

E_TSUM Requested by: DAVEM		Date: 27.03.2026 14:34:46		DB: PROTOSTAR_RevE.mdb		Plan Id.:		Notice type: NONGEO		
A	A1a Sat. Network PROTOSTAR		A1f1 Notif. adm. USA		A1f3 Inter. sat. org.		BR1 Date of receipt 13.01.2026		BR20 BR IFIC no.	
BR6a/BR6b Id. no.		1		BR3a Provision reference 9.1/IA		BR2 Adm. serial no.				

Résumé / Summary / Resumen / 綜述 / Резюме / خلاصة

Article 9, sous-section IA / Article 9, sub-section IA / Artículo 9, sub-sección IA
第9条第1A分节 / Статья 9, подраздел IA / المادة 9، القسم الفرعي IA

B1a Beam designation	B2 Emi-Rcp	BR8 Action code	BR7a Group id.	C2c RR No. 4.4	BR9 Action code	BR47 Frequency band (MHz)	BR62 Expiry date for bringing into use	C4a Class of station
SRX	R		3			2025 - 2110		ED, EH, EK
SRX2	R		4			2025 - 2110		ED, EH, EK
UTX	E		2			400.15 - 401		ET
XTX	E		1	Y		8025 - 8400		ET

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BR6a/BR6b Id. no. 1			BR3a Provision reference 9.1/IA			BR2 Adm. serial no.			SRX	R

A1f2 Submitted on behalf

A1g Short Mission Duration Res 32 N

A4b2 No. of orbital planes 1 A4b1 Ref. body T BR99 Total number of satellites 1

A4b3a Constellation N A4b3b Configuration type A4b3c Number of sub-sets mutually exclusive

A4b3e1 No. of space stations simult. trans. on Northern Hemisphere A4b3e2 No. of space stations simult. trans. on Southern Hemisphere

Action code	Orbital plane id. no.	A4b3d Orbit set id.	A4b4a Inclination angle	A4b4b No. of satellites in this plane	A4b4c Period	A4b4d Apogee	A4b4e Perigee	A4b4f Min. altitude	A4b4i Arg. of perigee	A4b4j Long. asc. node	A4b4m,n,o Sun synchronous		
											Y/N	Reference node	Node local time
	1		97.8	1	0-01:36	510	510	510	0		Y	A	10:30:00

Les renseignements figurant dans le tableau «PHASE» (éléments A.4.b.4.j, A.4.b.4.h et A.4.b.4.l de l'Appendice 4) ne sont pas inclus dans le présent fichier et peuvent être consultés directement dans la base de données mdb, si besoin est.	Information from the "PHASE" table (A.4.b.4.j, A.4.b.4.h and A.4.b.4.l of Appendix 4) is not included in this file and may be consulted directly from the mdb database if needed.	En este archivo no se incluye información del Cuadro «FASE» (A.4.b.4.j, A.4.b.4.h y A.4.b.4.l del Apéndice 4) que, en caso necesario, puede consultarse directamente en la base de datos mdb.
本文件不包括“相位”表(附录4的A.4.b.4.j、A.4.b.4.h和A.4.b.4.l)中的信息,如有需要,可直接从mdb数据库中查询。	Информация из таблицы "ФАЗА" (A.4.b.4.j, A.4.b.4.h и A.4.b.4.l Приложения 4) в этот файл не включена и при необходимости может быть получена непосредственно из базы данных mdb.	معلومات جدول "الطور" (البند A.4.ب.4.ي و A.4.ب.4.ح و A.4.ب.4.ل من التذييل 4) غير مدرجة في هذا الملف ويمكن الحصول عليها مباشرة من قاعدة البيانات mdb إذا لزم الأمر.

A27a RES679-1 commitment - that the equivalent power flux-density shall not exceed the limits given in Article 22, Tables 22-1B, 22-1C and 22-2 N

A27b RES679-2 commitment - to follow the procedures in further resolves 3 of Resolution 679 (WRC-23) upon receiving a report of unacceptable interference N

B1a/BR17 Beam designation	SRX	B1b Steerable	B2 Emi-Rcp	R	B3a1 Max. co-polar gain	5.5
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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.

List of orbital planes
1

B4a3a1 Angle alpha B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id.	3	BR1 Date of receipt	13.01.2026	C2c RR No. 4.4
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BR14 Special Section

C4a Class of station EH ED EK C3a Assigned freq. band C5a Noise temperature 490

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

C11a2 Service area C11a1 Service area no. 1

A2b Period of valid. 10 A3a Op. agency 642 A3b Adm. resp. A BR16 Value of type C8b

BR96 Start date for 9.1/9.1A

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BR6a/BR6b Id. no.		1	BR3a Provision reference		9.1/IA		BR2 Adm. serial no.		SRX R

BR62 Expiry date for bringing into use 11.44/11.44.1

C1 Frequency Range			
C1a Lower limit		C1b Upper limit	
2025	MHz	2110	MHz

C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attech.	C8c3 Min. pwr dens.	C8c4 Attech.	C8e1 C/N ratio	C8e2 Attech.	C8f2 E.i.r.p. on the beam axis
1 300KG1D--	20	-35.8	0		-55.8		12		

C7b Carrier frequency of the emissions (300KG1D--)									
2055	MHz								

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.			C10d3 Max. iso. gain	C10d4 Bmwdth						
S-BAND_UPLINK	T				1	TH	OT	39	1.9						
DEADHORSE	S	148W27 36	70N12 04	ALS	2	TD	OT								
					3	TK	OT								
PUNTA ARENAS	S	070W50 50	53S02 28	CHL	1	TH	OT	39	1.9						
					2	TD	OT								
					3	TK	OT								
SANTA MARIA	S	025W08 14	36N59 51	AZR	1	TH	OT	37.7	1.9						
					2	TD	OT								
					3	TK	OT								
BLONDUOS	S	020W14 18	65N38 54	ISL	1	TH	OT	35	2.76						
					2	TD	OT								
					3	TK	OT								
TROMSO	S	018E56 24	69N39 47	NOR	1	TH	OT	34	2.71						
					2	TD	OT								
					3	TK	OT								
PRETORIA	S	028E27 11	25S51 40	AFS	1	TH	OT	39	1.9						
					2	TD	OT								
					3	TK	OT								
AWARUA	S	168E22 45	46S31 41	NZL	1	TH	OT	35	2.76						
					2	TD	OT								
					3	TK	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.
S-BAND_UPLINK	REC-465-5						
DEADHORSE	REC-465-5						
PUNTA ARENAS	REC-465-5						
SANTA MARIA	REC-465-5						
BLONDUOS	REC-465-5						
TROMSO	REC-465-5						
PRETORIA	REC-465-5						
AWARUA	REC-465-5						

13C Remarks

E_TSUM Requested by: DAVEM		Date: 27.03.2026 14:34:46		DB: PROTOSTAR_RevE.mdb		Plan Id.:		Notice type: NONGEO		
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BR6a/BR6b Id. no. 1			BR3a Provision reference 9.1/IA			BR2 Adm. serial no.			SRX2 R	

B1a/BR17 Beam designation SRX2		B1b Steerable		B2 Emi-Rcp R		B3a1 Max. co-polar gain 5.5	
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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.

List of orbital planes
1

B4a3a1 Angle alpha ☐ B4a3a2 Angle beta ☐

BR92 Attach. for missing angle alpha/beta ☐

BR7a/BR7b Group id.	4	BR1 Date of receipt	13.01.2026	C2c RR No. 4.4	☐
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BR14 Special Section ☐

C4a Class of station	EH	ED	EK	C3a Assigned freq. band	☐	C5a Noise temperature	460
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C4b Nature of service	OT	OT	OT	C6a Polarization type	M	C6b Polarization angle	☐
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C11a2 Service area	☐	C11a1 Service area no.	1
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A2b Period of valid. 10 A3a Op. agency 642 A3b Adm. resp. A BR16 Value of type C8b ☐

BR96 Start date for 9.1/9.1A ☐

BR62 Expiry date for bringing into use 11.44/11.44.1 ☐

C1 Frequency Range			
C1a Lower limit	C1b Upper limit		
2025	MHz	2110	MHz

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.	C8f2 E.i.r.p. on the beam axis
1 5M00G1D--	20	-48	0		-68		12		

C7b Carrier frequency of the emissions (5M00G1D--)															
2047.5	MHz														

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.			C10d3 Max. iso. gain	C10d4 Bmwdth						
S-BAND_UPLINK	T				1	TH	OT	39	1.9						
DEADHORSE	S	148W27 36	70N12 04	ALS	2	TD	OT								
					3	TK	OT								
PUNTA ARENAS	S	070W50 50	53S02 28	CHL	1	TH	OT	39	1.9						
					2	TD	OT								
					3	TK	OT								
SANTA MARIA	S	025W08 14	36N59 51	AZR	1	TH	OT	37.7	1.9						
					2	TD	OT								
					3	TK	OT								
BLONDUOS	S	020W14 18	65N38 54	ISL	1	TH	OT	35	2.76						
					2	TD	OT								
					3	TK	OT								

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BR6a/BR6b Id. no.		1	BR3a Provision reference		9.1/IA		BR2 Adm. serial no.		SRX2 R

TROMSO	S	018E56 24	69N39 47	NOR	2	TD	OT	34	2.71					
					3	TK	OT							
					1	TH	OT							
PRETORIA	S	028E27 11	25S51 40	AFS	2	TD	OT	39	1.9					
					3	TK	OT							
					1	TH	OT							
AWARUA	S	168E22 45	46S31 41	NZL	2	TD	OT	35	2.76					
					3	TK	OT							
					1	TH	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.
S-BAND UPLINK	REC-465-5						
DEADHORSE	REC-465-5						
PUNTA ARENAS	REC-465-5						
SANTA MARIA	REC-465-5						
BLONDUOS	REC-465-5						
TROMSO	REC-465-5						
PRETORIA	REC-465-5						
AWARUA	REC-465-5						

13C Remarks

B1a/BR17 Beam designation	UTX	B1b Steerable		B2 Emi-Rcp	E	B3a1 Max. co-polar gain	2.5
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B2a1 Transmit only when visible from notified service area

Y

B2a2 Min. Elev. Angle

5

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

List of orbital planes

1

B4a3a1 Angle alpha

B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id.	2	BR1 Date of receipt	13.01.2026	C2c RR No. 4.4	
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BR14 Special Section

C4a Class of station

ET

C3a Assigned freq. band

C4b Nature of service

OT

C6a Polarization type

L

C6b Polarization angle

0

C8d1 Max. tot. peak pwr.

C8d2 Contiguous bandwidth

C11a2 Service area

C11a1 Service area no.

1

A2b Period of valid.

10

A3a Op. agency

642

A3b Adm. resp.

A

BR16 Value of type C8b

BR96 Start date for 9.1/9.1A

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A	A1a Sat. Network		PROTOSTAR	A1f1 Notif. adm.		USA	A1f3 Inter. sat. org.		
BR6a/BR6b Id. no.			1	BR3a Provision reference			9.1/IA	BR2 Adm. serial no.	
								UTX E	

BR62 Expiry date for bringing into use 11.44/11.44.1

C1 Frequency Range	
C1a Lower limit	C1b Upper limit
400.15 MHz	401 MHz

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.	C8f1 E.i.r.p. on the beam axis
1 60K0F1D--	6	-41.8	-4		-51.8		10		

C7b Carrier frequency of the emissions (60K0F1D--)									
400.5	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.		
UHF_DOWNLINK	T				1	TT	OT	16.2	30	490		
DEADHORSE	S	148W27 36	70N12 04	ALS	1	TT	OT	16.2	30	490		
FAIRBANKS	S	147W42 18	64N54 29	ALS	1	TT	OT	16.2	30	490		
SANTA MARIA	S	025W08 14	36N59 51	AZR	1	TT	OT	15.4	20	290		
TROMSO	S	018E56 24	69N39 47	NOR	1	TT	OT	18	20	500		
PRETORIA	S	028E27 11	25S51 40	AFS	1	TT	OT	16.2	30	485		

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.
UHF_DOWNLINK							1
DEADHORSE							1
FAIRBANKS							1
SANTA MARIA							3
TROMSO							2
PRETORIA							1

13C Remarks

B1a/BR17 Beam designation	XTX	B1b Steerable		B2 Emi-Rcp	E	B3a1 Max. co-polar gain	7.2
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B2a1 Transmit only when visible from notified service area Y B2a2 Min. Elev. Angle 5

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

List of orbital planes
1

B4a3a1 Angle alpha B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id.	1	BR1 Date of receipt	13.01.2026	C2c RR No. 4.4	Y
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BR14 Special Section

C4a Class of station ET C3a Assigned freq. band

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

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BR6a/BR6b Id. no.		1	BR3a Provision reference		9.1/IA		BR2 Adm. serial no.		XTX E

C8d1 Max. tot. peak pwr.		C8d2 Contiguous bandwidth	
C11a2 Service area			C11a1 Service area no.
A2b Period of valid.	10	A3a Op. agency	642
		A3b Adm. resp.	A
BR96 Start date for 9.1/9.1A			
BR62 Expiry date for bringing into use	11.44/11.44.1		

C1 Frequency Range			
C1a Lower limit		C1b Upper limit	
8025	MHz	8400	MHz

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.	C8f1 E.i.r.p. on the beam axis
1 50M0G1D--	2	-75	-8		-85		15		

C7b Carrier frequency of the emissions (50M0G1D--)											
8300	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.		
X-BAND_DOWNLINK	T				1	TT OT	51.1	0.5	131		
PUNTA_ARENAS-	S	070W50 50	53S02 28	CHL	1	TT OT	51.1	0.5	131		
BLONDÜOS	S	020W14 18	65N38 54	ISL	1	TT OT	47	0.6	128		
AWARUA	S	168E22 45	46S31 41	NZL	1	TT OT	47.9	0.7	122		

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.
X-BAND_DOWNLINK	REC-465-5						
PUNTA_ARENAS-	REC-465-5						
BLONDÜOS	REC-465-5						
AWARUA	REC-465-5						

13C Remarks	
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BR22 Administration remarks	
BR23 Radiocommunication Bureau comments	