



UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS  
BUREAU DES RADIOCOMMUNICATIONS

INTERNATIONAL TELECOMMUNICATION UNION  
RADIOCOMMUNICATION BUREAU

UNIÓN INTERNACIONAL DE TELECOMUNICACIONES  
OFICINA DE RADIOCOMMUNICACIONES

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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE	<b>INSPIRESAT-1</b>	PARTIE PART PARTE	<b>I-S</b>
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA	---	BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	<b>2971 / 17.05.2022</b>
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	<b>IND</b>	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	<b>NGSO</b>
		NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	<b>122500063</b>
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL			<b>07.04.2022</b>

Notifications reçues au titre de		Notifications received under		Notificaciones recibidas en virtud de lo dispuesto en	
<b>X</b>	Article 11 du Règlement des radiocommunications	<b>X</b>	Article 11 of the Radio Regulations	<b>X</b>	Artículo 11 del Reglamento de Radiocomunicaciones
	Article 5 des Appendices 30 et/ou 30A		Article 5 of Appendices 30 and/or 30A		Artículo 5 de los Apéndices 30 y/o 30A
	Article 8 de l'Appendice 30B		Article 8 of Appendix 30B		Artículo 8 del Apéndice 30B

Pour plus d'informations sur les dispositions réglementaires et l'explication des codes ou symboles utilisés dans cette publication, veuillez consulter la <a href="#">Préface</a> .	For more details on the regulatory provisions and the explanation of the codes or symbols used in this publication, please consult the <a href="#">Preface</a> .	Para más detalles sobre las disposiciones reglamentarias y la explicación de los códigos o símbolos utilizados en esta publicación, sírvase consultar el <a href="#">Prefacio</a> .
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国际电信联盟  
无线电通信局

МЕЖДУНАРОДНЫЙ СОЮЗ ЭЛЕКТРОСВЯЗИ  
БЮРО РАДИОСВЯЗИ

الاتحاد الدولي للاتصالات  
مكتب الاتصالات الراديوية

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卫星网络 СПУТНИКОВАЯ СЕТЬ الشبكة الساتلية	<b>INSPIRESAT-1</b>		部分 ЧАСТЬ الجزء	<b>I-S</b>	
地球站 ЗЕМНАЯ СТАНЦИЯ المحطة الأرضية	---		无线电通信局国际频率信息通报 / 日期 ИФИК БР / ДАТА النشرة الإعلامية الدولية للترددات / رقمها وتاريخها	<b>2971 / 17.05.2022</b>	
负责主管部门 ОТВЕТСТВЕННАЯ АДМ. الإدارة المسؤولة	<b>IND</b>	标称经度 НОМИНАЛЬНАЯ ДОЛГОТА خط الطول الاسمي	<b>NGSO</b>	识别号 ИДЕНТИФИКАЦИОННЫЙ НОМЕР رقم تعرف الهوية	<b>122500063</b>
通信局收到资料的日期 / ДАТА ПОЛУЧЕНИЯ ИНФОРМАЦИИ БЮРО / معلومات استلمها المكتب في				<b>07.04.2022</b>	

根据以下条款收到的通知		Заявления, полученные согласно		بطاقات تبليغ مستلمة بموجب	
X	《无线电规则》第11条	X	Статья 11 Регламента радиосвязи	X	المادة 11 من لوائح الراديو
	附录30和/或30A第5条		Статья 5 Приложений 30 и/или 30A		المادة 5 من التذييلين 30 و/أو 30A
	附录30B第8条		Статья 8 Приложения 30B		المادة 8 من التذييل 30B

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<p>On trouvera la description des éléments de données utilisés dans les publications dans le document:</p> <ul style="list-style-type: none"> <li>- <a href="#">ItemsDescription_F.pdf</a></li> <li>- <a href="http://www.itu.int/ITU-R/space/brific/legend/">http://www.itu.int/ITU-R/space/brific/legend/</a></li> </ul>	<p>The description of the data items used in the publications can be found in the document:</p> <ul style="list-style-type: none"> <li>- <a href="#">ItemsDescription_E.pdf</a></li> <li>- <a href="http://www.itu.int/ITU-R/space/brific/legend/">http://www.itu.int/ITU-R/space/brific/legend/</a></li> </ul>	<p>La descripción de los datos empleados en las publicaciones figura en el documento:</p> <ul style="list-style-type: none"> <li>- <a href="#">ItemsDescription_S.pdf</a></li> <li>- <a href="http://www.itu.int/ITU-R/space/brific/legend/">http://www.itu.int/ITU-R/space/brific/legend/</a></li> </ul>
<p>出版物中使用的数据项说明，见文件:</p> <ul style="list-style-type: none"> <li>- <a href="#">ItemsDescription_C.pdf</a></li> <li>- <a href="http://www.itu.int/ITU-R/space/brific/legend/">http://www.itu.int/ITU-R/space/brific/legend/</a></li> </ul>	<p>Описание элементов данных, используемых в данной публикации, содержится в документе:</p> <ul style="list-style-type: none"> <li>- <a href="#">ItemsDescription_R.pdf</a></li> <li>- <a href="http://www.itu.int/ITU-R/space/brific/legend/">http://www.itu.int/ITU-R/space/brific/legend/</a></li> </ul>	<p>يمكن الاطلاع على وصف عناصر المعطيات المستعملة في المنشورات في الوثيقة:  <a href="#">ItemsDescription_A.pdf</a>  <a href="http://www.itu.int/ITU-R/space/brific/legend/">http://www.itu.int/ITU-R/space/brific/legend/</a></p>

PARTIE I-S / PART I-S / PARTE I-S / 第I-S部分 / ЧАСТЬ I-S / الجزء I-S										
A	A1a Sat. Network	INSPIRESAT-1	A1f1 Notif. adm.	IND	A1f3 Inter. sat. org.		BR1 Date of receipt	07.04.2022	BR20/BR21 BR IFIC no./part	2971/1
	BR6a/BR6b Id. no.	122500063	BR3a/BR3b Provision reference	11.2	N	BR2 Adm. serial no.				

**Il est prévu d'exploiter ce système à satellites non OSG dans le cadre d'une mission de courte durée conformément à la Résolution 32 (CMR-19)**

**This non-GSO satellite system is planned to be operated as short duration mission in accordance with Resolution 32 (WRC-19)**

**Está previsto que este sistema de satélites no OSG opere como misión de corta duración en los términos de la Resolución 32 (CMR-19)**

此non-GSO卫星系统计划按照第32号决议(WRC-19)进行短期任务操作

**Данная спутниковая система НГСО планируется к использованию для непродолжительных полетов в соответствии с Резолюцией 32 (ВКР-19)**

من المخطط تشغيل هذا النظام الساتلي غير المستقر بالنسبة إلى الأرض كمهمة قصيرة المدة وفقاً للقرار 32 (WRC-19)

**Résumé / Summary / Resumen / 綜述 / Резюме / خلاصة**

B1a Beam designation	B2 Emi-Rcp	BR8 Action code	BR7a Group id.	BR9 Action code	C3a Assigned freq. band	BR47 Frequency band (MHz)	BR53 Nb of freq.	C4a Class of station	BR54 Nb of emiss.
TCU	R		122623659		15	437.4925 - 437.5075	1	EA	1
SDD	E		122623657		2000	2401 - 2403	1	EA	1
TMD	E		122623658		15	437.4925 - 437.5075	1	EA	1

A A1a Sat. Network  A1f1 Notif. adm.  A1f3 Inter. sat. org.  BR1 Date of receipt  BR20/BR21 BR IFIC no./part   
 BR6a/BR6b Id. no.  BR3a/BR3b Provision reference  N BR2 Adm. serial no.  TCU R

A1f2 Submitted on behalf

A1g Short Mission Duration Res 32  A24a SDM commitment

A4b1 No. of orbital planes  A4b2 Ref. body

A4b1a Constellation

A4b3a No. of space stations simult. trans. on Northern Hemisphere  A4b3b No. of space stations simult. trans. on Southern Hemisphere

A4b7a Max. sat. rcv. simult.  A4b7b Avg. no. of As. E-stn  A4b7c Avg. distance

A4b7d1 Excl. zone type  A4b7d2 Excl. zone width

A4b6bis Limited or Extended set

Orbital plane id. no.	A4b4a Inclination angle	A4b4b No. of satellites in this plane	A4b4c Period	A4b4d Apogee	A4b4f Min. altitude	A4b4m,n,o Sun synchronous			A4b4g Right asc.	A4b6c Station keeping	A4b6e Specific modelled station	A4b4j Long. asc. node
				A4b4e Perigee		Y/N	Node reference time	Node local time	A4b4i Arg. of perigee	A4b6d Repeat period	A4b6f Precession rate	A4b6j Long. tolerance
1	97.6	1	0-01:30	536e0	536e0	Y						
				536e0								

Orbital plane no.	Satellite no.	A4b4h Initial phase angle	A4b4k Date	A4b4l Time	B4a Orbit link / List of beams
1	1				

A17a Compliance with PFD limit dB(W)/(m<sup>2</sup>·1MHz) in the band 1164 - 1215 MHz

A17a.bis Calculated EPFD value in the band 1610.6 – 1613.8 MHz  dB(W)/(m<sup>2</sup>·20 kHz)

A17b2 Calculated aggregate PFD value in the band 5030.0 - 5150.0 MHz  dB(W)/(m<sup>2</sup>·150 kHz)

A17b3 EPFD in the band 4990.0 - 5000.0 MHz  dB(W)/(m<sup>2</sup>·10 MHz)

A17d Mean PFD  dB(W)/(m<sup>2</sup>·1 MHz)

A17e1a Calculated EPFD value in the band 42.5 - 43.5 GHz at RA SDT  dB(W)/(m<sup>2</sup>·1 GHz)

A17e1b Calculated EPFD value in the band 42.5 - 43.5 GHz at RA SDT  dB(W)/(m<sup>2</sup>·500 kHz)

A17e1c Calculated EPFD value in the band 42.5 - 43.5 GHz at RA VLBI  dB(W)/(m<sup>2</sup>·500 kHz)

A15a EPFD compliance  A18a Aircraft earth station commitment

BR104 Commitment Res 770  BR103 Demonstration Res 770

B1a/BR17 Beam designation  B1b Steerable  B2 Emi-Rcp  B3a1 Max. co-polar gain

B2a1 Transmit only when visible from notified service area  B2a2 Min. Elev. Angle

B3c1 Co-polar antenna pattern					
Co-polar ref. pattern	Coef. A	Coef. B			Co-polar rad. diag.
ND-SPACE					

List of orbital planes

ALL

B4a3a1 Angle alpha  B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

A	A1a Sat. Network	INSPIRESAT-1	A1f1 Notif. adm.	IND	A1f3 Inter. sat. org.		BR1 Date of receipt	07.04.2022	BR20/BR21 BR IFIC no./part	2971/1
	BR6a/BR6b Id. no.	122500063	BR3a/BR3b Provision reference	11.2	N	BR2 Adm. serial no.		TCU	R	

<input type="checkbox"/>	BR7a/BR7b Group id.	122623659	BR1 Date of receipt	07.04.2022	C2c RR No. 4.4	<input type="checkbox"/>	BR97 No. 11.43A	<input type="checkbox"/>	BR98 For use in accordance with Res 163/164	<input type="checkbox"/>	
	A2a Date of bringing into use	14.02.2022	A2b Period of valid.	3	A3a Op. agency	011	A3b Adm. resp.	A	BR16 Value of type C8b	<input type="checkbox"/>	
	BR62 Expiry date for bringing into use	09.03.2028	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49						
	BR14 Special Section										
	C4a Class of station	EA	C3a Assigned freq. band	15	C5a Noise temperature	713	B4b5 Peak of pfd				
	C4b Nature of service	CP	C6a Polarization type	M	C6b Polarization angle						
	C11a1 Service area no.		C11a2 Service area	ALS	CHN	IND	SNG	USA	XAX	C11a3 Service area diagram	

A5/A6 Coordinations/Agreements	
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C2a1 Assigned frequency									
437.5	MHz								

A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/12779	1 15K0G1D--	18.8	-23	6.8		-35		27	

C7b Carrier frequency of the emissions (15K0G1D--)									
437.5	MHz								

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwidth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TYP-UHF	T				1	TA	CP	16	23			
LASP, FAIRBANKS	S	147W32 11	69N47 38	ALS	1	TA	CP	18.9	21			
LASP, BOULDER	S	105W08 42	40N00 12	USA	1	TA	CP	16.7	21			
IIST1, THIRUVANATHAPURAM	S	077E02 03	08N37 31	IND	1	TA	CP	16	23			
IIST2, THIRUVANATHAPURAM	S	077E02 03	08N37 31	IND	1	TA	CP	16	16			
NTU, SINGAPORE	S	103E40 12	01N22 48	SNG	1	TA	CP	16.8	21			
NCU, TAIWAN	S	121E11 29	24N58 17	CHN	1	TA	CP	18.9	21			

C10b1 Assoc. earth station id.	C10d5a Co-polar antenna pattern						
	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
TYP-UHF							1
LASP, FAIRBANKS							1
LASP, BOULDER							1
IIST1, THIRUVANATHAPURAM							1
IIST2, THIRUVANATHAPURAM							1
NTU, SINGAPORE							1
NCU, TAIWAN							1

13C Remarks	
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B1a/BR17 Beam designation	SDD	B1b Steerable	<input type="checkbox"/>	B2 Emi-Rcp	E	B3a1 Max. co-polar gain	10
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B2a1 Transmit only when visible from notified service area	<input type="checkbox"/>	B2a2 Min. Elev. Angle	<input type="checkbox"/>
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B3b1b Applicable PFD will be met by applying the method in Annex 1 of ROP 21.16	<input type="checkbox"/>	Attach. no.	<input type="checkbox"/>
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A A1a Sat. Network  A1f1 Notif. adm.  A1f3 Inter. sat. org.  BR1 Date of receipt  BR20/BR21 BR IFIC no./part   
 BR6a/BR6b Id. no.  BR3a/BR3b Provision reference  N BR2 Adm. serial no.  SDD  E

## B3c1 Co-polar antenna pattern

Co-polar ref. pattern	Coef. A	Coef. B	Co-polar rad. diag.
			4

## List of orbital planes

ALL

B4a3a1 Angle alpha  B4a3a2 Angle beta BR92 Attach. for missing angle alpha/beta 

BR7a/BR7b Group id.  BR1 Date of receipt  C2c RR No. 4.4  BR97 No. 11.43A  BR98 For use in accordance with Res 163/164

A2a Date of bringing into use  A2b Period of valid.  A3a Op. agency  A3b Adm. resp.  BR16 Value of type C8b  A4b7cbis Min. elevation angle

BR62 Expiry date for bringing into use  BR63 Confirmed date of bringing into use  BR64 Date of receipt of 1st Res49

BR14 Special Section 

C4a Class of station  C3a Assigned freq. band  B4b5 Peak of pfd

C4b Nature of service  C6a Polarization type  C6b Polarization angle

C8d1 Max. tot. peak pwr.  C8d2 Contiguous bandwidth

C11a1 Service area no.  C11a2 Service area     C11a3 Service area diagram

## A5/A6 Coordinations/Agreements

## C2a1 Assigned frequency

2402 MHz

A13 Ref. to Special Sections	C7a Design. of emission		C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
	API/A/12779	1	2M00G1D--	0	-63	0		-63		14

## C7b Carrier frequency of the emissions (2M00G1D--)

2402 MHz

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwdth	C10d6 Noise temp.	C10d7 Ant. diameter
TYP-S	T				1	TA CP	37.9	2.1	398	
LASP, BOULDER	S	105W08 42	40N00 12	USA	1	TA CP	40	2.1	398	
IIST1, THIRUVANATHAPURAM	S	077E02 03	08N37 31	IND	1	TA CP	37.9	2.1	398	
IIST2, THIRUVANATHAPURAM	S	077E02 03	08N37 31	IND	1	TA CP	37.9	2.1	577	
NTU, SINGAPORE	S	103E40 12	01N22 48	SNG	1	TA CP	37.9	2.1	398	
NCU, TAIWAN	S	121E11 29	24N58 17	CHN	1	TA CP	36.4	2.1	310	

## C10d5a Co-polar antenna pattern

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
TYP-S							2
LASP, BOULDER							2
IIST1, THIRUVANATHAPURAM							2
IIST2, THIRUVANATHAPURAM							2
NTU, SINGAPORE							2
NCU, TAIWAN							2

PARTIE I-S / PART I-S / PARTE I-S / 第I-S部分 / ЧАСТЬ I-S / الجزء I-S

A A1a Sat. Network  A1f1 Notif. adm.  A1f3 Inter. sat. org.  BR1 Date of receipt  BR20/BR21 BR IFIC no./part

BR6a/BR6b Id. no.  BR3a/BR3b Provision reference  N BR2 Adm. serial no.  SDD  E

13C Remarks

B1a/BR17 Beam designation  B1b Steerable  B2 Emi-Rcp  B3a1 Max. co-polar gain

B2a1 Transmit only when visible from notified service area  B2a2 Min. Elev. Angle

B3b1b Applicable PFD will be met by applying the method in Annex 1 of ROP 21.16  Attach. no.

B3c1 Co-polar antenna pattern					
Co-polar ref. pattern	Coef. A	Coef. B			Co-polar rad. diag.
ND-SPACE					

List of orbital planes  
ALL

B4a3a1 Angle alpha  B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id.  BR1 Date of receipt  C2c RR No. 4.4  BR97 No. 11.43A  BR98 For use in accordance with Res 163/164

A2a Date of bringing into use  A2b Period of valid.  A3a Op. agency  A3b Adm. resp.  BR16 Value of type C8b  A4b7cbis Min. elevation angle

BR62 Expiry date for bringing into use  BR63 Confirmed date of bringing into use  BR64 Date of receipt of 1st Res49

BR14 Special Section

C4a Class of station  C3a Assigned freq. band  B4b5 Peak of pfd

C4b Nature of service  C6a Polarization type  C6b Polarization angle

C8d1 Max. tot. peak pwr.  C8d2 Contiguous bandwidth

C11a1 Service area no.  C11a2 Service area     C11a3 Service area diagram

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency									
437.5	MHz								

A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.
API/A/12779	1 15K0G1D--	4	-38	4		-38		29	

C7b Carrier frequency of the emissions (15K0G1D--)									
437.5	MHz								

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cts. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwdth	C10d6 Noise temp.	C10d7 Ant. diameter
TYP-UHF	T				1	TA CP	16	23	577	
LASP, FAIRBANKS	S	147W32 11	69N47 38	ALS	1	TA CP	18.9	21	732	
LASP, BOULDER	S	105W08 42	40N00 12	USA	1	TA CP	16.7	21	732	
IIST1, THIRUVANATHAPURAM	S	077E02 03	08N37 31	IND	1	TA CP	16	23	577	
IIST2, THIRUVANATHAPURAM	S	077E02 03	08N37 31	IND	1	TA CP	16	16	577	
NTU, SINGAPORE	S	103E40 12	01N22 48	SNG	1	TA CP	16.8	21	732	
NCU, TAIWAN	S	121E11 29	24N58 17	CHN	1	TA CP	18.9	21	732	





PARTIE I-S / PART I-S / PARTE I-S / 第I-S部分 / ЧАСТЬ I-S / الجزء I-S										
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BR6a/BR6b Id. no.		122500063	BR3a/BR3b Provision reference		11.2	N	BR2 Adm. serial no.			TMD E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
TYP-UHF							3
LASP, FAIRBANKS							3
LASP, BOULDER							3
IIST1, THIRUVANATHAPURAM							3
IIST2, THIRUVANATHAPURAM							3
NTU, SINGAPORE							3
NCU, TAIWAN							3

13C Remarks

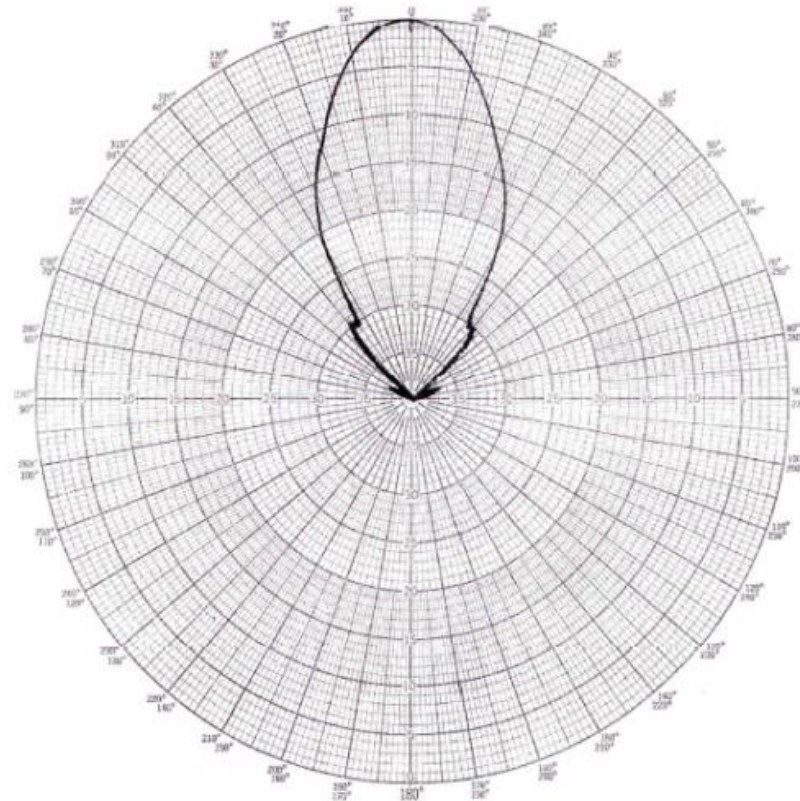


Figure / Figura / 图 / Рисунок / 1 الشكل

DIAGRAMME DE RAYONNEMENT DE L'ANTENNE D'EMISSION DE LA STATION TERRIENNE  
EARTH STATION TRANSMITTING ANTENNA RADIATION PATTERN  
DIAGRAMA DE RADIACION DE LA ANTENA TRANSMISORA DE LA ESTACION TERRENA  
地球站发射天线辐射方向图  
ДИАГРАММА НАПРАВЛЕННОСТИ ПЕРЕДАЮЩЕЙ АНТЕННЫ ЗЕМНОЙ СТАНЦИИ  
مخطط الإشعاع هوائي الإرسال للمحطة الأرضية

Faisceau / Beam / Haz / 波束 / Луч / الحزمة : TCU

Numéro de diagramme GIMS / GIMS diagram number / Número de diagrama GIMS / GIMS图形编号 / Номер диаграммы GIMS / GIMS مخطط رقم : 1



Thêta (degrés)/gain (dB)

Theta (degrees) vs. Gain (dB)

Theta (grados) respecto de la ganancia (dB)

Θ (度) 与增益(dB)相比

Theta (град.) в функции усиления (дБ)

ثيتا (بالدرجات) مقابل الكسب (dB)

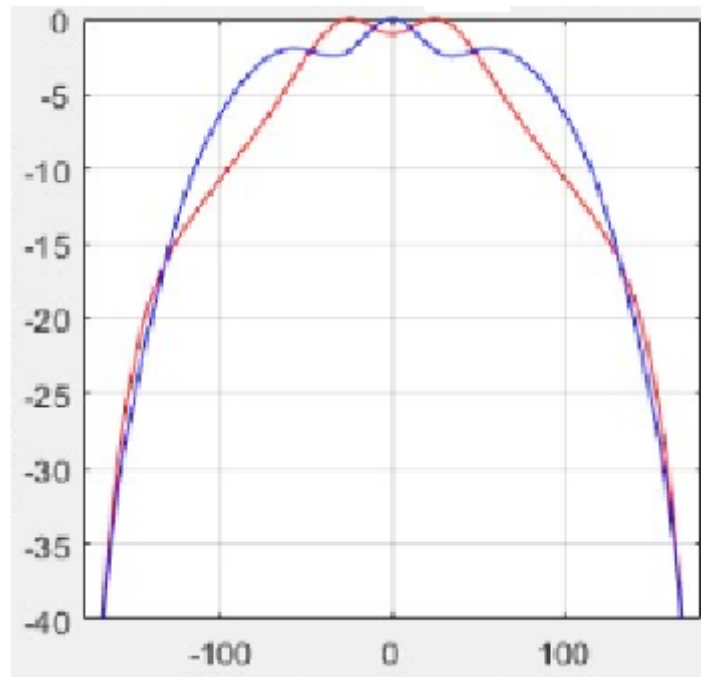
Figure / Figura / 图 / Рисунок / 2 الشكل

DIAGRAMME DE RAYONNEMENT DE L'ANTENNE DE RECEPTION DE LA STATION TERRIENNE  
EARTH STATION RECEIVING ANTENNA RADIATION PATTERN  
DIAGRAMA DE RADIACION DE LA ANTENA RECEPTORA DE LA ESTACION TERRENA  
地球站接收天线辐射方向图  
ДИАГРАММА НАПРАВЛЕННОСТИ ПРИЕМНОЙ АНТЕННЫ ЗЕМНОЙ СТАНЦИИ

مخطط الإشعاع هوائي الاستقبال للمحطة الأرضية

Faisceau / Beam / Haz / 波束 / Луч / الحزمة : SDD

Numéro de diagramme GIMS / GIMS diagram number / Número de diagrama GIMS / GIMS图形编号 / Номер диаграммы GIMS / GIMS رقم مخطط : 2



X = Elévation (°)

Elevation(°)

Elevación(°)

仰角(°)

угол места(°)

الارتفاع(°)

Y = Gain (dBi)

Gain (dBi)

Ganancia (dBi)

增益 (dBi)

УСИЛЕНИЕ (дБи)

الكسب(dBi)

Figure / Figura / 图 / Рисунок / 3 الشكل

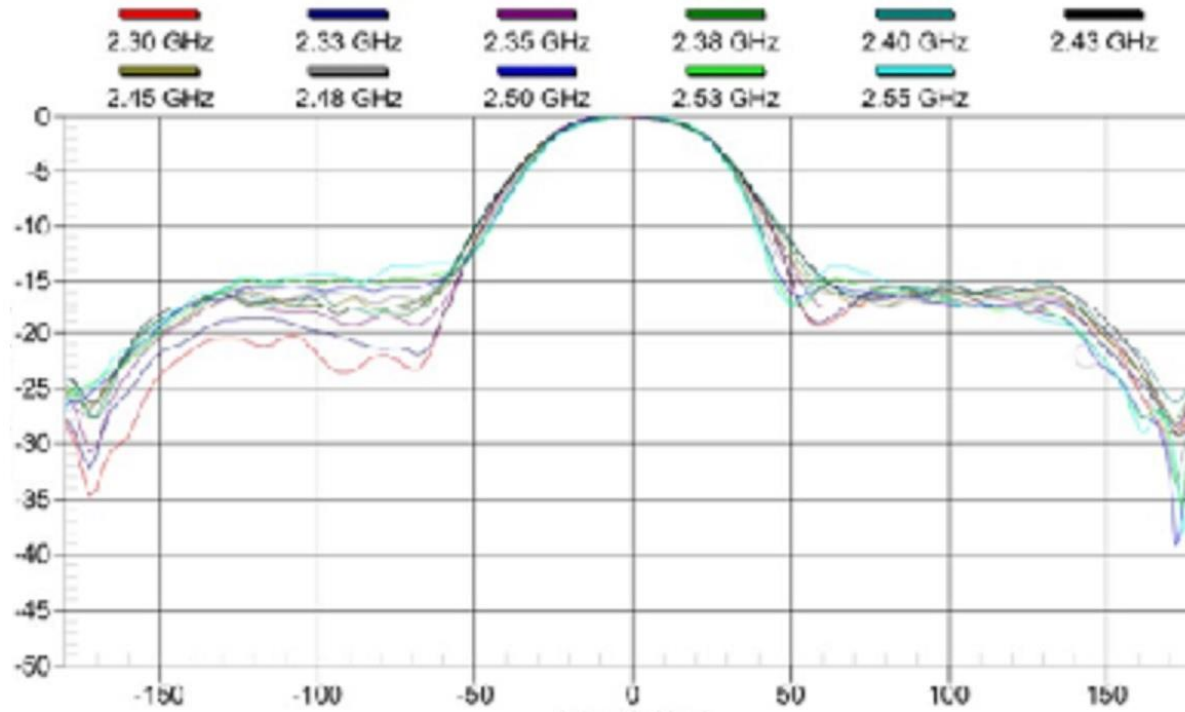
DIAGRAMME DE RAYONNEMENT DE L'ANTENNE D'EMISSION DE LA STATION SPATIALE  
 SPACE STATION TRANSMITTING ANTENNA RADIATION PATTERN  
 DIAGRAMA DE RADIACION DE LA ANTENA TRANSMISORA DE LA ESTACION ESPACIAL  
 空间电台发射天线辐射方向图  
 ДИАГРАММА НАПРАВЛЕННОСТИ ПЕРЕДАЮЩЕЙ АНТЕННЫ КОСМИЧЕСКОЙ СТАНЦИИ  
 مخطط الإشعاع لهوائي الإرسال للمحطة الفضائية

Faisceau / Beam / Haz / 波束 / Луч / الحزمة : SDD

Diagramme de champ lointain type –  
 Antenne standard à alignement  
 horizontal/Antenne cornet à alignement  
 horizontal

Typical Far Field Pattern - SANT  
 Horizontally Aligned to Horizontally  
 Aligned Horn Antenna

Diagrama de campo lejano típico –  
 ESTÁNDAR  
 Alineación horizontal con horizontal  
 Antena de bocina alineada



典型远场辐射图 – 标准横向调整喇叭天线  
 对横向调整喇叭天线

Типовая диаграмма направленности в  
 дальней зоне – стандартная  
 горизонтально ориентированная  
 антенна / горизонтально  
 ориентированная рупорная антенна

مخطط نمطي للمجال البعيد – هوائي معياري  
 بتراصف أفقي/هوائي بوقي بتراصف أفقي

X = Azimut (degrés)

Azimuth (degrees)

Acimut (grados)

方位角 (度)

Азимут (градусы)

السمت (بالدرجات)

Y = Amplitude (dB)

Amplitude (dB)

Amplitud (dB)

Amplitude (dB)

Амплитуда (дБ)

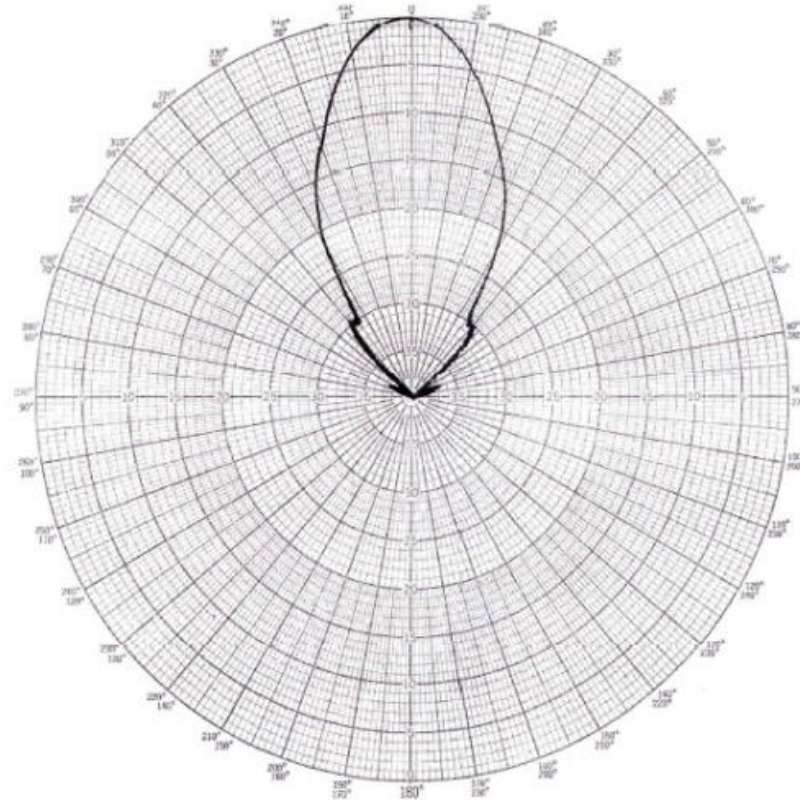
الانواع (dB)

Figure / Figura / 图 / Рисунок / 4 الشكل

DIAGRAMME DE RAYONNEMENT DE L'ANTENNE DE RECEPTION DE LA STATION TERRIENNE  
EARTH STATION RECEIVING ANTENNA RADIATION PATTERN  
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Thêta (degrés)/gain (dB)

Theta (degrees) vs. Gain (dB)

Theta (grados) respecto de la ganancia (dB)

Θ (度) 与增益(dB)相比

Theta (град.) в функции усиления (дБ)

ثيتا (بالدرجات) مقابل الكسب (dB)