

D.Table 9.8-7**SUMMARY OF ITU-R RECOMMENDATION**

CHANNEL SPACING and TYPICAL USABLE CHANNELS FOR TRUNK MICROWAVE

Band (GHz)	Frequency range(GHz)	Width (MHz)	ITU-R F-series	Channel spacing (MHz)	No of SDH channels		No of PDH channels			
					STM-1	Remarks	(8M)	34M	Remarks	
1.5	1.427-1.53	103	746-1, Annex 1	0.5; 1; 2; 3.5			10			
2	1.427-2.69	1,263	701	0.5(pattern)						
	1.7-2.1; 1.9-2.3	400; 400	382-6	29	6	140M		6	34Mx2	
	1.7-2.3	600	283	14						
	1.9-2.3	400	1098	3.5; 2.5(patterns)						
			1098, Annexes 1,2	14 (;7 ;3.5; 1.75; 28)	2/3(or 5)		10/12(or 22)			
			1098, Annex 3	10			8(or 19)			
	*Co-use with mobile in 2.025-2.11(85MHz) and 2.2-2.29(90MHz)									
2.3-2.5	200	746-1, Annex 2	1; 2; 4; 14; 28				20			
2.5-2.7	200	283-5	14					6	34Mx2	
4	3.8-4.2	400	382-6	29	6					
	3.6-4.2	600	635-2	10(pattern)						
			635-2, Annex 1	90; 80; 60; 40	3(or 10)					
5	4.4-5.0	600	746-1, Annex 3	28	10	64QAM				
			1099	10(pattern)						
			1099, Annex 1	40; 60	7(or 10)					
	4.54-4.9	360	1099, Annex 2	40; 20	4	STM-1x2				
L6	5.925-6.425	500	383-5	29.65	8					
	5.85-6.425	575	383-5, Annex 1	90; 80; 60	8					
U6	6.425-7.11	685	384-5	40; 20	8					
7	7.425-7.725	300	385-6	7	3					
			385-6, Annex-1	28						
	7.435-7.75	315	385-6, Annex-2	5						
	7.11-7.75	640	385-6, Annex-3	28	10					
	7.425-7.9	475	385-6, Annex-4	28; 14; 7; 3.5	8					
8	8.2-8.5	300	386-4	11.662						
	7.725-8.275	550	386-4, Annex 1	29.65						
			386-4, Annex 2	40.74			12	90M		
	8.275-8.5	225	386-4, Annex 3	14; 7				6		
10	10.38-10.68	300	746-1, Annex 4	5; 2						
	10.5-10.68	180	747, Annex 1	7; 3.5(pattern)			12		8Mx2	
	10.55-10.68	130	747, Annex 2	5; 2.5; 1.25(patterns)						
11	10.7-11.7	1,000	387-6, Annexes 1,2	40	12					
			387-6, Annex 3	67	6					
			387-6, Annex 4	60	8					
12	11.7-12.5	800	746-1, Annex 5, #3	19.18						
	12.2-12.7	500	746-1, Annex 5, #2	20(pattern)					45M	
13	12.75-13.25	500	497-4	28; 7; 3.5				8		
			497-4, Annex 1	35						
	12.7-13.25	850	746, Annex 5, #1	25; 12.5						
14	14.25-14.5	250	746-1, Annex 6	28; 14; 7; 3.5				< 4		
			746-1, Annex 7	20						
15	14.4-15.35	950	636-3	28; 14; 7; 3.5	8					
	14.5-15.35	850	636-3, Annex 1	14						
			636-3, Annex 2	2.5						