



UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS
BUREAU DES RADIOCOMMUNICATIONS

INTERNATIONAL TELECOMMUNICATION UNION
RADIOCOMMUNICATION BUREAU

UNIÓN INTERNACIONAL DE TELECOMUNICACIONES
OFICINA DE RADIOCOMUNICACIONES

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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		MEXSAT 116.8 KU EXT		PARTIE PART PARTE		III-S					
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		---		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA		2757 / 12.11.2013					
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE		MEX		LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL		116.8 W		NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN		113512012	
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL								24.05.2013			

Assignations de fréquence retournées à l'administration notificatrice au titre de		Frequency assignments returned to the notifying Administration under		Asignaciones de frecuencia devueltas a la Administración notificante en virtud del	
X	Article 11 du Règlement des radiocommunications	X	Article 11 of the Radio Regulations	X	Artículo 11 del Reglamento de Radiocomunicaciones
	Article 5 des Appendices 30 et/ou 30A		Article 5 of Appendices 30 and/or 30A		Artículo 5 de los Apéndices 30 y/o 30A
	Article 8 de l'Appendice 30B		Article 8 of Appendix 30B		Artículo 8 del Apéndice 30B

Pour plus d'informations sur les dispositions réglementaires et l'explication des codes ou symboles utilisés dans cette publication, veuillez consulter la Préface .	For more details on the regulatory provisions and the explanation of the codes or symbols used in this publication, please consult the Preface .	Para más detalles sobre las disposiciones reglamentarias y la explicación de los códigos o símbolos utilizados en esta publicación, sírvase consultar el Prefacio .
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国际电信联盟
无线电通信局

МЕЖДУНАРОДНЫЙ СОЮЗ ЭЛЕКТРОСВЯЗИ
БЮРО РАДИОСВЯЗИ

الاتحاد الدولي للاتصالات
مكتب الاتصالات الراديوية

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卫星网络 СПУТНИКОВАЯ СЕТЬ الشبكة الساتلية	MEXSAT 116.8 KU EXT	部分 ЧАСТЬ الجزء	III-S
地球站 ЗЕМНАЯ СТАНЦИЯ المحطة الأرضية	---	无线电通信局国际频率信息通报 / 日期 ИФИК БР / ДАТА النشرة الإعلامية الدولية للترددات / رقمها وتاريخها	2757 / 12.11.2013
负责主管部门 ОТВЕТСТВЕННАЯ АДМ. الإدارة المسؤولة	MEX	标称经度 НОМИНАЛЬНАЯ ДОЛГОТА خط الطول الاسمي	116.8 W
		识别号 ИДЕНТИФИКАЦИОННЫЙ НОМЕР رقم تعرف الهوية	113512012
通信局收到资料的日期 / ДАТА ПОЛУЧЕНИЯ ИНФОРМАЦИИ БЮРО / معلومات استلمها المكتب في			24.05.2013

根据以下条款退回发出通知主管部门的频率指配		Частотные присвоения, возвращенные заявляющей администрации согласно		تخصيصات تردد أعيدت إلى الإدارة المبلغة بموجب	
X	《无线电规则》第11条	X	Статья 11 Регламента радиосвязи	المادة 11 من لوائح الراديو	X
	附录30和/或30A第5条		Статья 5 Приложений 30 и/или 30A	المادة 5 من التذييلين 30 و/أو 30A	
	附录30B第8条		Статья 8 Приложения 30B	المادة 8 من التذييل 30B	

欲更详细了解本公报资料中使用的规则性条款和代码或符号的说明，请查阅 前言 。	Более подробная информация о регламентарных положениях и разъяснение кодов либо обозначений, используемых в настоящей публикации, содержится в Предисловии .	يرجى الرجوع إلى المقدمة للاطلاع على مزيد من التفاصيل الخاصة بالأحكام التنظيمية وتفسير الرموز والمعطيات المستعملة في هذا القسم.
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<p>On trouvera la description des éléments de données utilisés dans les publications dans le document:</p> <ul style="list-style-type: none"> - ItemsDescription F.pdf - http://www.itu.int/ITU-R/space/brific/legend/ 	<p>The description of the data items used in the publications can be found in the document:</p> <ul style="list-style-type: none"> - ItemsDescription E.pdf - http://www.itu.int/ITU-R/space/brific/legend/ 	<p>La descripción de los datos empleados en las publicaciones figura en el documento:</p> <ul style="list-style-type: none"> - ItemsDescription S.pdf - http://www.itu.int/ITU-R/space/brific/legend/
<p>出版物中使用的数据项说明，见文件:</p> <ul style="list-style-type: none"> - ItemsDescription C.pdf - http://www.itu.int/ITU-R/space/brific/legend/ 	<p>Описание элементов данных, используемых в данной публикации, содержится в документе:</p> <ul style="list-style-type: none"> - ItemsDescription R.pdf - http://www.itu.int/ITU-R/space/brific/legend/ 	<p>يمكن الاطلاع على وصف عناصر المعطيات المستعملة في المنشورات في الوثيقة:</p> <p style="text-align: center;">ItemsDescription A.pdf</p> <p style="text-align: center;">http://www.itu.int/ITU-R/space/brific/legend/</p>

A	A1a Sat. Network	MEXSAT 116.8 KU EXT	A1f1 Notifying adm.	MEX	A1f3 Inter. sat. org.		BR1 Date of receipt	24.05.2013	BR20/BR21 BR IFIC no./part	2757/3
	BR6a/BR6b Id. no.	113512012	BR3a/BR3b Provision reference	11.2	N		BR2 Adm. serial no.			

Modification des caractéristiques techniques

Veillez noter que les caractéristiques techniques

	ont été modifiées
X	n'ont pas été modifiées

depuis la publication de la fiche de notification dans la Partie I-S de la BRIFIC 2748 / 09.07.2013.

Changes in Technical Characteristics

Please note that the technical characteristics

	have been modified
X	have not been modified

since the publication of the notice in Part I-S of BRIFIC 2748 / 09.07.2013.

Cambios en las características técnicas

Sírvase tomar nota de que las características técnicas

	se han modificado
X	no se han modificado

desde la publicación de la notificación en la Parte I-S de la BRIFIC 2748 / 09.07.2013.

技术特性的变化

请注意，自BRIFIC 2748 / 09.07.2013 I-S 部分中的通知公布以来，技术特性

	已经修改
X	未经修改

Изменения в технических характеристиках

Просьба учесть, что технические характеристики

	были изменены
X	не были изменены

после публикации заявки в Части I-S BRIFIC 2748 / 09.07.2013.

تغييرات في الخصائص التقنية

يرجى ملاحظة أن الخصائص التقنية

	خضعت للتعديل
X	لم تخضع للتعديل

منذ نشر معلومات بطاقة التبليغ في الجزء I-S من النشرة الإعلامية الدولية للترددات : BRIFIC2748 / 09.07.2013.

PARTIE III-S / PART III-S / PARTE III-S / 第III-S部分 / ЧАСТЬ III-S / III-S الجزء											
A	A1a Sat. Network	MEXSAT 116.8 KU EXT	A1f1 Notifying adm.	MEX	A1f3 Inter. sat. org.		BR1 Date of receipt	24.05.2013	BR20/BR21	BR IFIC no./part	2757/3
	BR6a/BR6b Id. no.	113512012	BR3a/BR3b Provision reference	11.2	N		BR2 Adm. serial no.				

Résumé / Summary / Resumen / 綜述 / Резюме / خلاصة

B1a Beam designation	B2 Emi-Rcp	BR8 Action code	BR7a Group id.	BR9 Action code	13A Conformity with RR	C3a Assigned freq. band	BR47 Frequency band (MHz)		BR15 Provision reference	BR53 Nb of freq.	C4a Class of station	BR54 Nb of emiss.	BR55 Nb of units
RH	R		113641764		N-----	36000	13762	- 13798		1	EC	4	4
			113641767		N-----	36000	13762	- 13798		1	EC	1	1
			113641768		N-----	36000	13762	- 13798		1	EC	1	1
			113641771		N-----	36000	13762	- 13798		1	EC	1	1
			113641773		N-----	36000	13762	- 13798		1	EC	5	5
			113641774		N-----	36000	13762	- 13798		1	EC	3	3
			113641775		A-N---	36000	13762	- 13798	X/9.7	1	EC	1	1
			113641776		A-N---	36000	13762	- 13798	X/9.7	1	EC	1	1
			113641778		N-----	36000	13762	- 13798		1	EC	1	1
			113641780		N-----	36000	13762	- 13798		1	EC	1	1
			113688698		N-----	36000	13762	- 13798		1	EC	1	1
			113688699		N-----	36000	13762	- 13798		1	EC	1	1
			113688700		A-N---	36000	13802	- 13998	X/9.7	5	EC	1	5
			113688701		N-----	36000	13762	- 13798		1	EC	1	1
113688702		N-----	36000	13762	- 13798		1	EC	4	4			
RV	R		113641782		N-----	36000	13752	- 13788		1	EC	4	4
			113641784		N-----	36000	13752	- 13788		1	EC	1	1
			113641785		N-----	36000	13752	- 13788		1	EC	1	1
			113641788		N-----	36000	13752	- 13788		1	EC	1	1
			113641790		N-----	36000	13752	- 13788		1	EC	5	5
			113641791		N-----	36000	13752	- 13788		1	EC	3	3
			113641792		A-N---	36000	13752	- 13788	X/9.7	1	EC	1	1
			113641793		A-N---	36000	13752	- 13788	X/9.7	1	EC	1	1
			113641795		N-----	36000	13752	- 13788		1	EC	1	1
			113641797		N-----	36000	13752	- 13788		1	EC	1	1
			113688703		N-----	36000	13752	- 13788		1	EC	1	1
			113688704		N-----	36000	13752	- 13788		1	EC	1	1
			113688705		A-N---	36000	13792	- 13988	X/9.7	5	EC	1	5
			113688706		N-----	36000	13752	- 13788		1	EC	1	1
113688707		N-----	36000	13752	- 13788		1	EC	4	4			
TH	E		113641754		A-N---	36000	11452	- 11688	X/9.7	6	EC	6	36
			113641756		A-N---	36000	11452	- 11688	X/9.7	6	EC	2	12
			113641757		A-N---	36000	11452	- 11688	X/9.7	6	EC	3	18
			113641758		A-N---	36000	11452	- 11688	X/9.7	6	EC	2	12
			113641760		A-N---	36000	11452	- 11688	X/9.7	6	EC	3	18
			113641762		A-N---	36000	11452	- 11688	X/9.7	6	EC	2	12
			113688708		N-----	36000	11452	- 11688		6	EC	1	6
			113688709		N-----	36000	11452	- 11688		6	EC	1	6
113688710		N-----	36000	11452	- 11688		6	EC	1	6			
TV	E		113641744		A-N---	36000	11462	- 11698	X/9.7	6	EC	6	36

PARTIE III-S / PART III-S / PARTE III-S / 第III-S部分 / ЧАСТЬ III-S / III-S الجزء											
A	A1a Sat. Network	MEXSAT 116.8 KU EXT	A1f1 Notifying adm.	MEX	A1f3 Inter. sat. org.		BR1 Date of receipt	24.05.2013	BR20/BR21 BR IFIC no./part	2757/3	
	BR6a/BR6b Id. no.	113512012	BR3a/BR3b Provision reference	11.2	N		BR2 Adm. serial no.				

B1a Beam designation	B2 Emi-Rcp	BR8 Action code	BR7a Group id.	BR9 Action code	13A Conformity with RR	C3a Assigned freq. band	BR47 Frequency band (MHz)		BR15 Provision reference	BR53 Nb of freq.	C4a Class of station	BR54 Nb of emiss.	BR55 Nb of units
			113641746		A-N---	36000	11462	- 11698	X/9.7	6	EC	2	12
			113641747		A-N---	36000	11462	- 11698	X/9.7	6	EC	3	18
			113641748		A-N---	36000	11462	- 11698	X/9.7	6	EC	2	12
			113641750		A-N---	36000	11462	- 11698	X/9.7	6	EC	3	18
			113641752		A-N---	36000	11462	- 11698	X/9.7	6	EC	2	12
			113688711		N-----	36000	11462	- 11698	9.7	6	EC	1	6
			113688712		N-----	36000	11462	- 11698		6	EC	1	6
			113688713		N-----	36000	11462	- 11698		6	EC	1	6

Recouvrement des coûts / Cost recovery / Recuperación de costes / 成本回收 / Возмещение расходов / استرداد التكاليف

<p>Il y a lieu de noter, dans le cas d'une fiche de notification qui est publiée à la fois dans la Partie II-S et dans la Partie III-S, qu'un seul droit au titre du recouvrement des coûts s'applique et que les renseignements complets correspondant au recouvrement des coûts seront publiés dans la Partie II-S pour la totalité de la fiche de notification avant qu'elle ne soit scindée en deux.</p>	<p>It should be noted that for a notice that is being published in both Part II-S and Part III-S, only one cost recovery fee applies and the complete corresponding cost recovery-related information will be published in Part II-S for the whole notice before the split.</p>	<p>Cabe señalar que en el caso de las notificaciones que se publican tanto en la Parte II-S como en la Parte III-S, se aplica sólo una vez el canon de recuperación de costes, y la correspondiente información relativa a la recuperación de costes se publicará en la Parte II-S de la notificación completa, antes de efectuarse la división.</p>
<p>应当指出，同时正在第II-S和III-S部分公布的通知，只收取一次成本回收费并且在分开之前，整个通知的相应完整成本回收信息将在第II-S部分公布</p>	<p>Следует отметить, что для заявки, публикуемой как в Части II-S, так и в Части III-S, применяется только один сбор в счет возмещения затрат, и полная соответствующая информация, касающаяся возмещения затрат, будет опубликована в Части II-S для всей заявки до ее разделения.</p>	<p>و جدير بالملاحظة، بالنسبة لتبليغ ينشر في كل من القسم III-S و II-S، أن رسوم استرداد التكاليف لا تستحق سوى مرة واحدة وأن المعلومات الكاملة المتعلقة باسترداد التكاليف المعنية سوف تنشر في القسم II-S للتبليغ بأكمله قبل الانقسام.</p>

A	A1a Sat. Network	MEXSAT 116.8 KU EXT	A1f1 Notifying adm.	MEX	A1f3 Inter. sat. org.		BR1 Date of receipt	24.05.2013	BR20/BR21 BR IFIC no./part	2757/3
	BR6a/BR6b Id. no.	113512012	BR3a/BR3b Provision reference	11.2	N		BR2 Adm. serial no.		RH	R

BR19 Ref. to BR IFIC I A1f2 Submitted on behalf A4a1 Orbital long. BR61 Original orb. long. A4a2a East Long. tolerance limit A4a2b West Long. tolerance limit A4a2c Inclination excursion A17a Compliance with PFD limit dB(W/(m²·1MHz)) in the band 1164 - 1215 MHz A17b1 Calculated aggregate PFD value in the band 4990.0 - 5000.0 MHz dB(W/(m²·10 MHz))A17b2 Calculated aggregate PFD value in the band 5030.0 - 5150.0 MHz dB(W/(m²·150 kHz))A17d Mean PFD in the band 35.5 - 36.0 GHz dB(W/(m²·1 MHz))A17e2a Calculated PFD value in the band 42.5 - 43.5 GHz at RA SDT dB(W/(m²·1 GHz))A17e2b Calculated PFD value in the band 42.5 - 43.5 GHz at RA SDT dB(W/(m²·500 kHz))A17e2c Calculated PFD value in the band 42.5 - 43.5 GHz at RA VLBI dB(W/(m²·500 kHz))A16a Compliance with off-axis power limitation A18a Aircraft earth station commitment B1a/BR17 Beam designation B1b Steerable B2 Emi-Rcp B3a1 Max. co-polar gain B3d Pointing accuracy B3b1 Co-polar ant. gain contours diag. B3e Ant. gain vs orbit long. diag.

B3c1 Co-polar antenna pattern

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

BR7a/BR7b Group id. BR1 Date of receipt C2c RR No. 4.4 A2a Date of bringing into use A2b Period of valid. A3a Op. agency A3b Adm. resp. BR16 Value of type C8b 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 C5a Noise temperature C4b Nature of service C6a Polarization type C6b Polarization angle C11a1 Service area no. C11a2 Service area C11a3 Service area diagram A5/A6 Coordinations/Agreements

C2a1 Assigned frequency

13.78 GHz

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.
	API/A /4369 CR/C /2315	1	39K6G7W--	7.5	-38.5	7.5		-38.5		15.3
	2	22K6G7W--	5.1	-38.5	5.1		-38.5		15.3	
	3	9K89G7W--	1.5	-38.5	1.5		-38.5		15.3	
	4	3K39G7W--	-9.6	-44.9	-9.6		-44.9		15.2	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwidth		C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TIPICA 1.8 MEX	T			1	TC CO	46.46	0.84		1.8				
				2	TC CP								
				3	TC CR								

A A1a Sat. Network MEXSAT 116.8 KU EXT A1f1 Notifying adm. MEX A1f3 Inter. sat. org. BR1 Date of receipt 24.05.2013 BR20/BR21 BR IFIC no./part 2757/3
 BR6a/BR6b Id. no. 113512012 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no. RH R

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.
TIPICA 1.8 MEX	A-25*LOG (FI)	32					

Findings 2D Date of protection 13A Conformity with RR N- -- -- 13B1 Provision X/5.503 13B2 Remarks 13B3 Date of Review
 13C Remarks

BR7a/BR7b Group id. 113641767 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4
 A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b
 BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49
 BR14 Special Section
 C4a Class of station EC EC EC C3a Assigned freq. band 36000 C5a Noise temperature 630
 C4b Nature of service CP CR CO C6a Polarization type H C6b Polarization angle
 C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram 10

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency										
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.
API/A /4369	CR/C /2315	1 79K2G7W--	-3	-52	-3		-52		15.3	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwidth	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TIPICA 3.2 MEX	T			1 TC CO 2 TC CP 3 TC CR	51.46	0.47	3.2				

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.
TIPICA 3.2 MEX	A-25*LOG (FI)	32					

Findings 2D Date of protection 13A Conformity with RR N- -- -- 13B1 Provision X/5.503 13B2 Remarks 13B3 Date of Review
 13C Remarks

BR7a/BR7b Group id. 113641768 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4
 A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b
 BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49
 BR14 Special Section
 C4a Class of station EC EC EC C3a Assigned freq. band 36000 C5a Noise temperature 630
 C4b Nature of service CP CR CO C6a Polarization type H C6b Polarization angle
 C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram 10

PARTIE III-S / PART III-S / PARTE III-S / 第III-S部分 / ЧАСТЬ III-S / III-S الجزء

A1a Sat. Network A1f1 Notifying adm. A1f3 Inter. sat. org. BR1 Date of receipt BR20/BR21 BR IFIC no./part

BR6a/BR6b Id. no. BR3a/BR3b Provision reference N BR2 Adm. serial no. RH

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency									
13.78	GHz								

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.
API/A /4369 CR/C /2315	1 25K4F3W--	-3	-47.1	-3		-47.1		16.4	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwidth	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TIPICA 3.2 MEX	T			1 TC CO 2 TC CP 3 TC CR	51.46	0.47	3.2				

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.
TIPICA 3.2 MEX	A-25*LOG(FI)	32					

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

13C Remarks

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

A2a Date of bringing into use A2b Period of valid. A3a Op. agency A3b Adm. resp. BR16 Value of type C8b

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 C5a Noise temperature

C4b Nature of service C6a Polarization type C6b Polarization angle

C11a1 Service area no. C11a2 Service area C11a3 Service area diagram

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency									
13.78	GHz								

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.
API/A /4369 CR/C /2315	1 90K5G7W--	-0.2	-49.8	-0.2		-49.8		15.3	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwidth	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TIPICA 3.8 MEX	T			1 TC CO 2 TC CP 3 TC CR	52.95	0.4	3.8				

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.
TIPICA 3.8 MEX	A-25*LOG(FI)	32					



A A1a Sat. Network MEXSAT 116.8 KU EXT A1f1 Notifying adm. MEX A1f3 Inter. sat. org. BR1 Date of receipt 24.05.2013 BR20/BR21 BR IFIC no./part 2757/3
 BR6a/BR6b Id. no. 113512012 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no. RH R

Findings 2D Date of protection 13A Conformity with RR N- -- -- 13B1 Provision X/5.503 13B2 Remarks 13B3 Date of Review
 13C Remarks

BR7a/BR7b Group id. 113641773 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4
 A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b
 BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49
 BR14 Special Section
 C4a Class of station EC EC EC C3a Assigned freq. band 36000 C5a Noise temperature 630
 C4b Nature of service CP CR CO C6a Polarization type H C6b Polarization angle
 C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram 10

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency
 13.78 GHz

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.
API/A /4369	1 31M0F3F--	38.3	-27.6	24.3		-41.6		18.5	
CR/C /2315	2 18M0F8F--	27.9	-35.6	23.9		-39.6		18.5	
	3 12M4F8W--	25.1	-37.6	22.1		-40.6		14	
	4 271KG7W--	3.3	-51	3.3		-51		15.3	
	5 25K4F3W--	18.1	-25.9	1.1		-42.9		16.4	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwidth	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TIPICA 4.6 MEX	T			1 TC CO 2 TC CP 3 TC CR	54.61	0.33	4.6				

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.
TIPICA 4.6 MEX	A-25*LOG(FI)	32					

Findings 2D Date of protection 13A Conformity with RR N- -- -- 13B1 Provision X/5.503 13B2 Remarks 13B3 Date of Review
 13C Remarks

BR7a/BR7b Group id. 113641774 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4
 A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b
 BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49
 BR14 Special Section
 C4a Class of station EC EC EC C3a Assigned freq. band 36000 C5a Noise temperature 630
 C4b Nature of service CP CR CO C6a Polarization type H C6b Polarization angle
 C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram 10

A5/A6 Coordinations/Agreements

A	A1a Sat. Network	MEXSAT 116.8 KU EXT	A1f1 Notifying adm.	MEX	A1f3 Inter. sat. org.		BR1 Date of receipt	24.05.2013	BR20/BR21 BR IFIC no./part	2757/3
	BR6a/BR6b Id. no.	113512012	BR3a/BR3b Provision reference	11.2	N		BR2 Adm. serial no.		RH	R

C2a1 Assigned frequency													
13.78	GHz												
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.		
API/A	/4369	1	20M7F8W--	25.6	-39.3	22.1		-42.8		14			
CR/C	/2315	2	317KG7W--	5	-50	2.7		-52.3		15.3			
		3	25K4F3W--	19.4	-24.6	1.4		-42.6		16.4			
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwidth	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TIPICA 5.6 MEX	T				1 TC	CO	56.32	0.27	5.6				
					2 TC	CP							
					3 TC	CR							
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.						
TIPICA 5.6 MEX	A-25*LOG(FI)	32											
Findings	2D Date of protection		13A Conformity with RR	N- -- --	13B1 Provision	X/5.503	13B2 Remarks		13B3 Date of Review		13C Remarks		

BR7a/BR7b Group id.	113641775	BR1 Date of receipt	24.05.2013	C2c RR No. 4.4	
A2a Date of bringing into use	15.09.2013	A2b Period of valid.	25	A3a Op. agency	124
A3b Adm. resp.	A	BR16 Value of type C8b		BR62 Expiry date for bringing into use	24.10.2013
BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49		BR14 Special Section	
C4a Class of station	EC EC EC	C3a Assigned freq. band	36000	C5a Noise temperature	630
C4b Nature of service	CP CR CO	C6a Polarization type	H	C6b Polarization angle	
C11a1 Service area no.	1	C11a2 Service area		C11a3 Service area diagram	10
A5/A6 Coordinations/Agreements	X/9.7	X			

C2a1 Assigned frequency													
13.78	GHz												
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.		
API/A	/4369	1	724KG7W--	6.2	-52.4	4.1		-54.5		15.3			
CR/C	/2315												
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwidth	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TIPICA 6.4 MEX	T				1 TC	CO	57.48	0.24	6.4				
					2 TC	CP							
					3 TC	CR							
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.						
TIPICA 6.4 MEX	A-25*LOG(FI)	32											

A1 Sat. Network A1f1 Notifying adm. A1f3 Inter. sat. org. BR1 Date of receipt BR20/BR21 BR IFIC no./part
 BR6a/BR6b Id. no. BR3a/BR3b Provision reference N BR2 Adm. serial no. RH R

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

BR7a/BR7b Group id. BR1 Date of receipt C2c RR No. 4.4
 A2a Date of bringing into use A2b Period of valid. A3a Op. agency A3b Adm. resp. BR16 Value of type C8b
 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 C5a Noise temperature
 C4b Nature of service C6a Polarization type C6b Polarization angle
 C11a1 Service area no. C11a2 Service area C11a3 Service area diagram
 A5/A6 Coordinations/Agreements

C2a1 Assigned frequency											
13.78	GHz										
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.
API/A /4369	CR/C /2315	1	950KG7W--	7.7	-52.1	3.8		-56		15.3	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwdth	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TIPICA 7.6 MEX	T			1 TC 2 TC 3 TC	58.97	0.2	7.6				
				CO CP CR							

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.
TIPICA 7.6 MEX	A-25*LOG (FI)	32					

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

BR7a/BR7b Group id. BR1 Date of receipt C2c RR No. 4.4
 A2a Date of bringing into use A2b Period of valid. A3a Op. agency A3b Adm. resp. BR16 Value of type C8b
 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 C5a Noise temperature
 C4b Nature of service C6a Polarization type C6b Polarization angle
 C11a1 Service area no. C11a2 Service area C11a3 Service area diagram
 A5/A6 Coordinations/Agreements

C2a1 Assigned frequency									
13.78	GHz								

A	A1a Sat. Network	MEXSAT 116.8 KU EXT	A1f1 Notifying adm.	MEX	A1f3 Inter. sat. org.		BR1 Date of receipt	24.05.2013	BR20/BR21 BR IFIC no./part	2757/3
	BR6a/BR6b Id. no.	113512012	BR3a/BR3b Provision reference	11.2	N	BR2 Adm. serial no.			RH	R

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.
API/A	/4369	1	25K4F3W--	9.2	-34.9	4.1		-39.9		16.4	
CR/C	/2315										

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwdth	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TIPICA 9.0 MEX	T				1	TC	60.44	0.17	9				
					2	TC							
					3	TC							

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.
TIPICA 9.0 MEX	A-25*LOG(FI)	32					

Findings	2D Date of protection		13A Conformity with RR	N- -- --	13B1 Provision	X/5.503	13B2 Remarks		13B3 Date of Review	
13C Remarks										

BR7a/BR7b Group id.	113641780	BR1 Date of receipt	24.05.2013	C2c RR No. 4.4	
A2a Date of bringing into use	15.09.2013	A2b Period of valid.	25	A3a Op. agency	124
A3b Adm. resp.	A	BR16 Value of type C8b			
BR62 Expiry date for bringing into use	24.10.2013	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49	
BR14 Special Section					
C4a Class of station	EC EC EC	C3a Assigned freq. band	36000	C5a Noise temperature	630
C4b Nature of service	CP CR CO	C6a Polarization type	H	C6b Polarization angle	
C11a1 Service area no.	1	C11a2 Service area		C11a3 Service area diagram	10

A5/A6 Coordinations/Agreements			
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C2a1 Assigned frequency										
13.78	GHz									

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.
API/A	/4369	1	25K4F3W--	10.9	-33.1	0.3		-43.7		16.4	
CR/C	/2315										

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwdth	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TIPICA 11.0 MEX	T				1	TC	62.19	0.14	11				
					2	TC							
					3	TC							

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.
TIPICA 11.0 MEX	A-25*LOG(FI)	32					

Findings	2D Date of protection		13A Conformity with RR	N- -- --	13B1 Provision	X/5.503	13B2 Remarks		13B3 Date of Review	
13C Remarks										

A	A1a Sat. Network	MEXSAT 116.8 KU EXT	A1f1 Notifying adm.	MEX	A1f3 Inter. sat. org.		BR1 Date of receipt	24.05.2013	BR20/BR21 BR IFIC no./part	2757/3
	BR6a/BR6b Id. no.	113512012	BR3a/BR3b Provision reference	11.2	N	BR2 Adm. serial no.			RH	R

BR7a/BR7b Group id.	113688698	BR1 Date of receipt	24.05.2013	C2c RR No. 4.4	
A2a Date of bringing into use	15.09.2013	A2b Period of valid.	25	A3a Op. agency	124
		A3b Adm. resp.	A	BR16 Value of type C8b	
BR62 Expiry date for bringing into use	24.10.2013	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49	
BR14 Special Section					
C4a Class of station	EC EC EC	C3a Assigned freq. band	36000	C5a Noise temperature	630
C4b Nature of service	CP CR CO	C6a Polarization type	H	C6b Polarization angle	
C11a1 Service area no.	1	C11a2 Service area		C11a3 Service area diagram	10

A5/A6 Coordinations/Agreements					
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C2a1 Assigned frequency													
13.78	GHz												
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 25K4F3W--	-9.6	-53.7	-9.6		-53.7		16.4					
API/A /4369 CR/C /2315													
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwidth	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TIPICA 1.8 MEX	T				1 TC CO 2 TC CP 3 TC CR	46.46	0.84		1.8				

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.
TIPICA 1.8 MEX	A-25*LOG(FI)	32					

Findings	2D Date of protection		13A Conformity with RR	N- -- --	13B1 Provision	X/5.503	13B2 Remarks		13B3 Date of Review	
13C Remarks										

BR7a/BR7b Group id.	113688699	BR1 Date of receipt	24.05.2013	C2c RR No. 4.4	
A2a Date of bringing into use	15.09.2013	A2b Period of valid.	25	A3a Op. agency	124
		A3b Adm. resp.	A	BR16 Value of type C8b	
BR62 Expiry date for bringing into use	24.10.2013	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49	
BR14 Special Section					
C4a Class of station	EC EC EC	C3a Assigned freq. band	36000	C5a Noise temperature	630
C4b Nature of service	CP CR CO	C6a Polarization type	H	C6b Polarization angle	
C11a1 Service area no.	1	C11a2 Service area		C11a3 Service area diagram	10

A5/A6 Coordinations/Agreements					
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C2a1 Assigned frequency									
13.78	GHz								
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 25K4F3W--	-0.2	-44.3	-0.2		-44.3		16.4	
API/A /4369									

A A1a Sat. Network MEXSAT 116.8 KU EXT A1f1 Notifying adm. MEX A1f3 Inter. sat. org. BR1 Date of receipt 24.05.2013 BR20/BR21 BR IFIC no./part 2757/3
 BR6a/BR6b Id. no. 113512012 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no. RH R

CR/C /2315

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwidth	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TIPICA 3.8 MEX	T			1 TC 2 TC 3 TC	52.95	0.4	3.8				
				CO CP CR							

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.
TIPICA 3.8 MEX	A-25*LOG(FI)	32					

Findings 2D Date of protection 13A Conformity with RR N- -- -- 13B1 Provision X/5.503 13B2 Remarks 13B3 Date of Review
 13C Remarks

BR7a/BR7b Group id. 113688700 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4
 A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b
 BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49
 BR14 Special Section
 C4a Class of station EC EC EC C3a Assigned freq. band 36000 C5a Noise temperature 630
 C4b Nature of service CP CR CO C6a Polarization type H C6b Polarization angle
 C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram 10
 A5/A6 Coordinations/Agreements X/9.7 X

C2a1 Assigned frequency																			
13.82	GHZ	13.86	GHZ	13.9	GHZ	13.94	GHZ	13.98	GHZ										
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.	
API/A	/4369	1	25K4F3W--	-0.2	-44.3	-0.2	-44.3	16.4											
CR/C	/2315																		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwidth	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TIPICA 3.8 MEX	T			1 TC 2 TC 3 TC	52.95	0.4	3.8				
				CO CP CR							

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.
TIPICA 3.8 MEX	A-25*LOG(FI)	32					

Findings 2D Date of protection 13A Conformity with RR A- N- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review
 13C Remarks

BR7a/BR7b Group id. 113688701 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4
 A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b

A A1a Sat. Network MEXSAT 116.8 KU EXT A1f1 Notifying adm. MEX A1f3 Inter. sat. org. BR1 Date of receipt 24.05.2013 BR20/BR21 BR IFIC no./part 2757/3
 BR6a/BR6b Id. no. 113512012 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no. RH R

BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49

BR14 Special Section

C4a Class of station

EC EC EC

C3a Assigned freq. band 36000

C5a Noise temperature 630

C4b Nature of service

CP CR CO

C6a Polarization type H

C6b Polarization angle

C11a1 Service area no. 1

C11a2 Service area

C11a3 Service area diagram 10

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency

13.78 GHz

A13
Ref. to Special Sections

API/A /4369

CR/C /2315

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.

C10b1
Assoc. earth station id.C10b2
TypeC10c1
Geographical coord.C10c2
CtryC10d1/C10d2
Cls. / Nat.C10d3
Max. iso.
gainC10d4
BmwidthC10d7
Ant. diameterC10d9
Ant. dim.
(DGSO)C8g1
Max. aggr.
pwr.C8g2
Aggr.
bandwidthC8g3
Transp. bandwidth =
Aggr. bandwidth

TIPICA 6.4 MEX

T

1 TC CO

57.48

0.24

6.4

2 TC CP

3 TC CR

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.

TIPICA 6.4 MEX

A-25*LOG(FI)

32

Findings 2D Date of protection

13A Conformity with RR N- -- --

13B1 Provision X/5.503

13B2 Remarks

13B3 Date of Review

13C Remarks

BR7a/BR7b Group id.

113688702

BR1 Date of receipt 24.05.2013

C2c RR No. 4.4

A2a Date of bringing into use 15.09.2013

A2b Period of valid. 25

A3a Op. agency 124

A3b Adm. resp. A

BR16 Value of type C8b

BR62 Expiry date for bringing into use 24.10.2013

BR63 Confirmed date of bringing into use

BR64 Date of receipt of 1st Res49

BR14 Special Section

C4a Class of station

EC EC EC

C3a Assigned freq. band 36000

C5a Noise temperature 630

C4b Nature of service

CP CR CO

C6a Polarization type H

C6b Polarization angle

C11a1 Service area no. 1

C11a2 Service area

C11a3 Service area diagram 10

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency

13.78 GHz

A13
Ref. to Special Sections

API/A /4369

CR/C /2315

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 36M0F8W--

24.6

-42

20.6

2 31M0F3F--

34

-32

17.9

3 18M0F8F--

23.6

-40

17.5

4 25K4F3W--

22.8

-21.2

3.8

PARTIE III-S / PART III-S / PARTE III-S / 第III-S部分 / ЧАСТЬ III-S / III-S الجزء													
A	A1a Sat. Network	MEXSAT 116.8 KU EXT	A1f1 Notifying adm.	MEX	A1f3 Inter. sat. org.		BR1 Date of receipt	24.05.2013	BR20/BR21 BR IFIC no./part	2757/3			
BR6a/BR6b Id. no.		113512012	BR3a/BR3b Provision reference		11.2	N	BR2 Adm. serial no.			RH	R		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwidth		C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TIPICA 7.6 MEX	T				1 TC	CO	58.97	0.2		7.6				
					2 TC	CP								
					3 TC	CR								

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.
TIPICA 7.6 MEX	A-25*LOG (FI)	32					

Findings	2D Date of protection		13A Conformity with RR	N- -- --	13B1 Provision	X/5.503	13B2 Remarks		13B3 Date of Review	
13C Remarks										

B1a/BR17 Beam designation	RV	B1b Steerable		B2 Emi-Rcp	R	B3a1 Max. co-polar gain	35	B3d Pointing accuracy	0.09
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B3b1 Co-polar ant. gain contours diag.	1	B3e Ant. gain vs orbit long. diag.	2
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B3c1 Co-polar antenna pattern				
Co-polar ref. pattern	Coef. A	Coef. B		Co-polar rad. diag.

BR7a/BR7b Group id.	113641782	BR1 Date of receipt	24.05.2013	C2c RR No. 4.4	
A2a Date of bringing into use	15.09.2013	A2b Period of valid.	25	A3a Op. agency	124
		A3b Adm. resp.	A	BR16 Value of type C8b	
BR62 Expiry date for bringing into use	24.10.2013	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49	
BR14 Special Section					
C4a Class of station	EC EC EC	C3a Assigned freq. band	36000	C5a Noise temperature	630
C4b Nature of service	CP CR CO	C6a Polarization type	V	C6b Polarization angle	
C11a1 Service area no.	1	C11a2 Service area		C11a3 Service area diagram	10

A5/A6 Coordinations/Agreements	
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C2a1 Assigned frequency										
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.	
13.77 GHz	1 39K6G7W--	7.5	-38.5	7.5		-38.5		15.3		
API/A /4369	2 22K6G7W--	5.1	-38.5	5.1		-38.5		15.3		
CR/C /2315	3 9K89G7W--	1.5	-38.5	1.5		-38.5		15.3		
	4 3K39G7W--	-9.6	-44.9	-9.6		-44.9		15.3		

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwidth		C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TIPICA 1.8 MEX	T				1 TC	CO	46.46	0.84		1.8				
					2 TC	CP								
					3 TC	CR								

A A1a Sat. Network MEXSAT 116.8 KU EXT A1f1 Notifying adm. MEX A1f3 Inter. sat. org. BR1 Date of receipt 24.05.2013 BR20/BR21 BR IFIC no./part 2757/3
 BR6a/BR6b Id. no. 113512012 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no. RV R

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.
TIPICA 1.8 MEX	A-25*LOG(FI)	32					

Findings 2D Date of protection 13A Conformity with RR N- -- -- 13B1 Provision X/5.503 13B2 Remarks 13B3 Date of Review
 13C Remarks

BR7a/BR7b Group id. 113641784 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4
 A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b
 BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49
 BR14 Special Section
 C4a Class of station EC EC EC C3a Assigned freq. band 36000 C5a Noise temperature 630
 C4b Nature of service CP CR CO C6a Polarization type V C6b Polarization angle
 C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram 10

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency										
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.
API/A /4369	CR/C /2315	1 25K4F3W--	-3	-47.1	-3		-47.1		16.4	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwidth	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TIPICA 3.2 MEX	T			1 TC CO 2 TC CP 3 TC CR	51.46	0.47	3.2				

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.
TIPICA 3.2 MEX	A-25*LOG(FI)	32					

Findings 2D Date of protection 13A Conformity with RR N- -- -- 13B1 Provision X/5.503 13B2 Remarks 13B3 Date of Review
 13C Remarks

BR7a/BR7b Group id. 113641785 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4
 A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b
 BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49
 BR14 Special Section
 C4a Class of station EC EC EC C3a Assigned freq. band 36000 C5a Noise temperature 630
 C4b Nature of service CP CR CO C6a Polarization type V C6b Polarization angle
 C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram 10

A	A1a Sat. Network	MEXSAT 116.8 KU EXT	A1f1 Notifying adm.	MEX	A1f3 Inter. sat. org.		BR1 Date of receipt	24.05.2013	BR20/BR21 BR IFIC no./part	2757/3
	BR6a/BR6b Id. no.	113512012	BR3a/BR3b Provision reference	11.2	N		BR2 Adm. serial no.		RV	R

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency										
13.77	GHz									

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.
API/A	/4369	1	79K2G7W--	-3	-52	-3			-52	15.3
CR/C	/2315									

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwidth	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TIPICA 3.2 MEX	T			1 TC CO 2 TC CP 3 TC CR	51.46	0.47	3.2				

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.
TIPICA 3.2 MEX	A-25*LOG(FI)	32					

Findings	2D Date of protection	13A Conformity with RR	N- -- --	13B1 Provision	X/5.503	13B2 Remarks	13B3 Date of Review
13C Remarks							

BR7a/BR7b Group id.	113641788	BR1 Date of receipt	24.05.2013	C2c RR No. 4.4					
A2a Date of bringing into use	15.09.2013	A2b Period of valid.	25	A3a Op. agency	124	A3b Adm. resp.	A	BR16 Value of type C8b	
BR62 Expiry date for bringing into use	24.10.2013	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49					
BR14 Special Section									
C4a Class of station	EC EC EC	C3a Assigned freq. band	36000	C5a Noise temperature	630				
C4b Nature of service	CP CR CO	C6a Polarization type	V	C6b Polarization angle					
C11a1 Service area no.	1	C11a2 Service area		C11a3 Service area diagram	10				

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency										
13.77	GHz									

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.
API/A	/4369	1	90K5G7W--	-0.2	-49.8	-0.2			-49.8	15.3
CR/C	/2315									

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwidth	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TIPICA 3.8 MEX	T			1 TC CO 2 TC CP 3 TC CR	52.95	0.4	3.8				

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.
TIPICA 3.8 MEX	A-25*LOG(FI)	32					

A A1a Sat. Network MEXSAT 116.8 KU EXT A1f1 Notifying adm. MEX A1f3 Inter. sat. org. BR1 Date of receipt 24.05.2013 BR20/BR21 BR IFIC no./part 2757/3
 BR6a/BR6b Id. no. 113512012 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no. RV R

Findings 2D Date of protection 13A Conformity with RR N- -- -- 13B1 Provision X/5.503 13B2 Remarks 13B3 Date of Review
 13C Remarks

BR7a/BR7b Group id. 113641790 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4
 A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b
 BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49
 BR14 Special Section
 C4a Class of station EC EC EC C3a Assigned freq. band 36000 C5a Noise temperature 630
 C4b Nature of service CP CR CO C6a Polarization type V C6b Polarization angle
 C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram 10

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency
 13.77 GHz

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.	
API/A /4369	1	31M0F3F--	38.3		-27.6		24.3				-42				18.5			
CR/C /2315	2	18M0F8F--	27.9		-35.6		23.9				-39.6				18.5			
	3	12M4F8W--	25.1		-37.6		22.1				-40.6				14			
	4	271KG7W--	3.3		-51		3.3				-51				15.3			
	5	25K4F3W--	18.1		-25.9		1.1				-42.9				16.4			

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwidth	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
				1	2							
TIPICA 4.6 MEX	T			1	TC	CO	54.61	0.33	4.6			
				2	TC	CP						
				3	TC	CR						

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.
TIPICA 4.6 MEX	A-25*LOG(FI)	32					

Findings 2D Date of protection 13A Conformity with RR N- -- -- 13B1 Provision X/5.503 13B2 Remarks 13B3 Date of Review
 13C Remarks

BR7a/BR7b Group id. 113641791 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4
 A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b
 BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49
 BR14 Special Section
 C4a Class of station EC EC EC C3a Assigned freq. band 36000 C5a Noise temperature 630
 C4b Nature of service CP CR CO C6a Polarization type V C6b Polarization angle
 C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram 10

A5/A6 Coordinations/Agreements

A	A1a Sat. Network	MEXSAT 116.8 KU EXT	A1f1 Notifying adm.	MEX	A1f3 Inter. sat. org.		BR1 Date of receipt	24.05.2013	BR20/BR21 BR IFIC no./part	2757/3
	BR6a/BR6b Id. no.	113512012	BR3a/BR3b Provision reference	11.2	N		BR2 Adm. serial no.		RV	R

C2a1 Assigned frequency													
13.77	GHz												
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.		
API/A	/4369	1	20M7F8W--	25.6	-39.3	22.1		-42.8		14			
CR/C	/2315	2	317KG7W--	5	-50	2.7		-52.3		15.3			
		3	25K4F3W--	19.4	-24.6	1.4		-42.6		16.4			
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwidth	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TIPICA 5.6 MEX	T				1 TC CO	56.32	0.27		5.6				
					2 TC CP								
					3 TC CR								
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.						
TIPICA 5.6 MEX	A-25*LOG(FI)	32											
Findings	2D Date of protection		13A Conformity with RR	N- -- --	13B1 Provision	X/5.503	13B2 Remarks		13B3 Date of Review				
13C Remarks													

BR7a/BR7b Group id.	113641792	BR1 Date of receipt	24.05.2013	C2c RR No. 4.4	
A2a Date of bringing into use	15.09.2013	A2b Period of valid.	25	A3a Op. agency	124
A3b Adm. resp.	A	BR16 Value of type C8b		BR62 Expiry date for bringing into use	24.10.2013
BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49		BR14 Special Section	
C4a Class of station	EC EC EC	C3a Assigned freq. band	36000	C5a Noise temperature	630
C4b Nature of service	CP CR CO	C6a Polarization type	V	C6b Polarization angle	
C11a1 Service area no.	1	C11a2 Service area		C11a3 Service area diagram	10
A5/A6 Coordinations/Agreements	X/9.7	X			

C2a1 Assigned frequency													
13.77	GHz												
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.		
API/A	/4369	1	724KG7W--	6.2	-52.4	4.1		-54.5		15.3			
CR/C	/2315												
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwidth	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TIPICA 6.4 MEX	T				1 TC CO	57.48	0.24		6.4				
					2 TC CP								
					3 TC CR								
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.						
TIPICA 6.4 MEX	A-25*LOG(FI)	32											

A A1a Sat. Network MEXSAT 116.8 KU EXT A1f1 Notifying adm. MEX A1f3 Inter. sat. org. BR1 Date of receipt 24.05.2013 BR20/BR21 BR IFIC no./part 2757/3
 BR6a/BR6b Id. no. 113512012 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no. RV R

Findings 2D Date of protection 13A Conformity with RR A- N- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review
 13C Remarks

BR7a/BR7b Group id. 113641793 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4
 A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b
 BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49
 BR14 Special Section
 C4a Class of station EC EC EC C3a Assigned freq. band 36000 C5a Noise temperature 630
 C4b Nature of service CP CR CO C6a Polarization type V C6b Polarization angle
 C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram 10
 A5/A6 Coordinations/Agreements X/9.7 X

C2a1 Assigned frequency
 13.77 GHz

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.
API/A /4369 CR/C /2315	1 950KG7W--	7.7	-52.1	3.8		-56		15.3	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwidth	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TIPICA 7.6 MEX	T			1 TC CO 2 TC CP 3 TC CR	58.97	0.2	7.6				

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.
TIPICA 7.6 MEX	A-25*LOG (FI)	32					

Findings 2D Date of protection 13A Conformity with RR A- N- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review
 13C Remarks

BR7a/BR7b Group id. 113641795 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4
 A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b
 BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49
 BR14 Special Section
 C4a Class of station EC EC EC C3a Assigned freq. band 36000 C5a Noise temperature 630
 C4b Nature of service CP CR CO C6a Polarization type V C6b Polarization angle
 C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram 10
 A5/A6 Coordinations/Agreements

C2a1 Assigned frequency
 13.77 GHz

A	A1a Sat. Network	MEXSAT 116.8 KU EXT	A1f1 Notifying adm.	MEX	A1f3 Inter. sat. org.		BR1 Date of receipt	24.05.2013	BR20/BR21 BR IFIC no./part	2757/3
	BR6a/BR6b Id. no.	113512012	BR3a/BR3b Provision reference	11.2	N	BR2 Adm. serial no.			RV	R

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.	
API/A	/4369	1	25K4F3W--	9.2		-34.9		4.1				-39.9				16.4			
CR/C	/2315																		
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwdth		C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth					
TIPICA 9.0 MEX	T				1 TC 2 TC 3 TC	CO CP CR	60.44	0.17		9									
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.						
TIPICA 9.0 MEX	A-25*LOG(FI)		32																
Findings	2D Date of protection		13A Conformity with RR		N- -- --		13B1 Provision		X/5.503		13B2 Remarks		13B3 Date of Review						
13C Remarks																			

BR7a/BR7b Group id.	113641797	BR1 Date of receipt	24.05.2013	C2c RR No. 4.4	
A2a Date of bringing into use	15.09.2013	A2b Period of valid.	25	A3a Op. agency	124
A3b Adm. resp.	A	BR16 Value of type C8b			
BR62 Expiry date for bringing into use	24.10.2013	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49	
BR14 Special Section					
C4a Class of station	EC EC EC	C3a Assigned freq. band	36000	C5a Noise temperature	630
C4b Nature of service	CP CR CO	C6a Polarization type	V	C6b Polarization angle	
C11a1 Service area no.	1	C11a2 Service area		C11a3 Service area diagram	10
A5/A6 Coordinations/Agreements					

C2a1 Assigned frequency																	
13.77	GHz																
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.		C8e1 C/N ratio		C8e2 Attch.	
API/A	/4369	1	25K4F3W--	10.9		-33.1		0.3				-43.7		16.4			
CR/C	/2315																
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwdth		C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth			
TIPICA 11.0 MEX	T				1 TC 2 TC 3 TC	CO CP CR	62.19	0.14		11							
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.				
TIPICA 11.0 MEX	A-25*LOG(FI)		32														
Findings	2D Date of protection		13A Conformity with RR		N- -- --		13B1 Provision		X/5.503		13B2 Remarks		13B3 Date of Review				
13C Remarks																	

A A1a Sat. Network MEXSAT 116.8 KU EXT A1f1 Notifying adm. MEX A1f3 Inter. sat. org. BR1 Date of receipt 24.05.2013 BR20/BR21 BR IFIC no./part 2757/3
BR6a/BR6b Id. no. 113512012 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no. RV R

BR7a/BR7b Group id. 113688703 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4
A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b
BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49
BR14 Special Section
C4a Class of station EC EC EC C3a Assigned freq. band 36000 C5a Noise temperature 630
C4b Nature of service CR CO CP C6a Polarization type V C6b Polarization angle
C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram 10

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency
13.77 GHz

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.
API/A	/4369	1	25K4F3W--	-9.6	-53.7	-9.6	-53.7		16.4	
CR/C	/2315									

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwidth	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TIPICA 1.8 MEX	T			1 TC CO 2 TC CP 3 TC CR	46.46	0.84	1.8				

C10b1 Assoc. earth station id.		C10d5a Co-polar antenna pattern									
Co-polar ref. pattern		Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.				
TIPICA 1.8 MEX		A-25*LOG(FI)	32								

Findings 2D Date of protection 13A Conformity with RR N- -- -- 13B1 Provision X/5.503 13B2 Remarks 13B3 Date of Review
13C Remarks

BR7a/BR7b Group id. 113688704 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4
A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b
BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49
BR14 Special Section
C4a Class of station EC EC EC C3a Assigned freq. band 36000 C5a Noise temperature 630
C4b Nature of service CP CR CO C6a Polarization type V C6b Polarization angle
C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram 10

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency
13.77 GHz

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.
API/A	/4369	1	25K4F3W--	-0.2	-44.3	-0.2	-44.3		16.4	

A A1a Sat. Network MEXSAT 116.8 KU EXT A1f1 Notifying adm. MEX A1f3 Inter. sat. org. BR1 Date of receipt 24.05.2013 BR20/BR21 BR IFIC no./part 2757/3
 BR6a/BR6b Id. no. 113512012 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no. RV R

CR/C /2315

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwidth	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TIPICA 3.8 MEX	T			1 TC 2 TC 3 TC	52.95	0.4	3.8				
				CO CP CR							

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.
TIPICA 3.8 MEX	A-25*LOG(FI)	32					

Findings 2D Date of protection 13A Conformity with RR N- -- -- 13B1 Provision X/5.503 13B2 Remarks 13B3 Date of Review
 13C Remarks

BR7a/BR7b Group id. 113688705 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4
 A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b
 BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49
 BR14 Special Section
 C4a Class of station EC EC EC C3a Assigned freq. band 36000 C5a Noise temperature 630
 C4b Nature of service CP CR CO C6a Polarization type V C6b Polarization angle
 C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram 10
 A5/A6 Coordinations/Agreements X/9.7 X

C2a1 Assigned frequency

13.81	GHz	13.85	GHz	13.89	GHz	13.93	GHz	13.97	GHz
A13 Ref. to Special Sections									
API/A /4369		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c1 Min. peak pwr	
CR/C /2315		1 25K4F3W--		-0.2		-44.3		-0.2	
								C8c2 Attch.	
								C8c3 Min. pwr dens.	
								-44.3	
								C8c4 Attch.	
								C8e1 C/N ratio	
								16.4	
								C8e2 Attch.	

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwidth	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TIPICA 3.8 MEX	T			1 TC 2 TC 3 TC	52.95	0.4	3.8				
				CO CP CR							

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.
TIPICA 3.8 MEX	A-25*LOG(FI)	32					

Findings 2D Date of protection 13A Conformity with RR A- N- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review
 13C Remarks

BR7a/BR7b Group id. 113688706 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4
 A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b

A A1a Sat. Network MEXSAT 116.8 KU EXT A1f1 Notifying adm. MEX A1f3 Inter. sat. org. BR1 Date of receipt 24.05.2013 BR20/BR21 BR IFIC no./part 2757/3
BR6a/BR6b Id. no. 113512012 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no. RV R

BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49

BR14 Special Section

C4a Class of station

EC EC EC

C3a Assigned freq. band 36000

C5a Noise temperature 630

C4b Nature of service

CP CR CO

C6a Polarization type V

C6b Polarization angle

C11a1 Service area no. 1

C11a2 Service area

C11a3 Service area diagram 10

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency

13.77 GHz

A13
Ref. to Special Sections

API/A /4369

CR/C /2315

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.

C10b1
Assoc. earth station id.C10b2
TypeC10c1
Geographical coord.C10c2
CtryC10d1/C10d2
Cls. / Nat.C10d3
Max. iso.
gainC10d4
BmwidthC10d7
Ant. diameterC10d9
Ant. dim.
(DGSO)C8g1
Max. aggr.
pwr.C8g2
Aggr.
bandwidthC8g3
Transp. bandwidth =
Aggr. bandwidth

TIPICA 6.4 MEX

T

1 TC CO

57.48

0.24

6.4

C10b1
Assoc. earth station id.

Co-polar ref. pattern

Coef. A

Coef. B

Coef. C

Coef. D

Phi1

Co-polar rad. diag.

TIPICA 6.4 MEX

A-25*LOG(FI)

32

Findings 2D Date of protection

13A Conformity with RR N- -- --

13B1 Provision X/5.503

13B2 Remarks

13B3 Date of Review

13C Remarks

BR7a/BR7b Group id. 113688707

BR1 Date of receipt 24.05.2013

C2c RR No. 4.4

A2a Date of bringing into use 15.09.2013

A2b Period of valid. 25

A3a Op. agency 124

A3b Adm. resp. A

BR16 Value of type C8b

BR62 Expiry date for bringing into use 24.10.2013

BR63 Confirmed date of bringing into use

BR64 Date of receipt of 1st Res49

BR14 Special Section

C4a Class of station

EC EC EC

C3a Assigned freq. band 36000

C5a Noise temperature 630

C4b Nature of service

CP CR CO

C6a Polarization type V

C6b Polarization angle

C11a1 Service area no. 1

C11a2 Service area

C11a3 Service area diagram 10

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency

13.77 GHz

A13
Ref. to Special Sections

API/A /4369

CR/C /2315

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 36M0F8W--

24.6

-42

20.6

2 31M0F3F--

34

-32

17.9

3 18M0F8F--

23.6

-40

17.5

-46

18.5

4 25K4F3W--

22.8

-21.2

3.8

-40.2

16.4

A	A1a Sat. Network	MEXSAT 116.8 KU EXT	A1f1 Notifying adm.	MEX	A1f3 Inter. sat. org.		BR1 Date of receipt	24.05.2013	BR20/BR21 BR IFIC no./part	2757/3
	BR6a/BR6b Id. no.	113512012	BR3a/BR3b Provision reference	11.2	N	BR2 Adm. serial no.			RV	R

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwidth		C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TIPICA 7.6 MEX	T			1	TC	CO	58.97	0.2	7.6				
				2	TC	CP							
				3	TC	CR							

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.
TIPICA 7.6 MEX	A-25*LOG (FI)	32					

Findings 2D Date of protection 13A Conformity with RR N- -- -- 13B1 Provision X/5.503 13B2 Remarks 13B3 Date of Review

13C Remarks

B1a/BR17 Beam designation	TH	B1b Steerable	<input type="text"/>	B2 Emi-Rcp	E	B3a1 Max. co-polar gain	34	B3d Pointing accuracy	0.09
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B3b1 Co-polar ant. gain contours diag. 5 B3e Ant. gain vs orbit long. diag. 6

B3c1 Co-polar antenna pattern

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

BR7a/BR7b Group id.	113641754	BR1 Date of receipt	24.05.2013	C2c RR No. 4.4	<input type="text"/>
A2a Date of bringing into use	15.09.2013	A2b Period of valid.	25	A3a Op. agency	124
		A3b Adm. resp.	A	BR16 Value of type C8b	<input type="text"/>
BR62 Expiry date for bringing into use	24.10.2013	BR63 Confirmed date of bringing into use	<input type="text"/>	BR64 Date of receipt of 1st Res49	<input type="text"/>
BR14 Special Section	<input type="text"/>				
C4a Class of station	EC EC EC	C3a Assigned freq. band	36000		
C4b Nature of service	CO CR CP	C6a Polarization type	H	C6b Polarization angle	<input type="text"/>
C8d1 Max. tot. peak pwr.	24.6	C8d2 Contiguous bandwidth	36000		
C11a1 Service area no.	1	C11a2 Service area	<input type="text"/>	C11a3 Service area diagram	9

A5/A6 Coordinations/Agreements	X/9.7	X	
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C2a1 Assigned frequency

11.47	GHz	11.51	GHz	11.55	GHz	11.59	GHz	11.63	GHz	11.67	GHz								
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.	
API/A	/4369	1	18M0F8F--	17.6	-46	-46	17.6	-46	17.6			-46		18.5					
CR/C	/2315	2	4M00F8W--	11	-47	-47	11	-47	11			-47		14					
		3	39K6G7W--	-10	-56	-56	-10	-56	-10			-56		15.3					
		4	22K6G7W--	-12.4	-56	-56	-12.4	-56	-12.4			-56		15.3					
		5	9K89G7W--	-16	-56	-56	-16	-56	-16			-56		15.3					
		6	3K39G7W--	-20.7	-56	-56	-20.7	-56	-20.7			-56		15.3					

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	C10d9 Ant. dim. (DGSO)
TIPICA 1.8 MEX	T			1	TC	CO	44.91	1	127	1.8
				2	TC	CP				

A A1a Sat. Network MEXSAT 116.8 KU EXT A1f1 Notifying adm. MEX A1f3 Inter. sat. org. BR1 Date of receipt 24.05.2013 BR20/BR21 BR IFIC no./part 2757/3
 BR6a/BR6b Id. no. 113512012 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no. TH E

3 TC CR

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.
TIPICA 1.8 MEX	A-25*LOG (FI)	32					

Findings 2D Date of protection 13A Conformity with RR A- N- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review
 13C Remarks

BR7a/BR7b Group id. 113641756 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4
 A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b
 BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49
 BR14 Special Section
 C4a Class of station EC EC EC C3a Assigned freq. band 36000
 C4b Nature of service CO CR CP C6a Polarization type H C6b Polarization angle
 C8d1 Max. tot. peak pwr. 24.6 C8d2 Contiguous bandwidth 36000
 C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram 9
 A5/A6 Coordinations/Agreements X/9.7 X

C2a1 Assigned frequency											
11.47	GHz	11.51	GHz	11.55	GHz	11.59	GHz	11.63	GHz	11.67	GHz

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.
API/A /4369	CR/C /2315	1	7M50F8W--	14	-47	12		-49		14	
		2	90K5G7W--	-6.4	-56	-9.4		-59		15.3	

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	C10d9 Ant. dim. (DGSO)
TIPICA 3.8 MEX	T			1 TC CO 2 TC CP 3 TC CR	51.4	0.48	127	3.8	

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.
TIPICA 3.8 MEX	A-25*LOG (FI)	32					

Findings 2D Date of protection 13A Conformity with RR A- N- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review
 13C Remarks

BR7a/BR7b Group id. 113641757 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4
 A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b
 BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49
 BR14 Special Section

A	A1a Sat. Network	MEXSAT 116.8 KU EXT	A1f1 Notifying adm.	MEX	A1f3 Inter. sat. org.		BR1 Date of receipt	24.05.2013	BR20/BR21 BR IFIC no./part	2757/3
	BR6a/BR6b Id. no.	113512012	BR3a/BR3b Provision reference	11.2	N		BR2 Adm. serial no.		TH	E

C4a Class of station	EC	EC	EC	C3a Assigned freq. band	36000	C6b Polarization angle	
C4b Nature of service	CO	CR	CP	C6a Polarization type	H		
C8d1 Max. tot. peak pwr.	24.6	C8d2 Contiguous bandwidth	36000				
C11a1 Service area no.	1	C11a2 Service area				C11a3 Service area diagram	9

A5/A6 Coordinations/Agreements	X/9.7	X	
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C2a1 Assigned frequency																			
11.47	GHZ	11.51	GHZ	11.55	GHZ	11.59	GHZ	11.63	GHZ	11.67	GHZ								
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.	
API/A /4369		1 18M0F8F--		17.6		-46		13.6				-50				18.5			
CR/C /2315		2 12M4F8W--		16		-47		12.8				-50				14			
		3 271KG7W--		-1.6		-56		-5.6				-60				15.3			

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	C10d9 Ant. dim. (DGSO)
TIPICA 4.6 MEX	T				1 TC	CO	53.06	0.39	127	4.6	
					2 TC	CP					
					3 TC	CR					

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.
TIPICA 4.6 MEX	A-25*LOG(FI)	32					

Findings	2D Date of protection		13A Conformity with RR	A-	N-	--	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks												

BR7a/BR7b Group id.	113641758	BR1 Date of receipt	24.05.2013	C2c RR No. 4.4					
A2a Date of bringing into use	15.09.2013	A2b Period of valid.	25	A3a Op. agency	124	A3b Adm. resp.	A	BR16 Value of type C8b	
BR62 Expiry date for bringing into use	24.10.2013	BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49					

BR14 Special Section							
C4a Class of station	EC	EC	EC	C3a Assigned freq. band	36000	C6b Polarization angle	
C4b Nature of service	CR	CP	CO	C6a Polarization type	H		
C8d1 Max. tot. peak pwr.	24.6	C8d2 Contiguous bandwidth	36000				
C11a1 Service area no.	1	C11a2 Service area				C11a3 Service area diagram	9

A5/A6 Coordinations/Agreements	X/9.7	X	
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C2a1 Assigned frequency																			
11.47	GHZ	11.51	GHZ	11.55	GHZ	11.59	GHZ	11.63	GHZ	11.67	GHZ								
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.	
API/A /4369		1 20M7F8W--		18		-47		14.5				-50.5				14			
CR/C /2315		2 317KG7W--		-0.9		-56		-5				-60				15.3			

PARTIE III-S / PART III-S / PARTE III-S / 第III-S部分 / ЧАСТЬ III-S / III-S الجزء

A A1a Sat. Network MEXSAT 116.8 KU EXT A1f1 Notifying adm. MEX A1f3 Inter. sat. org. BR1 Date of receipt 24.05.2013 BR20/BR21 BR IFIC no./part 2757/3

BR6a/BR6b Id. no. 113512012 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no. TH E

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.	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)
TIPICA 5.6 MEX	T			1 TC CO 2 TC CP 3 TC CR	54.76	0.32	127	5.6	

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.
TIPICA 5.6 MEX	A-25*LOG (FI)	32					

Findings 2D Date of protection 13A Conformity with RR A- N- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review

13C Remarks

BR7a/BR7b Group id. 113641760 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4

A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49

BR14 Special Section

C4a Class of station EC EC EC C3a Assigned freq. band 36000

C4b Nature of service CO CR CP C6a Polarization type H C6b Polarization angle

C8d1 Max. tot. peak pwr. 24.6 C8d2 Contiguous bandwidth 36000

C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram 9

A5/A6 Coordinations/Agreements X/9.7 X

C2a1 Assigned frequency																			
11.47	GHZ	11.51	GHZ	11.55	GHZ	11.59	GHZ	11.63	GHZ	11.67	GHZ								
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.	
API/A	/4369	1	36M0F8W--	19.6	-47	15.6		-51									14		
CR/C	/2315	2	18M0F8F--	17.6	-46	11.6		-52									18.5		
		3	950KG7W--	3.8	-56	-1.2		-61									15.3		

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.	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)
TIPICA 7.6 MEX	T			1 TC CO 2 TC CP 3 TC CR	57.42	0.24	127	7.6	

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.
TIPICA 7.6 MEX	A-25*LOG (FI)	32					

Findings 2D Date of protection 13A Conformity with RR A- N- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review

13C Remarks

BR7a/BR7b Group id. 113641762 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4

A	A1a Sat. Network	MEXSAT 116.8 KU EXT	A1f1 Notifying adm.	MEX	A1f3 Inter. sat. org.		BR1 Date of receipt	24.05.2013	BR20/BR21 BR IFIC no./part	2757/3
	BR6a/BR6b Id. no.	113512012	BR3a/BR3b Provision reference	11.2	N	BR2 Adm. serial no.			TH	E

A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b
 BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49

BR14 Special Section

C4a Class of station EC EC EC C3a Assigned freq. band 36000

C4b Nature of service CO CR CP C6a Polarization type H C6b Polarization angle

C8d1 Max. tot. peak pwr. 24.6 C8d2 Contiguous bandwidth 36000

C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram 9

A5/A6 Coordinations/Agreements X/9.7 X

C2a1 Assigned frequency											
11.47	GHZ	11.51	GHZ	11.55	GHZ	11.59	GHZ	11.63	GHZ	11.67	GHZ

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.
API/A	/4369	1	3M82G7W--	9.9	-56	4.9		-61		15.3	
CR/C	/2315	2	25K4F3W--	-10.2	-45.3	-29.2		-64.3		16.4	

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.	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)
TIPICA 11.0 MEX	T				1	TC CO	60.63	0.16	127	11	
					2	TC CP					
					3	TC CR					

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.
TIPICA 11.0 MEX	A-25*LOG(FI)	32					

Findings 2D Date of protection 13A Conformity with RR A- N- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review

13C Remarks

BR7a/BR7b Group id. 113688708 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4

A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49

BR14 Special Section

C4a Class of station EC EC EC C3a Assigned freq. band 36000

C4b Nature of service CO CR CP C6a Polarization type H C6b Polarization angle

C8d1 Max. tot. peak pwr. 24.6 C8d2 Contiguous bandwidth 36000

C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram 9

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency											
11.47	GHZ	11.51	GHZ	11.55	GHZ	11.59	GHZ	11.63	GHZ	11.67	GHZ

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.
API/A	/4369	1	31M0F3F--	24	-42	17		-49		18.5	

PARTIE III-S / PART III-S / PARTE III-S / 第III-S部分 / ЧАСТЬ III-S / III-S الجزء

A A1a Sat. Network MEXSAT 116.8 KU EXT A1f1 Notifying adm. MEX A1f3 Inter. sat. org. BR1 Date of receipt 24.05.2013 BR20/BR21 BR IFIC no./part 2757/3

BR6a/BR6b Id. no. 113512012 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no. TH E

CR/C /2315

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	C10d9 Ant. dim. (DGSO)
TIPICA 1.8 MEX	T			1 TC 2 TC 3 TC	44.91	1	127	1.8	
				CO CP CR					

C10d5a Co-polar antenna pattern						
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1
TIPICA 1.8 MEX	A-25*LOG(FI)	32				

Findings 2D Date of protection 13A Conformity with RR N- -- -- 13B1 Provision X/21.16 13B2 Remarks 13B3 Date of Review

13C Remarks

BR7a/BR7b Group id. 113688709 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4

A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49

BR14 Special Section

C4a Class of station EC EC EC C3a Assigned freq. band 36000

C4b Nature of service CO CR CP C6a Polarization type H C6b Polarization angle

C8d1 Max. tot. peak pwr. 24.6 C8d2 Contiguous bandwidth 36000

C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram 9

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency									
11.47	GHZ	11.51	GHZ	11.55	GHZ	11.59	GHZ	11.63	GHZ

A13 Ref. to Special Sections	C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Atch.	C8c3 Min. pwr dens.	C8c4 Atch.	C8e1 C/N ratio	C8e2 Atch.
API/A /4369 CR/C /2315	1 31M0F3F--	24	-42	10		-56		18.5	

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	C10d9 Ant. dim. (DGSO)
TIPICA 4.6 MEX	T			1 TC 2 TC 3 TC	53.06	0.39	127	4.6	
				CO CP CR					

C10d5a Co-polar antenna pattern						
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1
TIPICA 4.6 MEX	A-25*LOG(FI)	32				

Findings 2D Date of protection 13A Conformity with RR N- -- -- 13B1 Provision X/21.16 13B2 Remarks 13B3 Date of Review

13C Remarks

BR7a/BR7b Group id. 113688710 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4



A	A1a Sat. Network	MEXSAT 116.8 KU EXT	A1f1 Notifying adm.	MEX	A1f3 Inter. sat. org.		BR1 Date of receipt	24.05.2013	BR20/BR21 BR IFIC no./part	2757/3
	BR6a/BR6b Id. no.	113512012	BR3a/BR3b Provision reference	11.2	N	BR2 Adm. serial no.			TH	E

A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b
 BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49

BR14 Special Section

C4a Class of station EC EC EC C3a Assigned freq. band 36000

C4b Nature of service CO CR CP C6a Polarization type H C6b Polarization angle

C8d1 Max. tot. peak pwr. 24.6 C8d2 Contiguous bandwidth 36000

C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram 9

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency

11.47	GHz	11.51	GHz	11.55	GHz	11.59	GHz	11.63	GHz	11.67	GHz
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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.
API/A	/4369	1 31M0F3F--	24	-42	7.9		-58		18.5	
CR/C	/2315									

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.	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)
TIPICA 7.6 MEX	T			1 TC 2 TC 3 TC	57.42	0.24	127	7.6	

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.
TIPICA 7.6 MEX	A-25*LOG(FI)	32					

Findings 2D Date of protection 13A Conformity with RR N- -- -- 13B1 Provision X/21.16 13B2 Remarks 13B3 Date of Review
 13C Remarks

B1a/BR17 Beam designation TV B1b Steerable B2 Emi-Rcp E B3a1 Max. co-polar gain 34 B3d Pointing accuracy 0.09

B3b1 Co-polar ant. gain contours diag. 7 B3e Ant. gain vs orbit long. diag. 8

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

BR7a/BR7b Group id. 113641744 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4

A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49

BR14 Special Section

C4a Class of station EC EC EC C3a Assigned freq. band 36000

C4b Nature of service CO CR CP C6a Polarization type V C6b Polarization angle

C8d1 Max. tot. peak pwr. 24.6 C8d2 Contiguous bandwidth 36000

A	A1a Sat. Network	MEXSAT 116.8 KU EXT	A1f1 Notifying adm.	MEX	A1f3 Inter. sat. org.		BR1 Date of receipt	24.05.2013	BR20/BR21 BR IFIC no./part	2757/3
	BR6a/BR6b Id. no.	113512012	BR3a/BR3b Provision reference	11.2	N	BR2 Adm. serial no.			TV	E

C11a1 Service area no. C11a2 Service area C11a3 Service area diagram

A5/A6 Coordinations/Agreements X/9.7 X

C2a1 Assigned frequency											
11.48	GHZ	11.52	GHZ	11.56	GHZ	11.6	GHZ	11.64	GHZ	11.68	GHZ

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.
API/A /4369	1 18M0F8F--	17.6	-46	17.6		-46		18.5	
CR/C /2315	2 4M00F8W--	11	-47	11		-47		14	
	3 39K6G7W--	-10	-56	-10		-56		15.3	
	4 22K6G7W--	-12.4	-56	-12.4		-56		15.3	
	5 9K89G7W--	-16	-56	-16		-56		15.3	
	6 3K39G7W--	-20.7	-56	-20.7		-56		15.3	

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.	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)
TIPICA 1.8 MEX	T			1 TC CO 2 TC CP 3 TC CR	44.91	1	127	1.8	

C10d5a Co-polar antenna pattern						
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1
TIPICA 1.8 MEX	A-25*LOG(FI)	32				

Findings 2D Date of protection 13A Conformity with RR A- N- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review

13C Remarks

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

A2a Date of bringing into use A2b Period of valid. A3a Op. agency A3b Adm. resp. BR16 Value of type C8b

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

C4b Nature of service C6a Polarization type C6b Polarization angle

C8d1 Max. tot. peak pwr. C8d2 Contiguous bandwidth

C11a1 Service area no. C11a2 Service area C11a3 Service area diagram

A5/A6 Coordinations/Agreements X/9.7 X

C2a1 Assigned frequency											
11.48	GHZ	11.52	GHZ	11.56	GHZ	11.6	GHZ	11.64	GHZ	11.68	GHZ

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.
API/A /4369	1 7M50F8W--	14	-47	12		-49		14	
CR/C /2315	2 90K5G7W--	-6.4	-56	-9.4		-59		15.3	

A	A1a Sat. Network	MEXSAT 116.8 KU EXT	A1f1 Notifying adm.	MEX	A1f3 Inter. sat. org.		BR1 Date of receipt	24.05.2013	BR20/BR21 BR IFIC no./part	2757/3
	BR6a/BR6b Id. no.	113512012	BR3a/BR3b Provision reference	11.2	N	BR2 Adm. serial no.		TV	E	

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.	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)
TIPICA 3.8 MEX	T			1 TC 2 TC 3 TC	51.4	0.48	127	3.8	
				CO CP CR					

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.
TIPICA 3.8 MEX	A-25*LOG (FI)	32					

Findings	2D Date of protection		13A Conformity with RR	A- N- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks										

BR7a/BR7b Group id.	113641747	BR1 Date of receipt	24.05.2013	C2c RR No. 4.4	
A2a Date of bringing into use	15.09.2013	A2b Period of valid.	25	A3a Op. agency	124
A3b Adm. resp.	A	BR16 Value of type C8b		BR62 Expiry date for bringing into use	24.10.2013
BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49		BR14 Special Section	
C4a Class of station	EC EC EC	C3a Assigned freq. band	36000	C4b Nature of service	CO CR CP
C6a Polarization type	V	C6b Polarization angle		C8d1 Max. tot. peak pwr.	24.6
C8d2 Contiguous bandwidth	36000	C11a1 Service area no.	1	C11a2 Service area	
C11a3 Service area diagram	9	A5/A6 Coordinations/Agreements	X/9.7	X	

C2a1 Assigned frequency

11.48	GHZ	11.52	GHZ	11.56	GHZ	11.6	GHZ	11.64	GHZ	11.68	GHZ
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.	
API/A	/4369	1	18M0F8F--	17.6	-46	13.5		-50		18.5	
CR/C	/2315	2	12M4F8W--	16	-47	12.8		-50		14	
		3	271KG7W--	-1.6	-56	-5.3		-60		15.3	

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.	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)
TIPICA 4.6 MEX	T			1 TC 2 TC 3 TC	53.06	0.39	127	4.6	
				CO CP CR					

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.
TIPICA 4.6 MEX	A-25*LOG (FI)	32					

Findings	2D Date of protection		13A Conformity with RR	A- N- --	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks										

BR7a/BR7b Group id.	113641748	BR1 Date of receipt	24.05.2013	C2c RR No. 4.4	
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A	A1a Sat. Network	MEXSAT 116.8 KU EXT	A1f1 Notifying adm.	MEX	A1f3 Inter. sat. org.		BR1 Date of receipt	24.05.2013	BR20/BR21 BR IFIC no./part	2757/3
	BR6a/BR6b Id. no.	113512012	BR3a/BR3b Provision reference	11.2	N	BR2 Adm. serial no.			TV	E

A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b
 BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49

BR14 Special Section

C4a Class of station EC EC EC C3a Assigned freq. band 36000

C4b Nature of service CO CR CP C6a Polarization type V C6b Polarization angle

C8d1 Max. tot. peak pwr. 24.6 C8d2 Contiguous bandwidth 36000

C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram 9

A5/A6 Coordinations/Agreements X/9.7 X

C2a1 Assigned frequency											
11.48	GHZ	11.52	GHZ	11.56	GHZ	11.6	GHZ	11.64	GHZ	11.68	GHZ

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.
API/A	/4369	1	20M7F8W--	18	-47	14.5		-50.5		14	
CR/C	/2315	2	317KG7W--	-0.9	-56	-5		-60		15.3	

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.	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)
TIPICA 5.6 MEX	T			1	TC CO	54.76	0.32	127	5.6	
				2	TC CP					
				3	TC CR					

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.
TIPICA 5.6 MEX	A-25*LOG(FI)	32					

Findings 2D Date of protection 13A Conformity with RR A- N- -- 13B1 Provision 13B2 Remarks 13B3 Date of Review

13C Remarks

BR7a/BR7b Group id. 113641750 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4

A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49

BR14 Special Section

C4a Class of station EC EC EC C3a Assigned freq. band 36000

C4b Nature of service CO CR CP C6a Polarization type V C6b Polarization angle

C8d1 Max. tot. peak pwr. 24.6 C8d2 Contiguous bandwidth 36000

C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram 9

A5/A6 Coordinations/Agreements X/9.7 X

C2a1 Assigned frequency											
11.48	GHZ	11.52	GHZ	11.56	GHZ	11.6	GHZ	11.64	GHZ	11.68	GHZ

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.
API/A	/4369	1	36M0F8W--	19.6	-47	15.6		-51		14	

A	A1a Sat. Network	MEXSAT 116.8 KU EXT	A1f1 Notifying adm.	MEX	A1f3 Inter. sat. org.		BR1 Date of receipt	24.05.2013	BR20/BR21 BR IFIC no./part	2757/3
BR6a/BR6b Id. no.		113512012	BR3a/BR3b Provision reference		11.2	N	BR2 Adm. serial no.			TV E

CR/C	/2315	2	18M0F8F--	17.6	-46	11.6	-52	18.5
		3	950KG7W--	3.8	-56	-1.2	-61	15.3

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.	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)
TIPICA 7.6 MEX	T				1	TC	57.42	0.24	127	7.6	
					2	TC					
					3	TC					

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.
TIPICA 7.6 MEX	A-25*LOG(FI)	32					

Findings	2D Date of protection		13A Conformity with RR	A-	N-	--	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks												

BR7a/BR7b Group id.	113641752	BR1 Date of receipt	24.05.2013	C2c RR No. 4.4	
A2a Date of bringing into use	15.09.2013	A2b Period of valid.	25	A3a Op. agency	124
A3b Adm. resp.	A	BR16 Value of type C8b		BR62 Expiry date for bringing into use	24.10.2013
BR63 Confirmed date of bringing into use		BR64 Date of receipt of 1st Res49		BR14 Special Section	
C4a Class of station					
EC	EC	EC	C3a Assigned freq. band	36000	
CO	CR	CP	C6a Polarization type	V	C6b Polarization angle
C8d1 Max. tot. peak pwr.	24.6	C8d2 Contiguous bandwidth	36000	C11a3 Service area diagram	
C11a1 Service area no.	1	C11a2 Service area		9	
A5/A6 Coordinations/Agreements					
X/9.7	X				

C2a1 Assigned frequency											
11.48	GHZ	11.52	GHZ	11.56	GHZ	11.6	GHZ	11.64	GHZ	11.68	GHZ
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.	
API/A	/4369	1	3M82G7W--	9.9	-56	4.9		-61		C8c3 Min. pwr dens.	C8c4 Attch.
CR/C	/2315	2	25K4F3W--	-10.2	-45.3	-29.2		-64.3		C8e1 C/N ratio	C8e2 Attch.

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.	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)
TIPICA 11.0 MEX	T				1	TC	60.63	0.16	127	11	
					2	TC					
					3	TC					

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.
TIPICA 11.0 MEX	A-25*LOG(FI)	32					

Findings	2D Date of protection		13A Conformity with RR	A-	N-	--	13B1 Provision		13B2 Remarks		13B3 Date of Review	
13C Remarks												

A A1a Sat. Network MEXSAT 116.8 KU EXT A1f1 Notifying adm. MEX A1f3 Inter. sat. org. BR1 Date of receipt 24.05.2013 BR20/BR21 BR IFIC no./part 2757/3
 BR6a/BR6b Id. no. 113512012 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no. TV E

BR7a/BR7b Group id. 113688711 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4
 A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b
 BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49
 BR14 Special Section
 C4a Class of station EC EC EC C3a Assigned freq. band 36000
 C4b Nature of service CO CR CP C6a Polarization type V C6b Polarization angle
 C8d1 Max. tot. peak pwr. 24.6 C8d2 Contiguous bandwidth 36000
 C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram 9
 A5/A6 Coordinations/Agreements 9.7 O AUS CAN LUX PNG USA

C2a1 Assigned frequency																			
11.48	GHZ	11.52	GHZ	11.56	GHZ	11.6	GHZ	11.64	GHZ	11.68	GHZ								
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.	
API/A /4369 CR/C /2315		1 31M0F3F--		24		-42		17				-49				18.5			

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.	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)
TIPICA 1.8 MEX	T			1 TC CO 2 TC CP 3 TC CR	44.91	1	127	1.8	

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.
TIPICA 1.8 MEX	A-25*LOG(FI)	32					

Findings 2D Date of protection 13A Conformity with RR N- -- -- 13B1 Provision X/21.16 13B2 Remarks 13B3 Date of Review
 13C Remarks

BR7a/BR7b Group id. 113688712 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4
 A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b
 BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49
 BR14 Special Section
 C4a Class of station EC EC EC C3a Assigned freq. band 36000
 C4b Nature of service CO CR CP C6a Polarization type V C6b Polarization angle
 C8d1 Max. tot. peak pwr. 24.6 C8d2 Contiguous bandwidth 36000
 C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram 9
 A5/A6 Coordinations/Agreements

C2a1 Assigned frequency											
11.48	GHZ	11.52	GHZ	11.56	GHZ	11.6	GHZ	11.64	GHZ	11.68	GHZ

PARTIE III-S / PART III-S / PARTE III-S / 第III-S部分 / ЧАСТЬ III-S / III-S الجزء

A A1a Sat. Network MEXSAT 116.8 KU EXT A1f1 Notifying adm. MEX A1f3 Inter. sat. org. BR1 Date of receipt 24.05.2013 BR20/BR21 BR IFIC no./part 2757/3

BR6a/BR6b Id. no. 113512012 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no. TV E

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.
API/A	/4369	1 31M0F3F--	24	-42	10		-56		18.5	
CR/C	/2315									

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	C10d9 Ant. dim. (DGSO)
TIPICA 4.6 MEX	T			1 TC CO 2 TC CP 3 TC CR	53.06	0.39	127	4.6	

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.
TIPICA 4.6 MEX	A-25*LOG(FI)	32					

Findings 2D Date of protection 13A Conformity with RR N- -- -- 13B1 Provision X/21.16 13B2 Remarks 13B3 Date of Review

13C Remarks

BR7a/BR7b Group id. 113688713 BR1 Date of receipt 24.05.2013 C2c RR No. 4.4

A2a Date of bringing into use 15.09.2013 A2b Period of valid. 25 A3a Op. agency 124 A3b Adm. resp. A BR16 Value of type C8b

BR62 Expiry date for bringing into use 24.10.2013 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49

BR14 Special Section

C4a Class of station EC EC EC C3a Assigned freq. band 36000

C4b Nature of service CO CR CP C6a Polarization type V C6b Polarization angle

C8d1 Max. tot. peak pwr. 24.6 C8d2 Contiguous bandwidth 36000

C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram 9

A5/A6 Coordinations/Agreements

C2a1 Assigned frequency											
11.48	GHz	11.52	GHz	11.56	GHz	11.6	GHz	11.64	GHz	11.68	GHz

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.
API/A	/4369	1 31M0F3F--	24	-42	8		-58		18.5	
CR/C	/2315									

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	C10d9 Ant. dim. (DGSO)
TIPICA 7.6 MEX	T			1 TC CO 2 TC CP 3 TC CR	57.42	0.24	127	7.6	

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.
TIPICA 7.6 MEX	A-25*LOG(FI)	32					

Findings 2D Date of protection 13A Conformity with RR N- -- -- 13B1 Provision X/21.16 13B2 Remarks 13B3 Date of Review

13C Remarks



Figure / Figura / 图 / Рисунок / 1 الشكل

ZONE DE SERVICE ET CONTOURS (COPOLAIRES) DE GAIN DE L'ANTENNE DE RECEPTION DE LA STATION SPATIALE
SPACE STATION RECEIVING ANTENNA GAIN CONTOURS (CO-POLAR) AND SERVICE AREA
ZONA DE SERVICIO Y CONTORNOS (COPOLARES) DE GANANCIA DE LA ANTENA RECEPTORA DE LA ESTACION ESPACIAL
空间台站接收天线增益等值线(同极)和业务区
ЗОНА ОБСЛУЖИВАНИЯ И (КОПОЛЯРНЫЕ) КОНТУРЫ УСИЛЕНИЯ ПРИЕМНОЙ АНТЕННЫ КОСМИЧЕСКОЙ СТАНЦИИ
منطقة الخدمة وأكفة الكسب (متحد الاستقطاب) هوائي الاستقبال للمحطة الفضائية

MEXSAT 116.8 KU EXT (116.8° W)
Faisceau / Beam / Haz / 波束 / Луч / الحزمة : RH
Gmax: 35 dBi



Zone de service / Service area / Zona de servicio / 业务区 / Зона обслуживания / منطقة الخدمة : RH (No. 01)

Figure / Figura / 图 / Рисунок / 2 الشكل

ZONE DE SERVICE ET CONTOURS (COPOLAIRES) DE GAIN DE L'ANTENNE DE RECEPTION DE LA STATION SPATIALE
SPACE STATION RECEIVING ANTENNA GAIN CONTOURS (CO-POLAR) AND SERVICE AREA
ZONA DE SERVICIO Y CONTORNOS (COPOLARES) DE GANANCIA DE LA ANTENA RECEPTORA DE LA ESTACION ESPACIAL
空间台站接收天线增益等值线(同极)和业务区
ЗОНА ОБСЛУЖИВАНИЯ И (КОПОЛЯРНЫЕ) КОНТУРЫ УСИЛЕНИЯ ПРИЕМНОЙ АНТЕННЫ КОСМИЧЕСКОЙ СТАНЦИИ
منطقة الخدمة وأكفة الكسب (متحد الاستقطاب) لهوائي الاستقبال للمحطة الفضائية

MEXSAT 116.8 KU EXT (116.8° W)
Faisceau / Beam / Haz / 波束 / Луч / الحزمة : RV
Gmax: 35 dBi



Zone de service / Service area / Zona de servicio / 业务区 / Зона обслуживания / منطقة الخدمة : RV (No. 01)

Figure / Figura / 图 / Рисунок / 3 الشكل

ZONE DE SERVICE ET CONTOURS (COPOLAIRES) DE GAIN DE L'ANTENNE D'EMISSION DE LA STATION SPATIALE
SPACE STATION TRANSMITTING ANTENNA GAIN CONTOURS (CO-POLAR) AND SERVICE AREA
ZONA DE SERVICIO Y CONTORNOS (COPOLARES) DE GANANCIA DE LA ANTENA TRANSMISORA DE LA ESTACION ESPACIAL
空间台站发射天线增益等值线(同极)和业务区

ЗОНА ОБСЛУЖИВАНИЯ И (КОПОЛЯРНЫЕ) КОНТУРЫ УСИЛЕНИЯ ПЕРЕДАЮЩЕЙ АНТЕННЫ КОСМИЧЕСКОЙ СТАНЦИИ

منطقة الخدمة وأكفة الكسب (متحد الاستقطاب) لهوائي الإرسال للمحطة الفضائية

MEXSAT 116.8 KU EXT (116.8° W)

Faisceau / Beam / Haz / 波束 / Луч / الحزمة : TH

Gmax: 34 dBi



Zone de service / Service area / Zona de servicio / 业务区 / Зона обслуживания / منطقة الخدمة : TH (No. 01)

Figure / Figura / 图 / Рисунок / 4 الشكل

ZONE DE SERVICE ET CONTOURS (COPOLAIRES) DE GAIN DE L'ANTENNE D'EMISSION DE LA STATION SPATIALE
SPACE STATION TRANSMITTING ANTENNA GAIN CONTOURS (CO-POLAR) AND SERVICE AREA
ZONA DE SERVICIO Y CONTORNOS (COPOLARES) DE GANANCIA DE LA ANTENA TRANSMISORA DE LA ESTACION ESPACIAL
空间台站发射天线增益等值线(同极)和业务区
ЗОНА ОБСЛУЖИВАНИЯ И (КОПОЛЯРНЫЕ) КОНТУРЫ УСИЛЕНИЯ ПЕРЕДАЮЩЕЙ АНТЕННЫ КОСМИЧЕСКОЙ СТАНЦИИ
منطقة الخدمة وأكفة الكسب (متحد الاستقطاب) لهوائي الإرسال للمحطة الفضائية

MEXSAT 116.8 KU EXT (116.8° W)
Faisceau / Beam / Haz / 波束 / Луч / الحزمة : TV
Gmax: 34 dBi



Zone de service / Service area / Zona de servicio / 业务区 / Зона обслуживания / منطقة الخدمة : TV (No. 01)

Figure / Figura / 图 / Рисунок / 5 الشكل

GAIN ESTIME DE L'ANTENNE DE RECEPTION DE LA STATION SPATIALE DANS LA DIRECTION DE L'ORBITE DES SATELLITES GEOSTATIONNAIRES
ESTIMATED GAIN OF THE SPACE STATION RECEIVING ANTENNA IN THE DIRECTION OF THE GEOSTATIONARY SATELLITE ORBIT
GANANCIA ESTIMADA DE LA ANTENA RECEPTORA DE LA ESTACION ESPACIAL EN EL SENTIDO DE LA ORBITA DE LOS SATELITES GEOESTACIONARIOS

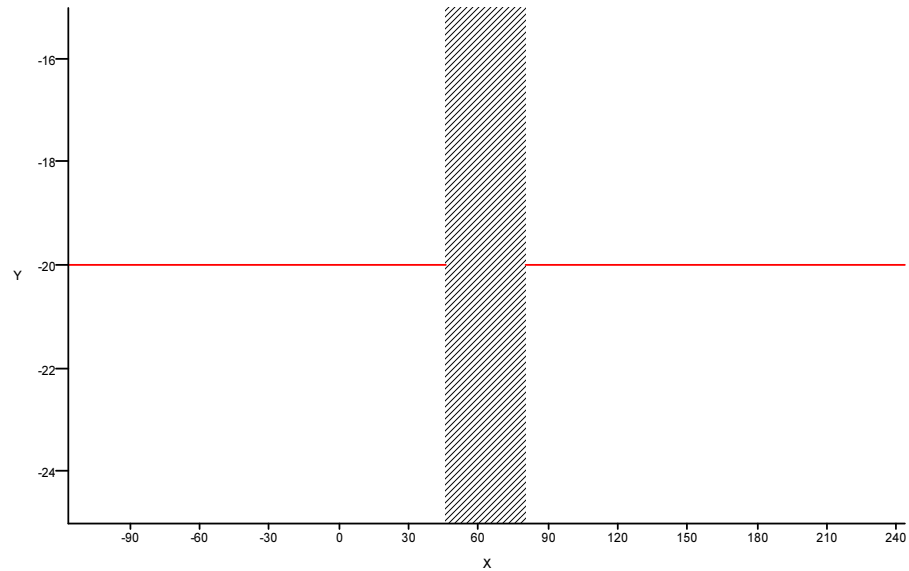
对地静止卫星轨道方向的空间台站接收天线估算增益

РАСЧЕТНОЕ УСИЛЕНИЕ ПРИЕМНОЙ АНТЕННЫ КОСМИЧЕСКОЙ СТАНЦИИ В НАПРАВЛЕНИИ ОРБИТЫ ГЕОСТАЦИОНАРНЫХ СПУТНИКОВ

الكسب المقدر لهوائي الاستقبال للمحطة الفضائية في اتجاه مدار السواتل المستقرة بالنسبة إلى الأرض

MEXSAT 116.8 KU EXT (116.8° W)

Faisceau / Beam / Haz / 波束 / Луч / الحزمة : RH



X =	Longitude (degrees)	Longitude (degrés)	Longitud (grados)	经度 (度)	Долгота (в градусах)	خط الطول (بالدرجات)
Y =	Gain (dBi)	Gain (dBi)	Ganancia (dBi)	增益 (dBi)	Усиление (дБ)	الكسب (dBi)
	Obstructed Zone	Zone Occultée	Zona Ocultada	受阻区	Закрытая зона	منطقة محجوبة

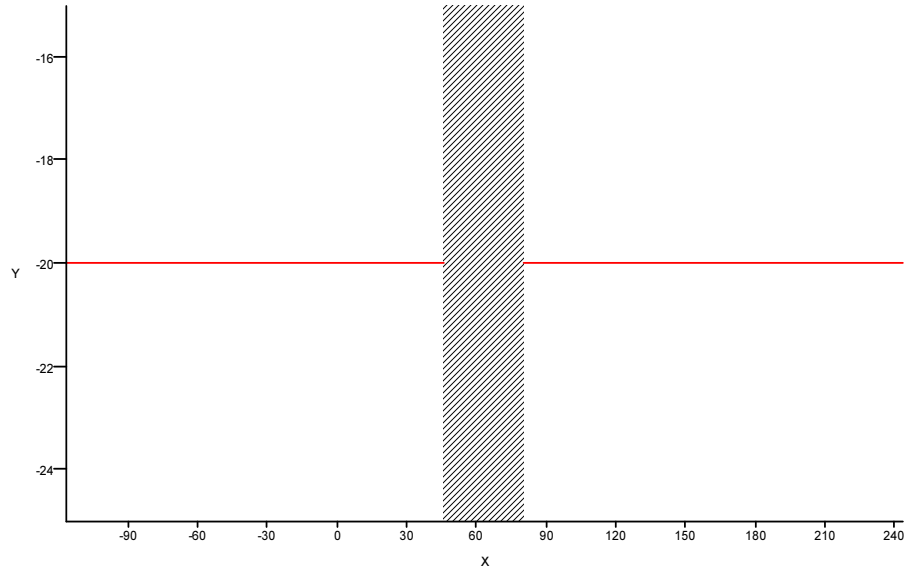
Figure / Figura / 图 / Рисунок / 6 الشكل

GAIN ESTIME DE L'ANTENNE DE RECEPTION DE LA STATION SPATIALE DANS LA DIRECTION DE L'ORBITE DES SATELLITES GEOSTATIONNAIRES
ESTIMATED GAIN OF THE SPACE STATION RECEIVING ANTENNA IN THE DIRECTION OF THE GEOSTATIONARY SATELLITE ORBIT
GANANCIA ESTIMADA DE LA ANTENA RECEPTORA DE LA ESTACION ESPACIAL EN EL SENTIDO DE LA ORBITA DE LOS SATELITES GEOESTACIONARIOS

对地静止卫星轨道方向的空间台站接收天线估算增益
РАСЧЕТНОЕ УСИЛЕНИЕ ПРИЕМНОЙ АНТЕННЫ КОСМИЧЕСКОЙ СТАНЦИИ В НАПРАВЛЕНИИ ОРБИТЫ ГЕОСТАЦИОНАРНЫХ СПУТНИКОВ

الكسب المقدر لهوائي الاستقبال للمحطة الفضائية في اتجاه مدار السواتل المستقرة بالنسبة إلى الأرض

MEXSAT 116.8 KU EXT (116.8° W)
Faisceau / Beam / Haz / 波束 / Луч / الحزمة : RV



X =	Longitude (degrees)	Longitude (degrés)	Longitud (grados)	经度 (度)	Долгота (в градусах)	خط الطول (بالدرجات)
Y =	Gain (dBi)	Gain (dBi)	Ganancia (dBi)	增益 (dBi)	Усиление (дБ)	الكسب (dBi)
	Obstructed Zone	Zone Occultée	Zona Ocultada	受阻区	Закрытая зона	منطقة محجوبة

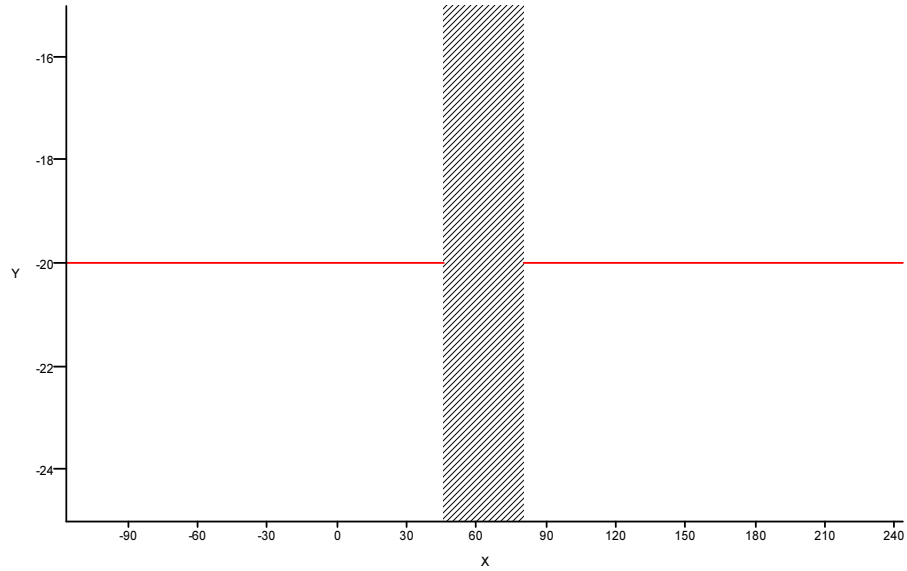
Figure / Figura / 图 / Рисунок / 7 الشكل

GAIN ESTIME DE L'ANTENNE D'EMISSION DE LA STATION SPATIALE DANS LA DIRECTION DE L'ORBITE DES SATELLITES GEOSTATIONNAIRES
ESTIMATED GAIN OF THE SPACE STATION TRANSMITTING ANTENNA IN THE DIRECTION OF THE GEOSTATIONARY SATELLITE ORBIT
GANANCIA ESTIMADA DE LA ANTENA TRANSMISORA DE LA ESTACION ESPACIAL EN EL SENTIDO DE LA ORBITA DE LOS SATELITES GEOESTACIONARIOS

对地静止卫星轨道方向的空间台站发射天线估算增益
РАСЧЕТНОЕ УСИЛЕНИЕ ПЕРЕДАЮЩЕЙ АНТЕННЫ КОСМИЧЕСКОЙ СТАНЦИИ В НАПРАВЛЕНИИ ОРБИТЫ ГЕОСТАЦИОНАРНЫХ СПУТНИКОВ

الكسب المقدر لهوائي الإرسال للمحطة الفضائية في اتجاه مدار السواتل المستقرة بالنسبة إلى الأرض

MEXSAT 116.8 KU EXT (116.8° W)
Faisceau / Beam / Haz / 波束 / Луч / الحزمة : TH



X =	Longitude (degrees)	Longitude (degrés)	Longitud (grados)	经度 (度)	Долгота (в градусах)	خط الطول (بالدرجات)
Y =	Gain (dBi)	Gain (dBi)	Ganancia (dBi)	增益 (dBi)	Усиление (дБ)	الكسب (dBi)
	Obstructed Zone	Zone Occultée	Zona Ocultada	受阻区	Закрытая зона	منطقة محجوبة

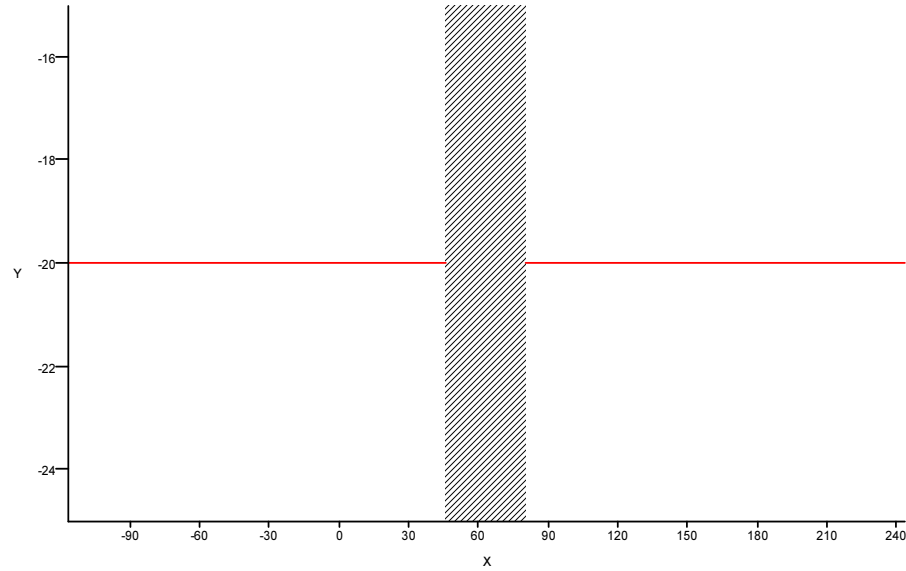
Figure / Figura / 图 / Рисунок / 8 الشكل

GAIN ESTIME DE L'ANTENNE D'EMISSION DE LA STATION SPATIALE DANS LA DIRECTION DE L'ORBITE DES SATELLITES GEOSTATIONNAIRES
ESTIMATED GAIN OF THE SPACE STATION TRANSMITTING ANTENNA IN THE DIRECTION OF THE GEOSTATIONARY SATELLITE ORBIT
GANANCIA ESTIMADA DE LA ANTENA TRANSMISORA DE LA ESTACION ESPACIAL EN EL SENTIDO DE LA ORBITA DE LOS SATELITES GEOESTACIONARIOS

对地静止卫星轨道方向的空间台站发射天线估算增益
РАСЧЕТНОЕ УСИЛЕНИЕ ПЕРЕДАЮЩЕЙ АНТЕННЫ КОСМИЧЕСКОЙ СТАНЦИИ В НАПРАВЛЕНИИ ОРБИТЫ ГЕОСТАЦИОНАРНЫХ СПУТНИКОВ

الكسب المقدر لهوائي الإرسال للمحطة الفضائية في اتجاه مدار السواتل المستقرة بالنسبة إلى الأرض

MEXSAT 116.8 KU EXT (116.8° W)
Faisceau / Beam / Haz / 波束 / Луч / الحزمة : TV



X =	Longitude (degrees)	Longitude (degrés)	Longitud (grados)	经度 (度)	Долгота (в градусах)	خط الطول (بالدرجات)
Y =	Gain (dBi)	Gain (dBi)	Ganancia (dBi)	增益 (dBi)	Усиление (дБ)	الكسب (dBi)
	Obstructed Zone	Zone Occultée	Zona Ocultada	受阻区	Закрытая зона	منطقة محجوبة