

E_TSUM Requested by: DAVEM		Date: 18.12.2024 9:09:05 AM		DB: M-SEL_API_REVJ.MDB		Plan Id.:		Notice type: NONGEO	
A	A1a Sat. Network	M-SEL	A1f1 Notif. adm.	USA	A1f3 Inter. sat. org.	BR1 Date of receipt	20.10.2024	BR20 BR IFIC no.	
BR6a/BR6b Id. no.		1	BR3a Provision reference		9.1/IA	BR2 Adm. serial no.			

### Résumé / Summary / Resúmen

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
FCRX	R		9		4900 - 5000		EH
			10		5250 - 5350		EH
FSRX1	R		7		1980 - 2010		EH
FSRX2	R		8		2670 - 2690		EH
SRX	R		5		2025 - 2110		ED, EH, EK
FCTX	E		16		4900 - 4990		EH
FSTX1	E		13		2170 - 2200		EH
FSTX2	E		15		2500 - 2520		EH
FXTX	E		17		6875 - 7055		EH
UHFTX	E		1		400.45 - 400.55		ET

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A A1a Sat. Network M-SEL	A1f1 Notif. adm. USA	A1f3 Inter. sat. org.	BR1 Date of receipt 20.10.2024	BR20 BR IFIC no.
BR6a/BR6b Id. no. 1	BR3a Provision reference 9.1/IA	BR2 Adm. serial no.	FCRX	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 simult. trans. on Northern Hemisphere  A4b3b No. of space stations simult. 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		97	1	0-01:35	510e0	510e0	510e0			Y		

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.
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B1a/BR17 Beam designation FCRX	B1b Steerable <input type="checkbox"/> Y	B2 Emi-Rcp <input type="checkbox"/> R	B3a1 Max. co-polar gain 8.5
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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.

List of orbital planes  
ALL

B4a3a1 Angle alpha  B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id. 9	BR1 Date of receipt 20.10.2024	C2c RR No. 4.4 <input type="checkbox"/> Y
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BR14 Special Section

C4a Class of station  EH C3a Assigned freq. band  C5a Noise temperature  200

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

C11a2 Service area USA 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
4900 MHz	5000 MHz

C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attc.	C8c3 Min. pwr dens.	C8c4 Attc.	C8e1 C/N ratio	C8e2 Attc.	C8f2 E.i.r.p. on the beam axis
1 100MG1D--	17	-63	-3		-83		10		
2 5M00G1D--	17	-50	-3		-70		10		

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 A 1a Sat. Network M-SEL A1f1 Notif. adm. USA A1f3 Inter. sat. org. BR1 Date of receipt 20.10.2024 BR20 BR IFIC no.  
 BR6a/BR6b Id. no. 1 BR3a Provision reference 9.1/IA BR2 Adm. serial no. FCRX R

C7b Carrier frequency of the emissions (100MG1D--)  
 4950 MHz

C7b Carrier frequency of the emissions (5M00G1D--)  
 4902.5 MHz 4950 MHz 4997.5 MHz

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwdth				
BEDFORD_C	S	071W14 07	42N30 18	USA	1	TH CV	29	2.2				

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.
BEDFORD_C	AP8						

13C Remarks

BR7a/BR7b Group id. 10 BR1 Date of receipt 20.10.2024 C2c RR No. 4.4 Y

BR14 Special Section  
 C4a Class of station EH C3a Assigned freq. band C5a Noise temperature 200  
 C4b Nature of service CV C6a Polarization type M C6b Polarization angle  
 C11a2 Service area USA 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	
5250	MHz	5350	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 100MG1D--	17	-63	-3		-83		10		
2 5M00G1D--	17	-50	-3		-70		10		

C7b Carrier frequency of the emissions (100MG1D--)  
 5300 MHz

C7b Carrier frequency of the emissions (5M00G1D--)  
 5252.5 MHz 5300 MHz 5347.5 MHz

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwdth				
BEDFORD_C	S	071W14 07	42N30 18	USA	1	TH CV	29	2.2				

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.
BEDFORD_C	AP8						

13C Remarks

B1a/BR17 Beam designation FSRX1 B1b Steerable Y B2 Emi-Rcp R B3a1 Max. co-polar gain 8.2

E\_TSUM Requested by: DAVEM Date: 18.12.2024 9:09:05 AM DB: M-SEL\_API\_REVJ.MDB Plan Id.: Notice type: NONGEO

A A1a Sat. Network M-SEL A1f1 Notif. adm. USA A1f3 Inter. sat. org. BR1 Date of receipt 20.10.2024 BR20 BR IFIC no.

BR6a/BR6b Id. no. 1 BR3a Provision reference 9.1/IA BR2 Adm. serial no. FSRX1 R

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.

List of orbital planes  
ALL

B4a3a1 Angle alpha B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id. 7 BR1 Date of receipt 20.10.2024 C2c RR No. 4.4  Y

BR14 Special Section

C4a Class of station EH C3a Assigned freq. band C5a Noise temperature 200

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

C11a2 Service area USA 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	C8a1/C8b1	C8a2/C8b2	C8c1	C8c2	C8c3	C8c4	C8e1	C8e2	C8f2
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 30M0G1D--	17	-57.8	-3		-77.8		10		
2 5M00G1D--	17	-50	-3		-70		10		

C7b Carrier frequency of the emissions (30M0G1D--)									
1995	MHz								

C7b Carrier frequency of the emissions (5M00G1D--)									
1982.5	MHz	1995	MHz	2007.5	MHz				

C10b1	C10b2	C10c1		C10c2	C10d1/C10d2		C10d3	C10d4				
Assoc. earth station id.	Type	Geographical coord.		Ctry	Cls. / Nat.		Max. iso. gain	Bmwidth				
BEDFORD S1	S	071W14 07	42N30 18	USA	1	TH CV	19.9	5.2				

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.
BEDFORD S1	AP8						

13C Remarks

B1a/BR17 Beam designation FSRX2 B1b Steerable  Y B2 Emi-Rcp  R B3a1 Max. co-polar gain 12.2

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

E\_TSUM Requested by: DAVEM Date: 18.12.2024 9:09:05 AM DB: M-SEL\_API\_REVJ.MDB Plan Id.: Notice type: NONGEO

A A1a Sat. Network M-SEL A1f1 Notif. adm. USA A1f3 Inter. sat. org. BR1 Date of receipt 20.10.2024 BR20 BR IFIC no.

BR6a/BR6b Id. no. 1 BR3a Provision reference 9.1/IA BR2 Adm. serial no. FSRX2 R

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

List of orbital planes  
ALL

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

BR7a/BR7b Group id. 8 BR1 Date of receipt 20.10.2024 C2c RR No. 4.4 Y

BR14 Special Section   
C4a Class of station EH C3a Assigned freq. band  C5a Noise temperature 200  
C4b Nature of service CV C6a Polarization type M C6b Polarization angle   
C11a2 Service area USA 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	
2670	MHz	2690	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	20M0G1D--	17	-56	-3		-76		10		
2	5M00G1D--	17	-50	-3		-70		10		

C7b Carrier frequency of the emissions (20M0G1D--)											
2680	MHz										

C7b Carrier frequency of the emissions (5M00G1D--)											
2672.5	MHz	2680	MHz	2687.5	MHz						

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwidth				
BEDFORD_S2	S	071W14 07	42N30 18	USA	1	TH CV	24	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.
BEDFORD_S2	AP8						

13C Remarks

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 Y B2a2 Min. Elev. Angle

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

E\_TSUM Requested by: DAVEM Date: 18.12.2024 9:09:05 AM DB: M-SEL\_API\_REVJ.MDB Plan Id.: Notice type: NONGEO

A 1a Sat. Network M-SEL A1f1 Notif. adm. USA A1f3 Inter. sat. org. BR1 Date of receipt 20.10.2024 BR20 BR IFIC no.

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

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 20.10.2024 C2c RR No. 4.4

BR14 Special Section  
C4a Class of station EH ED EK C3a Assigned freq. band C5a Noise temperature 200  
C4b Nature of service OT OT 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	C8a1/C8b1	C8a2/C8b2	C8c1	C8c2	C8c3	C8c4	C8e1	C8e2	C8f2
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 300KG1D--	19	-35.7	-1		-55.7		10		

C7b Carrier frequency of the emissions (300KG1D--)									
2050	MHz								

C10b1	C10b2	C10c1		C10c2	C10d1/C10d2		C10d3	C10d4						
Assoc. earth station id.	Type	Geographical coord.		Ctry	Cls. / Nat.		Max. iso. gain	Bmwidth						
TYPICAL GW ES	T				1 TH	OT	39	1.2						
SANTA MARIA	S	025W08 10	36N59 51	AZR	2 TD	OT	18.6	20						
VIMERCATE	S	009E21 44	45N35 36	I	3 TK	OT	34	3.2						
KASPICHAN	S	027E09 27	43N18 49	BUL	1 TH	OT	34.3	3.2						
PRETORIA	S	028E27 12	25S51 39	AFS	2 TD	OT	39	1.2						
					3 TK	OT								

C10d5a Co-polar antenna pattern							
C10b1	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
TYPICAL GW ES	AP8						
SANTA MARIA	AP8						
VIMERCATE	AP8						
KASPICHAN	AP8						

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 A A1a Sat. Network M-SEL A1f1 Notif. adm. USA A1f3 Inter. sat. org. BR1 Date of receipt 20.10.2024 BR20 BR IFIC no.  
 BR6a/BR6b Id. no. 1 BR3a Provision reference 9.1/IA BR2 Adm. serial no. SRX R

PRETORIA AP8  
 13C Remarks

B1a/BR17 Beam designation FCTX B1b Steerable Y B2 Emi-Rcp E B3a1 Max. co-polar gain 17.1

B2a1 Transmit only when visible from notified service area Y B2a2 Min. Elev. Angle 10

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

List of orbital planes  
 ALL

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

BR7a/BR7b Group id. 16 BR1 Date of receipt 20.10.2024 C2c RR No. 4.4 Y

BR14 Special Section  
 C4a Class of station EH C3a Assigned freq. band  
 C4b Nature of service CV C6a Polarization type M C6b Polarization angle  
 C8d1 Max. tot. peak pwr. C8d2 Contiguous bandwidth  
 C11a2 Service area USA 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	
4900	MHz	4990	MHz

C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attc.	C8c3 Min. pwr dens.	C8c4 Attc.	C8e1 C/N ratio	C8e2 Attc.	C8f1 E.i.r.p. on the beam axis
1 10M0G1D--	2.1	-67.9	-17.9		-87.9		10		
2 5M00G1D--	2.1	-64.9	-17.9		-84.9		10		

C7b Carrier frequency of the emissions (10M0G1D--)									
4905	MHz	4945	MHz	4985	MHz				

C7b Carrier frequency of the emissions (5M00G1D--)									
4902.5	MHz	4945	MHz	4987.5	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.
BEDFORD_C	S	071W14 07	42N30 18	USA	1	TH CV	29	2.1	120

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.
BEDFORD_C	AP8						

13C Remarks

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

B1a/BR17 Beam designation FSTX1	B1b Steerable Y	B2 Emi-Rcp E	B3a1 Max. co-polar gain 8.9
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B2a1 Transmit only when visible from notified service area Y B2a2 Min. Elev. Angle 10

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

List of orbital planes  
ALL

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

BR7a/BR7b Group id. 13 BR1 Date of receipt 20.10.2024 C2c RR No. 4.4 Y

BR14 Special Section  
C4a Class of station EH C3a Assigned freq. band  
C4b Nature of service CV C6a Polarization type M C6b Polarization angle  
C8d1 Max. tot. peak pwr. C8d2 Contiguous bandwidth  
C11a2 Service area USA 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

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 30M0G1D--	7.5	-67.3	-12.5		-87.3		10		
2 5M00G1D--	7.5	-59.5	-12.5		-79.5		10		

C7b Carrier frequency of the emissions (30M0G1D--)									
2185	MHz								

C7b Carrier frequency of the emissions (5M00G1D--)									
2172.5	MHz	2185	MHz	2197.5	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.
BEDFORD_S	S	071W14 07	42N30 18	USA	1	TH CV	21	4.8	101

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.
BEDFORD_S	AP8						

13C Remarks



E\_TSUM Requested by: DAVEM Date: 18.12.2024 9:09:05 AM DB: M-SEL\_API\_REVJ.MDB Plan Id.: Notice type: NONGEO  
 A 1a Sat. Network M-SEL A1f1 Notif. adm. USA A1f3 Inter. sat. org. BR1 Date of receipt 20.10.2024 BR20 BR IFIC no.  
 BR6a/BR6b Id. no. 1 BR3a Provision reference 9.1/IA BR2 Adm. serial no. FSTX2 E

B1a/BR17 Beam designation FSTX2 B1b Steerable Y B2 Emi-Rcp E B3a1 Max. co-polar gain 11.1

B2a1 Transmit only when visible from notified service area Y B2a2 Min. Elev. Angle 10

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

List of orbital planes  
ALL

B4a3a1 Angle alpha B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id. 15 BR1 Date of receipt 20.10.2024 C2c RR No. 4.4 Y

BR14 Special Section

C4a Class of station EH C3a Assigned freq. band

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

C8d1 Max. tot. peak pwr. C8d2 Contiguous bandwidth

C11a2 Service area USA 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	
2500	MHz	2520	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 10M0G1D--	7.4	-62.6	-12.6		-82.6		10		
2 5M00G1D--	7.4	-59.6	-12.6		-79.6		10		

C7b Carrier frequency of the emissions (10M0G1D--)									
2505	MHz	2510	MHz	2515	MHz				

C7b Carrier frequency of the emissions (5M00G1D--)									
2502.5	MHz	2510	MHz	2517.5	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.
BEDFORD_S3	S	071W14 07	42N30 18	USA	1 TH	CV	23.5	4.3	101

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.
BEDFORD_S3	AP8						

13C Remarks

B1a/BR17 Beam designation FSTX B1b Steerable B2 Emi-Rcp E B3a1 Max. co-polar gain 8.5

E\_TSUM Requested by: DAVEM Date: 18.12.2024 9:09:05 AM DB: M-SEL\_API\_REVJ.MDB Plan Id.: Notice type: NONGEO

A A1a Sat. Network M-SEL A1f1 Notif. adm. USA A1f3 Inter. sat. org. BR1 Date of receipt 20.10.2024 BR20 BR IFIC no.

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

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.

List of orbital planes  
ALL

B4a3a1 Angle alpha  B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

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

BR14 Special Section

C4a Class of station  C3a Assigned freq. band

C4b Nature of service  C6a Polarization type  C6b Polarization angle

C8d1 Max. tot. peak pwr.  C8d2 Contiguous bandwidth

C11a2 Service area  C11a3 Service area diagram

A2b Period of valid.  A3a Op. agency  A3b Adm. resp.  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	
6875	MHz	7055	MHz

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 180MG1D--	7.3	-75.2	-12.7		-95.3		10		
2 5M00G1D--	7.3	-59.6	-12.7		-79.6		10		

C7b Carrier frequency of the emissions (180MG1D--)									
6965	MHz								

C7b Carrier frequency of the emissions (5M00G1D--)									
6877.5	MHz	6965	MHz	7052.5	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.		
BEDFORD_X	S	071W14 07	42N30 18	USA	1 TH CV	36	1.6	180		

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.
BEDFORD_X	AP8						

13C Remarks

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

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

E\_TSUM Requested by: DAVEM Date: 18.12.2024 9:09:05 AM DB: M-SEL\_API\_REVJ.MDB Plan Id.: Notice type: NONGEO  
 A A1a Sat. Network M-SEL A1f1 Notif. adm. USA A1f3 Inter. sat. org. BR1 Date of receipt 20.10.2024 BR20 BR IFIC no.  
 BR6a/BR6b Id. no. 1 BR3a Provision reference 9.1/IA BR2 Adm. serial no. UHF TX E

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. 1 BR1 Date of receipt 20.10.2024 C2c RR No. 4.4

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 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	
400.45	MHz	400.55	MHz

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 60K0F1D--	6	-40	-4		-50		5		

C7b Carrier frequency of the emissions (60K0F1D--)									
400.5	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.
TYPICAL GW ES	T				1	TT OT	16.2	40	150
SANTA MARIA	S	025W08 10	36N59 51	AZR	1	TT OT	15.4	20	100
LOMAZZO	S	009E02 05	45N41 50	I	1	TT OT	14.8	40	290
VIMERCATE	S	009E21 44	45N35 36	I	1	TT OT	14.8	40	290
KASPICHAN	S	027E09 27	43N18 49	BUL	1	TT OT	14.8	40	290
PRETORIA	S	028E27 12	25S51 39	AFS	1	TT OT	16.2	40	150

C10d5a Co-polar antenna pattern							
C10b1	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
TYPICAL GW ES	AP8						
SANTA MARIA	AP8						
LOMAZZO	AP8						
VIMERCATE	AP8						
KASPICHAN	AP8						
PRETORIA	AP8						

13C Remarks

E_TSUM Requested by: DAVEM		Date: 18.12.2024 9:09:05 AM		DB: M-SEL_API_REVJ.MDB		Plan Id.:		Notice type: NONGEO	
A	A1a Sat. Network	M-SEL	A1f1 Notif. adm.	USA	A1f3 Inter. sat. org.	BR1 Date of receipt	20.10.2024	BR20 BR IFIC no.	
BR6a/BR6b Id. no.		1	BR3a Provision reference		9.1/IA	BR2 Adm. serial no.			UHFTX E

BR22 Administration remarks

BR23 Radiocommunication Bureau comments