

E TSUM Requested by: ADMINIST		Date: 08.03.2004 10:57:28 PM		DB: FORMOSAT-3 AP4 (2MARCH04)~		Plan Id.:		Notice type: NONGEO	
A	A1a Sat. Network	FORMOSAT-3	A1f1 Notifying adm.		A1f2 Inter. sat. org.		BR1 Date of receipt	02.03.2004	BR20 IFIC no.
BR6a/BR6b Id. no.		4	BR3a Provision reference		9.1/IA		SRX R		

## Attachment 1: FORMOSAT-3 Ap4/V Forms Submitted to NASA-GSFC

A4b1 Inclination angle  A4b2 Period   A4b3a Apogee  A4b3b Perigee  A4b4a No. of sat.  A4b4b Ref. body   
 A4b5a No. of orbital planes

B1a/B1b Beam designation	SRX	B2 Emi-Rcp	R	B4a1 Max. ant. gain	3.8
B4a2a Rad. diag.	1	Ref. Pat.		Coef. A	
		Coef. B			

BR7a/BR7b Group id.	4	BR14 Special Section	
C4a Class of station	ED EK	C5a Noise temperature	1697
C4b Nature of service	OT OT	C6a Polarization type	CR
C11a2 Service area	AAA	C6b Polarization angle	
		C11a3 Service area diagram	
A2a Date of bringing into use	01.10.2005	A3a Op. agency	
		A3b Adm. resp.	
		BR16 Value of type C8b	

C1 Frequency Range			
From		To	
2039.468	MHz	2039.532	MHz

C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Min. pwr dens.	C8e C/N ratio	C8f E.i.r.p. on the beam axis
1 64K0G1D--	13.2	-34.9	3.2	-44.9	26.9	54.6

C10b1 Assoc. earth station id.		C10b4 Ctry	C10b3 Type	C10b5 Geographical coord.		C10c1a/C10c1b Cls. / Nat.			C10c2 Max. iso. gain	C10c3 Bmwdth	C10c4a Ref. pattern	C10c4b Rad. diag.		C10c4c				
														Coef A	Coef B	Coef C	Coef D	Phi1
	S-BAND TT&C1		T			1 2	TK TD	OT OT	41.4	1.45	REC-465							

13C Remarks SEE NOTE 1

BR7a/BR7b Group id.	6	BR14 Special Section	
C4a Class of station	ED EK	C5a Noise temperature	1697
C4b Nature of service	OT OT	C6a Polarization type	CR
C11a2 Service area	AAA	C6b Polarization angle	
		C11a3 Service area diagram	
A2a Date of bringing into use	01.10.2005	A3a Op. agency	
		A3b Adm. resp.	
		BR16 Value of type C8b	

C1 Frequency Range			
From		To	
2039.468	MHz	2039.532	MHz

E TSUM Requested by: ADMINIST		Date: 08.03.2004 10:57:28 PM		DB: FORMOSAT-3 AP4 (2MARCH04)~		Plan Id.:		Notice type: NONGEO	
A A1a Sat. Network FORMOSAT-3		A1f1 Notifying adm.		A1f2 Inter. sat. org.		BR1 Date of receipt 02.03.2004		BR20 IFIC no.	
BR6a/BR6b Id. no. 4		BR3a Provision reference 9.1/IA						SRX R	

C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Min. pwr dens.	C8e C/N ratio	C8f E.i.r.p. on the beam axis
1 64K0G1D--	12.5	-35.6	2.5	-45.6	26.9	55.5

C10b1 Assoc. earth station id.	C10b4 Ctry	C10b3 Type	C10b5 Geographical coord.	C10c1a/C10c1b Cls. / Nat.	C10c2 Max. iso. gain	C10c3 Bmwidth	C10c4a Ref. pattern	C10c4b Rad. diag.		C10c4c				
										Coef A	Coef B	Coef C	Coef D	Phi1
S-BAND TT&C2		T			1 TK 2 TD OT	43	1.2	REC-465						

13C Remarks SEE NOTE 1

<input type="checkbox"/> BR7a/BR7b Group id. 7	BR14 Special Section
C4a Class of station ED EK	C5a Noise temperature 1697
C4b Nature of service OT OT	C6a Polarization type CR
C11a2 Service area AAA	C6b Polarization angle
A2a Date of bringing into use 01.10.2005	C11a3 Service area diagram
A3a Op. agency	A3b Adm. resp. BR16 Value of type C8b

C1 Frequency Range			
From		To	
2039.468	MHz	2039.532	MHz

C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Min. pwr dens.	C8e C/N ratio	C8f E.i.r.p. on the beam axis
1 64K0G1D--	16.4	-31.7	6.4	-41.7	26.9	54.4

C10b1 Assoc. earth station id.	C10b4 Ctry	C10b3 Type	C10b5 Geographical coord.	C10c1a/C10c1b Cls. / Nat.	C10c2 Max. iso. gain	C10c3 Bmwidth	C10c4a Ref. pattern	C10c4b Rad. diag.		C10c4c				
										Coef A	Coef B	Coef C	Coef D	Phi1
REMOTE STATION 1		T			1 TK 2 TD OT	38	2.1	REC-465						

13C Remarks SEE NOTE 1

<input type="checkbox"/> BR7a/BR7b Group id. 8	BR14 Special Section
C4a Class of station ED EK	C5a Noise temperature 1697
C4b Nature of service OT OT	C6a Polarization type CR
C11a2 Service area AAA	C6b Polarization angle
A2a Date of bringing into use 01.10.2005	C11a3 Service area diagram
A3a Op. agency	A3b Adm. resp. BR16 Value of type C8b

C1 Frequency Range			
From		To	
2039.468	MHz	2039.532	MHz

E TSUM Requested by: ADMINIST		Date: 08.03.2004 10:57:28 PM		DB: FORMOSAT-3 AP4 (2MARCH04)~		Plan Id.:		Notice type: NONGEO	
A A1a Sat. Network FORMOSAT-3		A1f1 Notifying adm.		A1f2 Inter. sat. org.		BR1 Date of receipt 02.03.2004		BR20 IFIC no.	
BR6a/BR6b Id. no. 4		BR3a Provision reference 9.1/IA						SRX R	

C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Min. pwr dens.	C8e C/N ratio	C8f E.i.r.p. on the beam axis
1 64K0G1D--	13.4	-34.7	3.4	-44.7	26.9	54.4

C10b1 Assoc. earth station id.	C10b4 Ctry	C10b3 Type	C10b5 Geographical coord.	C10c1a/C10c1b Cls. / Nat.	C10c2 Max. iso. gain	C10c3 Bmwidth	C10c4a Ref. pattern	C10c4b Rad. diag.		C10c4c				
										Coef A	Coef B	Coef C	Coef D	Phi1
REMOTE STATION 2		T			1 TK 2 TD OT	41	1.5	REC-465						

13C Remarks SEE NOTE 1

<input type="checkbox"/> BR7a/BR7b Group id. 9	BR14 Special Section
C4a Class of station ED EK	C5a Noise temperature 1697
C4b Nature of service OT OT	C6a Polarization type CR
C11a2 Service area AAA	C6b Polarization angle
A2a Date of bringing into use 01.10.2005	C11a3 Service area diagram
A3a Op. agency	A3b Adm. resp.
	BR16 Value of type C8b

C1 Frequency Range			
From		To	
2039.468	MHz	2039.532	MHz

C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Min. pwr dens.	C8e C/N ratio	C8f E.i.r.p. on the beam axis
1 64K0G1D--	8.1	-40	-1.9	-50	26.9	54.4

C10b1 Assoc. earth station id.	C10b4 Ctry	C10b3 Type	C10b5 Geographical coord.	C10c1a/C10c1b Cls. / Nat.	C10c2 Max. iso. gain	C10c3 Bmwidth	C10c4a Ref. pattern	C10c4b Rad. diag.		C10c4c				
										Coef A	Coef B	Coef C	Coef D	Phi1
REMOTE STATION 3		T			1 TK 2 TD OT	46.3	0.8	REC-465						

13C Remarks SEE NOTE 1

E_TSUM Requested by: ADMINIST		Date: 08.03.2004 10:57:28 PM		DB: FORMOSAT-3 AP4 (2MARCH04)~		Plan Id.:		Notice type: NONGEO	
A	A1a	Sat. Network	FORMOSAT-3	A1f1	Notifying adm.		A1f2	Inter. sat. org.	
BR6a/BR6b		Id. no.	4	BR3a		Provision reference		9.1/IA	BR20
								SRX	R

B1a/B1b	Beam designation	STX		B2	Emi-Rcp	E	B4a1	Max. ant. gain	3.4
---------	------------------	-----	--	----	---------	---	------	----------------	-----

B4a2a	Rad.	1	Ref. Pat.		Coef. A		Coef. B	
diag.								

BR7a/BR7b	Group	3		BR14	Special Section	
	id.					

C4a	Class of station	EK	ER	EW
-----	------------------	----	----	----

C4b	Nature of service	OT	OT	CV
-----	-------------------	----	----	----

C6a	Polarization type	CR	C6b	Polarization angle	
-----	-------------------	----	-----	--------------------	--

C11a2	Service area	AAA	C11a3	Service area diagram	
-------	--------------	-----	-------	----------------------	--

A2a	Date of bringing into use	01.10.200	A3a	Op. agency		A3b	Adm. resp.		BR16	Value of type C8b	
		5									

E_TSUM Requested by: ADMINIST		Date: 08.03.2004 10:57:28 PM		DB: FORMOSAT-3 AP4 (2MARCH04)~		Plan Id.:		Notice type: NONGEO							
A	A1a	Sat. Network	FORMOSAT-3	A1f1	Notifying adm.		A1f2	Inter. sat. org.		BR1	Date of receipt	02.03.2004	BR20	IFIC no.	
BR6a/BR6b		Id. no.		4	BR3a		Provision reference		9.1/IA				SRX		R

C1 Frequency Range			
From		To	
2213	MHz	2217	MHz

C7a		C8a1/C8b1	C8a2/C8b2	C8c1	C8c2	C8e	C8f
Design. of emission		Max. peak pwr	Max. pwr dens.	Min. peak pwr	Min. pwr dens.	C/N ratio	E.i.r.p. on the beam axis
1	4M00G1D--	2.4	-63.6	-4.4	-70.4	10.7	5.8

C10b1		C10b4	C10b3	C10b5		C10c1a/C10c1b			C10c2	C10c3	C10c4a	C10c4b	C10c5	C10c4c				
Assoc. earth station id.		Ctry	Type	Geographical coord.		Cls. / Nat.			Max. iso. gain	Bmwidth	Ref. pattern	Rad. diag.	Noise temp.	Coef A	Coef B	Coef C	Coef D	Phi1
S-BAND TT&C1			T			1	TW	CV	43.4	1.2	REC-465		175					
						2	TR	OT										
						3	TK	OT										
S-BAND TT&C2			T			1	TW	CV	43.4	1.2	REC-465		175					
						2	TR	OT										
						3	TK	OT										
REMOTE STATION 1			T			1	TW	CV	38.7	2	REC-465		150					
						2	TR	OT										
						3	TK	OT										
REMOTE STATION 2			T			1	TW	CV	41.6	1.4	REC-465		131					
						2	TR	OT										

E_TSUM Requested by: ADMINIST		Date: 08.03.2004 10:57:28 PM		DB: FORMOSAT-3 AP4 (2MARCH04)~		Plan Id.:		Notice type: NONGEO	
A	A1a	Sat. Network	FORMOSAT-3	A1f1	Notifying adm.		A1f2	Inter. sat. org.	
BR6a/BR6b		Id. no.	4	BR3a		Provision reference		9.1/IA	
						BR1		Date of receipt	02.03.2004
								BR20	IFIC no.
								SRX	R

REMOTE STATION 3		T			3	TK	OT										
					1	TW	CV	47	0.8	REC-465		130					
					2	TR	OT										
					3	TK	OT										

13C	Remarks	SEE NOTE 1
-----	---------	------------

BR22	Administration remarks	
------	------------------------	--

BR23	Radiocommunication Bureau comments	
------	------------------------------------	--