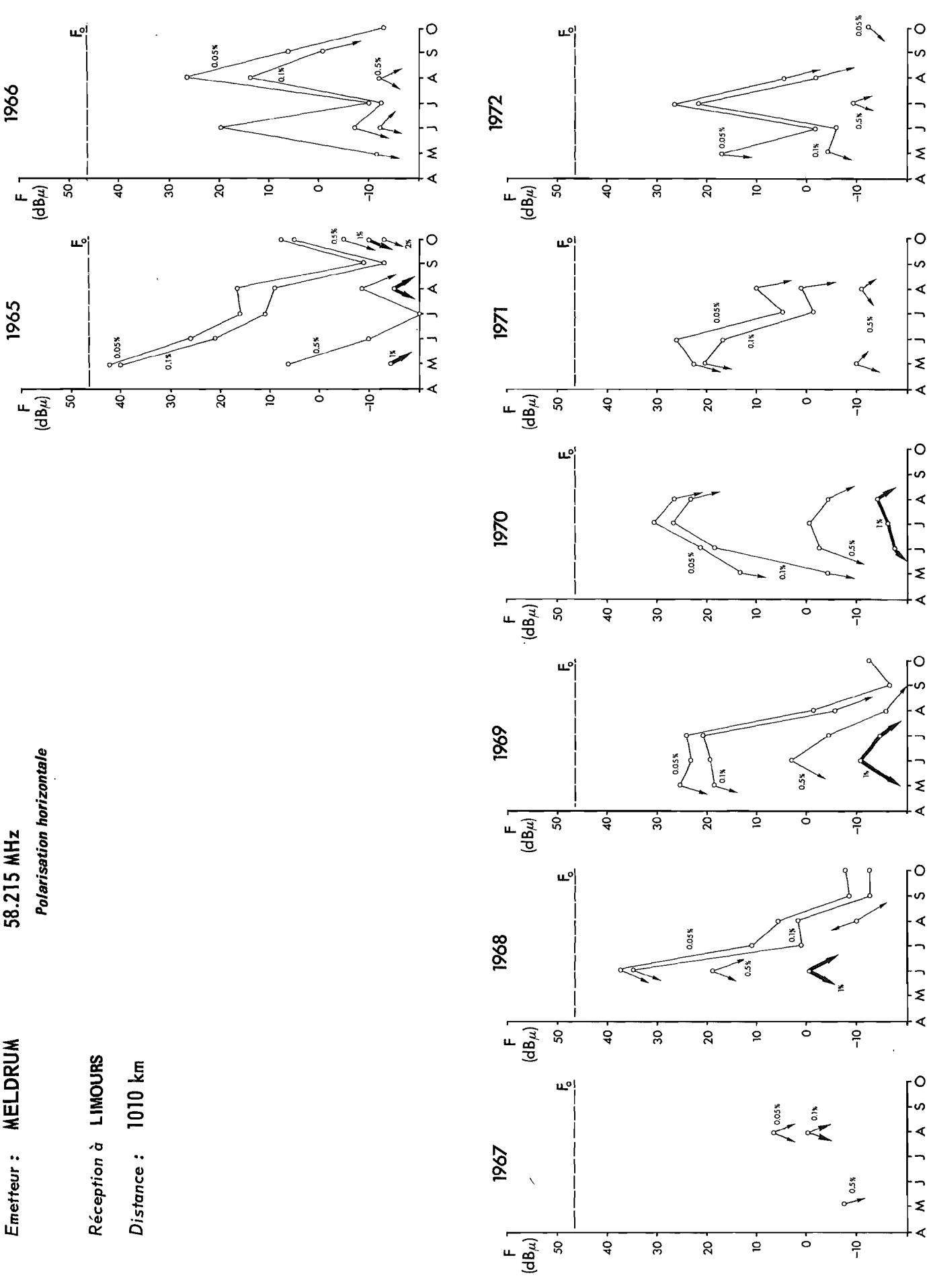
Transmitter : CARCASSONNE 54.43 MHz
Received at ORKNEY (Brabstermire in 1965) (vertical aerial)
Distance : 1760 km (1730 km)



Emetteur : MELDRUM
Réception à LIMOURS
Distance : 1010 km

58.215 MHz

Polarisation horizontale

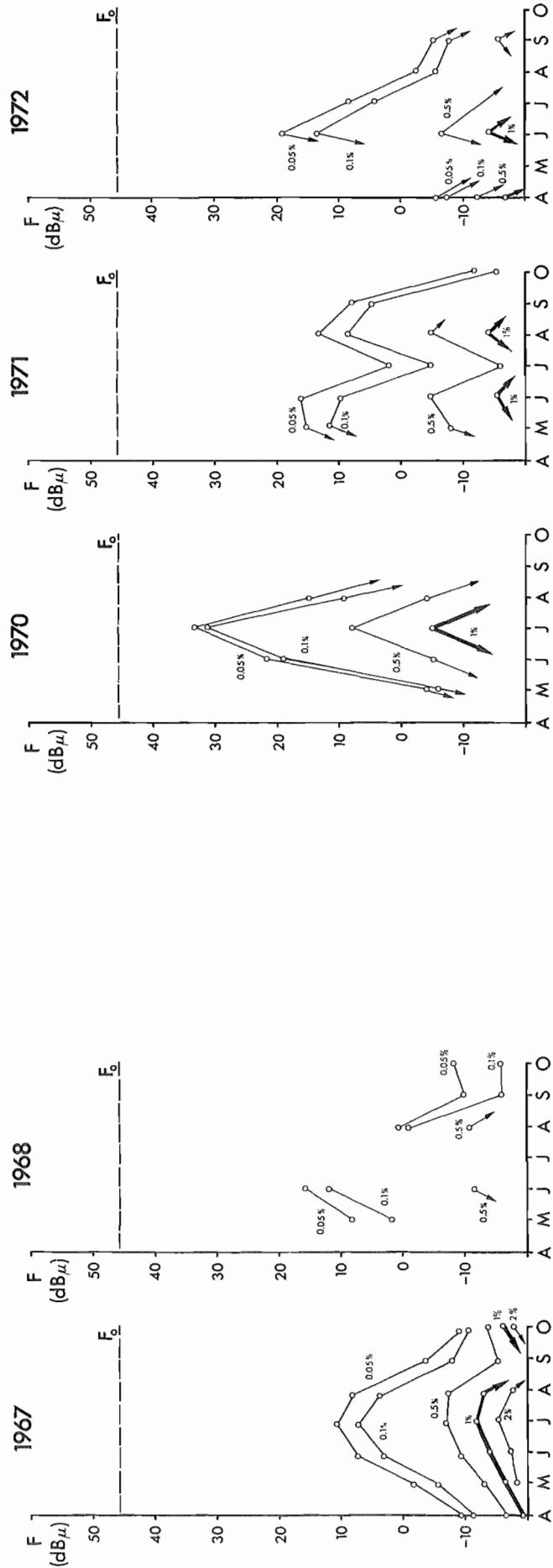
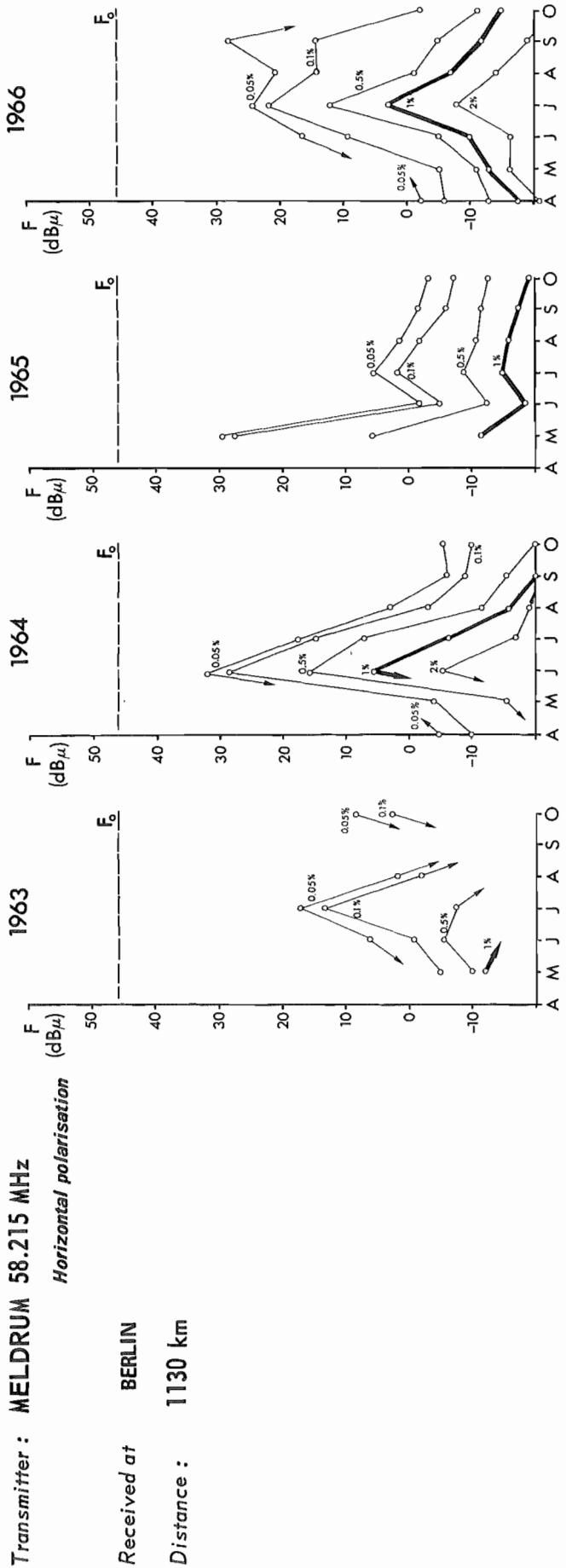


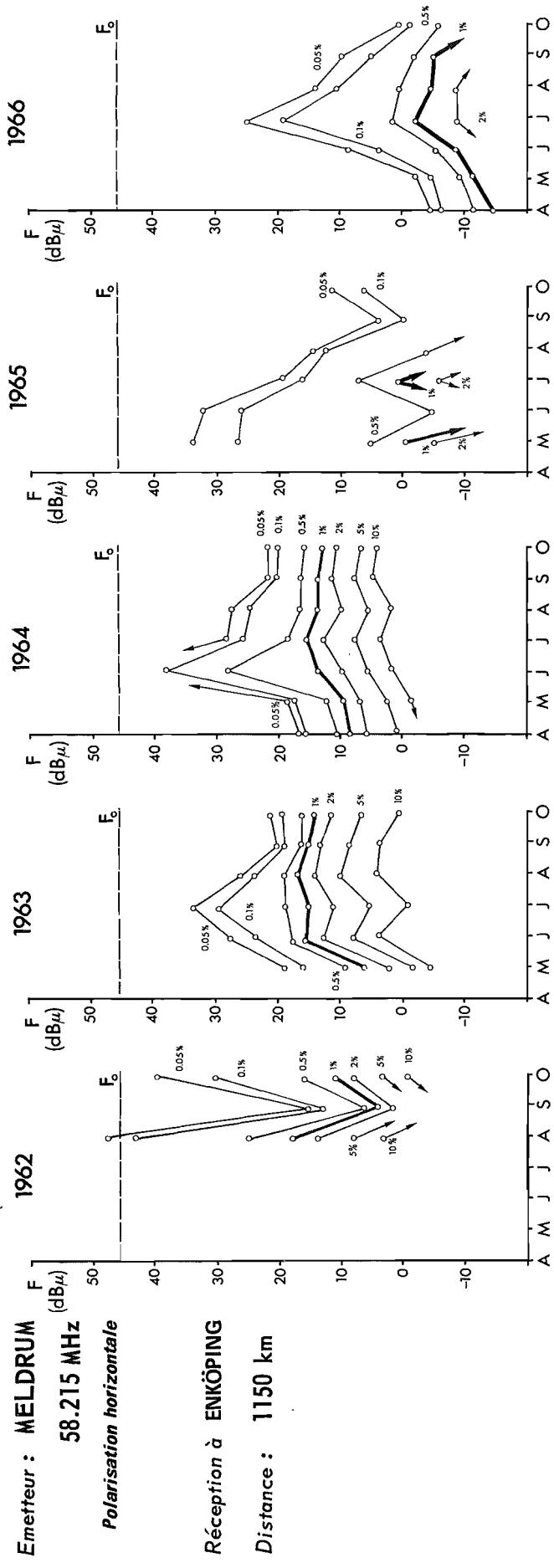
Transmitter : MELDRUM 58.215 MHz 1963 1964
Horizontal polarisation F F
 (dB_u) (dB_u)

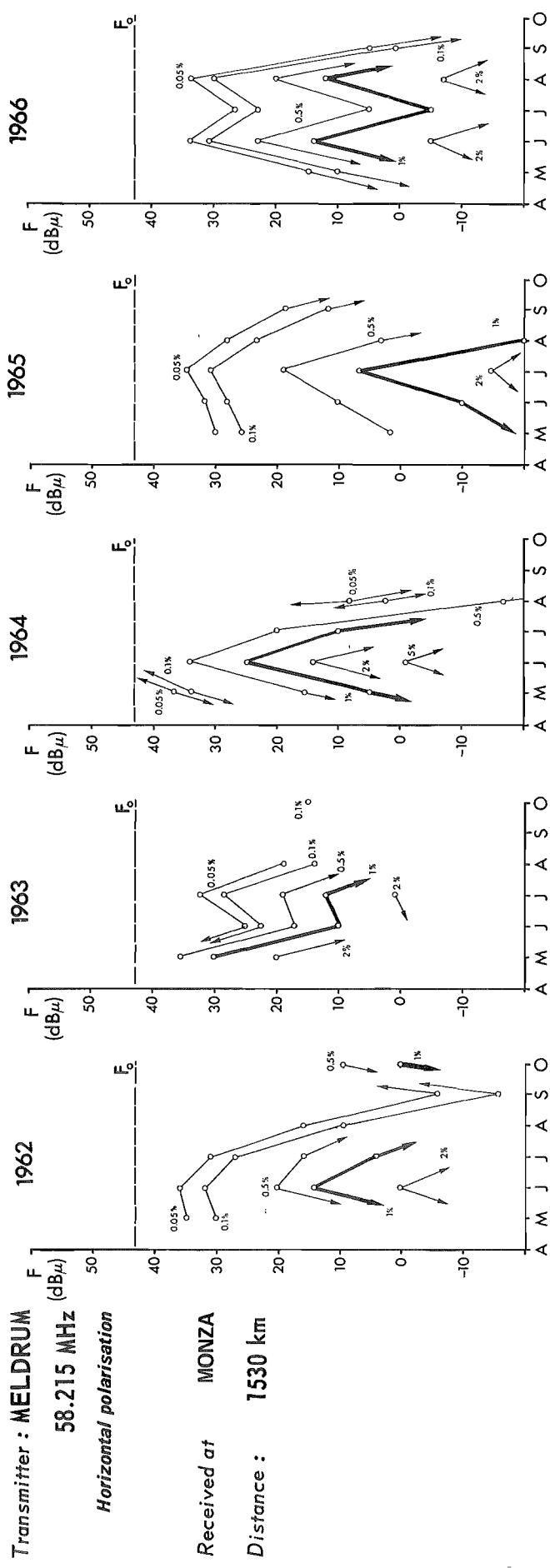
Horizontal polarisation

Received at BERLIN

Distance : 1130 km

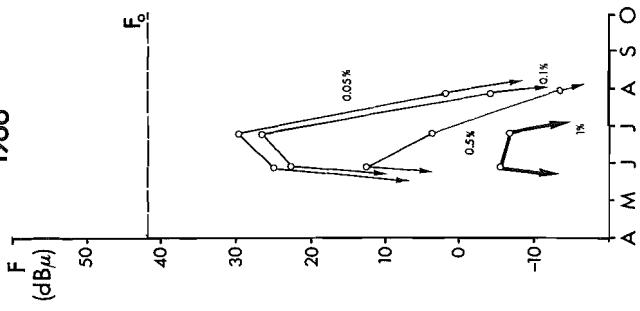




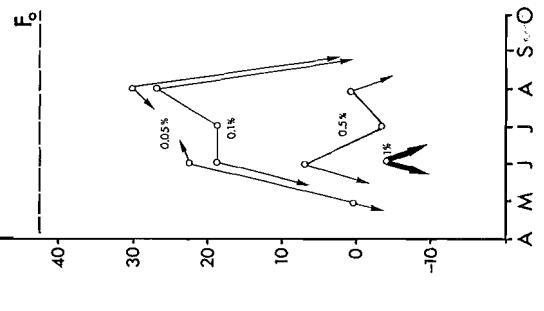


Emetteur : MELDRUM
Réception à HELSINKI
Distance : 1600 km

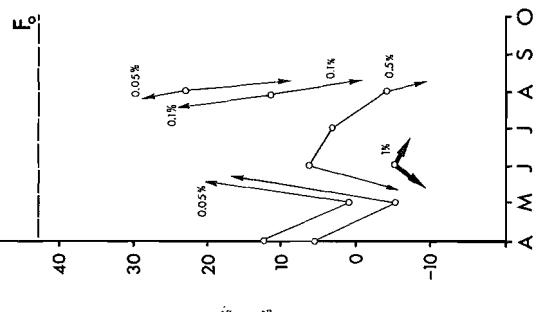
1966



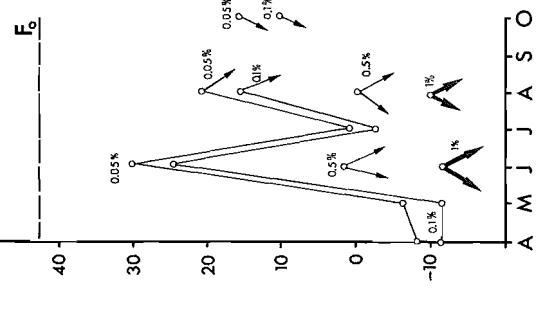
1972



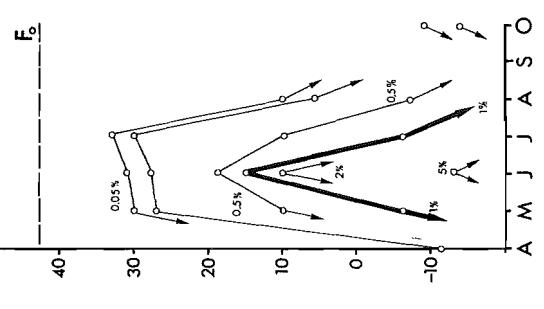
1971



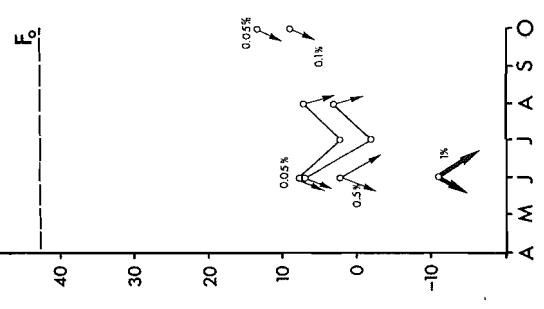
1970



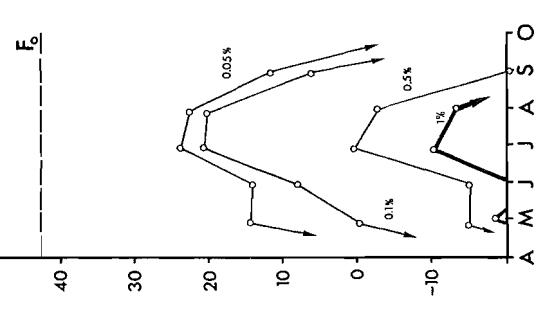
1969



1968



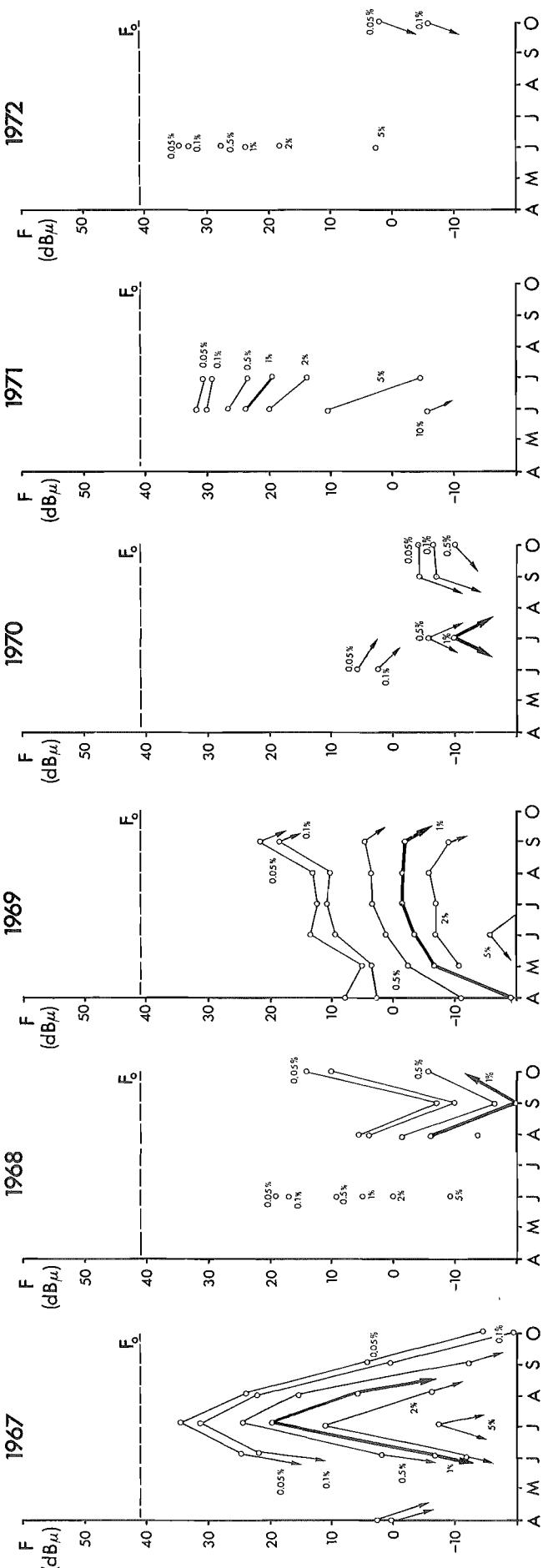
1967



Transmitter : MELDRUM
Horizontal polarisation

Received at MORLUPO
Distance : 1990 km

58.215 MHz



**La reproduction totale ou partielle de cette publication
n'est autorisée qu'avec l'accord préalable de l'éditeur**

**Reproduction, even in part, of this publication is forbidden
except with the prior, written authority of the Publisher**

D/1976/0299/126

Editeur responsable : Rudolf Gressmann, avenue Albert Lancaster 32, 1180 Bruxelles (Belgique)

Prix : 120 FB.
Price : 120 Belgian francs