

START OF JOB SNSBPF 22.12.03 17.48.26 VERSION 4.17 100520477 H kim 01N  
 COORDINATION REQUEST CHECK AGAINST HARD LIMITS ONLY

SNS **HARD LIMITS for THAICOM-W4 (100520477)** EXAMINATION REQUESTED BY : kim DATE: 22/12/03 17:48:26

THA	THAICOM-W4	134.00W	0.10	0.10	12.12.00		C 100.520477
<b>G2R</b>	<b>34.0 DB</b>	<b>POINTING ACC</b>	<b>0.05 DEG</b>			<b>100.520477</b>	
EC	250000 KHZ	12.12.00					100.627546
13.87500	G 250000 KHZ	50M0G7W--	13.7 DBW (MIN)	39.7 DBW (MAX)	-37.3 DBW/HZ		0001
	( 4 ) 5.502			TYPICAL-0.6M	36.7 REC-580		
	ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
13.87500	G 250000 KHZ	2M00G7W--	-0.3 DBW (MIN)	25.7 DBW (MAX)	-37.3 DBW/HZ		0001
	( 4 ) 5.502			TYPICAL-0.6M	36.7 REC-580		
	ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
13.87500	G 250000 KHZ	128KG7W--	-12.2 DBW (MIN)	13.8 DBW (MAX)	-37.3 DBW/HZ		0001
	( 4 ) 5.502			TYPICAL-0.6M	36.7 REC-580		
	ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
EC	250000 KHZ	12.12.00					100.627547
13.87500	G 250000 KHZ	50M0G7W--	7.7 DBW (MIN)	33.7 DBW (MAX)	-43.3 DBW/HZ		0001
	( 4 ) 5.502			TYPICAL-1.2M	42.7 REC-580		
	ANTENNA DIAM.	1.2 MIN. ALLOWED	4.5				
13.87500	G 250000 KHZ	2M00G7W--	-6.3 DBW (MIN)	19.7 DBW (MAX)	-43.3 DBW/HZ		0001
	( 4 ) 5.502			TYPICAL-1.2M	42.7 REC-580		
	ANTENNA DIAM.	1.2 MIN. ALLOWED	4.5				
13.87500	G 250000 KHZ	128KG7W--	-18.2 DBW (MIN)	7.7 DBW (MAX)	-43.3 DBW/HZ		0001
	( 4 ) 5.502			TYPICAL-1.2M	42.7 REC-580		
	ANTENNA DIAM.	1.2 MIN. ALLOWED	4.5				
EC	250000 KHZ	12.12.00					100.627548
13.87500	G 250000 KHZ	50M0G7W--	4.2 DBW (MIN)	30.1 DBW (MAX)	-46.9 DBW/HZ		0001
	( 4 ) 5.502			TYPICAL-1.8M	46.2 REC-580		
	ANTENNA DIAM.	1.8 MIN. ALLOWED	4.5				
13.87500	G 250000 KHZ	2M00G7W--	-9.8 DBW (MIN)	16.2 DBW (MAX)	-46.9 DBW/HZ		0001
	( 4 ) 5.502			TYPICAL-1.8M	46.2 REC-580		
	ANTENNA DIAM.	1.8 MIN. ALLOWED	4.5				
13.87500	G 250000 KHZ	128KG7W--	-21.7 DBW (MIN)	4.2 DBW (MAX)	-46.9 DBW/HZ		0001
	( 4 ) 5.502			TYPICAL-1.8M	46.2 REC-580		
	ANTENNA DIAM.	1.8 MIN. ALLOWED	4.5				
EC	50000 KHZ	12.12.00					100.627550
13.77500	G 50000 KHZ	50M0G7W--	13.7 DBW (MIN)	39.7 DBW (MAX)	-37.3 DBW/HZ		0001
	( 4 ) 5.502			TYPICAL-0.6M	36.7 REC-580		
	ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
13.77500	G 50000 KHZ	2M00G7W--	-0.3 DBW (MIN)	25.7 DBW (MAX)	-37.3 DBW/HZ		0001
	( 4 ) 5.502			TYPICAL-0.6M	36.7 REC-580		
	ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
13.77500	G 50000 KHZ	128KG7W--	-12.2 DBW (MIN)	13.8 DBW (MAX)	-37.3 DBW/HZ		0001
	( 4 ) 5.502			TYPICAL-0.6M	36.7 REC-580		
	ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
13.97500	G 50000 KHZ	50M0G7W--	13.7 DBW (MIN)	39.7 DBW (MAX)	-37.3 DBW/HZ		0002
	( 4 ) 5.502			TYPICAL-0.6M	36.7 REC-580		
	ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
13.97500	G 50000 KHZ	2M00G7W--	-0.3 DBW (MIN)	25.7 DBW (MAX)	-37.3 DBW/HZ		0002
	( 4 ) 5.502			TYPICAL-0.6M	36.7 REC-580		
	ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
13.97500	G 50000 KHZ	128KG7W--	-12.2 DBW (MIN)	13.8 DBW (MAX)	-37.3 DBW/HZ		0002
	( 4 ) 5.502			TYPICAL-0.6M	36.7 REC-580		
	ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
EC	50000 KHZ	12.12.00					100.627551
13.77500	G 50000 KHZ	50M0G7W--	7.7 DBW (MIN)	33.7 DBW (MAX)	-43.3 DBW/HZ		0001
	( 4 ) 5.502			TYPICAL-1.2M	42.7 REC-580		

	ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5							
13.77500	G	50000	KHZ	2M00G7W--	-6.3	DBW (MIN)	19.7	DBW (MAX)	-43.3	DBW/HZ	0001
	( 4 )	5.502					TYPICAL-1.2M		42.7	REC-580	
	ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5							
13.77500	G	50000	KHZ	128KG7W--	-18.2	DBW (MIN)	7.7	DBW (MAX)	-43.3	DBW/HZ	0001
	( 4 )	5.502					TYPICAL-1.2M		42.7	REC-580	
	ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5							
13.97500	G	50000	KHZ	50M0G7W--	7.7	DBW (MIN)	33.7	DBW (MAX)	-43.3	DBW/HZ	0002
	( 4 )	5.502					TYPICAL-1.2M		42.7	REC-580	
	ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5							
13.97500	G	50000	KHZ	2M00G7W--	-6.3	DBW (MIN)	19.7	DBW (MAX)	-43.3	DBW/HZ	0002
	( 4 )	5.502					TYPICAL-1.2M		42.7	REC-580	
	ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5							
13.97500	G	50000	KHZ	128KG7W--	-18.2	DBW (MIN)	7.7	DBW (MAX)	-43.3	DBW/HZ	0002
	( 4 )	5.502					TYPICAL-1.2M		42.7	REC-580	
EC	ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5							
	50000	KHZ	12.12.00							100.627552	
13.77500	G	50000	KHZ	50M0G7W--	4.2	DBW (MIN)	30.1	DBW (MAX)	-46.9	DBW/HZ	0001
	( 4 )	5.502					TYPICAL-1.8M		46.2	REC-580	
	ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5							
13.77500	G	50000	KHZ	2M00G7W--	-9.8	DBW (MIN)	16.2	DBW (MAX)	-46.9	DBW/HZ	0001
	( 4 )	5.502					TYPICAL-1.8M		46.2	REC-580	
	ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5							
13.77500	G	50000	KHZ	128KG7W--	-21.7	DBW (MIN)	4.2	DBW (MAX)	-46.9	DBW/HZ	0001
	( 4 )	5.502					TYPICAL-1.8M		46.2	REC-580	
	ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5							
13.97500	G	50000	KHZ	50M0G7W--	4.2	DBW (MIN)	30.1	DBW (MAX)	-46.9	DBW/HZ	0002
	( 4 )	5.502					TYPICAL-1.8M		46.2	REC-580	
	ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5							
13.97500	G	50000	KHZ	2M00G7W--	-9.8	DBW (MIN)	16.2	DBW (MAX)	-46.9	DBW/HZ	0002
	( 4 )	5.502					TYPICAL-1.8M		46.2	REC-580	
	ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5							
13.97500	G	50000	KHZ	128KG7W--	-21.7	DBW (MIN)	4.2	DBW (MAX)	-46.9	DBW/HZ	0002
	( 4 )	5.502					TYPICAL-1.8M		46.2	REC-580	
EC	ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5							
	250000	KHZ	12.12.00							100.627554	
13.87500	G	250000	KHZ	50M0G7W--	13.7	DBW (MIN)	39.7	DBW (MAX)	-37.3	DBW/HZ	0001
	( 4 )	5.502					TYPICAL-0.6M		36.7	REC-580	
	ANTENNA DIAM.	0.6	MIN. ALLOWED	4.5							
13.87500	G	250000	KHZ	2M00G7W--	-0.3	DBW (MIN)	25.7	DBW (MAX)	-37.3	DBW/HZ	0001
	( 4 )	5.502					TYPICAL-0.6M		36.7	REC-580	
	ANTENNA DIAM.	0.6	MIN. ALLOWED	4.5							
13.87500	G	250000	KHZ	128KG7W--	-12.2	DBW (MIN)	13.8	DBW (MAX)	-37.3	DBW/HZ	0001
	( 4 )	5.502					TYPICAL-0.6M		36.7	REC-580	
EC	ANTENNA DIAM.	0.6	MIN. ALLOWED	4.5							
	250000	KHZ	12.12.00							100.627557	
13.87500	G	250000	KHZ	50M0G7W--	7.7	DBW (MIN)	33.7	DBW (MAX)	-43.3	DBW/HZ	0001
	( 4 )	5.502					TYPICAL-1.2M		42.7	REC-580	
	ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5							
13.87500	G	250000	KHZ	2M00G7W--	-6.3	DBW (MIN)	19.7	DBW (MAX)	-43.3	DBW/HZ	0001
	( 4 )	5.502					TYPICAL-1.2M		42.7	REC-580	
	ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5							
13.87500	G	250000	KHZ	128KG7W--	-18.2	DBW (MIN)	7.7	DBW (MAX)	-43.3	DBW/HZ	0001
	( 4 )	5.502					TYPICAL-1.2M		42.7	REC-580	
EC	ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5							
	250000	KHZ	12.12.00							100.627558	
13.87500	G	250000	KHZ	50M0G7W--	4.2	DBW (MIN)	30.1	DBW (MAX)	-46.9	DBW/HZ	0001
	( 4 )	5.502					TYPICAL-1.8M		46.2	REC-580	
	ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5							

	13.87500	G	250000	KHZ	2M00G7W--	-9.8	DBW (MIN)	16.2	DBW (MAX)	-46.9	DBW/HZ	0001
			( 4)	5.502				TYPICAL-1.8M		46.2	REC-580	
			ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5						
	13.87500	G	250000	KHZ	128KG7W--	-21.7	DBW (MIN)	4.2	DBW (MAX)	-46.9	DBW/HZ	0001
			( 4)	5.502				TYPICAL-1.8M		46.2	REC-580	
			ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5						
EC			50000	KHZ	12.12.00							100.627560
	13.77500	G	50000	KHZ	50M0G7W--	13.7	DBW (MIN)	39.7	DBW (MAX)	-37.3	DBW/HZ	0001
			( 4)	5.502				TYPICAL-0.6M		36.7	REC-580	
			ANTENNA DIAM.	0.6	MIN. ALLOWED	4.5						
	13.77500	G	50000	KHZ	2M00G7W--	-0.3	DBW (MIN)	25.7	DBW (MAX)	-37.3	DBW/HZ	0001
			( 4)	5.502				TYPICAL-0.6M		36.7	REC-580	
			ANTENNA DIAM.	0.6	MIN. ALLOWED	4.5						
	13.77500	G	50000	KHZ	128KG7W--	-12.2	DBW (MIN)	13.8	DBW (MAX)	-37.3	DBW/HZ	0001
			( 4)	5.502				TYPICAL-0.6M		36.7	REC-580	
			ANTENNA DIAM.	0.6	MIN. ALLOWED	4.5						
	13.97500	G	50000	KHZ	50M0G7W--	13.7	DBW (MIN)	39.7	DBW (MAX)	-37.3	DBW/HZ	0002
			( 4)	5.502				TYPICAL-0.6M		36.7	REC-580	
			ANTENNA DIAM.	0.6	MIN. ALLOWED	4.5						
	13.97500	G	50000	KHZ	2M00G7W--	-0.3	DBW (MIN)	25.7	DBW (MAX)	-37.3	DBW/HZ	0002
			( 4)	5.502				TYPICAL-0.6M		36.7	REC-580	
			ANTENNA DIAM.	0.6	MIN. ALLOWED	4.5						
	13.97500	G	50000	KHZ	128KG7W--	-12.2	DBW (MIN)	13.8	DBW (MAX)	-37.3	DBW/HZ	0002
			( 4)	5.502				TYPICAL-0.6M		36.7	REC-580	
			ANTENNA DIAM.	0.6	MIN. ALLOWED	4.5						
EC			50000	KHZ	12.12.00							100.627561
	13.77500	G	50000	KHZ	50M0G7W--	7.7	DBW (MIN)	33.7	DBW (MAX)	-43.3	DBW/HZ	0001
			( 4)	5.502				TYPICAL-1.2M		42.7	REC-580	
			ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5						
	13.77500	G	50000	KHZ	2M00G7W--	-6.3	DBW (MIN)	19.7	DBW (MAX)	-43.3	DBW/HZ	0001
			( 4)	5.502				TYPICAL-1.2M		42.7	REC-580	
			ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5						
	13.77500	G	50000	KHZ	128KG7W--	-18.2	DBW (MIN)	7.7	DBW (MAX)	-43.3	DBW/HZ	0001
			( 4)	5.502				TYPICAL-1.2M		42.7	REC-580	
			ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5						
	13.97500	G	50000	KHZ	50M0G7W--	7.7	DBW (MIN)	33.7	DBW (MAX)	-43.3	DBW/HZ	0002
			( 4)	5.502				TYPICAL-1.2M		42.7	REC-580	
			ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5						
	13.97500	G	50000	KHZ	2M00G7W--	-6.3	DBW (MIN)	19.7	DBW (MAX)	-43.3	DBW/HZ	0002
			( 4)	5.502				TYPICAL-1.2M		42.7	REC-580	
			ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5						
	13.97500	G	50000	KHZ	128KG7W--	-18.2	DBW (MIN)	7.7	DBW (MAX)	-43.3	DBW/HZ	0002
			( 4)	5.502				TYPICAL-1.2M		42.7	REC-580	
			ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5						
EC			50000	KHZ	12.12.00							100.627562
	13.77500	G	50000	KHZ	50M0G7W--	4.2	DBW (MIN)	30.1	DBW (MAX)	-46.9	DBW/HZ	0001
			( 4)	5.502				TYPICAL-1.8M		46.2	REC-580	
			ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5						
	13.77500	G	50000	KHZ	2M00G7W--	-9.8	DBW (MIN)	16.2	DBW (MAX)	-46.9	DBW/HZ	0001
			( 4)	5.502				TYPICAL-1.8M		46.2	REC-580	
			ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5						
	13.77500	G	50000	KHZ	128KG7W--	-21.7	DBW (MIN)	4.2	DBW (MAX)	-46.9	DBW/HZ	0001
			( 4)	5.502				TYPICAL-1.8M		46.2	REC-580	
			ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5						
	13.97500	G	50000	KHZ	50M0G7W--	4.2	DBW (MIN)	30.1	DBW (MAX)	-46.9	DBW/HZ	0002
			( 4)	5.502				TYPICAL-1.8M		46.2	REC-580	
			ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5						
	13.97500	G	50000	KHZ	2M00G7W--	-9.8	DBW (MIN)	16.2	DBW (MAX)	-46.9	DBW/HZ	0002
			( 4)	5.502				TYPICAL-1.8M		46.2	REC-580	
			ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5						

13.97500 G ANTENNA DIAM. 1.8 MIN. ALLOWED 4.5  
50000 KHZ 128KG7W-- -21.7 DBW (MIN) 4.2 DBW (MAX) -46.9 DBW/HZ 0002  
( 4) 5.502 TYPICAL-1.8M 46.2 REC-580  
ANTENNA DIAM. 1.8 MIN. ALLOWED 4.5

G3R		34.0 DB POINTING ACC 0.05 DEG				100.520477		
EC		250000 KHZ	12.12.00					100.627659
13.87500	G	250000 KHZ	50M0G7W--	13.7 DBW (MIN)	39.7 DBW (MAX)	-37.3 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-0.6M	36.7 REC-580		
		ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
13.87500	G	250000 KHZ	2M00G7W--	-0.3 DBW (MIN)	25.7 DBW (MAX)	-37.3 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-0.6M	36.7 REC-580		
		ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
13.87500	G	250000 KHZ	128KG7W--	-12.2 DBW (MIN)	13.8 DBW (MAX)	-37.3 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-0.6M	36.7 REC-580		
		ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
EC		250000 KHZ	12.12.00					100.627660
13.87500	G	250000 KHZ	50M0G7W--	7.7 DBW (MIN)	33.7 DBW (MAX)	-43.3 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-1.2M	42.7 REC-580		
		ANTENNA DIAM.	1.2 MIN. ALLOWED	4.5				
13.87500	G	250000 KHZ	2M00G7W--	-6.3 DBW (MIN)	19.7 DBW (MAX)	-43.3 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-1.2M	42.7 REC-580		
		ANTENNA DIAM.	1.2 MIN. ALLOWED	4.5				
13.87500	G	250000 KHZ	128KG7W--	-18.2 DBW (MIN)	7.7 DBW (MAX)	-43.3 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-1.2M	42.7 REC-580		
		ANTENNA DIAM.	1.2 MIN. ALLOWED	4.5				
EC		250000 KHZ	12.12.00					100.627661
13.87500	G	250000 KHZ	50M0G7W--	4.2 DBW (MIN)	30.1 DBW (MAX)	-46.9 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-1.8M	46.2 REC-580		
		ANTENNA DIAM.	1.8 MIN. ALLOWED	4.5				
13.87500	G	250000 KHZ	2M00G7W--	-9.8 DBW (MIN)	16.2 DBW (MAX)	-46.9 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-1.8M	46.2 REC-580		
		ANTENNA DIAM.	1.8 MIN. ALLOWED	4.5				
13.87500	G	250000 KHZ	128KG7W--	-21.7 DBW (MIN)	4.2 DBW (MAX)	-46.9 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-1.8M	46.2 REC-580		
		ANTENNA DIAM.	1.8 MIN. ALLOWED	4.5				
EC		250000 KHZ	12.12.00					100.627663
13.87500	G	250000 KHZ	50M0G7W--	13.7 DBW (MIN)	39.7 DBW (MAX)	-37.3 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-0.6M	36.7 REC-580		
		ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
13.87500	G	250000 KHZ	2M00G7W--	-0.3 DBW (MIN)	25.7 DBW (MAX)	-37.3 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-0.6M	36.7 REC-580		
		ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
13.87500	G	250000 KHZ	128KG7W--	-12.2 DBW (MIN)	13.8 DBW (MAX)	-37.3 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-0.6M	36.7 REC-580		
		ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
EC		250000 KHZ	12.12.00					100.627664
13.87500	G	250000 KHZ	50M0G7W--	7.7 DBW (MIN)	33.7 DBW (MAX)	-43.3 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-1.2M	42.7 REC-580		
		ANTENNA DIAM.	1.2 MIN. ALLOWED	4.5				
13.87500	G	250000 KHZ	2M00G7W--	-6.3 DBW (MIN)	19.7 DBW (MAX)	-43.3 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-1.2M	42.7 REC-580		
		ANTENNA DIAM.	1.2 MIN. ALLOWED	4.5				
13.87500	G	250000 KHZ	128KG7W--	-18.2 DBW (MIN)	7.7 DBW (MAX)	-43.3 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-1.2M	42.7 REC-580		
		ANTENNA DIAM.	1.2 MIN. ALLOWED	4.5				
EC		250000 KHZ	12.12.00					100.627665
13.87500	G	250000 KHZ	50M0G7W--	4.2 DBW (MIN)	30.1 DBW (MAX)	-46.9 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-1.8M	46.2 REC-580		
		ANTENNA DIAM.	1.8 MIN. ALLOWED	4.5				
13.87500	G	250000 KHZ	2M00G7W--	-9.8 DBW (MIN)	16.2 DBW (MAX)	-46.9 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-1.8M	46.2 REC-580		
		ANTENNA DIAM.	1.8 MIN. ALLOWED	4.5				
13.87500	G	250000 KHZ	128KG7W--	-21.7 DBW (MIN)	4.2 DBW (MAX)	-46.9 DBW/HZ		0001

( 4 ) 5.502  
ANTENNA DIAM. 1.8 MIN. ALLOWED 4.5 TYPICAL-1.8M 46.2 REC-580

S2R		46.0 DB POINTING ACC 0.05 DEG				100.520477		
EC		50000 KHZ	12.12.00				100.627538	
13.77500	G	50000 KHZ	50M0G7W--	1.8 DBW (MIN)	29.7 DBW (MAX)	-47.3 DBW/HZ	0001	
	( 4 )	5.502			TYPICAL-0.6M	36.7 REC-580		
		ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
13.77500	G	50000 KHZ	2M00G7W--	-12.2 DBW (MIN)	15.7 DBW (MAX)	-47.3 DBW/HZ	0001	
	( 4 )	5.502			TYPICAL-0.6M	36.7 REC-580		
		ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
13.77500	G	50000 KHZ	128KG7W--	-24.1 DBW (MIN)	3.8 DBW (MAX)	-47.3 DBW/HZ	0001	
	( 4 )	5.502			TYPICAL-0.6M	36.7 REC-580		
		ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
13.97500	G	50000 KHZ	50M0G7W--	1.8 DBW (MIN)	29.7 DBW (MAX)	-47.3 DBW/HZ	0002	
	( 4 )	5.502			TYPICAL-0.6M	36.7 REC-580		
		ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
13.97500	G	50000 KHZ	2M00G7W--	-12.2 DBW (MIN)	15.7 DBW (MAX)	-47.3 DBW/HZ	0002	
	( 4 )	5.502			TYPICAL-0.6M	36.7 REC-580		
		ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
13.97500	G	50000 KHZ	128KG7W--	-24.1 DBW (MIN)	3.8 DBW (MAX)	-47.3 DBW/HZ	0002	
	( 4 )	5.502			TYPICAL-0.6M	36.7 REC-580		
		ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
EC		50000 KHZ	12.12.00				100.627539	
13.77500	G	50000 KHZ	50M0G7W--	-4.2 DBW (MIN)	23.6 DBW (MAX)	-53.3 DBW/HZ	0001	
	( 4 )	5.502			TYPICAL-1.2M	42.7 REC-580		
		ANTENNA DIAM.	1.2 MIN. ALLOWED	4.5				
13.77500	G	50000 KHZ	2M00G7W--	-18.2 DBW (MIN)	9.6 DBW (MAX)	-53.3 DBW/HZ	0001	
	( 4 )	5.502			TYPICAL-1.2M	42.7 REC-580		
		ANTENNA DIAM.	1.2 MIN. ALLOWED	4.5				
13.77500	G	50000 KHZ	128KG7W--	-30.1 DBW (MIN)	-2.3 DBW (MAX)	-53.3 DBW/HZ	0001	
	( 4 )	5.502			TYPICAL-1.2M	42.7 REC-580		
		ANTENNA DIAM.	1.2 MIN. ALLOWED	4.5				
13.97500	G	50000 KHZ	50M0G7W--	-4.2 DBW (MIN)	23.6 DBW (MAX)	-53.3 DBW/HZ	0002	
	( 4 )	5.502			TYPICAL-1.2M	42.7 REC-580		
		ANTENNA DIAM.	1.2 MIN. ALLOWED	4.5				
13.97500	G	50000 KHZ	2M00G7W--	-18.2 DBW (MIN)	9.6 DBW (MAX)	-53.3 DBW/HZ	0002	
	( 4 )	5.502			TYPICAL-1.2M	42.7 REC-580		
		ANTENNA DIAM.	1.2 MIN. ALLOWED	4.5				
13.97500	G	50000 KHZ	128KG7W--	-30.1 DBW (MIN)	-2.3 DBW (MAX)	-53.3 DBW/HZ	0002	
	( 4 )	5.502			TYPICAL-1.2M	42.7 REC-580		
		ANTENNA DIAM.	1.2 MIN. ALLOWED	4.5				
EC		50000 KHZ	12.12.00				100.627540	
13.77500	G	50000 KHZ	50M0G7W--	-7.7 DBW (MIN)	20.1 DBW (MAX)	-56.9 DBW/HZ	0001	
	( 4 )	5.502			TYPICAL-1.8M	46.2 REC-580		
		ANTENNA DIAM.	1.8 MIN. ALLOWED	4.5				
13.77500	G	50000 KHZ	2M00G7W--	-21.7 DBW (MIN)	6.2 DBW (MAX)	-56.9 DBW/HZ	0001	
	( 4 )	5.502			TYPICAL-1.8M	46.2 REC-580		
		ANTENNA DIAM.	1.8 MIN. ALLOWED	4.5				
13.77500	G	50000 KHZ	128KG7W--	-33.7 DBW (MIN)	-5.8 DBW (MAX)	-56.9 DBW/HZ	0001	
	( 4 )	5.502			TYPICAL-1.8M	46.2 REC-580		
		ANTENNA DIAM.	1.8 MIN. ALLOWED	4.5				
13.97500	G	50000 KHZ	50M0G7W--	-7.7 DBW (MIN)	20.1 DBW (MAX)	-56.9 DBW/HZ	0002	
	( 4 )	5.502			TYPICAL-1.8M	46.2 REC-580		
		ANTENNA DIAM.	1.8 MIN. ALLOWED	4.5				
13.97500	G	50000 KHZ	2M00G7W--	-21.7 DBW (MIN)	6.2 DBW (MAX)	-56.9 DBW/HZ	0002	
	( 4 )	5.502			TYPICAL-1.8M	46.2 REC-580		
		ANTENNA DIAM.	1.8 MIN. ALLOWED	4.5				
13.97500	G	50000 KHZ	128KG7W--	-33.7 DBW (MIN)	-5.8 DBW (MAX)	-56.9 DBW/HZ	0002	
	( 4 )	5.502			TYPICAL-1.8M	46.2 REC-580		
		ANTENNA DIAM.	1.8 MIN. ALLOWED	4.5				
EC		250000 KHZ	12.12.00				100.627566	

	13.87500	G	250000	KHZ	50M0G7W--	1.8	DBW (MIN)	29.7	DBW (MAX)	-47.3	DBW/HZ	0001
			( 4)	5.502				TYPICAL-0.6M		36.7	REC-580	
			ANTENNA DIAM.	0.6	MIN. ALLOWED	4.5						
	13.87500	G	250000	KHZ	2M00G7W--	-12.2	DBW (MIN)	15.7	DBW (MAX)	-47.3	DBW/HZ	0001
			( 4)	5.502				TYPICAL-0.6M		36.7	REC-580	
			ANTENNA DIAM.	0.6	MIN. ALLOWED	4.5						
	13.87500	G	250000	KHZ	128KG7W--	-24.1	DBW (MIN)	3.8	DBW (MAX)	-47.3	DBW/HZ	0001
			( 4)	5.502				TYPICAL-0.6M		36.7	REC-580	
			ANTENNA DIAM.	0.6	MIN. ALLOWED	4.5						
EC			250000	KHZ	12.12.00							100.627567
	13.87500	G	250000	KHZ	50M0G7W--	-4.2	DBW (MIN)	23.6	DBW (MAX)	-53.3	DBW/HZ	0001
			( 4)	5.502				TYPICAL-1.2M		42.7	REC-580	
			ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5						
	13.87500	G	250000	KHZ	2M00G7W--	-18.2	DBW (MIN)	9.6	DBW (MAX)	-53.3	DBW/HZ	0001
			( 4)	5.502				TYPICAL-1.2M		42.7	REC-580	
			ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5						
	13.87500	G	250000	KHZ	128KG7W--	-30.1	DBW (MIN)	-2.3	DBW (MAX)	-53.3	DBW/HZ	0001
			( 4)	5.502				TYPICAL-1.2M		42.7	REC-580	
			ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5						
EC			250000	KHZ	12.12.00							100.627568
	13.87500	G	250000	KHZ	50M0G7W--	-7.7	DBW (MIN)	20.1	DBW (MAX)	-56.9	DBW/HZ	0001
			( 4)	5.502				TYPICAL-1.8M		46.2	REC-580	
			ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5						
	13.87500	G	250000	KHZ	2M00G7W--	-21.7	DBW (MIN)	6.2	DBW (MAX)	-56.9	DBW/HZ	0001
			( 4)	5.502				TYPICAL-1.8M		46.2	REC-580	
			ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5						
	13.87500	G	250000	KHZ	128KG7W--	-33.7	DBW (MIN)	-5.8	DBW (MAX)	-56.9	DBW/HZ	0001
			( 4)	5.502				TYPICAL-1.8M		46.2	REC-580	
			ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5						
EC			50000	KHZ	12.12.00							100.627570
	13.77500	G	50000	KHZ	50M0G7W--	1.8	DBW (MIN)	29.7	DBW (MAX)	-47.3	DBW/HZ	0001
			( 4)	5.502				TYPICAL-0.6M		36.7	REC-580	
			ANTENNA DIAM.	0.6	MIN. ALLOWED	4.5						
	13.77500	G	50000	KHZ	2M00G7W--	-12.2	DBW (MIN)	15.7	DBW (MAX)	-47.3	DBW/HZ	0001
			( 4)	5.502				TYPICAL-0.6M		36.7	REC-580	
			ANTENNA DIAM.	0.6	MIN. ALLOWED	4.5						
	13.77500	G	50000	KHZ	128KG7W--	-24.1	DBW (MIN)	3.8	DBW (MAX)	-47.3	DBW/HZ	0001
			( 4)	5.502				TYPICAL-0.6M		36.7	REC-580	
			ANTENNA DIAM.	0.6	MIN. ALLOWED	4.5						
	13.97500	G	50000	KHZ	50M0G7W--	1.8	DBW (MIN)	29.7	DBW (MAX)	-47.3	DBW/HZ	0002
			( 4)	5.502				TYPICAL-0.6M		36.7	REC-580	
			ANTENNA DIAM.	0.6	MIN. ALLOWED	4.5						
	13.97500	G	50000	KHZ	2M00G7W--	-12.2	DBW (MIN)	15.7	DBW (MAX)	-47.3	DBW/HZ	0002
			( 4)	5.502				TYPICAL-0.6M		36.7	REC-580	
			ANTENNA DIAM.	0.6	MIN. ALLOWED	4.5						
	13.97500	G	50000	KHZ	128KG7W--	-24.1	DBW (MIN)	3.8	DBW (MAX)	-47.3	DBW/HZ	0002
			( 4)	5.502				TYPICAL-0.6M		36.7	REC-580	
			ANTENNA DIAM.	0.6	MIN. ALLOWED	4.5						
EC			50000	KHZ	12.12.00							100.627571
	13.77500	G	50000	KHZ	50M0G7W--	-4.2	DBW (MIN)	23.6	DBW (MAX)	-53.3	DBW/HZ	0001
			( 4)	5.502				TYPICAL-1.2M		42.7	REC-580	
			ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5						
	13.77500	G	50000	KHZ	2M00G7W--	-18.2	DBW (MIN)	9.6	DBW (MAX)	-53.3	DBW/HZ	0001
			( 4)	5.502				TYPICAL-1.2M		42.7	REC-580	
			ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5						
	13.77500	G	50000	KHZ	128KG7W--	-30.1	DBW (MIN)	-2.3	DBW (MAX)	-53.3	DBW/HZ	0001
			( 4)	5.502				TYPICAL-1.2M		42.7	REC-580	
			ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5						
	13.97500	G	50000	KHZ	50M0G7W--	-4.2	DBW (MIN)	23.6	DBW (MAX)	-53.3	DBW/HZ	0002



	( 4 ) 5.502				TYPICAL-1.2M	42.7	REC-580	
	ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5				
13.97500	G	50000	KHZ	2M00G7W--	-18.2 DBW (MIN)	9.6 DBW (MAX)	-53.3 DBW/HZ	0002
	( 4 ) 5.502				TYPICAL-1.2M	42.7	REC-580	
	ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5				
13.97500	G	50000	KHZ	128KG7W--	-30.1 DBW (MIN)	-2.3 DBW (MAX)	-53.3 DBW/HZ	0002
	( 4 ) 5.502				TYPICAL-1.2M	42.7	REC-580	
	ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5				
EC		50000	KHZ	12.12.00				100.627572
13.77500	G	50000	KHZ	50M0G7W--	-7.7 DBW (MIN)	20.1 DBW (MAX)	-56.9 DBW/HZ	0001
	( 4 ) 5.502				TYPICAL-1.8M	46.2	REC-580	
	ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5				
13.77500	G	50000	KHZ	2M00G7W--	-21.7 DBW (MIN)	6.2 DBW (MAX)	-56.9 DBW/HZ	0001
	( 4 ) 5.502				TYPICAL-1.8M	46.2	REC-580	
	ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5				
13.77500	G	50000	KHZ	128KG7W--	-33.7 DBW (MIN)	-5.8 DBW (MAX)	-56.9 DBW/HZ	0001
	( 4 ) 5.502				TYPICAL-1.8M	46.2	REC-580	
	ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5				
13.97500	G	50000	KHZ	50M0G7W--	-7.7 DBW (MIN)	20.1 DBW (MAX)	-56.9 DBW/HZ	0002
	( 4 ) 5.502				TYPICAL-1.8M	46.2	REC-580	
	ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5				
13.97500	G	50000	KHZ	2M00G7W--	-21.7 DBW (MIN)	6.2 DBW (MAX)	-56.9 DBW/HZ	0002
	( 4 ) 5.502				TYPICAL-1.8M	46.2	REC-580	
	ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5				
13.97500	G	50000	KHZ	128KG7W--	-33.7 DBW (MIN)	-5.8 DBW (MAX)	-56.9 DBW/HZ	0002
	( 4 ) 5.502				TYPICAL-1.8M	46.2	REC-580	
	ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5				
EC		250000	KHZ	12.12.00				100.627574
13.87500	G	250000	KHZ	50M0G7W--	1.8 DBW (MIN)	29.7 DBW (MAX)	-47.3 DBW/HZ	0001
	( 4 ) 5.502				TYPICAL-0.6M	36.7	REC-580	
	ANTENNA DIAM.	0.6	MIN. ALLOWED	4.5				
13.87500	G	250000	KHZ	2M00G7W--	-12.2 DBW (MIN)	15.7 DBW (MAX)	-47.3 DBW/HZ	0001
	( 4 ) 5.502				TYPICAL-0.6M	36.7	REC-580	
	ANTENNA DIAM.	0.6	MIN. ALLOWED	4.5				
13.87500	G	250000	KHZ	128KG7W--	-24.1 DBW (MIN)	3.8 DBW (MAX)	-47.3 DBW/HZ	0001
	( 4 ) 5.502				TYPICAL-0.6M	36.7	REC-580	
	ANTENNA DIAM.	0.6	MIN. ALLOWED	4.5				
EC		250000	KHZ	12.12.00				100.627575
13.87500	G	250000	KHZ	50M0G7W--	-4.2 DBW (MIN)	23.6 DBW (MAX)	-53.3 DBW/HZ	0001
	( 4 ) 5.502				TYPICAL-1.2M	42.7	REC-580	
	ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5				
13.87500	G	250000	KHZ	2M00G7W--	-18.2 DBW (MIN)	9.6 DBW (MAX)	-53.3 DBW/HZ	0001
	( 4 ) 5.502				TYPICAL-1.2M	42.7	REC-580	
	ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5				
13.87500	G	250000	KHZ	128KG7W--	-30.1 DBW (MIN)	-2.3 DBW (MAX)	-53.3 DBW/HZ	0001
	( 4 ) 5.502				TYPICAL-1.2M	42.7	REC-580	
	ANTENNA DIAM.	1.2	MIN. ALLOWED	4.5				
EC		250000	KHZ	12.12.00				100.627576
13.87500	G	250000	KHZ	50M0G7W--	-7.7 DBW (MIN)	20.1 DBW (MAX)	-56.9 DBW/HZ	0001
	( 4 ) 5.502				TYPICAL-1.8M	46.2	REC-580	
	ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5				
13.87500	G	250000	KHZ	2M00G7W--	-21.7 DBW (MIN)	6.2 DBW (MAX)	-56.9 DBW/HZ	0001
	( 4 ) 5.502				TYPICAL-1.8M	46.2	REC-580	
	ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5				
13.87500	G	250000	KHZ	128KG7W--	-33.7 DBW (MIN)	-5.8 DBW (MAX)	-56.9 DBW/HZ	0001
	( 4 ) 5.502				TYPICAL-1.8M	46.2	REC-580	
	ANTENNA DIAM.	1.8	MIN. ALLOWED	4.5				

S3R		46.0 DB POINTING ACC 0.05 DEG				100.520477		
EC		250000 KHZ	12.12.00					100.627645
13.87500	G	250000 KHZ	50M0G7W--	1.8 DBW (MIN)	29.7 DBW (MAX)	-47.3 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-0.6M	36.7 REC-580		
		ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
13.87500	G	250000 KHZ	2M00G7W--	-12.2 DBW (MIN)	15.7 DBW (MAX)	-47.3 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-0.6M	36.7 REC-580		
		ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
13.87500	G	250000 KHZ	128KG7W--	-24.1 DBW (MIN)	3.8 DBW (MAX)	-47.3 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-0.6M	36.7 REC-580		
		ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
EC		250000 KHZ	12.12.00					100.627646
13.87500	G	250000 KHZ	50M0G7W--	-4.2 DBW (MIN)	23.6 DBW (MAX)	-53.3 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-1.2M	42.7 REC-580		
		ANTENNA DIAM.	1.2 MIN. ALLOWED	4.5				
13.87500	G	250000 KHZ	2M00G7W--	-18.2 DBW (MIN)	9.6 DBW (MAX)	-53.3 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-1.2M	42.7 REC-580		
		ANTENNA DIAM.	1.2 MIN. ALLOWED	4.5				
13.87500	G	250000 KHZ	128KG7W--	-30.1 DBW (MIN)	-2.3 DBW (MAX)	-53.3 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-1.2M	42.7 REC-580		
		ANTENNA DIAM.	1.2 MIN. ALLOWED	4.5				
EC		250000 KHZ	12.12.00					100.627647
13.87500	G	250000 KHZ	50M0G7W--	-7.7 DBW (MIN)	20.1 DBW (MAX)	-56.9 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-1.8M	46.2 REC-580		
		ANTENNA DIAM.	1.8 MIN. ALLOWED	4.5				
13.87500	G	250000 KHZ	2M00G7W--	-21.7 DBW (MIN)	6.2 DBW (MAX)	-56.9 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-1.8M	46.2 REC-580		
		ANTENNA DIAM.	1.8 MIN. ALLOWED	4.5				
13.87500	G	250000 KHZ	128KG7W--	-33.7 DBW (MIN)	-5.8 DBW (MAX)	-56.9 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-1.8M	46.2 REC-580		
		ANTENNA DIAM.	1.8 MIN. ALLOWED	4.5				
EC		250000 KHZ	12.12.00					100.627649
13.87500	G	250000 KHZ	50M0G7W--	1.8 DBW (MIN)	29.7 DBW (MAX)	-47.3 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-0.6M	36.7 REC-580		
		ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
13.87500	G	250000 KHZ	2M00G7W--	-12.2 DBW (MIN)	15.7 DBW (MAX)	-47.3 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-0.6M	36.7 REC-580		
		ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
13.87500	G	250000 KHZ	128KG7W--	-24.1 DBW (MIN)	3.8 DBW (MAX)	-47.3 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-0.6M	36.7 REC-580		
		ANTENNA DIAM.	0.6 MIN. ALLOWED	4.5				
EC		250000 KHZ	12.12.00					100.627650
13.87500	G	250000 KHZ	50M0G7W--	-4.2 DBW (MIN)	23.6 DBW (MAX)	-53.3 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-1.2M	42.7 REC-580		
		ANTENNA DIAM.	1.2 MIN. ALLOWED	4.5				
13.87500	G	250000 KHZ	2M00G7W--	-18.2 DBW (MIN)	9.6 DBW (MAX)	-53.3 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-1.2M	42.7 REC-580		
		ANTENNA DIAM.	1.2 MIN. ALLOWED	4.5				
13.87500	G	250000 KHZ	128KG7W--	-30.1 DBW (MIN)	-2.3 DBW (MAX)	-53.3 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-1.2M	42.7 REC-580		
		ANTENNA DIAM.	1.2 MIN. ALLOWED	4.5				
EC		250000 KHZ	12.12.00					100.627651
13.87500	G	250000 KHZ	50M0G7W--	-7.7 DBW (MIN)	20.1 DBW (MAX)	-56.9 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-1.8M	46.2 REC-580		
		ANTENNA DIAM.	1.8 MIN. ALLOWED	4.5				
13.87500	G	250000 KHZ	2M00G7W--	-21.7 DBW (MIN)	6.2 DBW (MAX)	-56.9 DBW/HZ		0001
	( 4 )	5.502			TYPICAL-1.8M	46.2 REC-580		
		ANTENNA DIAM.	1.8 MIN. ALLOWED	4.5				
13.87500	G	250000 KHZ	128KG7W--	-33.7 DBW (MIN)	-5.8 DBW (MAX)	-56.9 DBW/HZ		0001

( 4 ) 5.502  
ANTENNA DIAM. 1.8 MIN. ALLOWED 4.5

TYPICAL-1.8M

46.2 REC-580

□

**PROGRAM SNSBPFD TERMINATED OK.**