



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	SKY-G1	PARTIE PART PARTE	II-S		
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA	---	BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	2960 / 30.11.2021		
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	RRW	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	NGSO	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	121500181
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL					26.08.2021

Assignations de fréquence inscrites dans le Fichier de référence au titre de		Frequency assignments recorded in the Master Register under		Asignaciones de frecuencia inscritis en el Registro con arreglo al	
X	Article 11 du Règlement des radiocommunications	X	Article 11 of the Radio Regulations	X	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 Préface .	For more details on the regulatory provisions and the explanation of the codes or symbols used in this publication, please consult the Preface .	Para más detalles sobre las disposiciones reglamentarias y la explicación de los códigos o símbolos utilizados en esta publicación, sírvase consultar el Prefacio .
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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	SKY-G1		部分 ЧАСТЬ الجزء	II-S
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	2960 / 30.11.2021
负责主管部门 ОТВЕТСТВЕННАЯ АДМ. الإدارة المسؤولة	RRW	标称经度 НОМИНАЛЬНАЯ ДОЛГОТА خط الطول الاسمي	NGSO	识别号 ИДЕНТИФИКАЦИОННЫЙ НОМЕР رقم تعرف الهوية
26.08.2021				26.08.2021

根据以下条款登记在《国际频率登记总表》中的频率指配		Частотные присвоения, внесенные в Справочный регистр согласно		تخصيصات تردد مسجلة في السجل الأساسي بموجب	
X	《无线电规则》第11条	X	Статья 11 Регламента радиосвязи	المادة 11 من لوائح الراديو	X
	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	

欲更详细了解本公报资料中使用的规则性条款和代码或符号的说明，请查阅 前言 。	Более подробная информация о регламентарных положениях и разъяснение кодов либо обозначений, используемых в настоящей публикации, содержится в Предисловии .	يرجى الرجوع إلى المقدمة للاطلاع على مزيد من التفاصيل الخاصة بالأحكام التنظيمية وتفسير الرموز والمعطيات المستعملة في هذا القسم.
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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"> - ItemsDescription_F.pdf - http://www.itu.int/ITU-R/space/brific/legend/ 	<p>The description of the data items used in the publications can be found in the document:</p> <ul style="list-style-type: none"> - ItemsDescription_E.pdf - http://www.itu.int/ITU-R/space/brific/legend/ 	<p>La descripción de los datos empleados en las publicaciones figura en el documento:</p> <ul style="list-style-type: none"> - ItemsDescription_S.pdf - http://www.itu.int/ITU-R/space/brific/legend/
<p>出版物中使用的数据项说明，见文件:</p> <ul style="list-style-type: none"> - ItemsDescription_C.pdf - http://www.itu.int/ITU-R/space/brific/legend/ 	<p>Описание элементов данных, используемых в данной публикации, содержится в документе:</p> <ul style="list-style-type: none"> - ItemsDescription_R.pdf - http://www.itu.int/ITU-R/space/brific/legend/ 	<p>يمكن الاطلاع على وصف عناصر المعطيات المستعملة في المنشورات في الوثيقة:</p> <p style="text-align: center;">ItemsDescription_A.pdf</p> <p>http://www.itu.int/ITU-R/space/brific/legend/</p>

PARTIE II-S / PART II-S / PARTE II-S / 第II-S部分 / ЧАСТЬ II-S / II-S الجزء										
A	A1a Sat. Network	SKY-G1	A1f1 Notif. adm.	RRW	A1f3 Inter. sat. org.		BR1 Date of receipt	26.08.2021	BR20/BR21 BR IFIC no./part	2960/2
	BR6a/BR6b Id. no.	121500181	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)

Modification des caractéristiques techniques

Veillez noter que les caractéristiques techniques

	ont été modifiées
X	n'ont pas été modifiées

depuis la publication de la fiche de notification dans la Partie I-S de la BRIFIC 2956 / 05.10.2021.

Changes in Technical Characteristics

Please note that the technical characteristics

	have been modified
X	have not been modified

since the publication of the notice in Part I-S of BRIFIC 2956 / 05.10.2021.

Cambios en las características técnicas

Sírvase tomar nota de que las características técnicas

	se han modificado
X	no se han modificado

desde la publicación de la notificación en la Parte I-S de la BRIFIC 2956 / 05.10.2021.

技术特性的变化

请注意，自BRIFIC 2956 / 05.10.2021 I-S 部分中的通知公布以来，技术特性

	已经修改
X	未经修改

Изменения в технических характеристиках

Просьба учесть, что технические характеристики

	были изменены
X	не были изменены

после публикации заявки в Части I-S BRIFIC 2956 / 05.10.2021.

تغييرات في الخصائص التقنية

يرجى ملاحظة أن الخصائص التقنية

	خضعت للتعديل
X	لم تخضع للتعديل

منذ نشر معلومات بطاقة التبليغ في الجزء I-S من النشرة الإعلامية الدولية للترددات : 05.10.2021 / 2956BRIFIC

PARTIE II-S / PART II-S / PARTE II-S / 第II-S部分 / ЧАСТЬ II-S / II-S الجزء													
A	A1a Sat. Network	SKY-G1	A1f1 Notif. adm.	RRW	A1f3 Inter. sat. org.		BR1 Date of receipt	26.08.2021	BR20/BR21 BR IFIC no./part	2960/2			
BR6a/BR6b Id. no.		121500181	BR3a/BR3b Provision reference		11.2	N	BR2 Adm. serial no.						

Résumé / Summary / Resumen / 綜述 / Резюме / خلاصة

B1a Beam designation	B2 Emi-Rcp	BR8 Action code	BR7a Group id.	BR9 Action code	13A Conformity with RR	C3a Assigned freq. band	BR47 Frequency band (MHz)			BR62 Expiry date for bringing into use	BR15 Provision reference	BR53 Nb of freq.	C4a Class of station	BR54 Nb of emiss.	BR55 Nb of units
US2MSS	R		121692765		A-----	40000	1930	-	1970	16.06.2027		1	EI	5	5
USSOP	R		121692766		A-----	3000	2025.35	-	2107.25	16.06.2027		13	ED, EK, ET, EW	4	208
UVSOP	R		121692767		A-----	1900	148	-	149.9	16.06.2027		1	ED, EK, ET	1	3
DS2MSS	E		121692760		A-----	40000	2120	-	2160	16.06.2027		1	EI	1	1
DUSOP	E		121692762		A-----	1000	401	-	402	16.06.2027		1	EK, ER, ET	1	3

BR57 Category	N4
BR75 Total number of units in Part II-S	220
BR76 Total number of units in Part III-S (121512088)	270
BR77 Overall number of units in this filing	490

A	A1a Sat. Network	SKY-G1	A1f1 Notif. adm.	RRW	A1f3 Inter. sat. org.		BR1 Date of receipt	26.08.2021	BR20/BR21 BR IFIC no./part	2960/2
	BR6a/BR6b Id. no.	121500181	BR3a/BR3b Provision reference	11.2	N	BR2 Adm. serial no.		US2MSS	R	

BR19 Ref. to BR IFIC I A1f2 Submitted on behalf A1g Short Mission Duration Res 32 Y A24a SDM commitment Y A4b1 No. of orbital planes A4b2 Ref. body BR43 Orbital configuration 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	51	1	0-01:35	550e0 550e0	550e0	N						

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/(m²·1MHz)) in the band 1164 - 1215 MHz A17a.bis Calculated EPFD value in the band 1610.6 – 1613.8 MHz dB(W/(m²·20 kHz))A17b2 Calculated aggregate PFD value in the band 5030.0 - 5150.0 MHz dB(W/(m²·150 kHz))A17b3 EPFD in the band 4990.0 - 5000.0 MHz dB(W/(m²·10 MHz))A17d Mean PFD dB(W/(m²·1 MHz))A17e1a Calculated EPFD value in the band 42.5 - 43.5 GHz at RA SDT dB(W/(m²·1 GHz))A17e1b Calculated EPFD value in the band 42.5 - 43.5 GHz at RA SDT dB(W/(m²·500 kHz))A17e1c Calculated EPFD value in the band 42.5 - 43.5 GHz at RA VLBI dB(W/(m²·500 kHz))A15a EPFD compliance A18a Aircraft earth station commitment BR104 Commitment Res 770 X BR103 Demonstration Res 770

B1a/BR17 Beam designation	US2MSS	B1b Steerable	<input type="checkbox"/>	B2 Emi-Rcp	R	B3a1 Max. co-polar gain	12
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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.
REC-672-10DB					

List of orbital planes

ALL

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

A	A1a Sat. Network	SKY-G1	A1f1 Notif. adm.	RRW	A1f3 Inter. sat. org.		BR1 Date of receipt	26.08.2021	BR20/BR21 BR IFIC no./part	2960/2
	BR6a/BR6b Id. no.	121500181	BR3a/BR3b Provision reference	11.2	N	BR2 Adm. serial no.		US2MSS	R	

BR7a/BR7b Group id.	121692765	BR1 Date of receipt	26.08.2021	C2c RR No. 4.4		BR97 No. 11.43A		BR98 For use in accordance with Res 163/164			
A2a Date of bringing into use	30.06.2021	A2b Period of valid.	3	A3a Op. agency	004	A3b Adm. resp.	A	BR16 Value of type C8b		A4b7cbis Min. elevation angle	
BR62 Expiry date for bringing into use	16.06.2027	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49							

BR14 Special Section		C3a Assigned freq. band	40000	C5a Noise temperature	600	B4b5 Peak of pfd	
C4a Class of station	EI	C6a Polarization type	M	C6b Polarization angle			
C4b Nature of service	CP	C11a1 Service area no.		C11a2 Service area	XR2	C11a3 Service area diagram	

A5/A6 Coordinations/Agreements	
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C2a1 Assigned frequency									
1950	MHz								

A13 Ref. to Special Sections	C7a		C8a1/C8b1	C8a2/C8b2	C8c1	C8c2	C8c3	C8c4	C8e1	C8e2
	Design. of emission	Max. peak pwr	Max. pwr dens.	Min. peak pwr	Attch.	Min. pwr dens.	Attch.	C/N ratio	Attch.	
API/A/12597	1	180KG7W--	-7	-59.5	-7		-59.5		10	
	2	90K0G7W--	-7	-56.5	-7		-56.5		10	
	3	45K0G7W--	-7	-53.5	-7		-53.5		10	
	4	15K0G7W--	-7	-48.7	-7		-48.7		10	
	5	3K75G7W--	-7	-43	-7		-43		10	

C7b Carrier frequency of the emissions (180KG7W--)									
1969.91	MHz	1939.5	MHz	1959.5	MHz				

C7b Carrier frequency of the emissions (90K0G7W--)									
1969.91	MHz	1939.5	MHz	1959.5	MHz				

C7b Carrier frequency of the emissions (45K0G7W--)									
1969.91	MHz	1939.5	MHz	1959.5	MHz				

C7b Carrier frequency of the emissions (15K0G7W--)									
1969.91	MHz	1939.5	MHz	1959.5	MHz				

C7b Carrier frequency of the emissions (3K75G7W--)									
1969.91	MHz	1939.5	MHz	1959.5	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
US2MSS_ES	T			1 UA CP	12	45.4				

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.
US2MSS_ES	A-25*LOG(FI)	52					

Findings	2D Date of protection	26.08.2021	13A Conformity with RR	A- -- --	13B1 Prov.	5.28	13B2 Remarks	S	13B3 Date of Review	
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13C Remarks	
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B1a/BR17 Beam designation	USSOP	B1b Steerable		B2 Emi-Rcp	R	B3a1 Max. co-polar gain	12
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B2a1 Transmit only when visible from notified service area		B2a2 Min. Elev. Angle	
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A A1a Sat. Network SKY-G1 A1f1 Notif. adm. RRW A1f3 Inter. sat. org. BR1 Date of receipt 26.08.2021 BR20/BR21 BR IFIC no./part 2960/2
 BR6a/BR6b Id. no. 121500181 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no. USSOP R

B3c1 Co-polar antenna pattern

Co-polar ref. pattern	Coef. A	Coef. B	Co-polar rad. diag.
REC-672-10DB			

List of orbital planes

ALL

B4a3a1 Angle alpha B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id. 121692766 BR1 Date of receipt 26.08.2021 C2c RR No. 4.4 BR97 No. 11.43A BR98 For use in accordance with Res 163/164

A2a Date of bringing into use 30.06.2021 A2b Period of valid. 3 A3a Op. agency 004 A3b Adm. resp. A BR16 Value of type C8b A4b7cbis Min. elevation angle

BR62 Expiry date for bringing into use 16.06.2027 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49

BR14 Special Section

C4a Class of station ED EK ET EW C3a Assigned freq. band 3000 C5a Noise temperature 660 B4b5 Peak of pfd

C4b Nature of service OT OT OT OT C6a Polarization type M C6b Polarization angle

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

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency

2026.85	MHz	2031.2	MHz	2046.25	MHz	2063.25	MHz	2080.25	MHz	2090.45	MHz	2105.75	MHz
2029.25	MHz	2037.75	MHz	2054.75	MHz	2071.75	MHz	2088.75	MHz	2097.25	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/12597	1 3M00D1D--	6	-58.7	6		-58.7		6	
	2 1M28D1D--	3	-57	3		-57		6	
	3 500KF1DXN	13	-44	7		-50		26.2	
	4 250KF1DXN	10	-44	7		-47		26.2	

C7b Carrier frequency of the emissions (3M00D1D--)

2026.85	MHz	2090.45	MHz	2037.75	MHz	2054.75	MHz	2071.75	MHz	2088.75	MHz	2105.75	MHz
2031.2	MHz	2029.25	MHz	2046.25	MHz	2063.25	MHz	2080.25	MHz	2097.25	MHz		

C7b Carrier frequency of the emissions (1M28D1D--)

2026.85	MHz	2090.45	MHz	2037.75	MHz	2054.75	MHz	2071.75	MHz	2088.75	MHz	2105.75	MHz
2031.2	MHz	2029.25	MHz	2046.25	MHz	2063.25	MHz	2080.25	MHz	2097.25	MHz		

C7b Carrier frequency of the emissions (500KF1DXN)

2026.85	MHz	2090.45	MHz	2037.75	MHz	2054.75	MHz	2071.75	MHz	2088.75	MHz	2105.75	MHz
2031.2	MHz	2029.25	MHz	2046.25	MHz	2063.25	MHz	2080.25	MHz	2097.25	MHz		

C7b Carrier frequency of the emissions (250KF1DXN)

2026.85	MHz	2090.45	MHz	2037.75	MHz	2054.75	MHz	2071.75	MHz	2088.75	MHz	2105.75	MHz
2031.2	MHz	2029.25	MHz	2046.25	MHz	2063.25	MHz	2080.25	MHz	2097.25	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
USSOP_ES	T			1 TD 2 TK OT	33.8	3				

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

A	A1a Sat. Network	SKY-G1	A1f1 Notif. adm.	RRW	A1f3 Inter. sat. org.		BR1 Date of receipt	26.08.2021	BR20/BR21 BR IFIC no./part	2960/2
	BR6a/BR6b Id. no.	121500181	BR3a/BR3b Provision reference	11.2	N	BR2 Adm. serial no.		USSOP	R	

3	TT	OT								
4	TW	OT								

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.
USSOP_ES	REC-465-5						

Findings	2D Date of protection	26.08.2021	13A Conformity with RR	A- -- --	13B1 Prov.		13B2 Remarks		13B3 Date of Review	
13C Remarks										

B1a/BR17 Beam designation	UVSOP	B1b Steerable		B2 Emi-Rcp	R	B3a1 Max. co-polar gain	1
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
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B4a3a1 Angle alpha B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id.	121692767	BR1 Date of receipt	26.08.2021	C2c RR No. 4.4		BR97 No. 11.43A		BR98 For use in accordance with Res 163/164	
A2a Date of bringing into use	30.06.2021	A2b Period of valid.	3	A3a Op. agency	004	A3b Adm. resp.	A	BR16 Value of type C8b	
BR62 Expiry date for bringing into use	16.06.2027	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49					

BR14 Special Section		C3a Assigned freq. band	1900	C5a Noise temperature	450	B4b5 Peak of pfd	
C4a Class of station	ED EK ET	C6a Polarization type	M	C6b Polarization angle			
C4b Nature of service	OT OT OT						
C11a1 Service area no.		C11a2 Service area	XAA	C11a3 Service area diagram			

A5/A6 Coordinations/Agreements	
C2a1 Assigned frequency	
148.95	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/12597	1 25K0D1D--	12.4	-31	12.4		-31		6	

C7b Carrier frequency of the emissions (25K0D1D--)	
148.95	MHz

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cfs. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwth	C10d7 Ant. diameter	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
UVSOP_ES	T			1 TD 2 TK 3 TT	14	36				



A A1a Sat. Network SKY-G1 A1f1 Notif. adm. RRW A1f3 Inter. sat. org. BR1 Date of receipt 26.08.2021 BR20/BR21 BR IFIC no./part 2960/2
 BR6a/BR6b Id. no. 121500181 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no. UVSOP R

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.
UVSOP_ES	REC-465-5						

Findings 2D Date of protection 26.08.2021 13A Conformity with RR A- -- -- 13B1 Prov. 5.218A 13B2 Remarks R 13B3 Date of Review
 13C Remarks

B1a/BR17 Beam designation DS2MSS	B1b Steerable	B2 Emi-Rcp E	B3a1 Max. co-polar gain 12
B2a1 Transmit only when visible from notified service area Y	B2a2 Min. Elev. Angle 0	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.
REC-672-10DB			

List of orbital planes
 ALL

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

BR7a/BR7b Group id. 121692760 BR1 Date of receipt 26.08.2021 C2c RR No. 4.4 BR97 No. 11.43A BR98 For use in accordance with Res 163/164
 A2a Date of bringing into use 30.06.2021 A2b Period of valid. 3 A3a Op. agency 004 A3b Adm. resp. A BR16 Value of type C8b A4b7cbis Min. elevation angle
 BR62 Expiry date for bringing into use 16.06.2027 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49
 BR14 Special Section
 C4a Class of station EI C3a Assigned freq. band 40000 B4b5 Peak of pfd
 C4b Nature of service CP C6a Polarization type M C6b Polarization angle
 C8d1 Max. tot. peak pwr. 6 C8d2 Contiguous bandwidth 200
 C11a1 Service area no. C11a2 Service area XR2 C11a3 Service area diagram

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency
 2140 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/12597	1 200KG7W--	6	-46.5	6		-46.5		12	

C7b Carrier frequency of the emissions (200KG7W--)
 2140 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
DS2MSS_ES	T			1 UA CP	12	45.4	300	

PARTIE II-S / PART II-S / PARTE II-S / 第II-S部分 / ٢٠٢٢ II-S / II-S الجزء

A A1a Sat. Network SKY-G1 A1f1 Notif. adm. RRW A1f3 Inter. sat. org. BR1 Date of receipt 26.08.2021 BR20/BR21 BR IFIC no./part 2960/2

BR6a/BR6b Id. no. 121500181 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no. DS2MSS 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.
DS2MSS_ES	A-25*LOG(FI)	52					

Findings 2D Date of protection 26.08.2021 13A Conformity with RR A- -- -- 13B1 Prov. 5.28 13B2 Remarks S 13B3 Date of Review

13C Remarks

B1a/BR17 Beam designation DUSOP B1b Steerable B2 Emi-Rcp E B3a1 Max. co-polar gain 3

B2a1 Transmit only when visible from notified service area Y B2a2 Min. Elev. Angle 0

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. 121692762 BR1 Date of receipt 26.08.2021 C2c RR No. 4.4 BR97 No. 11.43A BR98 For use in accordance with Res 163/164

A2a Date of bringing into use 30.06.2021 A2b Period of valid. 3 A3a Op. agency 004 A3b Adm. resp. A BR16 Value of type C8b A4b7cbis Min. elevation angle

BR62 Expiry date for bringing into use 16.06.2027 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49

BR14 Special Section

C4a Class of station EK ER ET C3a Assigned freq. band 1000 B4b5 Peak of pfd

C4b Nature of service OT OT OT C6a Polarization type M C6b Polarization angle

C8d1 Max. tot. peak pwr. -0.5 C8d2 Contiguous bandwidth

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

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency

401.5 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/12597	1 25K0D1D--	-0.5	-44.9	-0.5		-44.9		12	

C7b Carrier frequency of the emissions (25K0D1D--)

401.5 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
DUSOP_ES	T			1 TK OT 2 TR OT 3 TT OT	15	32	290	



PARTIE II-S / PART II-S / PARTE II-S / 第II-S部分 / ЧАСТЬ II-S / الجزء II-S										
A	A1a Sat. Network	SKY-G1	A1f1 Notif. adm.	RRW	A1f3 Inter. sat. org.		BR1 Date of receipt	26.08.2021	BR20/BR21 BR IFIC no./part	2960/2
	BR6a/BR6b Id. no.	121500181	BR3a/BR3b Provision reference	11.2	N	BR2 Adm. serial no.		DUSOP	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.			
DUSOP_ES	REC-465-5									
Findings	2D Date of protection	26.08.2021	13A Conformity with RR	A- -- --	13B1 Prov.		13B2 Remarks		13B3 Date of Review	
13C Remarks										