

EQUIPMENT TEST LIST
N1 CARRIER
N, O, ON CARRIER EQUIPMENT

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1. GENERAL

1.01 This section provides an index and information access system to locate the standard tests applicable to equipment listed in the preceding table

of contents. Test classification and frequency of periodic routine are also provided.

1.02 This ETL is reissued to incorporate changes in paragraphs 1.1 through 1.4 and add paragraph 1.5. An arrow has been placed to the left of each line which has been changed.

1.03 Comments on this section should be made by following the instructions in Bell System Practices (BSP), Section 000-010-015.

1.04 Routine test information is arranged in the following order from left to right: Section number, issue/addendum, test letter or paragraph number, test title, test class, frequency, and the last space is for a locally assigned job number.

1.05 Section 010-300-011 provides Equipment Test List instructions.

NOTICE

Not for use or disclosure outside the Bell System except under written agreement

SECTION 362-001-011

1.0 N1 CARRIER

1.1 N1 CARRIER; TERMINAL

SELECT ONLY ONE CATEGORY

TUBE TYPE

161-452-701	(4/0)		BLOWER OPERATION	MW 6M	-----
362-010-501	(1/1)	2J	ALARM OPERATION TEST	MW 6M	-----
		3R	ORDER-WIRE SIGNALING OPERATION TEST	MW 6M	-----
362-020-501	(3/0)		HEATER SUPPLY VOLTAGE ADJUSTMENT	MW 6M	-----
362-020-502	(2/1)		ELECTRON TUBE CATHODE ACTIVITY MEASUREMENTS	MW 6M	-----
362-020-503	(3/0)		CHECK OF ALARM OPERATION	MR 12M	-----
362-035-501	(3/0)	A	OUTPUT LEVEL TEST--GROUP TRANSMITTING	MW 6M	-----
		B	OUTPUT WAVEFORM TEST--GROUP TRANSMITTING	MR 6M	-----
		C	OUTPUT FREQUENCY TEST--GROUP TRANSMITTING	MR 6M	-----
362-035-502	(5/0)		TOTAL CARRIER POWER OUTPUT--GROUP TRANSMITTING	MW 6M	-----
362-040-501	(1/0)		TOTAL CARRIER POWER OUTPUT--GROUP RECEIVING	MW 6M	-----
362-040-502	(7/0)		MEASUREMENTS OF SLOPE, BULGE, CUBIC, AND QUARTIC DISTORTION--GROUP RECEIVING	MW 24M	-----
362-340-501	(2/0)		J99272AR CGA SIG RCVR--OUT-OF-SRV TSTS USING TESTING CIRCUIT SD-96519-01	MW 12M	-----

> GROUP UNITS HIN TYPE

362-020-510	(1/1)	1	CHART 2 3700 HZ OSC OUTPUT LEVEL	MR 12M	-----
		3	CHART 2 3700 HZ OSC OUTPUT FREQUENCY	MR 12M	-----
		4	CHART 2 TOTAL CARRIER OUTPUT--GROUP TRANSMIT	MR 12M	-----
		6	CHART 2 TOTAL CARRIER POWER--GROUP RECEIVE	MR 12M	-----
		7	CHART 2 RECEIVE DISTORTION - SLOPE, BULGE, CUBIC, AND QUARTIC	MW 24M	-----

1.2 N1 CARRIER; CHANNEL, TUBE

> FOR ALL UNITS

362-315-501	(5/0)		CHANNEL UNIT OUTPUT (ALSO SEE 362-335-504)	MR 6M	-----
362-310-501	(5/0)		1000-HERTZ AND 3700-HERTZ OUTPUT (ALSO SEE 362-330-503 AND 362-335-503)	MR 6M	-----
362-305-515	(5/2)		SIG RCVR AND OA PULS TSTS (DIAL SIG CHAN ONLY) (SEE 362-330-501 AND 362-335-501)	MR 6M	-----
362-305-501	(5/0)	A	ADJ OF EXP OUTPUT (SEE 362-330-501, -502, -507; 362-335-501 AND -502)	MR 6M	-----
362-030-501	(3/0)		MEAS OF INDIVIDUAL CHAN CARR AT R1 JACKS & CHAN REG AND DEMOD OUTPUT TESTS & ADJS (SEE 362-330-501 THROUGH -507)	MR 6M	-----
362-025-502	(5/0)		COMPRESSOR TESTS AND ADJUSTMENTS (ALSO SEE 362-330-501 AND -502)	MR 6M	-----

> OPTIONAL FEATURES

F, FA ORIGINAL TYPE

362-330-501	(4/0)	1	CHART 1,3 (F,FA) CHANNEL CARRIER OUTPUT	MR 6M	-----
		4A	CHART 1,3, (F,FA) RECEIVED CHANNEL CARRIER	MR 6M	-----
		6	CHART 1,3 (F,FA) EXPANDOR OUTPUT	MR 6M	-----

F, FA MODIFIED TYPE

362-330-501	(4/0)	1	CHART 2,4 (F,FA) MOD CHANNEL CARRIER OUTPUT	MR 6M	-----
		3A	CHART 2,4 (F,FA MOD) COMPRESSOR GAIN	MR 6M	-----
		3B	CHART 2,4 (F,FA MOD) COMPRESSOR NOISE	MR 6M	-----
		4	CHART 2,4 (F,FA MOD) RECEIVED CHANNEL CARRIER	MR 6M	-----
		6	CHART 2,4 (F,FA MOD) EXPANDOR OUTPUT	MR 6M	-----

F, FA, ORIGINAL OR MODIFIED DIAL SIGNAL

362-330-501	(4/0)	13	CHART 1, 3 (F, FA ORIG) OR CHART 2, 4, (F, FA MOD) PERCENT BREAK (DIAL SIG CHAN ONLY)	MR 6M	-----
		14	CHART 1, 3 (F, FA ORIG) OR CHART 2, 4 (F, FA MOD) MIN LENGTH OF PULSE (DIAL SIG CHAN ONLY)	MR 6M	-----

AP ORIGINAL TYPE

362-330-502	(5/0)	1	CHART 1,3 (AP) CHANNEL CARRIER OUTPUT	MR 6M	-----
		4A	CHART 1,3 (AP) RECEIVED CHANNEL CARRIER	MR 6M	-----
		6	CHART 1,3 (AP) EXPANDOR OUTPUT	MR 6M	-----

AP MODIFIED TYPE

362-330-502	(5/0)	1	CHART 2,4 (AP-MOD) CHANNEL CARRIER OUTPUT	MR 6M	-----
		3A	CHART 2,4 (AP-MOD) COMPRESSOR GAIN	MR 6M	-----
		3B	CHART 2,4 (AP-MOD) COMPRESSOR NOISE	MR 6M	-----
		4	CHART 2,4 (AP-MOD) RECEIVED CHANNEL CARRIER	MR 6M	-----
		6	CHART 2,4 (AP-MOD) EXPANDOR OUTPUT	MR 6M	-----

BP AMPLAS

362-330-507	(3/0)	1	CHART 1,2 (BP) CHANNEL CARRIER OUTPUT	MR 6M	-----
		4	CHART 1,2 (BP) RECEIVED CHANNEL CARRIER	MR 6M	-----
		6	CHART 1,2 (BP) EXPANDOR OUTPUT	MR 6M	-----

AM SPECIAL SERVICE

362-330-504	(5/0)	1	CHART 1,2 (AM) CHANNEL CARRIER OUTPUT	MR 6M	-----
		4	CHART 1,2 (AM) RECEIVED CHANNEL CARRIER	MR 6M	-----

TA SCHEDULE C AND D PROGRAM

362-330-505	(5/0)	1	CHART 1,2 (TA) CHANNEL CARRIER OUTPUT	MR 6M	-----
		4	CHART 1,2 (TA) RECEIVED CHANNEL CARRIER	MR 6M	-----
		5	CHART 1,2 (TA) CHANNEL REGULATOR MODIFIED	MR 6M	-----
		7	CHART 1,2 (TA) EXPANDOR OUTPUT	MR 6M	-----

AH THRU CHANNEL

362-330-503	(5/0)	1	CHART 1,2 (AH) RECEIVED CHANNEL CARRIER	MR 6M	-----
		2	CHART 1,2 (AH) CHANNEL REGULATOR MODIFIED	MR 6M	-----
		4	CHART 1,2 (AH) 1000-HERTZ OUTPUT LEVEL	MR 6M	-----
		6	CHART 1,2 (AH) 3700-HERTZ OUTPUT LEVEL	MR 6M	-----
		7	CHART 1, 2 (AH) CHANNEL CARRIER OUTPUT	MR 6M	-----

W SCHEDULE A & B PROGRAM

362-320-510	(3/0)		SCHED A & B PROG CHAN UNIT (J98703W) CHAN CARR OP, ADJ AND CARR LEAK TST (SEE 362-330-506)	MR 6M	-----
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362-330-506	(5/0)	1	(W) CHANNEL CARRIER OUTPUT	MR 6M	-----
		3	(W) RECEIVED CHANNEL CARRIER	MR 6M	-----
Y PROGRAM REVERSING					
362-320-515	(1/0)		PROGRAM REVERSING CHANNEL UNIT (J98703Y) - TESTS AND ADJUSTMENTS	MR 6M	-----
1.3 N1 CARRIER; CHANNEL HIN					
> FOR ALL UNITS					
362-315-501	(5/0)		CHANNEL UNIT OUTPUT (ALSO SEE 362-335-504)	MR 6M	-----
362-310-501	(5/0)		1000-HERTZ AND 3700-HERTZ OUTPUT (ALSO SEE 362-330-503 AND 362-335-503)	MR 6M	-----
362-305-515	(5/2)		SIG RCVR AND OA PULS TSTS (DIAL SIG CHAN ONLY) (SEE 362-330-501 AND 362-335-501)	MR 6M	-----
362-305-501	(5/0)	A	ADJ OF EXP OUTPUT (SEE 362-330-501, -502, -507; 362-335-501 AND -502)	MR 6M	-----
362-030-501	(3/0)		MEAS OF INDIVIDUAL CHAN CARR AT R1 JACKS & CHAN REG AND DEMOD OUTPUT TESTS & ADJS (SEE 362-330-501 THROUGH -507)	MR 6M	-----
362-025-502	(5/0)		COMPRESSOR TESTS AND ADJUSTMENTS (ALSO SEE 362-330-501 AND -502)	MR 6M	-----
> OPTIONAL FEATURES					
F, FA ORIGINAL TYPE					
362-020-510	(1/1)	1	CHART 3 (F,FA) CHANNEL CARRIER OUTPUT	MR 12M	-----
		4A	CHART 3 (F,FA) RECEIVED CHAN CARRIER	MR 12M	-----
		6	CHART 3 (F,FA) EXPANDOR OUTPUT	MR 12M	-----
F, FA MODIFIED TYPE					
362-020-510	(1/1)	1	CHART 4 (F,FA MOD) CHANNEL CARRIER OUTPUT	MR 12M	-----
		3A	CHART 4 (F,FA MOD) COMPRESSOR GAIN	MR 12M	-----
		4	CHART 4 (F,FA MOD) RECEIVED CHAN CARRIER	MR 12M	-----
		6	CHART 4 (F,FA MOD) EXPANDOR OUTPUT	MR 12M	-----
F, FA ORIGINAL & MODIFIED DIAL SIGNAL					
362-020-510	(1/1)	13	CHART 3 (F,FA), 4 (F,FA MOD) PERCENT BREAK (DIAL SIG CHAN ONLY)	MR 12M	-----
AP ORIGINAL					
362-020-510	(1/1)	1	CHART 5 (AP) CHAN CARRIER OUTPUT	MR 12M	-----
		4A	CHART 5 (AP) RECEIVED CHAN CARRIER	MR 12M	-----
		6	CHART 5 (AP) EXPANDOR OUTPUT	MR 12M	-----
AP MODIFIED					
362-020-510	(1/1)	1	CHART 6 (AP MOD) CHAN CARRIER OUTPUT	MR 12M	-----
		3A	CHART 6 (AP MOD) COMPRESSOR OUTPUT	MR 12M	-----
		4	CHART 6 (AP MOD) RECEIVED CHAN CARRIER	MR 12M	-----
		6	CHART 6 (AP MOD) EXPANDOR OUTPUT	MR 12M	-----
BP AMPLAS, BP AMPLAS					
362-020-510	(1/1)	3	CHART 7 (BP) COMPRESSOR OUTPUT	MR 12M	-----
		4	CHART 7 (BP) RECEIVED CHAN CARRIER	MR 12M	-----

362-020-510	(1/1)	6	CHART 7 (BP) EXPANDOR OUTPUT	MR 12M	-----
AM SPECIAL SERVICE					
362-020-510	(1/1)	1	CHART 8 (AM) CHAN CARRIER OUTPUT	MR 12M	-----
		4	CHART 8 (AM) RECEIVED CHAN CARRIER	MR 12M	-----
TA SCHEDULE C & D PROGRAM					
362-020-510	(1/1)	1	CHART 9 (TA) CHAN CARRIER OUTPUT	MR 12M	-----
		4	CHART 9 (TA) RECEIVED CHAN CARRIER	MR 12M	-----
		5	CHART 9 (TA) CHAN REGULATOR--MODIFIED REGULATOR	MR 12M	-----
		7	CHART 9 (TA) EXPANDOR OUTPUT	MR 12M	-----
AH THRU CHAN					
362-020-510	(1/1)	1	CHART 10(AH) RECEIVED CHAN CARRIER LEVEL	MR 12M	-----
		2	CHART 10 (AH) CHAN REGULATOR--MODIFIED REGULATOR	MR 12M	-----
		4	CHART 10 (AH) 1000-HZ OUTPUT LEVEL	MR 12M	-----
		5	CHART 10 (AH) 3700-HZ OUTPUT LEVEL	MR 12M	-----
		7	CHART 10 (AH) CHAN CARRIER OUTPUT LEVEL	MR 12M	-----
> 1.4 N1 CARRIER; NI REPEATER					
> FOR ALL UNITS					
362-405-502	(4/1)	CH7	FUSE ALARM OPERATION--IN-SERVICE TEST	MW 12M	-----
362-405-503	(3/0)		ELECTRON TUBE REPEATER POWER SUPPLY POINTS - DC LINE VOLTAGE MEASUREMENTS	MW 6M	-----
362-410-501	(5/0)		ELECTRON TUBE REPEATERS - HEATER AND DC REGULATOR MEASUREMENTS	MW 6M	-----
362-410-502	(3/0)		ELECTRON TUBE REPEATERS - ELECTRON TUBE CATHODE ACTIVITY MEASUREMENTS	MW 6M	-----
362-501-503	(1/0)		CHECK OF FUSE ALARM OPERATION	MW 12M	-----
362-505-501	(2/0)		AMPLIFIER AND CONTROL CIRCUIT UNITS	MW 6M	-----
362-506-501	(1/0)		MEASUREMENT OF TOTAL CARRIER POWER OUTPUT	MW 6M	-----
362-506-502	(1/0)		CHECK OF CARRIER OUTPUT CHARACTERISTICS	MW 6M	-----
362-506-503	(1/0)		CHECK OF NETWORK REGULATING CIRCUIT	MW 6M	-----
362-510-501	(2/0)		MAINTENANCE	MW 6M	-----
> 1.5 N1 CARRIER; TROUBLE TESTS					
TROUBLE TESTS					
> N1 OW & ALM FAC					
362-010-501	(1/1)	2A	J98704A ALM OSC FREQUENCY CK	TT	-----
		2B	J98704A ALM OSC MAXIMUM OUTPUT CK AND FEEDBACK ADJUSTMENT	TT	-----
		2C	J98704A ALM OSC OUTPUT ADJUSTMENT	TT	-----
		2D	J68651 ALARM EQUALIZER ADJUSTMENT	TT	-----
		2E	ALARM BALANCE HYBRID ADJUSTMENT	TT	-----
		2F	VF ALM AMPLIFIER OUTPUT ADJUSTMENT	TT	-----
		2G	J98704B ALM RECEIVER SENSITIVITY ADJUST	TT	-----

362-010-501	(1/1)	2M	J98704B ALM RECEIVER FILTER PERFORMANCE CHECK	TT	-----
		2I	J98704C ALARM DELAY PANEL TIMING CHECK	TT	-----
		3A	J98704J INTERMEDIATE ORDER-WIRE REPEATER -- SINGING POINT TEST AND ADJUSTMENT	TT	-----
		3B	J98704H TERMINAL ORDER-WIRE REPEATER -- SINGING POINT TEST AND ADJUSTMENT	TT	-----
		3C	J98704M INTERMEDIATE ORDER-WIRE REPEATER FOR BRANCHING POINT -- SINGING POINT TEST AND ADJUSTMENT	TT	-----
		3D	J98704D PANEL -- ORDER-WIRE EQUIPMENT FOR POLE-MOUNTED REPEATER POINTS	TT	-----
		3E	J98704F PANEL -- NONREPEATERED ORDER-WIRE EQUIPMENT FOR TERMINALS OR INTERMEDIATE STATIONS	TT	-----
		3F	J98704G PANEL -- NONREPEATERED INTERMEDIATE ORDER-WIRE EQUIPMENT	TT	-----
		3G	J98704H PANEL -- TERMINAL ORDER-WIRE REPEATER EQUIPMENT	TT	-----
		3H	J98704J PANEL -- INTERMEDIATE ORDER-WIRE REPEATER	TT	-----
		3I	J98704L -- ORDER-WIRE PANEL FOR POWER RECEIVING POINTS IN OFFICES	TT	-----
		3J	J98704M -- INTERMEDIATE REPEATER PANEL FOR BRANCHING POINTS	TT	-----
		3K	J98704 ORDER-WIRE SIGNALING OSCILLATOR FREQUENCY CHECK	TT	-----
		3L	J98704A ORDER-WIRE SIGNALING OSCILLATOR OUTPUT CHECK AND FEEDBACK ADJUSTMENT	TT	-----
		3M	J98704A ORDER-WIRE SIGNALING OSCILLATOR OUTPUT ADJUSTMENT	TT	-----
		3N	J98704C ORDER-WIRE SIGNALING VF AMPLIFIER ADJUSTMENT	TT	-----
		3O	J98704B ORDER-WIRE SIGNALING RECEIVER SENSITIVITY ADJUSTMENT	TT	-----
		3P	J98704B ORDER-WIRE SIGNALING RECEIVER FILTER PERFORMANCE TESTS	TT	-----
		3Q	J98704C ORDER-WIRE SIGNALING DELAY PANEL TIMING CHECK	TT	-----
>	TERMINAL				
>	362-015-501	(2/0)	PRELIM TESTS@CHECK LOC CABLING, SPAN, PADS, ART LINES, SLOPE NETS & CONT UNITS	TT	-----
>	362-015-502	(4/0)	N1 RPTRG SYS@ADJ OF PWR SUPPLY AN SEALING CURR TO ADJACENT REPEATER	TT	-----
>	362-015-515	(4/0)	TRSTRIZED RPTRED SYS @ ADJ OF PWR SUP AND SEAL CU TO AN ADJ RPTR	TT	-----
>	362-020-510	(1/1)	1 CHART 1, GROUP UNIT LINEUP@HIN DEVICE TEST PER TABLE C	TT	-----
>			2 CHART 2, GROUP UNIT@3700-HZ OSC OUTPUT WAVEFORM	TT	-----
>			5 CHART 2, GROUP UNIT@MEAS SLOPE, BULGE, CUBIC	TT	-----
>	362-035-503	(2/0)	N1 GROUP UNIT@TRMTG, MEAS OF SLOPE, BULGE, CUBIC AND QUARTIC DISTORTION	TT	-----
>	362-045-501	(1/0)	SWITCHING GROUP UNITS WITH THE 2N SWITCHING SET	TT	-----

CHANNEL TUBE					
>	362-025-501	(5/0)		CHAN LINEUP@TRMTG, CHAN CARR OUTPUT CARR FREQ AND CARR LEAK TESTS	TT
>	362-025-502	(5/0)		CHAN LINEUP@TRANSMITTING COMPRESSOR TESTS AND ADJUSTMENTS	TT
>	362-030-501	(3/0)		CHAN LINEUP@RCVG, MEAS OF INDIV CHAN CARR AT R1 JKS AND CHAN REG AND DEMOD OUTPUT TESTS AND ADJUSTMENTS	TT
>	362-305-501	(5/09)		OVERALL CHAN LINEUP@EXPANDOR OUTPUT CHANNEL TROUBLE INVESTIGATION	TT
>	362-305-510	(6/1)		CHANNEL NOISE MEASUREMENT	TT
>	362-305-512	(4/0)		CHANNEL NET GAIN AND EXPANDOR OUTPUT CHECK	TT
>	362-315-501	(5/0)		SPL SVC CHAN@TRMTG, CARR LEAK TEST	TT
>				SPL SVC CHAN (AM)@TRANSMITTING VF AMPLIFIER OUTPUT	TT
>	362-315-502	(5/0)		SPL SVC CHAN (AM)@RECEIVING	TT
>	362-320-504	(1/0)		SCHED C & D PROG CHAN UNIT (TA) VF TESTS AND ADJ	TT
>	362-320-505	(2/0)		SCHED C & D PROG CHAN UNIT (TA) EQUALIZER ADJUSTMENT	TT
>	362-320-511	(1/0)		SCHED A & B PROG CHAN UNIT (J98703W) CHAN NET LOSS MEAS & TRANS FREQ TSTS	TT
>	362-320-516	(1/1)		SCHEDULES A AND B N CARR PROGRAM TERM. (J99333) INIT LU AND MAINT TSTS & ADJS	TT
>	362-330-501	(4/0)	10	CHART 2,4 (F,FA MOD) RCVD SIG LEVEL	TT
>			10	CHART 1,3, (F,FA) RCVD SIG LEVEL	TT
>			11	CHART 2,4 (F,FA MOD) SIG RELAY CURR	TT
>			11	CHART 1,3 (F,FA) SIG RELAY CURR	TT
>			12	CHART 2,4 (F,FA MOD) SIG RCVR SENSITIVITY	TT
>			2	CHART 2,4 (F,FA MOD) CHAN CURR LEAK	TT
>			2	CHART 1,3 (F,FA) CHAN CARR LEAK	TT
>			3	CHART 1,3 (F,FA) COMPRESSOR GAIN	TT
>			4B	CHART 1,3 (F,FA) CHAN REGULATOR	TT
>			5	CHART 2,4, (F,FA MOD) DEMOD OUTPUT	TT
>			5	CHART 1,3 (F,FA) DEMOD OUTPUT	TT
>			7	CHART 2,4 (F,FA MOD) CHAN REGULATION	TT
>			7	CHART 1,3 (F,FA) CHAN REGULATION	TT
>			8	CHART 2,4 (F,FA MOD) CHAN NOISE	TT
>			8	CHART 1,3 (F,FA) CHAN NOISE	TT
>			9	CHART 2,4 (F,FA MOD) CHAN NET LOSS	TT
>			9	CHART 1,3 (F,FA) CHAN NET LOSS	TT
>	362-330-502	(5/0)	2	CHART 2,4 (AP MOD) CHAN CARR LEAK	TT
>			2	CHART 1,3 (AP) CHAN CARR LEAK	TT
>			3	CHART 1,3 (AP) COMPRESSOR GAIN	TT
>			4B	CHART 1,3 (AP) CHAN REGULATOR	TT

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>	362-330-502	(5/0)	5	CHART 2,4 (AP MOD) DEMOC OUTPUT	TT	-----	
>			5	CHART 1,3 (AP) DEMOD OUTPUT	TT	-----	
>			7	CHART 2,4 (AP MOD) CHAN REGULATION	TT	-----	
>			7	CHART 1,3 (AP) CHAN REGULATION	TT	-----	
>			8	CHART 2,4 (AP MOD) CHAN NOISE	TT	-----	
>			8	CHART 1,3 (AP) CHAN NOISE	TT	-----	
>			9	CHART 2,4 (AP MOD) CHAN NET LOSS	TT	-----	
>			9	CHART 1,3 (AP) CHAN NET LOSS	TT	-----	
>	362-330-503	(5/0)	2	CHART 1,2 (AH) CHAN REGULATOR (ORIG)	TT	-----	
>			3	CHART 1,2 (AH) DEMOD OUTPUT	TT	-----	
>			5	CHART 1,2 (AH) CHAN REGULATION	TT	-----	
>			8	CHART 1,2 (AH) CHAN CARR LEAK	TT	-----	
>	362-330-504	(5/0)	2	CHART 1,2 (AM) CHAN CARR LEAK	TT	-----	
>			3	CHART 1,2 (AM) TRMTG VF OUTPUT	TT	-----	
>			5	CHART 1,2 (AM) CHAN REGULATOR	TT	-----	
>			6	CHART 1,2 (AM) RCVG VF INPUT	TT	-----	
>			7	CHART 1,2 (AM) RCVG VF OUTPUT	TT	-----	
>			8	CHART 1,2 (AM) CHAN REGULATION	TT	-----	
>			9	CHART 1,2 (AM) CHAN NOISE	TT	-----	
>	362-330-505	(5/0)	2	CHART 1,2 (TA) CHAN CARR LEAK	TT	-----	
>			3	CHART 1,2 (TA) COMPRESSOR GAIN	TT	-----	
>			5	CHART 1,2 (TA) CHAN REGULATOR (ORIG)	TT	-----	
>			6	CHART 1,2 (TA) DEMOD OUTPUT	TT	-----	
>			8	CHART 1,2 (TA) CHAN REGULATION	TT	-----	
>			9	CHART 1,2 (TA) CHAN REGULATION	TT	-----	
>	362-330-506	(5/0)	2	(W) CHAN CARR LEAK	TT	-----	
>			4	(W) CHAN REGULATOR	TT	-----	
>			5	(W) CHAN VF OUTPUT AND FREQ CARR	TT	-----	
>	362-330-507	(3/0)	2	CHART 1,2 (BP) CHAN CARR LEAK	TT	-----	
>			2	CHART 1,2 (BP) CHAN CARR LEAK	TT	-----	
>			3	CHART 1,2 (BP) COMPRESSOR GAIN	TT	-----	
>			5	CHART 1,2 (BP) DEMOD OUTPUT	TT	-----	
>			7	CHART 1,2 (BP) CHAN REGULATION	TT	-----	
>			7	CHART 1,2 (BP) CHAN REGULATION	TT	-----	
>			8	CHART 1,2 (BP) CHAN NOISE	TT	-----	
>			9	CHART 1,2 (BP) CHAN NET LOSS	TT	-----	
>	CHANNEL HIN						
>	362-020-510	(1/1)	10	CHART 4, (F,FA MOD) RECEIVED SIG LEVEL	TT	-----	
>			10	CHART 3, (F,FA) RECEIVED SIG LEVEL	TT	-----	
>			11	CHART 4, (F,FA MOD) SIG RELAY CURRENT	TT	-----	

>	362-020-510 (1/1)	11	CHART 3, (F,FA) SIG RELAY CURRENT	TT	-----
>		12	CHART 4, (F,FA MOD) SIG RECEIVER SENSITIVITY	TT	-----
>		12	CHART 3, (F,FA) SIG RECEIVER SENSITIVITY	TT	-----
>		2	CHART 10, (AH) CHAN REGULATOR ORIGINAL	TT	-----
>		2	CHART 9, (TA) CHAN CARRIER LEAK	TT	-----
>		2	CHART 8, (AM) CHAN CARRIER LEAK	TT	-----
>		2	CHART 7, (BP) CHAN CARRIER LEAK	TT	-----
>		2	CHART 6, (AP MOD) CHAN CARRIER LEAK	TT	-----
>		2	CHART 5, (AP) CHAN CARRIER LEAK	TT	-----
>		2	CHART 4, (F,FA MOD) CHAN CARRIER LEAK	TT	-----
>		2	CHART 3, (F,FA) CHAN CARRIER LEAK	TT	-----
>		3B	CHART 6, (AP MOD) COMPRESSOR NOISE	TT	-----
>		3B	CHART 4, (F,FA MOD) COMPRESSOR NOISE	TT	-----
>		3	CHART 10, (AH) DEMODULATOR OUTPUT LEVEL	TT	-----
>		3	CHART 9, (TA) COMPRESSOR GAIN	TT	-----
>		3	CHART 8, (AM) TRANSMIT VF OUTPUT	TT	-----
>		3	CHART 5, (AP) COMPRESSOR OUTPUT	TT	-----
>		3	CHART 3, (F,FA) COMPRESSOR GAIN	TT	-----
>		4B	CHART 5, (AP) CHAN REGULATOR	TT	-----
>		4B	CHART 3, (F,FA) CHAN REGULATOR	TT	-----
>		5	CHART 10, (AH) CHAN REGULATION	TT	-----
>		5	CHART 9, (TA) CHAN REGULATOR ORIGINAL	TT	-----
>		5	CHART 8, (AM) CHAN REGULATOR	TT	-----
>		5	CHART 7, (BP) DEMODULATOR OUTPUT	TT	-----
>		5	CHART 6, (AP MOD) DEMODULATOR OUTPUT	TT	-----
>		5	CHART 5, (AP) DEMODULATOR OUTPUT	TT	-----
>		5	CHART 4, (F,FA MOD) DEMODULATOR OUTPUT	TT	-----
>		5	CHART 3, (F,FA) DEMODULATOR OUTPUT	TT	-----
>		6	CHART 9, (TA) DEMODULATOR OUTPUT	TT	-----
>		6	CHART 8, (AM) RECEIVING VF INPUT	TT	-----
>		7	CHART 8, (AM) RECEIVING VF OUTPUT	TT	-----
>		7	CHART 8, (AM) RECEIVING VF OUTPUT	TT	-----
>		7	CHART 7, (BP) CHAN REGULATION	TT	-----
>		7	CHART 6, (AP MOD) CHAN REGULATION	TT	-----
>		7	CHART 6, (AP MOD) CHAN REGULATION	TT	-----
>		7	CHART 5, (AP) CHAN REGULATION	TT	-----
>		7	CHART 4, (F,FA MOD) CHAN REGULATION	TT	-----
>		7	CHART 3, (F,FA) CHAN REGULATION	TT	-----
>		8	CHART 10, (AH) CHAN CARRIER LEAK	TT	-----
>		8	CHART 9, (TA) CHAN REGULATION	TT	-----

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>	362-020-510	(1/1)	8	CHART 8, (AM) CHAN REGULATION	TT	-----
>			8	CHART 7, (BP) CHAN NET LOSS	TT	-----
>			8	CHART 6, (AP MOD) CHAN NET LOSS	TT	-----
>			8	CHART 5, (AP) CHAN NET LOSS	TT	-----
>			8	CHART 4, (F,FA MOD) CHAN NOISE	TT	-----
>			8	CHART 3, (F,FA) CHAN NOISE	TT	-----
>			9	CHART 9, (TA) CHAN FREQ CHARACTERISTICS	TT	-----
>			9	CHART 8, (AM) NOISE MEASUREMENT	TT	-----
>			9	CHART 7, (BP) CHAN NOISE	TT	-----
>			9	CHART 6, (AP MOD) CHAN NOISE	TT	-----
>			9	CHART 5, (AP) CHAN NOISE	TT	-----
>			9	CHART 4, (F,FA MOD) CHAN NET LOSS	TT	-----
>			9	CHART 3, (F,FA) CHAN NET LOSS	TT	-----
>	N1 REPEATER					
>	362-400-510	(6/1)		METHODS OF COMPUTING SLOPE, BULGE, CUBIC, AND QUARTIC DISTORTION ON AND ON REPEATERS	TT	-----
>	362-401-501	(1/0)		N, O, AND ON CARRIER MESSAGE NOISE MEASUREMENTS AT CARR FREQ	TT	-----
>	362-405-501	(5/0)		N, O, AND ON CARRIER CHK OF LC, SPAN PADS, EQUALIZERS, AND NOISE CONTROL	TT	-----
>	362-405-502	(4/1)		ADJ OF PWR SUP AND SEAL. CUR AND CHK OF FUSE ALM ON, O, AND ON CARRIER	TT	-----
>	362-405-516	(2/0)		TRSTRIZED RPTR PTS @ CHK OF VOLTAGE PO, CUR & SEAL. CUR PROV	TT	-----
>	362-410-503	(3/0)		304-KHZ OSCILLATOR FREQUENCY MEASUREMENTS ON AND ON CARRIER REPEATERS	TT	-----
>	362-410-511	(4/0)	B	N1-H AND ON-H RPTRS MAINTENANCE AND TROUBLESHOOTING PROCEDURES	TT	-----
>	362-410-510	(5/0)	CH2	MEASURING 60-HZ INDUCED CURRENT ON AN N1A REPEATER	TT	-----
>	362-415-502	(9/1)		N1, N1-H, ON, & ON-H REPEATERED LINE MEASUREMENT OF SLOPE, BULGE, CUBIC AND QUARTIC DISTORTION, AND CARRIER LEAK	TT	-----
>	362-415-503	(1/0)		N AND ON REPEATERS @ EQUALIZATION OF INDIVIDUAL CARRIERS AT THE OUTPUT OF THE REPEATER	TT	-----
>	362-415-504	(1/0)		N AND ON REPEATERED HIGH @ FREQUENCY LINE, MEASUREMENTS OF DEV EQL LOSS	TT	-----
>	362-415-505	(2/0)		N1 AND ON REPEATERS @ ADJ DEV EQL LINEUP	TT	-----
>	362-415-509	(2/0)		N AND ON REPEATERS @ ADJUSTABLE DEVIATION EQUALIZER LINEUP USING N LINE DEVIATION TEST SET	TT	-----
>	362-415-511	(2/0)		RPTRED HI-FREQ LINE SECTIONALIZING PROCEDURE FOR INVESTIGATING FREQ DRIFT	TT	-----
>	362-415-515	(4/0)	3A	N1A RPTRS @ MEASUREMENT OF SLOPE, BULGE, CUBIC, AND QUARTIC DISTORTION USING THE DTS	TT	-----
>			3B	N1A RPTRS @ MEASUREMENT OF INDIVIDUAL CARRIER POWER USING THE CFVM	TT	-----
>	362-420-501	(7/0)		METHOD OF SWITCHING AND LOOPING N1, N1-H, ON, ON-H AND N2 RPTRS IN N2/N1 ADPTRS WITH J94002M RPTR SWITCHING SET	TT	-----

>	362-420-502	(3/1)	3C	N1A RPTRS@CARRIER LEAK TEST	TT	-----
>				LOOPING OF INDIVIDUAL REPEATERED SECTIONS	TT	-----
>	362-420-515	(3/0)		LOOPING OF INDIVIDUAL REPEATERED SECTIONS METHD OF SW N1A RPTRS & N2 RPTRS IN N2/N1A ADPTRS WITH J98703BD RPTR SW SET	TT	-----
>	362-440-501	(2/0)		LBO AND CROSS-CONNECTING EQUIPMENT CHECK OF SHIELD AND SHEATH CONTINUITY AND GROUNDING	TT	-----
>	362-440-502	(1/0)	A	LBO AND CROSS-CONN EQPT@CHECK FUSE ALARM OPERATION, INITIAL INSTALLATION AND OUT-OF-SERVICE TESTS	TT	-----
>	362-440-503	(3/0)		CHECK OF LOCAL CABLING, SPAN PADS, AND EQUALIZERS	TT	-----
>	362-440-504	(2/0)		RPTR PWR SUP PT @ ADJ OF PWR SUP AND SEAL, CUR FOR LP OF N1, N1A & N2 RPTRS	TT	-----
>	362-440-505	(1/0)		N AND ON HI-FREQ CROSS-CONNECT AND LBO@CHECK OF LOCAL CABLING, SPAN PADS, AND EQUALIZERS	TT	-----
>	362-500-500	(3/0)		N AND ON2 CARRIER DEVIATION REGULATOR-MAINTENANCE CONSIDERATIONS	TT	-----
>	362-501-501	(1/0)		N AND ON2 DEV REG@CHECK OF LOCL CABLING, SPAN PADS, AND ARTIFICIAL LINE SECTIONS	TT	-----
>	362-501-502	(1/0)		N AND ON2 DEV REG@CHECK OF PLATE SUPPLY AND ADJUSTMENT OF HEATER VOLTAGES	TT	-----
>	362-502-501	(1/0)		N AND ON2 DEV@OUT-OF-SERVICE LINEUP CHECK AND ADJUSTMENT OF INDIVIDUAL CARR GAIN@METHOD A OR B	TT	-----
>	362-502-502	(2/0)		N AND ON2 DEV REG@OUT-OF-SERVICE LINEUP, CHECK OF DEV REGULATOR RANGE@METHOD A OR B	TT	-----
>	362-503-501	(1/0)		N AND ON2 DEV REG@IN-SERVICE LINEUP PROCEDURE METHOD A OR B	TT	-----
>	362-504-501	(1/0)		N AND ON2 @ SWITCHING A DEVIATION REGULATOR	TT	-----
>	362-504-502	(1/0)		N AND ON2@BYPASSING A DEVIATION REGULATOR	TT	-----
>	362-504-503	(1/0)		N AND ON2@REMOVING DEV REG CONTROL UNIT FROM SERVICE	TT	-----
>	362-504-504	(1/0)		N AND ON2@DEVIATION REGULATOR@BYPASSING FAULTY NET THERMISTOR	TT	-----
>	362-506-504	(2/0)		N AND ON2 DEV PEG@MAINTENANCE AND ADJUSTMENTS@OUT-OF-SERVICE TESTS	TT	-----
>	362-506-505	(1/0)		N AND ON2 DEV REG@MAINTENANCE TESTS AND ADJUSTMENTS, CHECK FOR DEFECTIVE SHAPE NETWORK	TT	-----
>	N1A REPEATER					
>	362-410-515	(5/0)	CH1	MEASURING DIRECT CURRENT SUPPLIED TO AN N1A REPEATER	TT	-----
>	362-410-516	(4/0)		RPTRS N1A@TRSTR EMTR CUR AND THERM HEATER CUR TEST	TT	-----
>	362-415-501	(7/0)		TOTAL CARRIER POWER OUTPUT	TT	-----
>	362-440-502	(1/0)	B	FUSE ALARM OPERATIONS@IN SERVICE TEST	TT	-----
>	N1-H REPEATER					
>	362-410-511	(4/0)		N1-H AND ON-H MAINTENANCE AND TROUBLESHOOTING PROCEDURES	TT	-----