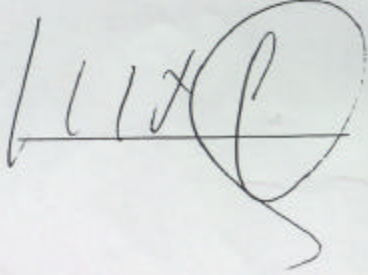


1.2 PRODUCT DESCRIPTION

Issue: _____	 TELEAN TECHNOLOGY LTD. SPECIFICATION	Date: 29-NOV-1999 Issue: _____ SHEET <u>1</u> OF <u>1</u>																																													
Sheet _____ of _____	<u>FM-04-TX (TRANSMITTER)</u>																																														
Model No.: _____	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;"></th> <th style="width: 10%;"></th> <th style="width: 10%; text-align: center;">Unit</th> <th style="width: 20%; text-align: center;">Nominal</th> <th style="width: 20%; text-align: center;">Limit</th> </tr> </thead> <tbody> <tr> <td>1. Transmission Frequency</td> <td>CH.1</td> <td>MHz</td> <td>49.1 $\pm$0.05</td> <td>$\pm$0.03</td> </tr> <tr> <td></td> <td>CH.2</td> <td>MHz</td> <td>49.7 $\pm$0.05</td> <td>$\pm$0.03</td> </tr> <tr> <td>2. RF Output Power</td> <td></td> <td>mW</td> <td>0.1</td> <td>0.05~0.15</td> </tr> <tr> <td>3. Operating Voltage</td> <td></td> <td>V</td> <td>12</td> <td>11-17</td> </tr> <tr> <td>4. Band Width (-3dB) AT 1KHz I/P 300mV (MAX.)</td> <td></td> <td>KHz</td> <td>200</td> <td><300</td> </tr> <tr> <td>5. Frequency Response (I/P 100mV + RX , DIST.=1 METER)</td> <td></td> <td>Hz</td> <td>65~6.5K</td> <td>70~6K</td> </tr> <tr> <td>6. Distortion (1KHz 300mV + RX , DIST.=1 M)</td> <td></td> <td>%</td> <td>0.8</td> <td>1.5</td> </tr> <tr> <td>7. MPX. Separation (1KHz 300mV + RX , DIST.=1 M)</td> <td></td> <td>dB</td> <td>26</td> <td>20</td> </tr> </tbody> </table>				Unit	Nominal	Limit	1. Transmission Frequency	CH.1	MHz	49.1 $\pm$ 0.05	$\pm$ 0.03		CH.2	MHz	49.7 $\pm$ 0.05	$\pm$ 0.03	2. RF Output Power		mW	0.1	0.05~0.15	3. Operating Voltage		V	12	11-17	4. Band Width (-3dB) AT 1KHz I/P 300mV (MAX.)		KHz	200	<300	5. Frequency Response (I/P 100mV + RX , DIST.=1 METER)		Hz	65~6.5K	70~6K	6. Distortion (1KHz 300mV + RX , DIST.=1 M)		%	0.8	1.5	7. MPX. Separation (1KHz 300mV + RX , DIST.=1 M)		dB	26	20
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Prepared By :  Approved by : 																																															
ENGINEERING DEPARTMENT		Model No.: FM-04-TX																																													

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

Date: 28-OCT-1999

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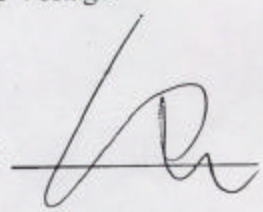
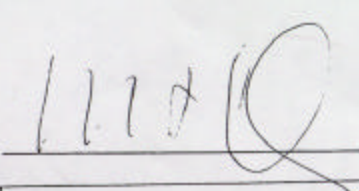
Sheet ___ of ___

Model No.:

RF-777DV RECEIVER

(FOR 49.1 / 49.7MHz)

	Unit	Nominal	Limit
1. Reception Frequency	MHz		Lower 48.0 ± 0.5 Upper 51.0 ± 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)

