

E_TSUM Requested by:	ACOURTNE	Date:	29.03.2024 2:51:47 PM	DB:	NEWDB.MDB	Plan Id.:		Notice type:	NONGEO	
A	A1a Sat. Network	DEMO-2	A1f1 Notif. adm.	USA	A1f3 Inter. sat. org.		BR1 Date of receipt	24.01.2024	BR20 BR IFIC no.	
	BR6a/BR6b Id. no.	1	BR3a Provision reference	9.1/IA		BR2 Adm. serial no.				

Résumé / Summary / Resumen

Il est prévu d'exploiter ce système à satellites non OSG dans le cadre d'une mission de courte durée conformément à la Résolution 32 (CMR-19)

This non-GSO satellite system is planned to be operated as short duration mission in accordance with Resolution 32 (WRC-19)

Está previsto que este sistema de satélites no OSG opere como misión de corta duración en los términos de la Resolución 32 (CMR-19)

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
DN1	E		2		2208.5 - 2213.5		ET
DN2	E		1		2285 - 2290		ET

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A A1a Sat. Network DEMO-2 A1f1 Notif. adm. USA A1f3 Inter. sat. org. BR1 Date of receipt 24.01.2024 BR20 BR IFIC no.

BR6a/BR6b Id. no. 1 BR3a Provision reference 9.1/IA BR2 Adm. serial no. DN1 E

A1f2 Submitted on behalf

A1g Short Mission Duration Res 32 Y

A4b1 No. of orbital planes 1 A4b2 Ref. body T BR110 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 1 A4b3b No. of space stations simult. trans. on Southern Hemisphere 1

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		88	1	0-01:30	350e0	200e0	200e0			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 DN1 B1b Steerable B2 Emi-Rcp E B3a1 Max. co-polar gain 2.5

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. 2 BR1 Date of receipt 24.01.2024 C2c RR No. 4.4 Y

BR14 Special Section

C4a Class of station ET C3a Assigned freq. band

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

C8d1 Max. tot. peak pwr. C8d2 Contiguous bandwidth

C11a2 Service area USA C11a3 Service area diagram

A2b Period of valid. 1 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
2208.5 MHz	2213.5 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 5M00G1W--	3.1	-63.9	3.1		-63.9		31.7		5.6

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A A1a Sat. Network DEMO-2 A1f1 Notif. adm. USA A1f3 Inter. sat. org. BR1 Date of receipt 24.01.2024 BR20 BR IFIC no.

BR6a/BR6b Id. no. 1 BR3a Provision reference 9.1/IA BR2 Adm. serial no. DN1 E

C7b Carrier frequency of the emissions (5M00G1W--)										
2211	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.
PSCA KODIAK	S	152W22 40	57N27 19	USA	1	UT CV	38	1.6	158
KSAT HAWAII	S	158W02 06	21N40 14	USA	1	UT CV	42.6	1.2	290
SANSA HARTEBEESTOEK	S	027E42 25	25S53 08	AFS	1	UT CV	47	0.7	290

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.
PSCA KODIAK							1
KSAT HAWAII							1
SANSA HARTEBEESTOEK							1

13C Remarks

B1a/BR17 Beam designation DN2 B1b Steerable B2 Emi-Rcp E B3a1 Max. co-polar gain 2.5

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. 1 BR1 Date of receipt 24.01.2024 C2c RR No. 4.4 Y

BR14 Special Section
 C4a Class of station ET C3a Assigned freq. band
 C4b Nature of service CV C6a Polarization type CR C6b Polarization angle
 C8d1 Max. tot. peak pwr. C8d2 Contiguous bandwidth
 C11a2 Service area USA C11a3 Service area diagram

A2b Period of valid. 1 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	
2285	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 5M00G1W--	3.1	-63.9	3.1		-63.9		31.7		5.6

C7b Carrier frequency of the emissions (5M00G1W--)									
2287.5	MHz								

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BR6a/BR6b Id. no. 1		BR3a Provision reference 9.1/IA		BR2 Adm. serial no.	DN2		E

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.
PSCA KODIAK	S	152W22 40	57N27 19	USA	1	UT	CV	38	1.6	158
KSAT HAWAII	S	158W02 06	21N40 14	USA	1	UT	CV	42.6	1.2	290
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C10b1 Assoc. earth station id.	C10d5a Co-polar antenna pattern						Co-polar rad. diag.
	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	
PSCA KODIAK							2
KSAT HAWAII							2
SANSA HARTEBEESTOEK							2

13C Remarks

C9 Modulation characteristics	C7a Designation of emission 5M00G1W--
C9a1 Type of modulation	OQPSK
C9a2a Lowest frequency	
C9a2b Highest frequency	
C9a2c Frequency deviation	
C9a3a Freq. deviation of the pre-emphasized signal	
C9a3b Pre-emphasis characteristics	
C9a3c Type of multiplexing	
C9a4a Bit rate	
C9a4b Number of phases	
C9a5a Modulating signal attached (see atch. no.)	
C9a5b Amplitude modulation	
C9a6a Peak-to-peak freq. dev.	
C9a6b Sweep frequency	
C9a6c Energy dispersal waveform	
C9a7 Type of energy dispersal	
C9a8 Other types of modulation (see atch. no.)	
C9a9 TV standard	
BR7a Group id.	1, 2

BR22 Administration remarks

BR23 Radiocommunication Bureau comments