E_TSUM Requested by: DAVEM	Date: 25.11.2024 6:55:45 AM	DB: MITRE API_REVI.MDB	Plan Id.:	Notice type: NONGEO

A	*A1a* Sat. Network: MITRE	*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 / 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
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 - 5000		EH
FLTX	E		11		1525 - 1545		EH
			12		1545 - 1559		EH
FSTX1	E		13		2170 - 2200		EH
FSTX2	E		14		2483.5 - 2500		EH
			15		2500 - 2520		EH
FXTX	E		17		6875 - 7055		EH
UHFTX	E		1		400.45 - 400.55		ET

E_TSUM Requested by: DAVEM Date: 25.11.2024 6:55:45 AM DB: MITRE API_REVI.MDB Plan Id.: Notice type: NONGEO

A *A1a* Sat. Network: MITRE *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.

B1a/BR17 Beam designation: FCRX *B1b* Steerable: Y *B2* Emi-Rcp: R *B3a1* Max. co-polar gain: 8.5

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:

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* 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		

E_TSUM Requested by: DAVEM Date: 25.11.2024 6:55:45 AM DB: MITRE API_REVI.MDB Plan Id.: Notice type: NONGEO

A *A1a* Sat. Network: MITRE *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	4907.5	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:

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: 25.11.2024 6:55:45 AM DB: MITRE API_REVI.MDB Plan Id.: Notice type: NONGEO

A *A1a* Sat. Network: MITRE *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:

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 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	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 Assoc. earth station id.	*C10b2* Type	*C10c1* Geographical coord.		*C10c2* Ctry	*C10d1/C10d2* Cls. / Nat.			*C10d3* Max. iso. gain	*C10d4* Bmwdth						
	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: 25.11.2024 6:55:45 AM DB: MITRE API_REVI.MDB Plan Id.: Notice type: NONGEO

A *A1a* Sat. Network MITRE *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

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* Bmwdth						
	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: 25.11.2024 6:55:45 AM DB: MITRE API_REVI.MDB Plan Id.: Notice type: NONGEO

A *A1a* Sat. Network: MITRE *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 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	300KG1D--	19	-35.7	-1		-55.7		10		

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

2050 MHz

C10b1 Assoc. earth station id.	*C10b2* Type	*C10c1* Geographical coord.		*C10c2* Ctry	*C10d1/C10d2* Cls. / Nat.			*C10d3* Max. iso. gain	*C10d4* Bmwdth
TYPICAL GW ES	T				1	TH	OT	39	1.2
					2	TD	OT		
					3	TK	OT		
SANTA MARIA	S	025W08 10	36N59 51	AZR	1	TH	OT	18.6	20
					2	TD	OT		
					3	TK	OT		
VIMERCATE	S	009E21 44	45N35 36	I	1	TH	OT	34	3.2
					2	TD	OT		
					3	TK	OT		
KASPICHAN	S	027E09 27	43N18 49	BUL	1	TH	OT	34.3	3.2
					2	TD	OT		
					3	TK	OT		
PRETORIA	S	028E27 12	25S51 39	AFS	1	TH	OT	39	1.2
					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.
TYPICAL GW ES	AP8						
SANTA MARIA	AP8						
VIMERCATE	AP8						
KASPICHAN	AP8						

E_TSUM Requested by: DAVEM Date: 25.11.2024 6:55:45 AM DB: MITRE API_REVI.MDB Plan Id.: Notice type: NONGEO

A *A1a* Sat. Network: MITRE *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:

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	5000	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--	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	4950	MHz	4995	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	*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:

E_TSUM Requested by: DAVEM Date: 25.11.2024 6:55:45 AM DB: MITRE API_REVI.MDB Plan Id.: Notice type: NONGEO

A *A1a* Sat. Network: MITRE *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.: FCTX E

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

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.: 11 *BR1* Date of receipt: 20.10.2024 *C2c* RR No. 4.4:

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	
1525	MHz	1545	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	20M0G1D--	8.7	-64.3	-11.3		-84.3		10		
2	5M00G1D--	8.7	-58.3	-21.3		-88.3		10		

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

1535	MHz																		

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

1527.5	MHz	1535	MHz	1542.5	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.		
	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						

13C Remarks:

E_TSUM Requested by: DAVEM Date: 25.11.2024 6:55:45 AM DB: MITRE API_REVI.MDB Plan Id.: Notice type: NONGEO

A *A1a* Sat. Network: MITRE *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.: FLTX E

BR7a/BR7b Group id.: 12 *BR1* Date of receipt: 20.10.2024 *C2c* RR No. 4.4:

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	
1545	MHz	1559	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	14M0G1D--	8.7	-62.8	-11.3		-82.8		10		
2	5M00G1D--	8.7	-58.3	-11.3		-78.3		10		

C7b Carrier frequency of the emissions (14M0G1D--)

1552	MHz																		

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

1547.5	MHz	1552	MHz	1556.5	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.		
	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						

13C Remarks:

B1a/BR17 Beam designation: FSTX1 *B1b* Steerable: Y *B2* Emi-Rcp: E *B3a1* Max. co-polar gain: 8.9

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:

BR14 Special Section:

E_TSUM Requested by: DAVEM Date: 25.11.2024 6:55:45 AM DB: MITRE API_REVI.MDB Plan Id.: Notice type: NONGEO

A *A1a* Sat. Network: MITRE *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.: FSTX1 E

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* Bmwdth	*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:

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.: 14 *BR1* Date of receipt: 20.10.2024 *C2c* RR No. 4.4:

BR14 Special Section:

E_TSUM Requested by: DAVEM Date: 25.11.2024 6:55:45 AM DB: MITRE API_REVI.MDB Plan Id.: Notice type: NONGEO

A *A1a* Sat. Network: MITRE *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

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	
2483.5	MHz	2500	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	16M0G1D--	7.4	-64.6	-12.6		-84.6		10		
2	5M00G1D--	7.4	-59.6	-12.6		-79.6		10		

C7b Carrier frequency of the emissions (16M0G1D--)

2491.5	MHz																		

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

2486	MHz	2491.5	MHz	2497.5	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.		
	BEDFORD_S2	S	071W14 07	42N30 18	USA	1	TH	CV	23.5	4.3	92		

	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:

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

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

E_TSUM Requested by: DAVEM Date: 25.11.2024 6:55:45 AM DB: MITRE API_REVI.MDB Plan Id.: Notice type: NONGEO

A *A1a* Sat. Network: MITRE *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

	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* Bmwdth	*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: FXTX *B1b* Steerable: *B2* Emi-Rcp: E *B3a1* Max. co-polar gain: 8.5

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.: 17 *BR1* Date of receipt: 20.10.2024 *C2c* RR No. 4.4:

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	
6875	MHz	7055	MHz

E_TSUM Requested by: DAVEM Date: 25.11.2024 6:55:45 AM DB: MITRE API_REVI.MDB Plan Id.: Notice type: NONGEO

A *A1a* Sat. Network: MITRE *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

	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	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 Assoc. earth station id.	*C10b2* Type	*C10c1* Geographical coord.		*C10c2* Ctry	*C10d1/C10d2* Cls. / Nat.			*C10d3* Max. iso. gain	*C10d4* Bmwdth	*C10d6* 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: 1.8

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.
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

E_TSUM Requested by: DAVEM Date: 25.11.2024 6:55:45 AM DB: MITRE API_REVI.MDB Plan Id.: Notice type: NONGEO

A *A1a* Sat. Network: MITRE *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

	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	-40	-4		-50		5		

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* Bmwdth	*C10d6* 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 Assoc. earth station id.	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:

BR22 Administration remarks:

BR23 Radiocommunication Bureau comments: