

TMC SPECIFICATION

NO. S1366

REV: ϕ

COMPILED: *J.D. 6/1/78*

CHECKED: *[Signature]*

APPD: *[Signature]*

6/2/78

SHEET

OF

TITLE:

TEST DATA SHEET

MMX-2/B

TMC SPECIFICATION

NO. S1366

REV: ①

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CHECKED:

APPD:

SHEET 1 OF 5

TITLE: TEST DATA SHEET MMX-2/B

4.3.2 OPERATIONAL MODES _____ OK

4.3.3, NOMINAL AUDIO IMPEDANCE (SHOULD NOT BE LESS THAN 26 db)

4.3.4

AUDIO INPUT			
FREQ	USB	LSB	
300Hz	_____ db	_____ db	
1000Hz	_____ db	_____ db	
3020Hz	_____ db	_____ db	

4.3.5 LONGITUDINAL BALANCE (AT LEAST 40 db BELOW REFERENCE SIGNAL LEVEL)

AUDIO INPUT			
FREQ	USB	LSB	
300Hz	_____ db	_____ db	
1000Hz	_____ db	_____ db	
3020Hz	_____ db	_____ db	

4.3.6 FREQUENCY AMPLITUDE RESPONSE (SEE SEPARATE DATA SHEET)

MMX	USB	LSB
FREQ	OK	OK
2MHz	_____	_____
5MHz	_____	_____
10MHz	_____	_____
20MHz	_____	_____
25MHz	_____	_____
29.9999MHz	_____	_____

4.3.7 INPUT LEVEL RANGE (FROM -20 dbm to +15 dbm)

	USB	LBS
-20 dbm INPUT	_____ OK	_____ OK
+15 dbm INPUT	_____ OK	_____ OK

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4.3.12 HF FREQUENCY RANGE (2.0000 MHz to 29.9999 MHz)

2.0000 MHz		MHz
29.9999 MHz		MHz

4.3.13 FREQUENCY CALIBRATION RESOLUTION _____ OK

4.3.14 FREQUENCY ACCURACY _____ OK

4.3.15 FREQUENCY STABILITY _____ OK

4.3.16 AUTOMATIC LOAD CONTROL (100 MW OUTPUT LEVEL)

	-20db	USB 0db	+15db
MMX	OK	OK	OK
FREQ	OK	OK	OK
2 MHz			
5 MHz			
10 MHz			
20 MHz			
25 MHz			
29.9999 MHz			

	-20db	LSB 0db	+15db
MMX	OK	OK	OK
FREQ	OK	OK	OK
2 MHz			
5 MHz			
10 MHz			
20 MHz			
25 MHz			
29.9999 MHz			

4.3.17 PHASE JITTER (NOT GREATER THAN 5⁰) _____ OK

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TITLE: TEST DATA SHEET MMX-2/B

4.3.18 BACKGROUND NOISE (55db BELOW AVERAGE POWER LEVEL)

MMX FREQ	USB OK	LBS OK
2 MHz	_____	_____
5 MHz	_____	_____
10 MHz	_____	_____
15 MHz	_____	_____
25 MHz	_____	_____
29.9999 MHz	_____	_____

4.3.19 SUPPRESSED CARRIER LEVEL

MMX FREQ	-6db OK	-20db OK	-30db OK	FULL
2 MHz	_____	_____	_____	_____ db
5 MHz	_____	_____	_____	_____ db
10 MHz	_____	_____	_____	_____ db
15 MHz	_____	_____	_____	_____ db
25 MHz	_____	_____	_____	_____ db
29.9999 MHz	_____	_____	_____	_____ db

4.3.20 OUT OF BAND EMISSIONS

MMX FREQ	OK
2 MHz	_____
5 MHz	_____
10 MHz	_____
15 MHz	_____
25 MHz	_____
29.9999 MHz	_____

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4.3.21 ADJACENT SIDEBAND REJECTION (AT LEAST 60db)

MMX FREQ	USB OK	LSB OK
2 MHz	_____	_____
5 MHz	_____	_____
10 MHz	_____	_____
15 MHz	_____	_____
25 MHz	_____	_____
29.9999 MHz	_____	_____

4.3.22 SUBCARRIER FREQUENCIES _____ OK

4.3.23 SUBCARRIER SUPPRESSION LEVEL (AT LEAST 50 db SUPPRESSION)

MMX FREQ	OK
2 MHz	_____
5 MHz	_____
10 MHz	_____
15 MHz	_____
25 MHz	_____
29.9999 MHz	_____

4.3.24 ENVELOPE DELAY DISTORTION (SEE CURVES) _____ OK

4.3.27 ACOUSTIC NOISE _____ OK

4.3.28 EXTERNAL FREQUENCY STANDARD _____ OK

4.3.29 POWER SUPPLY _____ OK

4.3.30 ENVIRONMENTAL CONDITIONS _____ OK

4.3.31 ELECTROMAGNETIC COMPATIBILITY _____ OK

DATE _____

TESTED BY _____

WITNESSED BY _____

SERIAL NO. _____