



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	I-S
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA	---	BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	2956 / 05.10.2021
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

Notifications reçues au titre de		Notifications received under		Notificaciones recibidas en virtud de lo dispuesto en	
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	I-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	2956 / 05.10.2021
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	121500181
通信局收到资料的日期 / ДАТА ПОЛУЧЕНИЯ ИНФОРМАЦИИ БЮРО / معلومات استلمها المكتب في			26.08.2021

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

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 I-S / PART I-S / PARTE I-S / 第I-S部分 / ЧАСТЬ I-S / الجزء I-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	2956/1
	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)

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.
US2MSS	R		121692765		40000	1930 - 1970	1	EI	5
USSOP	R		121692766		3000	2025.35 - 2107.25	13	ED, EK, ET, EW	4
UVSOP	R		121692767		1900	148 - 149.9	1	ED, EK, ET	1
DS2MSS	E		121692760		40000	2120 - 2160	1	EI	1
DSSOP	E		121692761		6400	2201.3 - 2288.7	11	EK, ER, ET, EW	6
DUSOP	E		121692762		1000	401 - 402	1	EK, ER, ET	1
DVSOP	E		121692763		175	137.825 - 138	1	EK, ER, ET	1
			121692764		150	137.025 - 137.175	1	EK, ER, ET	1

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	2956/1
	BR6a/BR6b Id. no.	121500181	BR3a/BR3b Provision reference	11.2	N	BR2 Adm. serial no.		US2MSS	R	

A1f2 Submitted on behalf

A1g Short Mission Duration Res 32 Y A24a SDM commitment YA4b1 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	N						
				550e0								

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="text"/>	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 2956/1
 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

C4a Class of station EI C3a Assigned freq. band 40000 C5a Noise temperature 600 B4b5 Peak of pfd

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

C11a1 Service area no. C11a2 Service area XR2 C11a3 Service area diagram

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency

1950 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 180K0G7W--	-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 (180K0G7W--)

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					

13C Remarks

B1a/BR17 Beam designation USSOP B1b Steerable B2 Emi-Rcp R B3a1 Max. co-polar gain 12

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

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 2956/1
 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 I-S / PART I-S / PARTE I-S / 第I-S部分 / ЧАСТЬ I-S / الجزء I-S

A 1A1 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 2956/1

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						

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 Bmwidth	C10d6 Noise temp.	C10d7 Ant. diameter
DS2MSS_ES	T			1 UA CP	12	45.4	300	

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					



A 1a 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 2956/1
 BR6a/BR6b Id. no. 121500181 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no. DS2MSS E

13C Remarks

B1a/BR17 Beam designation DSSOP 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. 121692761 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 EW C3a Assigned freq. band 6400 B4b5 Peak of pfd

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

C8d1 Max. tot. peak pwr. 2.8 C8d2 Contiguous bandwidth

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

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency

2204.5	MHz	2222.5	MHz	2240.5	MHz	2249.5	MHz	2267.5	MHz	2285.5	MHz		
2213.5	MHz	2231.5	MHz	2245	MHz	2258.5	MHz	2276.5	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 6M40D1D--	2	-61	2		-61		5.5	
	2 3M20D1D--	2	-59	1.5		-59.5		6	
	3 5M00G1D--	2.8	-64.2	-6.2		-73.2		13	
	4 4M00G1D--	1.8	-64.2	-7.2		-73.2		13	
	5 3M10G1D--	0.7	-64.2	-8.3		-73.2		13	
	6 2M10G1D--	-1	-64.2	-10		-73.2		13	

C7b Carrier frequency of the emissions (6M40D1D--)

2245	MHz	2213.5	MHz	2231.5	MHz	2249.5	MHz	2267.5	MHz	2285.5	MHz		
2204.5	MHz	2222.5	MHz	2240.5	MHz	2258.5	MHz	2276.5	MHz				

C7b Carrier frequency of the emissions (3M20D1D--)

2245	MHz	2213.5	MHz	2231.5	MHz	2249.5	MHz	2267.5	MHz	2285.5	MHz		
2204.5	MHz	2222.5	MHz	2240.5	MHz	2258.5	MHz	2276.5	MHz				

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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 2956/1

BR6a/BR6b Id. no. 121500181 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no. DSSOP E

C7b Carrier frequency of the emissions (5M00G1D--)															
2245	MHz	2213.5	MHz	2231.5	MHz	2249.5	MHz	2267.5	MHz	2285.5	MHz				
2204.5	MHz	2222.5	MHz	2240.5	MHz	2258.5	MHz	2276.5	MHz						

C7b Carrier frequency of the emissions (4M00G1D--)															
2245	MHz	2213.5	MHz	2231.5	MHz	2249.5	MHz	2267.5	MHz	2285.5	MHz				
2204.5	MHz	2222.5	MHz	2240.5	MHz	2258.5	MHz	2276.5	MHz						

C7b Carrier frequency of the emissions (3M10G1D--)															
2245	MHz	2213.5	MHz	2231.5	MHz	2249.5	MHz	2267.5	MHz	2285.5	MHz				
2204.5	MHz	2222.5	MHz	2240.5	MHz	2258.5	MHz	2276.5	MHz						

C7b Carrier frequency of the emissions (2M10G1D--)															
2245	MHz	2213.5	MHz	2231.5	MHz	2249.5	MHz	2267.5	MHz	2285.5	MHz				
2204.5	MHz	2222.5	MHz	2240.5	MHz	2258.5	MHz	2276.5	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	
DSSOP_ES	T				1 TR	OT	33.8	3	290		
					2 TT	OT					
					3 TK	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.
DSSOP_ES	REC-465-5						

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



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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 2956/1

BR6a/BR6b Id. no. 121500181 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no. DUSOP E

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 Bmwidth	C10d6 Noise temp.	C10d7 Ant. diameter
DUSOP_ES	T			1 TK 2 TR 3 TT	15	32	290	

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						

13C Remarks

B1a/BR17 Beam designation DVSOP B1b Steerable B2 Emi-Rcp E B3a1 Max. co-polar gain 1

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. 121692763 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 175 B4b5 Peak of pfd

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

C8d1 Max. tot. peak pwr. 0 C8d2 Contiguous bandwidth



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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 2956/1
 BR6a/BR6b Id. no. 121500181 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no. DVSOP E

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

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency
 137.9125 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	-44	0		-44		12	

C7b Carrier frequency of the emissions (25K0D1D--)
 137.9 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
DVSOP_ES	T			1 TK OT 2 TR OT 3 TT OT	14	36	400	

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.
DVSOP_ES	REC-465-5						

13C Remarks

BR7a/BR7b Group id. 121692764 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 150 B4b5 Peak of pfd

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

C8d1 Max. tot. peak pwr. 0 C8d2 Contiguous bandwidth C11a1 Service area no. C11a2 Service area XAA C11a3 Service area diagram

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency
 137.1 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 25K0G7W--	0	-44	0		-44		12	

C7b Carrier frequency of the emissions (25K0G7W--)
 137.1 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
DVSOP_ES	T			1 TK OT 2 TR OT	14	36	400	



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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	2956/1
	BR6a/BR6b Id. no.	121500181	BR3a/BR3b Provision reference	11.2	N	BR2 Adm. serial no.		DVSOP	E	

					3	TT	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.			
DVSOP_ES	REC-465-5									
13C Remarks										

