

E TSUM Requested by: JENNM		Date: 01.08.2024	1:17:00 PM	DB: CTC-0_REVG_API.MDB	Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network	CTC-0	A1f1 Notif. adm.	USA	A1f3 Inter. sat. org.	
BR6a/BR6b Id. no.		1	BR3a Provision reference	9.1/IA	BR1 Date of receipt	17.03.2024
					BR20 BR IFIC no.	
					BR2 Adm. serial no.	

Résumé / Summary / Resumen

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.	BR9 Action code	BR47 Frequency band (MHz)	BR62 Expiry date for bringing into use	C4a Class of station
SRX	R		5		2025 - 2110		ET
SRXM	R		6		1980 - 2010		EI
URX	R		2		402 - 403		ED, EK, EW
STX	E		3		2200 - 2290		ET
STXM	E		4		2170 - 2200		EI
UTX	E		1		401 - 402		ET

E TSUM Requested by: JENNM Date: 01.08.2024 1:17:00 PM DB: CTC-0_REVG_API.MDB Plan Id.: Notice type: NONGEO

A A1a Sat. Network CTC-0 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

A1f2 Submitted on behalf

A1g Short Mission Duration Res 32 N

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

A4b1a Constellation N A4b1b Configuration type A4b1c Number of sub-sets mutually exclusive

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

Action code	Orbital plane id. no.	A4b1d 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		45	1	0-01:35	510e0	510e0	510e0			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.

B1a/BR17 Beam designation SRX B1b Steerable B2 Emi-Rcp R B3a1 Max. co-polar gain 4

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.
			1

List of orbital planes
ALL

B4a3a1 Angle alpha B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id. 5 BR1 Date of receipt 17.03.2024 C2c RR No. 4.4

BR14 Special Section
C4a Class of station ET C3a Assigned freq. band C5a Noise temperature 500
C4b Nature of service OT C6a Polarization type CR C6b Polarization angle
C11a2 Service area XAA C11a3 Service area diagram

A2b Period of valid. 2 A3a Op. agency 999 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 62K5G1D--	20	-28	0		-48		14		

C7b Carrier frequency of the emissions (62K5G1D--)

2067.5 MHz									
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 A A1a Sat. Network CTC-0 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

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	TT	OT	35	2.2				
AZORES	S	025W08 14	36N59 51	POR	1	TT	OT	35.8	2.2				
DUNDEE	S	003W10 33	56N24 16	G	1	TT	OT	35	2.2				
PLANA	S	023E26 43	42N28 59	BUL	1	TT	OT	34.6	2.76				

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.
SRX_TYPICAL	REC-465-5						
AZORES	REC-465-5						
DUNDEE	REC-465-5						
PLANA	REC-465-5						

13C Remarks

B1a/BR17 Beam designation SRXM B1b Steerable Y B2 Emi-Rcp R B3a1 Max. co-polar gain 8

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.
				1

List of orbital planes
ALL

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

BR7a/BR7b Group id. 6 BR1 Date of receipt 17.03.2024 C2c RR No. 4.4 Y

BR14 Special Section
 C4a Class of station EI C3a Assigned freq. band C5a Noise temperature 500
 C4b Nature of service CR C6a Polarization type CR C6b Polarization angle
 C11a2 Service area NIG C11a3 Service area diagram

A2b Period of valid. 2 A3a Op. agency 999 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		
1980	MHz	2010	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 200KG1D--	15.6	-37.4	-4.3		-57.4		14		
2 100KG1D--	15.6	-34.4	-4.3		-54.4		14		

C7b Carrier frequency of the emissions (200KG1D--)									
1995	MHz								

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A	A1a Sat. Network	CTC-0	A1f1 Notif. adm.	USA	A1f3 Inter. sat. org.	
BR6a/BR6b Id. no.		1	BR3a Provision reference		9.1/IA	BR1 Date of receipt
						17.03.2024
						BR20 BR IFIC no.
						BR2 Adm. serial no.
						SRXM
						R

C7b Carrier frequency of the emissions (100KG1D--)											
1995	MHz										

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwdth				
SRXM_TYPICAL ABUJA	T S	003E41 05	06N58 23	NIG	1 UA 1 UA	CR CR	0 30.7	180 4.13				

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.
SRXM_TYPICAL ABUJA	ND-EARTH REC-465-5						

13C Remarks

B1a/BR17 Beam designation	URX	B1b Steerable		B2 Emi-Rcp	R	B3a1 Max. co-polar gain	0
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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.
							1

List of orbital planes

ALL

B4a3a1 Angle alpha

B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id.	2	BR1 Date of receipt	17.03.2024	C2c RR No. 4.4	
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BR14 Special Section

C4a Class of station	ED EK EW	C3a Assigned freq. band		C5a Noise temperature	1300
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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	XAA	C11a3 Service area diagram	
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A2b Period of valid.	2	A3a Op. agency	999	A3b Adm. resp.	A	BR16 Value of type C8b	
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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		
402	MHz	403	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 25K0F1D--	-7	-46.8	-17		-56.8		14		

C7b Carrier frequency of the emissions (25K0F1D--)											
402.5	MHz										

E TSUM Requested by: JENNM		Date: 01.08.2024 1:17:00 PM	DB: CTC-0 REVG API.MDB		Plan Id.:	Notice type: NONGEO		
A	A1a Sat. Network	CTC-0	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.		URX R

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.			C10d3 Max. iso. gain	C10d4 Bmwdth						
URX_TYPICAL	T				1	TW	OT	16.1	25						
DUNDEE	S	003W10 33	56N24 16	G	2	TD	OT	14	35						
PLANA	S	023E26 43	42N28 59	BUL	3	TK	OT	14	35						
					1	TW	OT								
					2	TD	OT								
					3	TK	OT								
					1	TW	OT								
					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.
URX_TYPICAL							1
DUNDEE							1
PLANA							1

13C Remarks

B1a/BR17 Beam designation	STX	B1b Steerable		B2 Emi-Rcp	E	B3a1 Max. co-polar gain	3.5
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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.
				1

List of orbital planes
ALL

B4a3a1 Angle alpha B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id.	3	BR1 Date of receipt	17.03.2024	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 CR C6b Polarization angle

C8d1 Max. tot. peak pwr. C8d2 Contiguous bandwidth

C11a2 Service area XAA C11a3 Service area diagram

A2b Period of valid. 2 A3a Op. agency 999 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	
2200	MHz	2290	MHz

E TSUM Requested by: JENNM Date: 01.08.2024 1:17:00 PM DB: CTC-0_REVG_API.MDB Plan Id.: Notice type: NONGEO
 A A1a Sat. Network CTC-0 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. STX E

C7a	C8a1/C8b1	C8a2/C8b2	C8c1	C8c2	C8c3	C8c4	C8e1	C8e2	C8f1
Design. of emission	Max. peak pwr	Max. pwr dens.	Min. peak pwr	Atтч.	Min. pwr dens.	Atтч.	C/N ratio	Atтч.	E.i.r.p. on the beam axis
1 62K5G1D--	-7	-55	-17		-65		14		

C7b Carrier frequency of the emissions (62K5G1D--)
 2240.5 MHz

C10b1	C10b2	C10c1		C10c2	C10d1/C10d2		C10d3	C10d4	C10d6
Assoc. earth station id.	Type	Geographical coord.		Ctry	Cls. / Nat.		Max. iso. gain	Bmwdth	Noise temp.
STX_TYPICAL	T				1	TT OT	35	2	161
AZORES	S	025W08 14	36N59 51	POR	1	TT OT	35.8	2.2	161
DUNDEE	S	003W10 33	56N24 16	G	1	TT OT	35	2	161
PLANA	S	023E26 43	42N28 59	BUL	1	TT OT	34.6	2.4	161

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	REC-465-5						
AZORES	REC-465-5						
DUNDEE	REC-465-5						
PLANA	REC-465-5						

13C Remarks

B1a/BR17 Beam designation STXM B1b Steerable Y B2 Emi-Rcp E B3a1 Max. co-polar gain 8

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

B3c1 Co-polar antenna pattern						
Co-polar ref. pattern	Coef. A	Coef. B				Co-polar rad. diag.
						1

List of orbital planes
 ALL

B4a3a1 Angle alpha B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id. 4 BR1 Date of receipt 17.03.2024 C2c RR No. 4.4 Y

BR14 Special Section
 C4a Class of station EI C3a Assigned freq. band
 C4b Nature of service CR C6a Polarization type CR C6b Polarization angle
 C8d1 Max. tot. peak pwr. C8d2 Contiguous bandwidth
 C11a2 Service area NIG C11a3 Service area diagram
 A2b Period of valid. 2 A3a Op. agency 999 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	
2170	MHz	2200	MHz

E TSUM Requested by: JENNM		Date: 01.08.2024 1:17:00 PM	DB: CTC-0_REVG_API.MDB	Plan Id.:	Notice type: NONGEO				
A	A1a Sat. Network	CTC-0	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.			STXM E

C7a	C8a1/C8b1	C8a2/C8b2	C8c1	C8c2	C8c3	C8c4	C8e1	C8e2	C8f1
Design. of emission	Max. peak pwr	Max. pwr dens.	Min. peak pwr	Attch.	Min. pwr dens.	Attch.	C/N ratio	Attch.	E.i.r.p. on the beam axis
1 200KG1D--	7.8	-45.2	-2.2		-55.2		14		
2 100KG1D--	7.8	-42.2	-2.2		-52.2		14		

C7b Carrier frequency of the emissions (200KG1D--)										
2185	MHz									

C7b Carrier frequency of the emissions (100KG1D--)										
2185	MHz									

C10b1	C10b2	C10c1		C10c2	C10d1/C10d2		C10d3	C10d4	C10d6
Assoc. earth station id.	Type	Geographical coord.		Ctry	Cls. / Nat.		Max. iso. gain	Bmwdth	Noise temp.
STXM_TYPICAL	T				1 UA	CR	0	180	1000
ABUJA	S	003E41 05	06N58 23	NIG	1 UA	CR	31	3.8	166

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.
STXM_TYPICAL	ND-EARTH						
ABUJA	REC-465-5						

13C Remarks

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

B3c1 Co-polar antenna pattern						
Co-polar ref. pattern	Coef. A	Coef. B				Co-polar rad. diag.
						1

List of orbital planes
ALL

B4a3a1 Angle alpha B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id.	1	BR1 Date of receipt	17.03.2024	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 M C6b Polarization angle

C8d1 Max. tot. peak pwr. C8d2 Contiguous bandwidth

C11a2 Service area XAA C11a3 Service area diagram

A2b Period of valid. 2 A3a Op. agency 999 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		
401	MHz	402	MHz

E TSUM Requested by: JENNM		Date: 01.08.2024 1:17:00 PM	DB: CTC-0_REVG_API.MDB		Plan Id.:	Notice type: NONGEO		
A	A1a Sat. Network	CTC-0	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.		UTX E

C7a	C8a1/C8b1	C8a2/C8b2	C8c1	C8c2	C8c3	C8c4	C8e1	C8e2	C8f1
Design. of emission	Max. peak pwr	Max. pwr dens.	Min. peak pwr	Attch.	Min. pwr dens.	Attch.	C/N ratio	Attch.	E.i.r.p. on the beam axis
1 25K0F1D--	-0.5	-40.3	-10.5		-50.3		14		

C7b Carrier frequency of the emissions (25K0F1D--)									
401.5	MHz								

C10b1	C10b2	C10c1		C10c2	C10d1/C10d2		C10d3	C10d4	C10d6		
Assoc. earth station id.	Type	Geographical coord.		Ctry	Cls. / Nat.		Max. iso. gain	Bmwdth	Noise temp.		
UTX_TYPICAL	T				1	TT OT	16.1	25	500		
DUNDEE	S	003W10 33	56N24 16	G	1	TT OT	14	35	750		
PLANA	S	023E26 43	42N28 59	BUL	1	TT OT	14	35	750		

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.
	UTX_TYPICAL							1
	DUNDEE							1
	PLANA							1

13C Remarks

BR22 Administration remarks

BR23 Radiocommunication Bureau comments