

E_TSUM Requested by: DAVEM		Date: 13.07.2026 07:00:10		DB: TITAN_API_v10 - RevG.mdb		Plan Id.:		Notice type: NONGEO		
A	A1a Sat. Network TITAN		A1f1 Notif. adm. USA		A1f3 Inter. sat. org.		BR1 Date of receipt 17.03.2024		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
IRDRX	R		9	Y		1618.725 - 1626.5		ES
SRX	R		4			2025 - 2110		ED, EK, EW
IRDTX	E		8	Y		1618.725 - 1626.5		ES
STX	E		5			2200 - 2290		EK, ER, EW
XTX	E		3			8025 - 8400		EK, ER, EW

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

A1f2 Submitted on behalf

A1g Short Mission Duration Res 32

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

A4b3a Constellation 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		88	1	0-01:35	500	500	350			N		

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

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

B1a/BR17 Beam designation	IRDRX	B1b Steerable		B2 Emi-Rcp	☒	B3a1 Max. co-polar gain	4.5
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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.	9	BR1 Date of receipt	17.07.2026	C2c RR No. 4.4	☒
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BR14 Special Section

C4a Class of station C3a Assigned freq. band C5a Noise temperature

C4b Nature of service C6a Polarization type C6b Polarization angle

C11a2 Service area C11a1 Service area no.

A2b Period of valid. A3a Op. agency A3b Adm. resp. 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.			IRDRX R	

BR62 Expiry date for bringing into use 11.44/11.44.1

C1 Frequency Range			
C1a Lower limit		C1b Upper limit	
1618.725	MHz	1626.5	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 41K7Q7W--	3.4	-40.6	-8.6		-52.6		9.1		27.7

C7b Carrier frequency of the emissions (41K7Q7W--)											
1622.6125	MHz										

C10a1 Assoc. space station id.	C10a3 Type	C10a2 Nominal longitude	C10a4 Beam designation
HIBLEO-2	N		BEAM 001
HIBLEO-2	N		BEAM 008
HIBLEO-2	N		BEAM 013
HIBLEO-2	N		BEAM 016

13C Remarks

B1a/BR17 Beam designation	SRX	B1b Steerable	Y	B2 Emi-Rcp	R	B3a1 Max. co-polar gain	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	17.07.2026	C2c RR No. 4.4	
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BR14 Special Section

C4a Class of station EW ED EK C3a Assigned freq. band C5a Noise temperature 469

C4b Nature of service CR CR CR C6a Polarization type CR C6b Polarization angle

C11a2 Service area C11a1 Service area no. 1

A2b Period of valid. 10 A3a Op. agency 808 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

E_TSUM Requested by: DAVEM		Date: 13.07.2026 07:00:10		DB: TITAN_API_v10 - RevG.mdb		Plan Id.:		Notice type: NONGEO		
A	A1a Sat. Network TITAN		A1f1 Notif. adm. USA		A1f3 Inter. sat. org.		BR1 Date of receipt 17.03.2024		BR20 BR IFIC no.	
BR6a/BR6b Id. no. 1			BR3a Provision reference 9.1/IA			BR2 Adm. serial no.			SRX	R

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 2M00G1D--	16	-47	-4		-67		12		
2 250KG1D--	16	-38	-4		-58		12		

C7b Carrier frequency of the emissions (2M00G1D--)															
2080	MHz														

C7b Carrier frequency of the emissions (250KG1D--)															
2030	MHz														

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwdth							
SRX TYPICAL	T				1	TW CR	39	1.65							
					2	TD CR									
					3	TK CR									
DEADHORSE	S	148W26 15	70N12 43	ALS	1	TW CR	39	1.65							
					2	TD CR									
					3	TK CR									
PUNTA ARENAS	S	070W50 59	52S56 28	CHL	1	TW CR	39	1.65							
					2	TD CR									
					3	TK CR									
BODEN	S	021E25 30	65N20 14	S	1	TW CR	39	1.65							
					2	TD CR									
					3	TK CR									
PRETORIA	S	028E27 12	25S51 39	AFS	1	TW CR	39	1.65							
					2	TD CR									
					3	TK CR									

C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
SRX TYPICAL	ND-EARTH						
DEADHORSE	ND-EARTH						
PUNTA ARENAS	ND-EARTH						
BODEN	ND-EARTH						
PRETORIA	ND-EARTH						

13C Remarks	
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B1a/BR17 Beam designation	IRDTX	B1b Steerable		B2 Emi-Rcp	E	B3a1 Max. co-polar gain	4.5
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B2a1 Transmit only when visible from notified service area		B2a2 Min. Elev. Angle	
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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	
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BR92 Attach. for missing angle alpha/beta	
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E_TSUM Requested by: DAVEM		Date: 13.07.2026 07:00:10		DB: TITAN_API_v10 - RevG.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.			IRDTX E

BR7a/BR7b Group id.	8	BR1 Date of receipt	17.07.2026	C2c RR No. 4.4	Y
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BR14 Special Section			
C4a Class of station	ES	C3a Assigned freq. band	
C4b Nature of service	CV	C6a Polarization type	CR
C8d1 Max. tot. peak pwr.		C6b Polarization angle	
C8d2 Contiguous bandwidth			
C11a2 Service area			
C11a1 Service area no.			
A2b Period of valid.	10	A3a Op. agency	808
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	
1618.725	MHz	1626.5	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 41K7Q7W--	1	-41.8	-9.8		-53.8		9.1		5.5

C7b Carrier frequency of the emissions (41K7Q7W--)															
1622.6125	MHz														

C10a1 Assoc. space station id.	C10a3 Type	C10a2 Nominal longitude	C10a4 Beam designation
HIBLEO-2	N		BEAM 001
HIBLEO-2	N		BEAM 008
HIBLEO-2	N		BEAM 013
HIBLEO-2	N		BEAM 016

13C Remarks	
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B1a/BR17 Beam designation	STX	B1b Steerable	Y	B2 Emi-Rcp	E	B3a1 Max. co-polar gain	5
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B2a1 Transmit only when visible from notified service area	Y	B2a2 Min. Elev. Angle	5
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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	
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BR92 Attach. for missing angle alpha/beta	
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BR7a/BR7b Group id.	5	BR1 Date of receipt	17.07.2026	C2c RR No. 4.4	
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BR14 Special Section	
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BR6a/BR6b Id. no.		1	BR3a Provision reference		9.1/IA		BR2 Adm. serial no.		STX E

C4a Class of station	EW ER EK	C3a Assigned freq. band		C6b Polarization angle	
C4b Nature of service	CR CR CR	C6a Polarization type	CR		
C8d1 Max. tot. peak pwr.		C8d2 Contiguous bandwidth			
C11a2 Service area					C11a1 Service area no.
A2b Period of valid.	10	A3a Op. agency	808	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	
2200	MHz	2290	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 2M00G1D--	3	-60	-12		-75		12		
2 250KG1D--	3	-51	-12		-66		12		

C7b Carrier frequency of the emissions (2M00G1D--)											
2250	MHz										

C7b Carrier frequency of the emissions (250KG1D--)											
2230	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.		
STX TYPICAL	T				1 TW CR		40	1.5	214		
PUNTA ARENAS	S	070W50 59	52S56 28	CHL	2 TR CR		40	1.5	214		
BODEN	S	021E25 30	65N20 14	S	3 TK CR		40	1.5	214		
PRETORIA	S	028E27 12	25S51 39	AFS	1 TW CR		40	1.5	214		
					2 TR CR						
					3 TK CR						

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.
STX TYPICAL	ND-EARTH						
PUNTA ARENAS	ND-EARTH						
BODEN	ND-EARTH						
PRETORIA	ND-EARTH						

13C Remarks	
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B1a/BR17 Beam designation	XTX	B1b Steerable	Y	B2 Emi-Rcp	E	B3a1 Max. co-polar gain	25.6	
B2a1 Transmit only when visible from notified service area	Y	B2a2 Min. Elev. Angle	5					

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

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 17.07.2026 C2c RR No. 4.4

BR14 Special Section

C4a Class of station

EW	ER	EK
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 C3a Assigned freq. band

C4b Nature of service

CR	CR	CR
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 C6a Polarization type CR C6b Polarization angle

C8d1 Max. tot. peak pwr. C8d2 Contiguous bandwidth

C11a2 Service area C11a1 Service area no. 1

A2b Period of valid. 10 A3a Op. agency 808 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
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 170MG1D--	3	-77.9	-6		-86.9		20		

C7b Carrier frequency of the emissions (170MG1D--)									
8125	MHz	8125	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.		
XTX TYPICAL	T				1 TW	CR	51	0.5	140		
DEADHORSE	S	148W26 15	70N12 43	ALS	2 TR	CR					
					3 TK	CR					
PUNTA ARENAS	S	070W50 59	52S56 28	CHL	1 TW	CR	51	0.5	140		
					2 TR	CR					
					3 TK	CR					
BODEN	S	021E25 30	65N20 14	S	1 TW	CR	51	0.5	140		
					2 TR	CR					
					3 TK	CR					
PRETORIA	S	028E27 12	25S51 39	AFS	1 TW	CR	51	0.5	140		
					2 TR	CR					
					3 TK	CR					

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BR6a/BR6b Id. no.		1		BR3a Provision reference 9.1/IA		BR2 Adm. serial no.		XTX		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.
XTX TYPICAL	ND-EARTH						
DEADHORSE	ND-EARTH						
PUNTA ARENAS	ND-EARTH						
BODEN	ND-EARTH						
PRETORIA	ND-EARTH						

13C Remarks	
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BR22 Administration remarks	
BR23 Radiocommunication Bureau comments	