

E_TSUM Requested by: CHRIS		Date: 27.07.2018 2:25:21 PM		DB: SPACECAP_V8.MDB		Plan Id.:		Notice type: NONGEO	
A	A1a Sat. Network	CUPID	A1f1 Notif. adm.	USA	A1f3 Inter. sat. org.	BR1 Date of receipt	18.07.2018	BR20 BR IFIC no.	
BR6a/BR6b Id. no.		2	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)		C4a Class of station
UPLINK	R		1		400	- 405	ED
			3			-	
DOWNLINK	E		2		400	- 405	ED

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A1f2 Submitted on behalf

A4b1 No. of orbital planes 1 A4b2 Ref. body T BR43 Orbital configuration 0

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

Orbital plane id. no.	A4b4a Inclination angle	A4b4b No. of satellites in this plane	A4b4c Period	A4b4d Apogee	A4b4e Perigee	A4b4f Min. altitude
1	65	1	0-01:34	500e0	500e0	500e0

B1a/BR17 Beam designation UPLINK B1b Steerable B2 Emi-Rcp R B3a1 Max. co-polar gain 2.2

B2bis.a Transmit only when visible from notified service area B2bis.b 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 18.07.2018 C2c RR No. 4.4

BR14 Special Section

C4a Class of station ED C3a Assigned freq. band C5a Noise temperature 570

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

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

BR60 Regulatory deadline(s) 11.44/11.44.1

C1 Frequency Range	
C1a Lower limit	C1b Upper limit
400 MHz	405 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 13K4F1DBN	7	-20.8	7		-20.8				

C7b Carrier frequency of the emissions (13K4F1DBN)
401 MHz

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cts. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwdth				
CUPID BUGS	S	071W06 20	42N20 57	USA	1 TD	CV	14.4	34.4				

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.
CUPID BUGS							2

13C Remarks

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BR6a/BR6b Id. no.		2	BR3a Provision reference		9.1/IA	BR2 Adm. serial no.		UPLINK	R

BR7a/BR7b Group id.	3	BR1 Date of receipt	18.07.2018	C2c RR No. 4.4	
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BR14 Special Section

C4a Class of station

C4b Nature of service

C11a2 Service area

A2b Period of valid.

A3a Op. agency

A3b Adm. resp.

BR16 Value of type C8b

BR60 Regulatory deadline(s) 11.44/11.44.1

C3a Assigned freq. band

C5a Noise temperature

C6a Polarization type

C6b Polarization angle

C11a3 Service area diagram

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwdth							
	T												

13C Remarks

B1a/BR17 Beam designation	DOWNLINK	B1b Steerable		B2 Emi-Rcp	E	B3a1 Max. co-polar gain	2.7
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B2bis.a Transmit only when visible from notified service area Y

B2bis.b Min. Elev. Angle 5

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	18.07.2018	C2c RR No. 4.4	
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BR14 Special Section

C4a Class of station

C4b Nature of service

C8d1 Max. tot. peak pwr.

C11a2 Service area

A2b Period of valid.

A3a Op. agency

A3b Adm. resp.

BR16 Value of type C8b

BR60 Regulatory deadline(s) 11.44/11.44.1

C3a Assigned freq. band

C6a Polarization type

C6b Polarization angle

C8d2 Contiguous bandwidth

C11a3 Service area diagram

C1 Frequency Range	
C1a Lower limit	C1b Upper limit
400	405
MHz	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 53K7F1DBN	0	-46.1	0		-46.1				

C7b Carrier frequency of the emissions (53K7F1DBN)									
401	MHz								

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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.		
CUPID BUGS	S	071W06 20	42N20 57	USA	1	TD	CV	14.4	34.4	137		

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.
CUPID BUGS							2

13C Remarks

BR22 Administration remarks

BR23 Radiocommunication Bureau comments