

AMENDMENTS TO SERVICE PUBLICATIONS

Abbreviations used

ADD	Insert	PAR	Paragraph
COL	Column	REP	Replace
LIR	Read	SUP	Delete
P	Page(s)		

List of International Monitoring Stations (List VIII) Edition of 2022

(Amendment No. 3)

PART I

STATIONS IN THE TERRESTRIAL RADIOCOMMUNICATION SERVICES

E – Spain

MOD (Centralizing office)

Centralizing office	Postal address	Telephone, Telefax, Electronic-mail	Remarks
Subdirección General de Inspección de las Telecomunicaciones e Infraestructuras Digitales Secretaría General de Telecomunicaciones y Ordenación de los Servicios de Comunicación Audiovisual	C/ Poeta Joan Maragall 41 Planta 9.ª 28071 Madrid Spain	PHONE: +34 91 3462605 TELEFAX: +34 91 3461567 EMAIL: cter@economia.gob.es	

P 1 MOD by alphabetical order

Station: El Casar (IMS)

Name of the station	Postal address	Telephone, Telefax, Electronic-mail
El Casar (IMS)	Cno. Ribatejada, s/n 19170 El Casar (Guadalajara) Spain	PHONE: +34 91 3462553 PHONE: +34 91 3462617 EMAIL: SPascual@economia.gob.es EMAIL: zaida.sierra@economia.gob.es

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service (UTC)	Remarks
40°41'40"N 003°25'00"W	Frequency measurements	10 kHz - 30 MHz	HX	GPS-referenced frequency pattern.
40°41'40"N 003°25'00"W	Field strength or power flux-density measurements	10 kHz - 30 MHz	HX	
40°41'40"N 003°25'00"W	Direction-finding measurements	1 MHz - 30 MHz	HX	Circular network of 9 double-square elements. Interferometric system.
40°41'40"N 003°25'00"W	Bandwidth measurements	10 kHz - 30 MHz	HX	
40°41'40"N 003°25'00"W	Automatic spectrum occupancy surveys	10 kHz - 30 MHz	HX	

Station: **La Esperanza (IMS)**

Name of the station	Postal address	Telephone, Telefax, Electronic-mail
La Esperanza (IMS)	C/ La Marina, 20-5° 38071 Tenerife Spain	PHONE: +34 91 3462553 PHONE: +34 91 3462617 EMAIL: SPascual@economia.gob.es EMAIL: zaida.sierra@economia.gob.es

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service (UTC)	Remarks
28°27'23"N 016°22'45"W	Frequency measurements	10 kHz - 30 MHz	HX	GPS-referenced frequency pattern.
28°27'23"N 016°22'45"W	Field strength or power flux-density measurements	10 kHz - 30 MHz	HX	
28°27'23"N 016°22'45"W	Direction-finding measurements	1 MHz - 30 MHz	HX	Circular network of 9 double-square elements. Interferometric system.
28°27'23"N 016°22'45"W	Bandwidth measurements	10 kHz - 30 MHz	HX	
28°27'23"N 016°22'45"W	Automatic spectrum occupancy surveys	10 kHz - 30 MHz	HX	

EGY – Egypt

MOD (Centralizing office)

Centralizing office	Postal address	Telephone, Telefax, Electronic-mail	Remarks
National Telecommunication Regulatory Authority	B4 Smart Village Km 28 Alex - Cairo Desert Road P.O. Box 40 Giza	PHONE: +202 35344666 TELEFAX: +202 35344155 EMAIL: melbashary@tra.gov.eg	

MOD by alphabetical order

Station: **Giza**

Name of the station	Postal address	Telephone, Telefax, Electronic-mail
Giza	B4 Smart Village Km 28 Alex - Cairo Desert Road P.O. Box 40 Giza Egypt	PHONE: +202 35344630 TELEFAX: +202 35344155 EMAIL: welkhalafawy@tra.gov.eg

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service (UTC)	Remarks
30°01'20"N 031°12'33"E	Frequency measurements	10 kHz - 30 MHz	H24	
30°01'20"N 031°12'33"E	Direction-finding measurements	10 kHz - 30 MHz	H24	Adcock.
30°01'20"N 031°12'33"E	Bandwidth measurements	10 kHz - 30 MHz	H24	
30°01'20"N 031°12'33"E	Automatic spectrum occupancy surveys	10 kHz - 30 MHz	H24	

ROU – Romania

MOD (Centralizing office)

Centralizing office	Postal address	Telephone, Telefax, Electronic-mail	Remarks
National Authority for Management and Regulation in Communications of Romania - ANCOM Executive Directorate for Monitoring and Control	2, Delea Noua Street 030925 Bucharest 3 Romania	PHONE: +40 372 845400 TELEFAX: +40 372 845402 EMAIL: ancom@ancom.ro	

ADD by alphabetical order

Station: SMG Constanta (IMS)

Name of the station	Postal address	Telephone, Telefax, Electronic-mail
SMG Constanta (IMS)	Remote Monitoring Station Cumpana Romania	PHONE: +40 372 845318 PHONE: +40 372 845508 EMAIL: iulian.mihalcea@ancom.ro EMAIL: liviu.birsan@ancom.ro

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service (UTC)	Remarks
44°08'01"N 028°36'25"E	Frequency measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time). Remotely controlled monitoring station. Height of antenna: 57 m.
44°08'01"N 028°36'25"E	Field strength or power flux-density measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Remotely controlled monitoring station. Hours of service from Monday to Friday (local time).
44°08'01"N 028°36'25"E	Direction-finding measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Remotely controlled monitoring station. Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time).

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service (UTC)	Remarks
				<p>8-element circular antenna array for reception and direction finding of vertically polarized waves in the frequency range 1300 MHz to 6000 MHz.</p> <hr/> <p>If necessary, measurements are carried out by mobile monitoring stations (van), on request, all over Romanian territory. Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time).</p> <hr/> <p>9-element circular antenna array with quadrature multiplexer for signal processing with a single receiver in the frequency range 20 MHz to 1300 MHz (horizontal and vertical polarization).</p> <hr/> <p>Correlative.</p>
44°08'01"N 028°36'25"E	Bandwidth measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	<p>Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time).</p> <hr/> <p>Remotely controlled monitoring station.</p> <hr/> <p>An electronic result (.jpg for waterfall plots and .xls for field strengths) is available upon request.</p>
44°08'01"N 028°36'25"E	Automatic spectrum occupancy surveys	20 kHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	<p>On request.</p> <hr/> <p>All days of week.</p> <hr/> <p>An electronic result (.jpg for waterfall plots and .xls for field strengths) is available upon request.</p>

MOD by alphabetical order

Station: **HF Belciugatele (IMS)**

Name of the station	Postal address	Telephone, Telefax, Electronic-mail
HF Belciugatele (IMS)	Remote Monitoring Station Calarasi Region Romania	PHONE: +40 372 845020 PHONE: +40 372 845508 EMAIL: andrei.zancu@ancom.ro EMAIL: iulian.mihalcea@ancom.ro

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service (UTC)	Remarks
44°28'39"N 026°24'16"E	Frequency measurements	9 kHz - 30 MHz	0600-1400 (MON-THU) 0600-1130	Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time). <hr/> Remotely controlled monitoring station. Height of antenna: 12 m.
44°28'39"N 026°24'16"E	Field strength or power flux-density measurements	9 kHz - 30 MHz	0600-1400 (MON-THU) 0600-1130	Hours of service from Monday to Friday (local time). <hr/> Remotely controlled monitoring station.
44°28'39"N 026°24'16"E	Direction-finding measurements	2 MHz - 30 MHz	0600-1400 (MON-THU) 0600-1130	Remotely controlled monitoring station. Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time). <hr/> Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time). <hr/> 9-element DF antenna array with HF DF Switch / signal processing with a single receiver with two channels in the tuner (one is used for sample channel and one for the reference channel) in the frequency range 2 MHz to 30 MHz (vertical polarization).

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service (UTC)	Remarks
44°28'39"N 026°24'16"E	Bandwidth measurements	9 kHz - 30 MHz	0600-1400 (MON-THU) 0600-1130	<p>Remotely controlled monitoring station.</p> <hr/> <p>Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time).</p> <hr/> <p>An electronic result (.txt/.pdf for bandwidth measurements) is available upon request.</p>
44°28'39"N 026°24'16"E	Automatic spectrum occupancy surveys	9 kHz - 30 MHz	H24	<p>On request.</p> <hr/> <p>All days of week.</p> <hr/> <p>An electronic result (.txt/.pdf for field strengths/percentage of occupancy) is available upon request.</p>

Station: **SMG Craiova (IMS)**

Name of the station	Postal address	Telephone, Telefax, Electronic-mail
SMG Craiova (IMS)	Remote Monitoring Station Carligei Romania	PHONE: +40 372 845318 PHONE: +40 372 845508 EMAIL: iulian.mihalcea@ancom.ro EMAIL: liviu.birsan@ancom.ro

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service (UTC)	Remarks
44°17'05"N 023°44'58"E	Frequency measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	<p>Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time).</p> <hr/> <p>Remotely controlled monitoring station. Height of antenna: 27 m.</p>
44°17'05"N 023°44'58"E	Field strength or power flux-density measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	<p>Hours of service from Monday to Friday (local time).</p> <hr/> <p>Remotely controlled monitoring station.</p>

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service (UTC)	Remarks
44°17'05"N 023°44'58"E	Direction-finding measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	<p>Remotely controlled monitoring station. Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time).</p> <hr/> <p>8-element circular antenna array for reception and direction finding of vertically polarized waves in the frequency range 1300 MHz to 6000 MHz.</p> <hr/> <p>If necessary, measurements are carried out by mobile monitoring stations (van), on request, all over Romanian territory. Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time).</p> <hr/> <p>9-element circular antenna array with quadrature multiplexer for signal processing with a single receiver in the frequency range 20 MHz to 1300 MHz (horizontal and vertical polarization).</p> <hr/> <p>Correlative.</p>
44°17'05"N 023°44'58"E	Bandwidth measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	<p>Remotely controlled monitoring station.</p> <hr/> <p>Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time).</p> <hr/> <p>An electronic result (.jpg for waterfall plots and .xls for field strengths) is available upon request.</p>
44°17'05"N 023°44'58"E	Automatic spectrum occupancy surveys	20 kHz - 6 GHz	H24	<p>On request.</p> <hr/> <p>All days of week.</p> <hr/> <p>An electronic result (.jpg for waterfall plots and .xls for field strengths) is available upon request.</p>

Station: **SMG Galati (IMS)**

Name of the station	Postal address	Telephone, Telefax, Electronic-mail
SMG Galati (IMS)	Remote Monitoring Station Odaia Conachi Romania	PHONE: +40 372 845318 PHONE: +40 372 845508 EMAIL: iulian.mihalcea@ancom.ro EMAIL: liviu.birsan@ancom.ro

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service (UTC)	Remarks
45°33'15"N 027°59'05"E	Frequency measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time). Remotely controlled monitoring station. Height of antenna: 37 m.
45°33'15"N 027°59'05"E	Field strength or power flux-density measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Hours of service from Monday to Friday (local time). Remotely controlled monitoring station.
45°33'15"N 027°59'05"E	Direction-finding measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Remotely controlled monitoring station. Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time). 8-element circular antenna array for reception and direction finding of vertically polarized waves in the frequency range 1300 MHz to 6000 MHz. If necessary, measurements are carried out by mobile monitoring stations (van), on request, all over Romanian territory. Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time). 9-element circular antenna array with quadrature multiplexer for signal processing with a single receiver in the frequency range 20 MHz to 1300 MHz (horizontal and vertical polarization). Correlative.
45°33'15"N 027°59'05"E	Bandwidth measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Remotely controlled monitoring station.

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service (UTC)	Remarks
				Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time). <hr/> An electronic result (.jpg for waterfall plots and .xls for field strengths) is available upon request.
45°33'15"N 027°59'05"E	Automatic spectrum occupancy surveys	20 kHz - 6 GHz	H24	On request. <hr/> All days of week. <hr/> An electronic result (.jpg for waterfall plots and .xls for field strengths) is available upon request.

Station: **SMG Ghencea (IMS)**

Name of the station	Postal address	Telephone, Telefax, Electronic-mail
SMG Ghencea (IMS)	Remote Monitoring Station Bragadiru Romania	PHONE: +40 372 845318 PHONE: +40 372 845508 EMAIL: iulian.mihalcea@ancom.ro EMAIL: liviu.birsan@ancom.ro

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service (UTC)	Remarks
44°24'04"N 025°59'50"E	Frequency measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time). <hr/> Remotely controlled monitoring station. Height of antenna: 57 m.
44°24'04"N 025°59'50"E	Field strength or power flux-density measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Hours of service from Monday to Friday (local time). <hr/> Remotely controlled monitoring station.

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service (UTC)	Remarks
44°24'04"N 025°59'50"E	Direction-finding measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	<p>Remotely controlled monitoring station. Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time).</p> <hr/> <p>8-element circular antenna array for reception and direction finding of vertically polarized waves in the frequency range 1300 MHz to 6000 MHz.</p> <hr/> <p>If necessary, measurements are carried out by mobile monitoring stations (van), on request, all over Romanian territory. Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time).</p> <hr/> <p>Correlative.</p> <hr/> <p>9-element circular antenna array in the frequency range 20 MHz to 1300 MHz (horizontal and vertical polarization).</p>
44°24'04"N 025°59'50"E	Bandwidth measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	<p>Remotely controlled monitoring station.</p> <hr/> <p>Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time).</p> <hr/> <p>An electronic result (.jpg for waterfall plots and .xls for field strengths) is available upon request.</p>
44°24'04"N 025°59'50"E	Automatic spectrum occupancy surveys	20 kHz - 6 GHz	H24	<p>On request.</p> <hr/> <p>All days of week.</p> <hr/> <p>An electronic result (.jpg for waterfall plots and .xls for field strengths) is available upon request.</p>

Station: **SMG Oradea (IMS)**

Name of the station	Postal address	Telephone, Telefax, Electronic-mail
SMG Oradea (IMS)	Remote Monitoring Station Cordau Romania	PHONE: +40 372 845318 PHONE: +40 372 845508 EMAIL: iulian.mihalcea@ancom.ro EMAIL: liviu.birsan@ancom.ro

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service (UTC)	Remarks
46°57'51"N 021°58'09"E	Frequency measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time). <hr/> Remotely controlled monitoring station. Height of antenna: 37 m.
46°57'51"N 021°58'09"E	Field strength or power flux-density measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Hours of service from Monday to Friday (local time). <hr/> Remotely controlled monitoring station.
46°57'51"N 021°58'09"E	Direction-finding measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Remotely controlled monitoring station. Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time). <hr/> 8-element circular antenna array for reception and direction finding of vertically polarized waves in the frequency range 1300 MHz to 6000 MHz. <hr/> If necessary, measurements are carried out by mobile monitoring stations (van), on request, all over Romanian territory. Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time). <hr/> 9-element circular antenna array with quadrature multiplexer for signal processing with a single receiver in the frequency range 20 MHz to 1300 MHz (horizontal and vertical polarization). <hr/> Correlative.
46°57'51"N 021°58'09"E	Bandwidth measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Remotely controlled monitoring station. <hr/>

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service (UTC)	Remarks
				Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time). <hr/> An electronic result (.jpg for waterfall plots and .xls for field strengths) is available upon request.
46°57'51"N 021°58'09"E	Automatic spectrum occupancy surveys	20 kHz - 6 GHz	H24	On request. <hr/> All days of week. <hr/> An electronic result (.jpg for waterfall plots and .xls for field strengths) is available upon request.

Station: **SMG Satu Mare (IMS)**

Name of the station	Postal address	Telephone, Telefax, Electronic-mail
SMG Satu Mare (IMS)	Remote Monitoring Station Satu Mare Romania	PHONE: +40 372 845318 PHONE: +40 372 845508 EMAIL: iulian.mihalcea@ancom.ro EMAIL: liviu.birsan@ancom.ro

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service (UTC)	Remarks
47°48'52"N 022°52'37"E	Frequency measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time). <hr/> Remotely controlled monitoring station. Height of antenna: 57 m.
47°48'52"N 022°52'37"E	Field strength or power flux-density measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Hours of service from Monday to Friday (local time). <hr/> Remotely controlled monitoring station.

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service (UTC)	Remarks
47°48'52"N 022°52'37"E	Direction-finding measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	<p>Remotely controlled monitoring station. Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time).</p> <hr/> <p>8-element circular antenna array for reception and direction finding of vertically polarized waves in the frequency range 1300 MHz to 6000 MHz.</p> <hr/> <p>If necessary, measurements are carried out by mobile monitoring stations (van), on request, all over Romanian territory. Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time).</p> <hr/> <p>9-element circular antenna array with quadrature multiplexer for signal processing with a single receiver in the frequency range 20 MHz to 1300 MHz (horizontal and vertical polarization).</p> <hr/> <p>Correlative.</p>
47°48'52"N 022°52'37"E	Bandwidth measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	<p>Remotely controlled monitoring station.</p> <hr/> <p>Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time).</p> <hr/> <p>An electronic result (.jpg for waterfall plots and .xls for field strengths) is available upon request.</p>
47°48'52"N 022°52'37"E	Automatic spectrum occupancy surveys	20 kHz - 6 GHz	H24	<p>On request.</p> <hr/> <p>All days of week.</p> <hr/> <p>An electronic result (.jpg for waterfall plots and .xls for field strengths) is available upon request.</p>

Station: **SMG Suceava (IMS)**

Name of the station	Postal address	Telephone, Telefax, Electronic-mail
SMG Suceava (IMS)	Remote Monitoring Station Ipotesti Romania	PHONE: +40 372 845318 PHONE: +40 372 845508 EMAIL: iulian.mihalcea@ancom.ro EMAIL: liviu.birsan@ancom.ro

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service (UTC)	Remarks
47°36'57"N 026°17'09"E	Frequency measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time). <hr/> Remotely controlled monitoring station. Height of antenna: 27 m.
47°36'57"N 026°17'09"E	Field strength or power flux-density measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Hours of service from Monday to Friday (local time). <hr/> Remotely controlled monitoring station.
47°36'57"N 026°17'09"E	Direction-finding measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Remotely controlled monitoring station. Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time). <hr/> 8-element circular antenna array for reception and direction finding of vertically polarized waves in the frequency range 1300 MHz to 6000 MHz. <hr/> If necessary, measurements are carried out by mobile monitoring stations (van), on request, all over Romanian territory. Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time). <hr/> 9-element circular antenna array with quadrature multiplexer for signal processing with a single receiver in the frequency range 20 MHz to 1300 MHz (horizontal and vertical polarization). <hr/> Correlative.
47°36'57"N 026°17'09"E	Bandwidth measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Remotely controlled monitoring station. <hr/>

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service (UTC)	Remarks
				Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time). <hr/> An electronic result (.jpg for waterfall plots and .xls for field strengths) is available upon request.
47°36'57"N 026°17'09"E	Automatic spectrum occupancy surveys	20 kHz - 6 GHz	H24	On request. <hr/> All days of week. <hr/> An electronic result (.jpg for waterfall plots and .xls for field strengths) is available upon request.

Station: **SMG Timisoara (IMS)**

Name of the station	Postal address	Telephone, Telefax, Electronic-mail
SMG Timisoara (IMS)	Remote Monitoring Station Ianova Romania	PHONE: +40 372 845318 PHONE: +40 372 845508 EMAIL: iulian.mihalcea@ancom.ro EMAIL: liviu.birsan@ancom.ro

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service (UTC)	Remarks
45°50'26"N 021°24'45"E	Frequency measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time). <hr/> Remotely controlled monitoring station. Height of antenna: 37 m.
45°50'26"N 021°24'45"E	Field strength or power flux-density measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Hours of service from Monday to Friday (local time). <hr/> Remotely controlled monitoring station.
45°50'26"N 021°24'45"E	Direction-finding measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Remotely controlled monitoring station. Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time). <hr/> 8-element circular antenna array for reception and direction finding of vertically polarized waves in the frequency range 1300 MHz to 6000 MHz.

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service (UTC)	Remarks
				<hr/> <p>If necessary, measurements are carried out by mobile monitoring stations (van), on request, all over Romanian territory. Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time).</p> <hr/> <p>9-element circular antenna array with quadrature multiplexer for signal processing with a single receiver in the frequency range 20 MHz to 1300 MHz (horizontal and vertical polarization).</p> <hr/> <p>Correlative.</p>
45°50'26"N 021°24'45"E	Bandwidth measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	<p>Remotely controlled monitoring station.</p> <hr/> <p>Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time).</p> <hr/> <p>An electronic result (.jpg for waterfall plots and .xls for field strengths) is available upon request.</p>
45°50'26"N 021°24'45"E	Automatic spectrum occupancy surveys	20 kHz - 6 GHz	H24	<p>On request.</p> <hr/> <p>All days of week.</p> <hr/> <p>An electronic result (.jpg for waterfall plots and .xls for field strengths) is available upon request.</p>

Station: **SMG Tulcea (IMS)**

Name of the station	Postal address	Telephone, Telefax, Electronic-mail
SMG Tulcea (IMS)	Remote Monitoring Station Nufaru Romania	PHONE: +40 372 845318 PHONE: +40 372 845508 EMAIL: iulian.mihalcea@ancom.ro EMAIL: liviu.birsan@ancom.ro

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service (UTC)	Remarks
45°07'02"N 028°57'31"E	Frequency measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time). Remotely controlled monitoring station. Height of antenna: 37 m.
45°07'02"N 028°57'31"E	Field strength or power flux-density measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Hours of service from Monday to Friday (local time). Remotely controlled monitoring station.
45°07'02"N 028°57'31"E	Direction-finding measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Remotely controlled monitoring station. Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time). 8-element circular antenna array for reception and direction finding of vertically polarized waves in the frequency range 1300 MHz to 6000 MHz. If necessary, measurements are carried out by mobile monitoring stations (van), on request, all over Romanian territory. Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time). 9-element circular antenna array with quadrature multiplexer for signal processing with a single receiver in the frequency range 20 MHz to 1300 MHz (horizontal and vertical polarization). Correlative.
45°07'02"N 028°57'31"E	Bandwidth measurements	20 MHz - 6 GHz	0600-1400 (MON-THU) 0600-1130	Remotely controlled monitoring station.

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service (UTC)	Remarks
				<p>Hours of service from Monday to Thursday: 0900-1700 h (local time). Friday: 0900-1430 h (local time).</p> <hr/> <p>An electronic result (.jpg for waterfall plots and .xls for field strengths) is available upon request.</p>
45°07'02"N 028°57'31"E	Automatic spectrum occupancy surveys	20 kHz - 6 GHz	H24	<p>On request.</p> <hr/> <p>All days of week.</p> <hr/> <p>An electronic result (.jpg for waterfall plots and .xls for field strengths) is available upon request.</p>