

## 1.2 PRODUCT DESCRIPTION

Issue:	 <b>TELEAN TECHNOLOGY LTD.</b> <b>SPECIFICATION</b>			Date: 29-NOV-1999
Sheet _____ of _____				Issue: _____ SHEET 1 OF 1
Model No.:	<u>FM-04-TX (TRANSMITTER)</u>			
		Unit	Nominal	Limit
1.	Transmission Frequency	CH.1 CH.2	MHz MHz	49.1 $\pm$ 0.05 49.7 $\pm$ 0.05
2.	RF Output Power		mW	0.1
3.	Operating Voltage		V	12
4.	Band Width (-3dB) AT 1KHz I/P 300mV (MAX.)		KHz	200
5.	Frequency Response (I/P 100mV + RX , DIST.=1 METER)		Hz	65~6.5K
6.	Distortion (1KHz 300mV + RX , DIST.=1 M)		%	0.8
7.	MPX. Separation (1KHz 300mV + RX , DIST.=1 M)		dB	26
				20
Prepared By :		Approved by :		
		Engineering Department	Model No.: FM-04-TX	



**TELEAN TECHNOLOGY LTD.**  
**SPECIFICATION**

Date: 28-OCT-1999

Issue: 1

SHEET 1 OF 1

**RF-777DV RECEIVER**  
(FOR 49.1 / 49.7MHz)

		Unit	Nominal	Limit
1.	Reception Frequency	MHz	Lower 48.0 $\pm$ 0.5 Upper 51.0 $\pm$ 0.5	
2.	Max Sens.(-6dB S/N)	dBuV	-1.0	1.0
3.	30dB S/N Sens.	dBuV	6	10
4.	60dB Input S/N ( DEV = 22.5KHz )	dB	50	45
5.	Distortion at 1KHz (22.5KHz DEV.)	%	0.5	1
6.	Frequency Response (-3dB) Without Pre-Emp.	Hz	20 - 3.5K	30 - 3K
7.	Output Level (40 ohm load ) ( DEV = 22.5KHz )	mV	130	100
8.	Channel Balance	dB	1	2.5
9.	MPX Channel Separation	dB	30	24
10.	OSC Stop Voltage	V	1.8	2.1

Prepared by:

Approved by:

ENGINEERING DEPARTMENT

Model No.: RF-777DV-RX(49.1/49.7MHz)

