	125-J0011 4	3 🚽	2	1	
D	NOTICE: INC. INCOMPANYOU AND INCOMPANY AND REPORT AND INCOMPANY AND AND AND AND RESPACE AND AND AND AND AND TEST NOTES: UNLESS OTHERWISE SPECIFIED, TEST 1. CONNECTIVITY: (100%) 1.1 VERIFY FOLLOWING CONTINU PCB (1-4) = PCB (3-5) PCB (1-2) = PCB (3-6)	5. ITY: = 0.40 OHMS MAXIMUM = 0.80 OHMS MAXIMUM	RETURN LOSS: (100%) FIGURE 13 CALIBRATE THE NETWORK ANALYZER IN THE RETURN LOSS OF BOTH CHANNELS. BE WITHIN THE FOLLOWING LIMITS.	THE RETURN LOSS SHALL	D
С	CABLE (5-8) = 140-160 1.2 VERIFY OPENS (RESISTANCE PCB (2) TO PCB (3) PCB (6) TO PCB (7) PCB (7) TO PCB (8) 1.3 CAPACITANCE - PCB 8 TO 700 pF MINIMUM AT 1 K,	8) = 0.30 OHMS MAXIMUM S MAXIMUM OHMS -7) = 140-160 OHMS MAXIMUM OHMS E > 15 MEGOHMS) CABLE 8	FREQUENCY TRANSMIT/RECEIVE (S11   5 MHz -18 dB MIN   10 MHz -18 dB MIN   30 MHz -14 dB MIN   60 MHz -12 dB MIN   80 MHz -10 dB MIN   80 MHz 0.0 MIN MIN	M.U.T. MATCHING 1 1 0 0HM 50 0HM 3 3 0	С
В	CONNECTED, ÁPPLY 2400 VDC AND CABLE PIN 1. USE 1 ME 3. INSERTION LOSS: (100%) FIGUR CALIBRATE THE NETWORK ANALY (1-1) AND SHORT (2-2) - DC	FOR 9 SECONDS 2 MA ACROSS PCB PIN 1 GOHM RESISTOR IN SERIES WITH TEST FIXTURE. E 12 ZER IN THE S21 MODE BY SHORTING D A THRU CALIBRATION. MEASURE 100 KHz AND 200 MHz. THE ATTENUATION TS ON BOTH CHANNELS. RECEIVE (3-6)		CABLE HP3577A NETWORK NALYZER REQUIV LOSS TEST CIRCUIT IGURE 12 MATCHING XFMR HP3577A	В
A	SHALL BE NEGATIVE AND NEAR	X 5 MHz -1.0 dB MAX   X 10 MHz -1.0 dB MAX	PCB CABLE RETURN LOSS FIGUR INCLOS CHARGE BEFEND. NA INCLOS CHARGE		A

	125-J0011 4	3	•	2	1	_
D	(1-3) AND SHORTING (2-6). I CROSSTALK BETWEEN THE TWO TO 100 MHz. THE CROSSTALK FOLLOWING LIMITS:	YZER IN THE S21 MODE BY SHORTING 30 A THRU CALIBRATION. MEASURE THE CHANNELS OVER THE RANGE OF 1 MHz ( ATTENUATION SHALL BE WITHIN THE	H1008 MATCHING XFMR 50 0HM	MATI XI		D
С		IN IN IN IN IN IN AMPLE) FIGURE 15 YZER IN THE S21 MODE USING A 50 OHM /E JUMPERS BETWEEN (3-6) CHANNELS. CTION. THE REJECTION		3577A TWORK LYZER EQUIV PORT B CROSST. FIGURE	о онм PCB CABLE	С
В	FREQUENCY TRANSMIT   5 MHz 30 dB MIN   10 MHz 25 dB MIN   50 MHz 20 dB MIN   100 MHz 20 dB MIN   100 MHz 20 dB MIN   155 MHz 15 dB MIN   155 MHz 15 dB MIN   REMOVE 3-6 JUMPERS JUMPERS   8. TRP (100 K , 100 mV) PCB (1, 4): PCB (2, 4) = 1:		JUMPER of	M.U.T. 01 10 02 20 03 30 06 60 PCB CAE PCB CAE PORT A HP3577A NETWORK ANALYZER OP COLINY	JUMPER JUMPER PORT B \$50 OHM	В
A		= 1:1 $\pm 2\%$ = 1:1 $\pm 2\%$ /ITH PCB (1, 2) SHORTED = 1:1 $\pm 2\%$ /ITH PCB (3, 6) SHORTED = 1:1 $\pm 2\%$ KIMUM) ) SHORTED	HILD AND AN ADDRESS STORY FOR A			A





