

START OF JOB SNSBPF 22.12.03 13.20.10 VERSION 4.17 101520396 H ng 01N  
COORDINATION REQUEST CHECK AGAINST HARD LIMITS ONLY

SNS **HARD LIMITS for AUSSAT D 160E FSS (101520396)** EXAMINATION REQUESTED BY : ng DATE: 22/12/03 13:20:10

AUS AUSSAT D 160E FSS 160.00E 0.05 0.05 11.12.01 C 101.520396

**LU 45.0 DB POINTING ACC 0.10 DEG 101.520396**

EI 16500 KHZ 11.12.01 101.659088  
1618.25000 M 16500 KHZ 30K0G7W-- -19.0 DBW (MIN) -11.0 DBW (MAX) -56.0 DBW/HZ 0001  
( 3 ) 5.364 MOB-5 16.0 REC-580 REF. BW 0.004 MHZ  
ALL WORLD 16.0 -4.0 11.0 -15.0

NA		34.5 DB POINTING ACC 0.05 DEG				101.520396			
EC		34000 KHZ	11.12.01					101.659244	
	12.28700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ			0001
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 3				130E46 08S21 INS	1.3	-138.0	
	12.32700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.6	-136.7	0002
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 3				130E46 08S21 INS	1.3	-138.0	
	12.36700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.6	-136.7	0003
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 3				130E46 08S21 INS	1.3	-138.0	
	12.40700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.6	-136.7	0004
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 3				130E46 08S21 INS	1.3	-138.0	
	12.44700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.6	-136.7	0005
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 3				130E46 08S21 INS	1.3	-138.0	
	12.48700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.6	-136.7	0006
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 3				130E46 08S21 INS	1.3	-138.0	
	12.48700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.6	-136.7	0006
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			130E46 08S21 INS	1.3	-138.0	
	12.52700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.6	-136.7	0007
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			130E46 08S21 INS	1.3	-138.0	
	12.56700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.6	-136.7	0008
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			130E46 08S21 INS	1.3	-138.0	
	12.60700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.6	-136.7	0009
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			130E46 08S21 INS	1.3	-138.0	
	12.64700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.6	-136.7	0010
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			130E46 08S21 INS	1.3	-138.0	
	12.68700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ	25.6	-136.7	0011
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			130E46 08S21 INS	1.3	-138.0	
EC		34000 KHZ	11.12.01					101.681616	
	12.72700	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ			0001
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ	
		REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			130E46 08S21 INS	1.3	-138.0	

NB		35.1 DB POINTING ACC 0.05 DEG				101.520396		
EC		34000 KHZ	11.12.01					101.659295
	12.27800	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ		0001
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ
		REGION 3				130E46 08S21 INS	1.5	-138.0
	12.31800	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ		0002
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ
		REGION 3				130E46 08S21 INS	1.5	-138.0
	12.35800	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ		0003
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ
		REGION 3				130E46 08S21 INS	1.5	-138.0
	12.39800	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ		0004
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ
		REGION 3				130E46 08S21 INS	1.5	-138.0
	12.43800	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ		0005
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ
		REGION 3				130E46 08S21 INS	1.5	-138.0
	12.47800	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ		0006
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ
		REGION 3				130E46 08S21 INS	1.5	-138.0
	12.51800	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ		0007
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ
		REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			130E46 08S21 INS	1.5	-138.0
	12.55800	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ		0008
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ
		REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			130E46 08S21 INS	1.5	-138.0
	12.59800	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ		0009
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ
		REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			130E46 08S21 INS	1.5	-138.0
	12.63800	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ		0010
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ
		REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			130E46 08S21 INS	1.5	-138.0
	12.68000	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ		0011
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ
		REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			130E46 08S21 INS	1.5	-138.0
EC		34000 KHZ	11.12.01					101.681641
	12.72000	G	34000 KHZ	30K0G7W--	9.0 DBW	-36.0 DBW/HZ		0001
		( 7 ) RR	21.16	FIXED-SATELLITE			REF. BW	0.004 MHZ
		REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3			130E46 08S21 INS	1.5	-138.0

**NZB 34.5 DB POINTING ACC 0.05 DEG**

EK ER 500 KHZ 11.12.01  
 12.74770 G 500 KHZ 432KG7D-- 20.0 DBW -37.0 DBW/HZ  
 ( 7) RR 21.16 FIXED-SATELLITE  
 REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 174E15 35S20 NZL  
 12.74870 G 500 KHZ 432KG7D-- 20.0 DBW -37.0 DBW/HZ  
 ( 7) RR 21.16 FIXED-SATELLITE  
 REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3 174E15 35S20 NZL

**101.520396**

101.659317  
 0001  
 REF. BW 0.004 MHZ  
 32.5 -130.9 7.1 -138.0  
 0002  
 REF. BW 0.004 MHZ  
 32.5 -130.9 7.1 -138.0

RA1R	31.5 DB	POINTING ACC	0.05 DEG	101.520396				
EC	36000 KHZ	11.12.01						101.659338
12.52700	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8		7.2 -148.0		
12.52700	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9		7.1 -148.0		
12.56700	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8		7.2 -148.0		
12.56700	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9		7.1 -148.0		
12.60700	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8		7.2 -148.0		
12.60700	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9		7.1 -148.0		
12.64700	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ					0004
	( 7 ) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8		7.2 -148.0		
12.64700	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ					0004
	( 7 ) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9		7.1 -148.0		
12.68700	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ					0005
	( 7 ) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8		7.2 -148.0		
12.68700	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ					0005
	( 7 ) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9		7.1 -148.0		
EC	36000 KHZ	11.12.01						101.659339
12.52700	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8		7.2 -148.0		
12.52700	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9		7.1 -148.0		
12.52700	G 36000 KHZ	444KG7W--	10.0 DBW -46.5 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3		5.7 -148.0		
12.56700	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8		7.2 -148.0		
12.56700	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9		7.1 -148.0		
12.56700	G 36000 KHZ	444KG7W--	10.0 DBW -46.5 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3		5.7 -148.0		
12.60700	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8		7.2 -148.0		
12.60700	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9		7.1 -148.0		
12.60700	G 36000 KHZ	444KG7W--	10.0 DBW -46.5 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	

	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0	
12.64700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ				0004
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0	
12.64700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ				0004
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0	
12.64700	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0004
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0	
12.68700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ				0005
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0	
12.68700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ				0005
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0	
12.68700	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0005
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0	
EC	36000 KHZ 11.12.01				101.659340
12.52700	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0001
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0	
12.52700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ				0001
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0	
12.52700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ				0001
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0	
12.56700	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0002
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0	
12.56700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ				0002
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0	
12.56700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ				0002
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0	
12.60700	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0003
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0	
12.60700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ				0003
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0	
12.60700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ				0003
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0	
12.64700	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0004
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0	
12.64700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ				0004
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0	
12.64700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ				0004
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0	
12.68700	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0005
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ	
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0	



12.52700	G	36000	KHZ	59K7G7W--	2.7 DBW	-45.1 DBW/HZ				0001
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10 46N47 CHN	31.5	-140.9	7.1	-148.0	0.004 MHZ	
12.56700	G	36000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ				0002
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10 46N47 CHN	31.5	-142.3	5.7	-148.0	0.004 MHZ	
12.56700	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ				0002
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10 46N47 CHN	31.5	-140.8	7.2	-148.0	0.004 MHZ	
12.56700	G	36000	KHZ	59K7G7W--	2.7 DBW	-45.1 DBW/HZ				0002
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10 46N47 CHN	31.5	-140.9	7.1	-148.0	0.004 MHZ	
12.60700	G	36000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ				0003
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10 46N47 CHN	31.5	-142.3	5.7	-148.0	0.004 MHZ	
12.60700	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ				0003
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10 46N47 CHN	31.5	-140.8	7.2	-148.0	0.004 MHZ	
12.60700	G	36000	KHZ	59K7G7W--	2.7 DBW	-45.1 DBW/HZ				0003
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10 46N47 CHN	31.5	-140.9	7.1	-148.0	0.004 MHZ	
12.64700	G	36000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ				0004
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10 46N47 CHN	31.5	-142.3	5.7	-148.0	0.004 MHZ	
12.64700	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ				0004
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10 46N47 CHN	31.5	-140.8	7.2	-148.0	0.004 MHZ	
12.64700	G	36000	KHZ	59K7G7W--	2.7 DBW	-45.1 DBW/HZ				0004
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10 46N47 CHN	31.5	-140.9	7.1	-148.0	0.004 MHZ	
12.68700	G	36000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ				0005
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10 46N47 CHN	31.5	-142.3	5.7	-148.0	0.004 MHZ	
12.68700	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ				0005
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10 46N47 CHN	31.5	-140.8	7.2	-148.0	0.004 MHZ	
12.68700	G	36000	KHZ	59K7G7W--	2.7 DBW	-45.1 DBW/HZ				0005
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10 46N47 CHN	31.5	-140.9	7.1	-148.0	0.004 MHZ	
EC		36000	KHZ	11.12.01						101.659343
12.52700	G	36000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ				0001
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10 46N47 CHN	31.5	-142.3	5.7	-148.0	0.004 MHZ	
12.52700	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ				0001
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10 46N47 CHN	31.5	-140.8	7.2	-148.0	0.004 MHZ	
12.56700	G	36000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ				0002
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10 46N47 CHN	31.5	-142.3	5.7	-148.0	0.004 MHZ	
12.56700	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ				0002
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10 46N47 CHN	31.5	-140.8	7.2	-148.0	0.004 MHZ	
12.60700	G	36000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ				0003
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10 46N47 CHN	31.5	-142.3	5.7	-148.0	0.004 MHZ	
12.60700	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ				0003
	( 7) RR	21.16		FIXED-SATELLITE						
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10 46N47 CHN	31.5	-140.8	7.2	-148.0	0.004 MHZ	
12.64700	G	36000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ				0004





	12.54700	G	72000	KHZ	444KG7W--	10.0	DBW	-46.5	DBW/HZ										0001
		( 7 )	RR	21.16					FIXED-SATELLITE										
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-142.3		5.7	-148.0					
	12.54700	G	72000	KHZ	89K6G7W--	4.5	DBW	-45.0	DBW/HZ										0001
		( 7 )	RR	21.16					FIXED-SATELLITE										
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-140.8		7.2	-148.0					
	12.54700	G	72000	KHZ	59K7G7W--	2.7	DBW	-45.1	DBW/HZ										0001
		( 7 )	RR	21.16					FIXED-SATELLITE										
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-140.9		7.1	-148.0					
	12.62700	G	72000	KHZ	444KG7W--	10.0	DBW	-46.5	DBW/HZ										0002
		( 7 )	RR	21.16					FIXED-SATELLITE										
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-142.3		5.7	-148.0					
	12.62700	G	72000	KHZ	89K6G7W--	4.5	DBW	-45.0	DBW/HZ										0002
		( 7 )	RR	21.16					FIXED-SATELLITE										
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-140.8		7.2	-148.0					
	12.62700	G	72000	KHZ	59K7G7W--	2.7	DBW	-45.1	DBW/HZ										0002
		( 7 )	RR	21.16					FIXED-SATELLITE										
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-140.9		7.1	-148.0					
	12.70900	G	72000	KHZ	444KG7W--	10.0	DBW	-46.5	DBW/HZ										0003
		( 7 )	RR	21.16					FIXED-SATELLITE										
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-142.3		5.7	-148.0					
	12.70900	G	72000	KHZ	89K6G7W--	4.5	DBW	-45.0	DBW/HZ										0003
		( 7 )	RR	21.16					FIXED-SATELLITE										
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-140.8		7.2	-148.0					
	12.70900	G	72000	KHZ	59K7G7W--	2.7	DBW	-45.1	DBW/HZ										0003
		( 7 )	RR	21.16					FIXED-SATELLITE										
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-140.9		7.1	-148.0					
EC				72000	KHZ	11.12.01													101.659348
	12.54700	G	72000	KHZ	444KG7W--	10.0	DBW	-46.5	DBW/HZ										0001
		( 7 )	RR	21.16					FIXED-SATELLITE										
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-142.3		5.7	-148.0					
	12.54700	G	72000	KHZ	89K6G7W--	4.5	DBW	-45.0	DBW/HZ										0001
		( 7 )	RR	21.16					FIXED-SATELLITE										
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-140.8		7.2	-148.0					
	12.54700	G	72000	KHZ	59K7G7W--	2.7	DBW	-45.1	DBW/HZ										0001
		( 7 )	RR	21.16					FIXED-SATELLITE										
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-140.9		7.1	-148.0					
	12.62700	G	72000	KHZ	444KG7W--	10.0	DBW	-46.5	DBW/HZ										0002
		( 7 )	RR	21.16					FIXED-SATELLITE										
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-142.3		5.7	-148.0					
	12.62700	G	72000	KHZ	89K6G7W--	4.5	DBW	-45.0	DBW/HZ										0002
		( 7 )	RR	21.16					FIXED-SATELLITE										
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-140.8		7.2	-148.0					
	12.62700	G	72000	KHZ	59K7G7W--	2.7	DBW	-45.1	DBW/HZ										0002
		( 7 )	RR	21.16					FIXED-SATELLITE										
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-140.9		7.1	-148.0					
	12.70900	G	72000	KHZ	444KG7W--	10.0	DBW	-46.5	DBW/HZ										0003
		( 7 )	RR	21.16					FIXED-SATELLITE										
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-142.3		5.7	-148.0					
	12.70900	G	72000	KHZ	89K6G7W--	4.5	DBW	-45.0	DBW/HZ										0003
		( 7 )	RR	21.16					FIXED-SATELLITE										
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-140.8		7.2	-148.0					
	12.70900	G	72000	KHZ	59K7G7W--	2.7	DBW	-45.1	DBW/HZ										0003
		( 7 )	RR	21.16					FIXED-SATELLITE										
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-140.9		7.1	-148.0					
EC				72000	KHZ	11.12.01													101.659349
	12.54700	G	72000	KHZ	444KG7W--	10.0	DBW	-46.5	DBW/HZ										0001
		( 7 )	RR	21.16					FIXED-SATELLITE										
		REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-142.3		5.7	-148.0					

12.54700	G	72000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ				0001
	( 7 )	RR	21.16	FIXED-SATELLITE						
	REGION 1	CTYS	OF	5.494 AND 5.496	AND REGION 3	090E10 46N47	CHN	31.5	-140.8	
12.54700	G	72000	KHZ	59K7G7W--	2.7 DBW	-45.1 DBW/HZ			7.2 -148.0	0001
	( 7 )	RR	21.16	FIXED-SATELLITE						
	REGION 1	CTYS	OF	5.494 AND 5.496	AND REGION 3	090E10 46N47	CHN	31.5	-140.9	
12.62700	G	72000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ			7.1 -148.0	0002
	( 7 )	RR	21.16	FIXED-SATELLITE						
	REGION 1	CTYS	OF	5.494 AND 5.496	AND REGION 3	090E10 46N47	CHN	31.5	-142.3	
12.62700	G	72000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ			5.7 -148.0	0002
	( 7 )	RR	21.16	FIXED-SATELLITE						
	REGION 1	CTYS	OF	5.494 AND 5.496	AND REGION 3	090E10 46N47	CHN	31.5	-140.8	
12.62700	G	72000	KHZ	59K7G7W--	2.7 DBW	-45.1 DBW/HZ			7.2 -148.0	0002
	( 7 )	RR	21.16	FIXED-SATELLITE						
	REGION 1	CTYS	OF	5.494 AND 5.496	AND REGION 3	090E10 46N47	CHN	31.5	-140.9	
12.70900	G	72000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ			7.1 -148.0	0003
	( 7 )	RR	21.16	FIXED-SATELLITE						
	REGION 1	CTYS	OF	5.494 AND 5.496	AND REGION 3	090E10 46N47	CHN	31.5	-142.3	
12.70900	G	72000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ			5.7 -148.0	0003
	( 7 )	RR	21.16	FIXED-SATELLITE						
	REGION 1	CTYS	OF	5.494 AND 5.496	AND REGION 3	090E10 46N47	CHN	31.5	-140.8	
12.70900	G	72000	KHZ	59K7G7W--	2.7 DBW	-45.1 DBW/HZ			7.2 -148.0	0003
	( 7 )	RR	21.16	FIXED-SATELLITE						
	REGION 1	CTYS	OF	5.494 AND 5.496	AND REGION 3	090E10 46N47	CHN	31.5	-140.9	
EC		72000	KHZ	11.12.01						101.659350
12.54700	G	72000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ				0001
	( 7 )	RR	21.16	FIXED-SATELLITE						
	REGION 1	CTYS	OF	5.494 AND 5.496	AND REGION 3	090E10 46N47	CHN	31.5	-142.3	
12.54700	G	72000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ			5.7 -148.0	0001
	( 7 )	RR	21.16	FIXED-SATELLITE						
	REGION 1	CTYS	OF	5.494 AND 5.496	AND REGION 3	090E10 46N47	CHN	31.5	-140.8	
12.62700	G	72000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ			7.2 -148.0	0002
	( 7 )	RR	21.16	FIXED-SATELLITE						
	REGION 1	CTYS	OF	5.494 AND 5.496	AND REGION 3	090E10 46N47	CHN	31.5	-142.3	
12.62700	G	72000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ			5.7 -148.0	0002
	( 7 )	RR	21.16	FIXED-SATELLITE						
	REGION 1	CTYS	OF	5.494 AND 5.496	AND REGION 3	090E10 46N47	CHN	31.5	-140.8	
12.70900	G	72000	KHZ	444KG7W--	10.0 DBW	-46.5 DBW/HZ			7.2 -148.0	0003
	( 7 )	RR	21.16	FIXED-SATELLITE						
	REGION 1	CTYS	OF	5.494 AND 5.496	AND REGION 3	090E10 46N47	CHN	31.5	-142.3	
12.70900	G	72000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ			5.7 -148.0	0003
	( 7 )	RR	21.16	FIXED-SATELLITE						
	REGION 1	CTYS	OF	5.494 AND 5.496	AND REGION 3	090E10 46N47	CHN	31.5	-140.8	
EC		36000	KHZ	11.12.01						101.659352
12.52700	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ				0001
	( 7 )	RR	21.16	FIXED-SATELLITE						
	REGION 1	CTYS	OF	5.494 AND 5.496	AND REGION 3	090E10 46N47	CHN	31.5	-140.8	
12.52700	G	36000	KHZ	59K7G7W--	2.7 DBW	-45.1 DBW/HZ			7.2 -148.0	0001
	( 7 )	RR	21.16	FIXED-SATELLITE						
	REGION 1	CTYS	OF	5.494 AND 5.496	AND REGION 3	090E10 46N47	CHN	31.5	-140.9	
12.56700	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ			7.1 -148.0	0002
	( 7 )	RR	21.16	FIXED-SATELLITE						
	REGION 1	CTYS	OF	5.494 AND 5.496	AND REGION 3	090E10 46N47	CHN	31.5	-140.8	
12.56700	G	36000	KHZ	59K7G7W--	2.7 DBW	-45.1 DBW/HZ			7.2 -148.0	0002
	( 7 )	RR	21.16	FIXED-SATELLITE						
	REGION 1	CTYS	OF	5.494 AND 5.496	AND REGION 3	090E10 46N47	CHN	31.5	-140.9	
12.60700	G	36000	KHZ	89K6G7W--	4.5 DBW	-45.0 DBW/HZ			7.1 -148.0	0003
	( 7 )	RR	21.16	FIXED-SATELLITE						
	REGION 1	CTYS	OF	5.494 AND 5.496	AND REGION 3	090E10 46N47	CHN	31.5	-140.8	







		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.60700	G	36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0003
	( 7 ) RR	21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0		
12.64700	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0004
	( 7 ) RR	21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
12.64700	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0004
	( 7 ) RR	21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.64700	G	36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0004
	( 7 ) RR	21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0		
12.68700	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0005
	( 7 ) RR	21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
12.68700	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0005
	( 7 ) RR	21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.68700	G	36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0005
	( 7 ) RR	21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0		
EC		36000 KHZ 11.12.01					101.659357
12.52700	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0001
	( 7 ) RR	21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
12.52700	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0001
	( 7 ) RR	21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.56700	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0002
	( 7 ) RR	21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
12.56700	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0002
	( 7 ) RR	21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.60700	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0003
	( 7 ) RR	21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
12.60700	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0003
	( 7 ) RR	21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.64700	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0004
	( 7 ) RR	21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
12.64700	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0004
	( 7 ) RR	21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.68700	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0005
	( 7 ) RR	21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
12.68700	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0005
	( 7 ) RR	21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
EC		72000 KHZ 11.12.01					101.659359
12.54700	G	72000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0001
	( 7 ) RR	21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.54700	G	72000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0001
	( 7 ) RR	21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		







		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
	12.70900	G 72000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0003
		( 7) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		0003
	12.70900	G 72000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					
		( 7) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
EC		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0		101.659364
		72000 KHZ 11.12.01					0001
	12.54700	G 72000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ			REF. BW 0.004 MHZ		
		( 7) RR 21.16 FIXED-SATELLITE			5.7 -148.0		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3			0001
	12.54700	G 72000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					
		( 7) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		0002
	12.62700	G 72000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					
		( 7) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		0002
	12.62700	G 72000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					
		( 7) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		0003
	12.70900	G 72000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					
		( 7) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		0003
	12.70900	G 72000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					
		( 7) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
EC		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		101.681662
		36000 KHZ 11.12.01					0001
	12.72700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ			REF. BW 0.004 MHZ		
		( 7) RR 21.16 FIXED-SATELLITE			7.2 -148.0		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8			0001
	12.72700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					
		( 7) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0		101.681663
EC		36000 KHZ 11.12.01					0001
	12.72700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ			REF. BW 0.004 MHZ		
		( 7) RR 21.16 FIXED-SATELLITE			7.2 -148.0		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8			0001
	12.72700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					
		( 7) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0		0001
	12.72700	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					
		( 7) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		101.681664
EC		36000 KHZ 11.12.01					0001
	12.72700	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ			REF. BW 0.004 MHZ		
		( 7) RR 21.16 FIXED-SATELLITE			5.7 -148.0		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3			0001
	12.72700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					
		( 7) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		0001
	12.72700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					
		( 7) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0		101.681665
EC		36000 KHZ 11.12.01					0001
	12.72700	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ			REF. BW 0.004 MHZ		
		( 7) RR 21.16 FIXED-SATELLITE			5.7 -148.0		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3			0001
	12.72700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					
		( 7) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		

		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
	12.72700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0001
		( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0		
EC		36000 KHZ 11.12.01					101.681666
	12.72700	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0001
		( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
	12.72700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0001
		( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
	12.72700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0001
		( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0		
EC		36000 KHZ 11.12.01					101.681667
	12.72700	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0001
		( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
	12.72700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0001
		( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
EC		36000 KHZ 11.12.01					101.681669
	12.72700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0001
		( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
	12.72700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0001
		( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0		
EC		36000 KHZ 11.12.01					101.681670
	12.72700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0001
		( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
	12.72700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0001
		( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0		
EC		36000 KHZ 11.12.01					101.681671
	12.72700	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0001
		( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
	12.72700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0001
		( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
	12.72700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0001
		( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0		
EC		36000 KHZ 11.12.01					101.681672
	12.72700	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0001
		( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
	12.72700	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0001
		( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
	12.72700	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0001
		( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0		
EC		36000 KHZ 11.12.01					101.681673

12.72700	G	36000	KHZ	444KG7W--	10.0	DBW	-46.5	DBW/HZ				0001
	( 7 )	RR	21.16					FIXED-SATELLITE				
	REGION 1	CTYS	OF	5.494	AND	5.496	AND	REGION 3	090E10	46N47	CHN	
									31.5	-142.3		
												REF. BW 0.004 MHZ
												5.7 -148.0
12.72700	G	36000	KHZ	89K6G7W--	4.5	DBW	-45.0	DBW/HZ				0001
	( 7 )	RR	21.16					FIXED-SATELLITE				
	REGION 1	CTYS	OF	5.494	AND	5.496	AND	REGION 3	090E10	46N47	CHN	
									31.5	-140.8		
												REF. BW 0.004 MHZ
												7.2 -148.0
12.72700	G	36000	KHZ	59K7G7W--	2.7	DBW	-45.1	DBW/HZ				0001
	( 7 )	RR	21.16					FIXED-SATELLITE				
	REGION 1	CTYS	OF	5.494	AND	5.496	AND	REGION 3	090E10	46N47	CHN	
									31.5	-140.9		
												REF. BW 0.004 MHZ
												7.1 -148.0
EC		36000	KHZ	11.12.01								101.681674
12.72700	G	36000	KHZ	444KG7W--	10.0	DBW	-46.5	DBW/HZ				0001
	( 7 )	RR	21.16					FIXED-SATELLITE				
	REGION 1	CTYS	OF	5.494	AND	5.496	AND	REGION 3	090E10	46N47	CHN	
									31.5	-142.3		
												REF. BW 0.004 MHZ
												5.7 -148.0
12.72700	G	36000	KHZ	89K6G7W--	4.5	DBW	-45.0	DBW/HZ				0001
	( 7 )	RR	21.16					FIXED-SATELLITE				
	REGION 1	CTYS	OF	5.494	AND	5.496	AND	REGION 3	090E10	46N47	CHN	
									31.5	-140.8		
												REF. BW 0.004 MHZ
												7.2 -148.0

RB1R	31.5 DB	POINTING ACC	0.05 DEG	101.520396				
EC	36000 KHZ	11.12.01						101.659436
12.51800	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ					0001
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8		7.2 -148.0		
12.51800	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ					0001
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9		7.1 -148.0		
12.55800	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ					0002
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8		7.2 -148.0		
12.55800	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ					0002
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9		7.1 -148.0		
12.59800	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ					0003
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8		7.2 -148.0		
12.59800	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ					0003
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9		7.1 -148.0		
12.63800	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ					0004
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8		7.2 -148.0		
12.63800	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ					0004
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9		7.1 -148.0		
12.68000	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ					0005
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8		7.2 -148.0		
12.68000	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ					0005
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9		7.1 -148.0		
EC	36000 KHZ	11.12.01						101.659437
12.51800	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ					0001
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8		7.2 -148.0		
12.51800	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ					0001
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9		7.1 -148.0		
12.51800	G 36000 KHZ	444KG7W--	10.0 DBW -46.5 DBW/HZ					0001
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3		5.7 -148.0		
12.55800	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ					0002
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8		7.2 -148.0		
12.55800	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ					0002
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9		7.1 -148.0		
12.55800	G 36000 KHZ	444KG7W--	10.0 DBW -46.5 DBW/HZ					0002
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3		5.7 -148.0		
12.59800	G 36000 KHZ	89K6G7W--	4.5 DBW -45.0 DBW/HZ					0003
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8		7.2 -148.0		
12.59800	G 36000 KHZ	59K7G7W--	2.7 DBW -45.1 DBW/HZ					0003
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9		7.1 -148.0		
12.59800	G 36000 KHZ	444KG7W--	10.0 DBW -46.5 DBW/HZ					0003
	( 7) RR 21.16	FIXED-SATELLITE				REF. BW	0.004 MHZ	

	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
12.63800	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ				0004	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.63800	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ				0004	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0		
12.63800	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0004	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
12.68000	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ				0005	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.68000	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ				0005	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0		
12.68000	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0005	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
EC	36000 KHZ 11.12.01					101.659438
12.51800	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0001	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
12.51800	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ				0001	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.51800	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ				0001	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0		
12.55800	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0002	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
12.55800	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ				0002	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.55800	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ				0002	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0		
12.59800	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0003	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
12.59800	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ				0003	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.59800	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ				0003	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0		
12.63800	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0004	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
12.63800	G 36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ				0004	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.63800	G 36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ				0004	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0		
12.68000	G 36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ				0005	
	( 7 ) RR 21.16 FIXED-SATELLITE			REF. BW 0.004 MHZ		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		















	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10	46N47	CHN	31.5	-142.3	5.7	-148.0		
EC	36000 KHZ	11.12.01									101.659452	
12.51800	G	36000	KHZ 444KG7W--	10.0	DBW	-46.5	DBW/HZ				0001	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10	46N47	CHN	31.5	-142.3	5.7	-148.0		
12.51800	G	36000	KHZ 89K6G7W--	4.5	DBW	-45.0	DBW/HZ				0001	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10	46N47	CHN	31.5	-140.8	7.2	-148.0		
12.51800	G	36000	KHZ 59K7G7W--	2.7	DBW	-45.1	DBW/HZ				0001	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10	46N47	CHN	31.5	-140.9	7.1	-148.0		
12.55800	G	36000	KHZ 444KG7W--	10.0	DBW	-46.5	DBW/HZ				0002	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10	46N47	CHN	31.5	-142.3	5.7	-148.0		
12.55800	G	36000	KHZ 89K6G7W--	4.5	DBW	-45.0	DBW/HZ				0002	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10	46N47	CHN	31.5	-140.8	7.2	-148.0		
12.55800	G	36000	KHZ 59K7G7W--	2.7	DBW	-45.1	DBW/HZ				0002	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10	46N47	CHN	31.5	-140.9	7.1	-148.0		
12.59800	G	36000	KHZ 444KG7W--	10.0	DBW	-46.5	DBW/HZ				0003	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10	46N47	CHN	31.5	-142.3	5.7	-148.0		
12.59800	G	36000	KHZ 89K6G7W--	4.5	DBW	-45.0	DBW/HZ				0003	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10	46N47	CHN	31.5	-140.8	7.2	-148.0		
12.59800	G	36000	KHZ 59K7G7W--	2.7	DBW	-45.1	DBW/HZ				0003	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10	46N47	CHN	31.5	-140.9	7.1	-148.0		
12.63800	G	36000	KHZ 444KG7W--	10.0	DBW	-46.5	DBW/HZ				0004	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10	46N47	CHN	31.5	-142.3	5.7	-148.0		
12.63800	G	36000	KHZ 89K6G7W--	4.5	DBW	-45.0	DBW/HZ				0004	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10	46N47	CHN	31.5	-140.8	7.2	-148.0		
12.63800	G	36000	KHZ 59K7G7W--	2.7	DBW	-45.1	DBW/HZ				0004	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10	46N47	CHN	31.5	-140.9	7.1	-148.0		
12.68000	G	36000	KHZ 444KG7W--	10.0	DBW	-46.5	DBW/HZ				0005	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10	46N47	CHN	31.5	-142.3	5.7	-148.0		
12.68000	G	36000	KHZ 89K6G7W--	4.5	DBW	-45.0	DBW/HZ				0005	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10	46N47	CHN	31.5	-140.8	7.2	-148.0		
12.68000	G	36000	KHZ 59K7G7W--	2.7	DBW	-45.1	DBW/HZ				0005	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10	46N47	CHN	31.5	-140.9	7.1	-148.0		
EC	36000 KHZ	11.12.01									101.659453	
12.51800	G	36000	KHZ 444KG7W--	10.0	DBW	-46.5	DBW/HZ				0001	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10	46N47	CHN	31.5	-142.3	5.7	-148.0		
12.51800	G	36000	KHZ 89K6G7W--	4.5	DBW	-45.0	DBW/HZ				0001	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10	46N47	CHN	31.5	-140.8	7.2	-148.0		
12.51800	G	36000	KHZ 59K7G7W--	2.7	DBW	-45.1	DBW/HZ				0001	
	( 7) RR 21.16		FIXED-SATELLITE						REF. BW	0.004	MHZ	
	REGION 1 CTYS	OF 5.494 AND 5.496 AND REGION 3		090E10	46N47	CHN	31.5	-140.9	7.1	-148.0		
12.55800	G	36000	KHZ 444KG7W--	10.0	DBW	-46.5	DBW/HZ				0002	



		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.59800	G	36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0		
12.63800	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0004
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
12.63800	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0004
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.63800	G	36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0004
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0		
12.68000	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0005
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
12.68000	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0005
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.68000	G	36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0005
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0		
EC		36000 KHZ 11.12.01					101.659455
12.51800	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
12.51800	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.55800	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
12.55800	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.59800	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
12.59800	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.63800	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0004
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
12.63800	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0004
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.68000	G	36000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0005
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
12.68000	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0005
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
EC		72000 KHZ 11.12.01					101.659457
12.53800	G	72000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.53800	G	72000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		







		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
12.70000	G	72000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.70000	G	72000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.9	7.1 -148.0		
EC		72000 KHZ 11.12.01					101.659462
12.53800	G	72000 KHZ 36M0F3F-- 22.5 DBW -40.5 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -136.3	11.7 -148.0		
12.53800	G	72000 KHZ 27M0F9W-- 22.5 DBW -40.5 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -136.3	11.7 -148.0		
12.53800	G	72000 KHZ 27M0F3F-- 22.5 DBW -40.5 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -136.3	11.7 -148.0		
12.53800	G	72000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
12.53800	G	72000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.61800	G	72000 KHZ 36M0F3F-- 22.5 DBW -40.5 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -136.3	11.7 -148.0		
12.61800	G	72000 KHZ 27M0F9W-- 22.5 DBW -40.5 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -136.3	11.7 -148.0		
12.61800	G	72000 KHZ 27M0F3F-- 22.5 DBW -40.5 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -136.3	11.7 -148.0		
12.61800	G	72000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
12.61800	G	72000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0002
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.70000	G	72000 KHZ 36M0F3F-- 22.5 DBW -40.5 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -136.3	11.7 -148.0		
12.70000	G	72000 KHZ 27M0F9W-- 22.5 DBW -40.5 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -136.3	11.7 -148.0		
12.70000	G	72000 KHZ 27M0F3F-- 22.5 DBW -40.5 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -136.3	11.7 -148.0		
12.70000	G	72000 KHZ 444KG7W-- 10.0 DBW -46.5 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -142.3	5.7 -148.0		
12.70000	G	72000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0003
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
EC		36000 KHZ 11.12.01					101.681704
12.72000	G	36000 KHZ 89K6G7W-- 4.5 DBW -45.0 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		
		REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	090E10 46N47 CHN	31.5 -140.8	7.2 -148.0		
12.72000	G	36000 KHZ 59K7G7W-- 2.7 DBW -45.1 DBW/HZ					0001
	( 7 ) RR 21.16	FIXED-SATELLITE			REF. BW 0.004 MHZ		



12.72000	G	36000	KHZ	59K7G7W--	2.7	DBW	-45.1	DBW/HZ				0001
	( 7 )	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-140.9	7.1	-148.0
12.72000	G	36000	KHZ	444KG7W--	10.0	DBW	-46.5	DBW/HZ				0001
	( 7 )	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-142.3	5.7	-148.0
EC		36000	KHZ	11.12.01								101.681713
12.72000	G	36000	KHZ	444KG7W--	10.0	DBW	-46.5	DBW/HZ				0001
	( 7 )	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-142.3	5.7	-148.0
12.72000	G	36000	KHZ	89K6G7W--	4.5	DBW	-45.0	DBW/HZ				0001
	( 7 )	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-140.8	7.2	-148.0
12.72000	G	36000	KHZ	59K7G7W--	2.7	DBW	-45.1	DBW/HZ				0001
	( 7 )	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-140.9	7.1	-148.0
EC		36000	KHZ	11.12.01								101.681714
12.72000	G	36000	KHZ	444KG7W--	10.0	DBW	-46.5	DBW/HZ				0001
	( 7 )	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-142.3	5.7	-148.0
12.72000	G	36000	KHZ	89K6G7W--	4.5	DBW	-45.0	DBW/HZ				0001
	( 7 )	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-140.8	7.2	-148.0
12.72000	G	36000	KHZ	59K7G7W--	2.7	DBW	-45.1	DBW/HZ				0001
	( 7 )	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-140.9	7.1	-148.0
EC		36000	KHZ	11.12.01								101.681715
12.72000	G	36000	KHZ	444KG7W--	10.0	DBW	-46.5	DBW/HZ				0001
	( 7 )	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-142.3	5.7	-148.0
12.72000	G	36000	KHZ	89K6G7W--	4.5	DBW	-45.0	DBW/HZ				0001
	( 7 )	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-140.8	7.2	-148.0
12.72000	G	36000	KHZ	59K7G7W--	2.7	DBW	-45.1	DBW/HZ				0001
	( 7 )	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-140.9	7.1	-148.0
EC		36000	KHZ	11.12.01								101.681716
12.72000	G	36000	KHZ	444KG7W--	10.0	DBW	-46.5	DBW/HZ				0001
	( 7 )	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-142.3	5.7	-148.0
12.72000	G	36000	KHZ	89K6G7W--	4.5	DBW	-45.0	DBW/HZ				0001
	( 7 )	RR	21.16	FIXED-SATELLITE								
	REGION 1	CTYS	OF	5.494 AND 5.496 AND REGION 3	090E10	46N47	CHN		31.5	-140.8	7.2	-148.0

RB3R	31.5 DB	POINTING ACC 0.05 DEG	101.520396	
EC	72000 KHZ	11.12.01		101.659532
12.29600	G 72000 KHZ	36M0F3F-- 22.5 DBW -40.5 DBW/HZ		0001
	( 7 ) RR 21.16	FIXED-SATELLITE		
	REGION 3	084E58 23N58 IND	31.5 -136.3	REF. BW 0.004 MHZ
				11.7 -148.0
12.29600	G 72000 KHZ	27M0F9W-- 22.5 DBW -40.5 DBW/HZ		0001
	( 7 ) RR 21.16	FIXED-SATELLITE		
	REGION 3	084E58 23N58 IND	31.5 -136.3	REF. BW 0.004 MHZ
				11.7 -148.0
12.29600	G 72000 KHZ	27M0F3F-- 22.5 DBW -40.5 DBW/HZ		0001
	( 7 ) RR 21.16	FIXED-SATELLITE		
	REGION 3	084E58 23N58 IND	31.5 -136.3	REF. BW 0.004 MHZ
				11.7 -148.0
12.37800	G 72000 KHZ	36M0F3F-- 22.5 DBW -40.5 DBW/HZ		0002
	( 7 ) RR 21.16	FIXED-SATELLITE		
	REGION 3	084E58 23N58 IND	31.5 -136.3	REF. BW 0.004 MHZ
				11.7 -148.0
12.37800	G 72000 KHZ	27M0F9W-- 22.5 DBW -40.5 DBW/HZ		0002
	( 7 ) RR 21.16	FIXED-SATELLITE		
	REGION 3	084E58 23N58 IND	31.5 -136.3	REF. BW 0.004 MHZ
				11.7 -148.0
12.37800	G 72000 KHZ	27M0F3F-- 22.5 DBW -40.5 DBW/HZ		0002
	( 7 ) RR 21.16	FIXED-SATELLITE		
	REGION 3	084E58 23N58 IND	31.5 -136.3	REF. BW 0.004 MHZ
				11.7 -148.0
12.45800	G 72000 KHZ	36M0F3F-- 22.5 DBW -40.5 DBW/HZ		0003
	( 7 ) RR 21.16	FIXED-SATELLITE		
	REGION 3	084E58 23N58 IND	31.5 -136.3	REF. BW 0.004 MHZ
				11.7 -148.0
12.45800	G 72000 KHZ	27M0F9W-- 22.5 DBW -40.5 DBW/HZ		0003
	( 7 ) RR 21.16	FIXED-SATELLITE		
	REGION 3	084E58 23N58 IND	31.5 -136.3	REF. BW 0.004 MHZ
				11.7 -148.0
12.45800	G 72000 KHZ	27M0F3F-- 22.5 DBW -40.5 DBW/HZ		0003
	( 7 ) RR 21.16	FIXED-SATELLITE		
	REGION 3	084E58 23N58 IND	31.5 -136.3	REF. BW 0.004 MHZ
				11.7 -148.0
12.53800	G 72000 KHZ	36M0F3F-- 22.5 DBW -40.5 DBW/HZ		0004
	( 7 ) RR 21.16	FIXED-SATELLITE		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	084E58 23N58 IND	31.5 -136.3	REF. BW 0.004 MHZ
				11.7 -148.0
12.53800	G 72000 KHZ	27M0F9W-- 22.5 DBW -40.5 DBW/HZ		0004
	( 7 ) RR 21.16	FIXED-SATELLITE		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	084E58 23N58 IND	31.5 -136.3	REF. BW 0.004 MHZ
				11.7 -148.0
12.53800	G 72000 KHZ	27M0F3F-- 22.5 DBW -40.5 DBW/HZ		0004
	( 7 ) RR 21.16	FIXED-SATELLITE		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	084E58 23N58 IND	31.5 -136.3	REF. BW 0.004 MHZ
				11.7 -148.0
12.61800	G 72000 KHZ	36M0F3F-- 22.5 DBW -40.5 DBW/HZ		0005
	( 7 ) RR 21.16	FIXED-SATELLITE		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	084E58 23N58 IND	31.5 -136.3	REF. BW 0.004 MHZ
				11.7 -148.0
12.61800	G 72000 KHZ	27M0F9W-- 22.5 DBW -40.5 DBW/HZ		0005
	( 7 ) RR 21.16	FIXED-SATELLITE		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	084E58 23N58 IND	31.5 -136.3	REF. BW 0.004 MHZ
				11.7 -148.0
12.61800	G 72000 KHZ	27M0F3F-- 22.5 DBW -40.5 DBW/HZ		0005
	( 7 ) RR 21.16	FIXED-SATELLITE		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	084E58 23N58 IND	31.5 -136.3	REF. BW 0.004 MHZ
				11.7 -148.0
12.70000	G 72000 KHZ	36M0F3F-- 22.5 DBW -40.5 DBW/HZ		0006
	( 7 ) RR 21.16	FIXED-SATELLITE		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	084E58 23N58 IND	31.5 -136.3	REF. BW 0.004 MHZ
				11.7 -148.0
12.70000	G 72000 KHZ	27M0F9W-- 22.5 DBW -40.5 DBW/HZ		0006
	( 7 ) RR 21.16	FIXED-SATELLITE		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	084E58 23N58 IND	31.5 -136.3	REF. BW 0.004 MHZ
				11.7 -148.0
12.70000	G 72000 KHZ	27M0F3F-- 22.5 DBW -40.5 DBW/HZ		0006
	( 7 ) RR 21.16	FIXED-SATELLITE		
	REGION 1 CTYS OF 5.494 AND 5.496 AND REGION 3	084E58 23N58 IND	31.5 -136.3	REF. BW 0.004 MHZ
				11.7 -148.0

