

E_TSUM Requested by: DAVEM Date: 11.12.2024 9:51:23 AM DB: M-SEL_CR_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/BR21 BR IFIC no./part /

BR6a/BR6b Id. no. 1 BR3a/BR3b Provision reference 9.6 C BR2 Adm. serial no. FLTX E

A1f2 Submitted on behalf

A1g Short Mission Duration Res 32 A24a SDM commitment N A23a Commitment Res 35 N

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

A4b1a Constellation Y A4b1b Configuration type S 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

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

Action code	Orbital plane id. no.	A4b1d Orbit set id.	A4b4a Inclination angle	A4b4b No. of satellites in this plane	A4b4c Period	A4b4d Apogee	A4b4g Right asc.	A4b6c Station keeping	A4b6e Specific modelled station	A4b4j Long. asc. node	A4b4m,n,o Sun synchronous			
					A4b4f Min. altitude	A4b4e Perigee	A4b4i Arg. of perigee	A4b6d Repeat period	A4b6f Precession rate	A4b6j Long. tolerance	Y/N	Reference node	Node local time	
	1		97	1	0-01:35	510e0					Y			
					510e0	510e0								

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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A17a Compliance with PFD limit dB(W/(m².1MHz)) in the band 1164 - 1215 MHz

A17a.bis a Calculated EPFD value in the band 1610.6 – 1613.8 MHz at RA SDT dB(W/(m².20 kHz))

A17a.bis b Calculated EPFD value in the band 1610.6 – 1613.8 MHz at RA VLBI 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 N BR103 Demonstration Res 770

B1a/BR17 Beam designation FLTX B1b Steerable Y B2 Emi-Rcp E B3a1 Max. co-polar gain 7.4

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

B3b1b Applicable PFD will be met by applying the method in Annex 1 of ROP 21.16 Y Attach. no.

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

List of orbital planes
ALL

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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/BR21 BR IFIC no./part /

BR6a/BR6b Id. no. 1 BR3a/BR3b Provision reference 9.6 C BR2 Adm. serial no. FLTX E

B4a3a1 Angle alpha B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id. 11 BR1 Date of receipt 20.10.2024 C2c RR No. 4.4 Y BR97 No. 11.43A BR98 For use in accordance with Res 163/164

A2b Period of valid. 2 A3a Op. agency 999 A3b Adm. resp. A BR16 Value of type C8b A4b7cbis Min. elevation angle

BR96 Start date for 9.1/9.1A

BR62 Expiry date for bringing into use BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49

BR14 Special Section

C4a Class of station EH C3a Assigned freq. band 20000 B4b5 Peak of pfd

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

C8d1 Max. tot. peak pwr. 8.7 C8d2 Contiguous bandwidth

C11a1 Service area no. 1

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency									
1535	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.
1	20M0G1D--	8.7	-64.3	-11.3		-84.3		10	
2	5M00G1D--	8.7	-58.3	-21.3		-88.3		10	

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
BEDFORD_L	S	071W14 07	42N30 18	USA	1	TH CV	17	7	110	

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_L	AP8						

Findings 2D Date of protection 13A Conformity with RR 13B1 Prov. 13B2 Remarks 13B3 Date of Review

13C Remarks

BR7a/BR7b Group id. 12 BR1 Date of receipt 20.10.2024 C2c RR No. 4.4 Y BR97 No. 11.43A BR98 For use in accordance with Res 163/164

A2b Period of valid. 2 A3a Op. agency 999 A3b Adm. resp. A BR16 Value of type C8b A4b7cbis Min. elevation angle

BR96 Start date for 9.1/9.1A

BR62 Expiry date for bringing into use BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49

BR14 Special Section

C4a Class of station EH C3a Assigned freq. band 14000 B4b5 Peak of pfd

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

C8d1 Max. tot. peak pwr. 8.7 C8d2 Contiguous bandwidth

C11a1 Service area no. 1

A5/A6 Coordinations/Agreements

E_TSUM Requested by: DAVEM		Date: 11.12.2024 9:51:23 AM	DB: M-SEL_CR_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/BR21 BR IFIC no./part	/
BR6a/BR6b Id. no.		1	BR3a/BR3b Provision reference		9.6	C	BR2 Adm. serial no.	FLTX E	

C2a1 Assigned frequency									
1552	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.
1	14M0G1D--	8.7	-62.8	-11.3		-82.8		10	
2	5M00G1D--	8.7	-58.3	-11.3		-78.3		10	

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
BEDFORD_L	S	071W14 07	42N30 18	USA	1	TH CV	17	7	110	

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_L	AP8						

Findings	2D Date of protection	13A Conformity with RR	13B1 Prov.	13B2 Remarks	13B3 Date of Review
13C Remarks					

B1a/BR17 Beam designation	FSTX2	B1b Steerable	Y	B2 Emi-Rcp	E	B3a1 Max. co-polar gain	11.1
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B2a1 Transmit only when visible from notified service area Y B2a2 Min. Elev. Angle

B3b1b Applicable PFD will be met by applying the method in Annex 1 of ROP 21.16 Y Attach. no.

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

List of orbital planes	ALL
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B4a3a1 Angle alpha B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id.	14	BR1 Date of receipt	20.10.2024	C2c RR No. 4.4	Y	BR97 No. 11.43A	BR98 For use in accordance with Res 163/164
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A2b Period of valid. A3a Op. agency A3b Adm. resp. BR16 Value of type C8b A4b7cbis Min. elevation angle

BR96 Start date for 9.1/9.1A

BR62 Expiry date for bringing into use BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49

BR14 Special Section

C4a Class of station C3a Assigned freq. band B4b5 Peak of pfd

C4b Nature of service C6a Polarization type C6b Polarization angle

C8d1 Max. tot. peak pwr. C8d2 Contiguous bandwidth

C11a1 Service area no.

A5/A6 Coordinations/Agreements	
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C2a1 Assigned frequency									
2491.75	MHz								

E_TSUM Requested by: DAVEM		Date: 11.12.2024 9:51:23 AM		DB: M-SEL_CR_REVJ.MDB		Plan Id.:		Notice type: NONGEO	
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BR6a/BR6b Id. no.		1	BR3a/BR3b Provision reference		9.6	C	BR2 Adm. serial no.	FSTX2 E	

A13 Ref. to Special Sections	C7a		C8a1/C8b1	C8a2/C8b2	C8c1	C8c2	C8c3	C8c4	C8e1	C8e2
	Design. of emission		Max. peak pwr	Max. pwr dens.	Min. peak pwr	Attch.	Min. pwr dens.	Attch.	C/N ratio	Attch.
	1	16M0G1D--		7.4	-64.6	-12.6		-84.6		10
	2	5M00G1D--		7.4	-59.6	-12.6		-79.6		10

C10b1	C10b2	C10c1		C10c2	C10d1/C10d2		C10d3	C10d4	C10d6	C10d7
Assoc. earth station id.	Type	Geographical coord.		Ctry	Cls. / Nat.		Max. iso. gain	Bmwidth	Noise temp.	Ant. diameter
BEDFORD_S2	S	071W14 07	42N30 18	USA	1	TH CV	23.5	4.3	92	

C10d5a Co-polar antenna pattern							
C10b1	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
BEDFORD_S2	AP8						

Findings	2D Date of protection		13A Conformity with RR			13B1 Prov.		13B2 Remarks		13B3 Date of Review	
13C Remarks											