

AMERICAN TELECOMMUNICATIONS CORPORATION  
MODEL 204 *TonePulse*\* CONVERTER  
ACCEPTANCE TESTS  
NO. 1 CROSSBAR OFFICES

1. GENERAL

1.01 This appendix provides acceptance test procedures for the American Telecommunications Corporation (ATC) *TonePulse* Converter Model 204 used in No. 1 Crossbar Offices.

1.02 (Reserved for future use)

1.03 No special test sets are authorized or required for testing ATC converters in No. 1 Crossbar Offices.

2.02 Acceptance tests covered in this appendix are:

A — *Dial Pulse and Register Control* — Checks that sender will count and register dial pulses correctly under extreme operating conditions.

B — *Slow-Pulse-Long Interdigital Periods* — Checks response of receiver to long pulsing intervals followed by equally long interdigital periods.

C — *High Level Signal Test* — Checks response of receiver to high level signal conditions.

2. ACCEPTANCE TESTS

2.01 The following tests are to be done for acceptance tests *only*. All other tests will be the normal line and sender routine tests.

2.03 Apparatus required —

Originating Test Frame SD-25221-01  
322A (Make-Busy) Plugs, as required

STEP	ACTION	VERIFICATION
1	Restore all lever type keys to normal. Operate test class release keys (R1, R2) and remove plugs from test jacks.	
2	Operate and restore RN key.	All lamps extinguish.
3	If test frame does not restore, momentarily operate CA key.	
4	Operate and restore RN key.	
5	Operate keys and insert plugs into jacks shown in Charts A and B.	
6	Operate ST key.	Test circuit proceeds to test senders to which it has access. EC lamp lighted. Minor alarm sounds.
7	Restore ST key.	
8	Momentarily operate RN key.	All lamps extinguish. Minor alarm silenced.

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NOTICE

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CHART A

TEST	TITLE	TYPE SENDER		TH	H	T	U	TEST CLASS	DIAL SPEED	MISCELLANEOUS
		NSS	OSS							
A	DIAL PULSE AND REGISTER CONTROL	X	X	7	8	9	0	2	26 MAX	
		X	X	7	8	9	0	2	26 MIN	
		X	X	7	8	9	0	2	15 MAX	
		X	X	7	8	9	0	2	15 MIN	
		X	X	7	8	9	0	2	7 MAX	
		X	X	7	8	9	0	2	7 MIN	
		X	X	7	8	9	0	2	PBX SURGE	
		X	X	7	8	9	0	2	7 MAX	ZLL
		X	X	7	8	9	0	2	26 MIN	ZLL

CHART B

TEST	TITLE	TH	H	T	U	NFDO OR NST	OB	OG	OFF CR	B OFF CR	TEST CLASS	MISCELLANEOUS JACKS AND KEYS
B	SLOW PULSE-LONG INTERDIGITAL PERIODS	3	5	7	0	NST	0	0	SO	0	17	TT, SLP
C	HIGH-LEVEL SIGNAL	3	5	7	0	NST	0	0	SO	0	17	TT, HLV
		4	6	8	9	NST	0	0	SO	0	17	TT, HLV, LGP