

8.4 Bandwidth of the operating frequency

Humidity Level : 54 % Temperature : 27 •
 Limits apply to : FCC CFR 47, PART 15, SUBPART C
 Result : PASSED

Operating Condition	: TX mode	Date: June 30, 2000
Minimum Resolution		
Bandwidth	: 10 kHz	

Carrier Freq. (MHz)	Bandwidth of the emission. (MHz)	Limit (MHz)	Remark
303.1535	0.0375	0.7575	<u>The point 20dB down from the modulated carrier</u>

Enclosed please find a plotting test data in section 8.6

8.5 Maximum Modulation Percentage(MMP)

In order to determine possible Maximum Modulation Percentage from the EUT, we measured the duty cycle according to the clause I4.(10) in ANSI C63.4/1992.

The pulse train from the EUT was consist of long and short pulse. The measured values are as follows.

Long Pulse (LP)	Short Pulse (SP)	Total sum of LP	Total sum of SP	Pulse Width
1ms	0.32ms	12	13	46
Duty Cycle		$(12 \times 1 + 13 \times 0.32) / 46 = 0.352$		
Maximum Modulation Percentage(MMP)		Duty Cycle X 100 % = 35.2 %		

Enclosed please find a plotting test datas in section 8.7

Measuring by: Goo Won Lee Project Engineer


8.8 Plotting Data for Maximum Modulation Percentage



