

**BANDWIDTH**

BANDWIDTH	&R76	&R77	&R78	&R83	&C52	&C66	&C140	&C141	&C142	&R140	&R141	&R147	&R148
7.5. KHZ	12KX	22KX	39KX	680X	18NYPI	8P2V	4N7V	4N7V	4N7V	150KX	390X	180KX	18KX
15. KHZ	6K8X	12KX	47KX	1K5X	22NYPI	-	3N3V	3N3V	1N0V	120KX	330X	270KX	6K8X
USA-SPEC	8K2X	6K8X	82KX	1K5X	22NYPI	-	3N3V	3N3V	1N0V	120KX	330X	270KX	6K8X

**TONE**

*TONE	+CE0
5. TONE	27PV
STANDARD	-

**FREQUENCY**

@FREQUENCY	@R01
400-470. MHZ	18KX
450-520. MHZ	27KX

○ = DC VOLTAGES MEASURED WITH 10MHZ/V METER & SET RUNNING NORMALLY.  
 R = RECEIVE MEASURED WITH NO SIGNAL. ± 20% TOLERANCE UNLESS OTHERWISE SHOWN.  
 T = TRANSMIT @ 25W OUTPUT

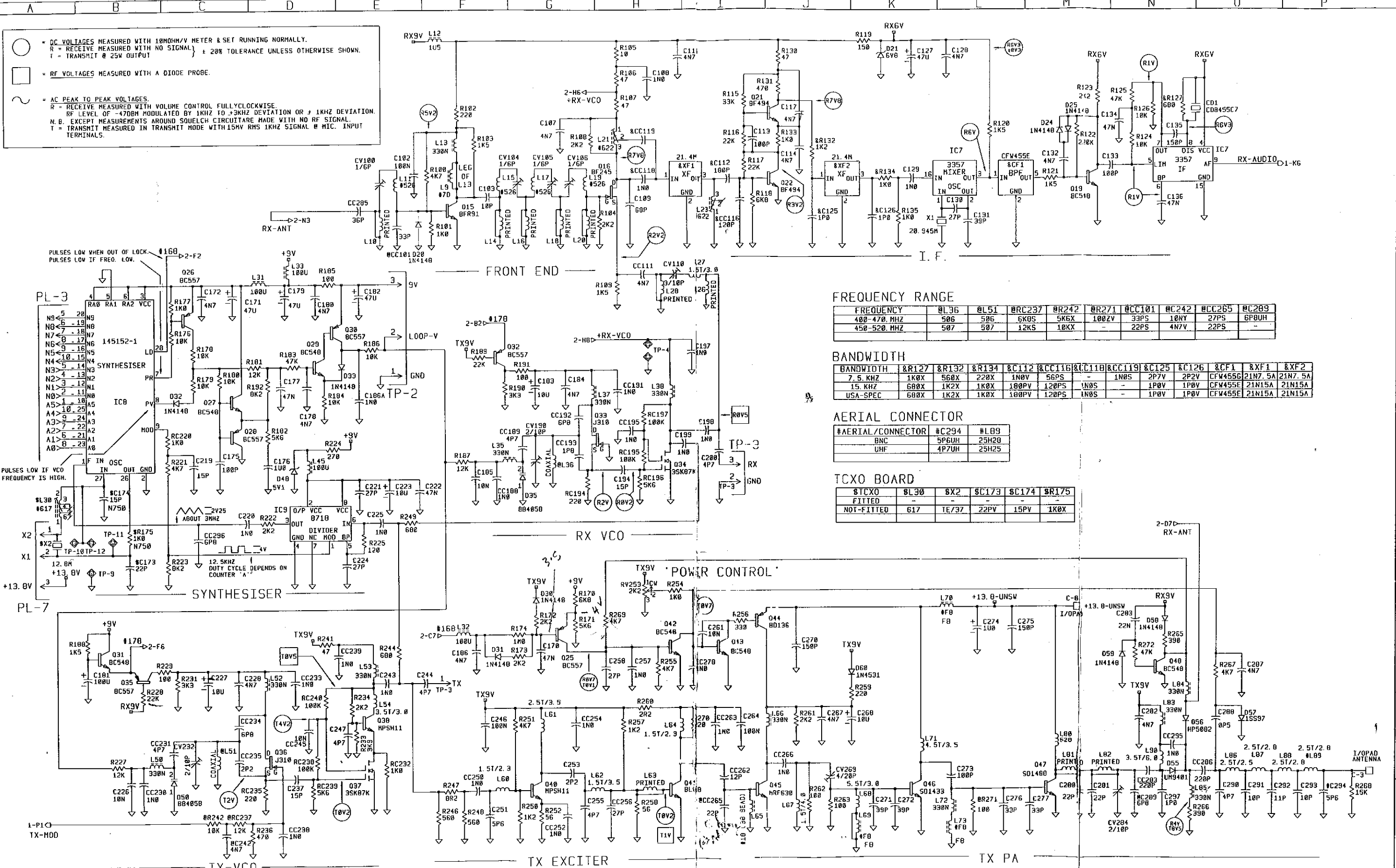
□ = RF VOLTAGES MEASURED WITH A DIODE PROBE.

~ = AC PEAK TO PEAK VOLTAGES.

R = RECEIVE MEASURED WITH VOLUME CONTROL FULLY CLOCKWISE.  
 RF LEVEL OF -47DBM MODULATED BY 1KHZ TO +3KHZ DEVIATION OR 1 KHZ DEVIATION.  
 N.B. EXCEPT MEASUREMENTS AROUND SQUELCH CIRCUITRY MADE WITH NO RF SIGNAL.  
 T = TRANSMIT MEASURED IN TRANSMIT MODE WITH 15W RMS 1KHZ SIGNAL @ MIC. INPUT TERMINALS.

<table border="1"> <tr><td>IA</td><td>CN: 89/290, 340, 388, 419, 425, 427, 538, 58/865, 878, 888, 166, 222, 234, 417, 443, 449, 493</td><td>M. HALL</td></tr> <tr><td>I</td><td>CN: 89/05-237, 270</td><td>D. ELDER</td></tr> <tr><td>H</td><td>CN: 89/01-022, 024, 03-031, 150, 151</td><td>D. ELDER</td></tr> <tr><td>G</td><td>REDUCED TO 2 SHEETS. CN: 88/11-551, 12-597, 614, 615, 620</td><td>DAVE/GREG</td></tr> <tr><td>F</td><td>REVAMPED SYMBOLS</td><td>JACKIE</td></tr> <tr><td>E</td><td>CHANGES PER CH.N. 88/03/167</td><td>D. ELDER</td></tr> <tr><td>D</td><td>CHANGES PER CH.N. 88/01/016, 88/01/007.</td><td>D. ELDER</td></tr> <tr><td>C</td><td>T555</td><td>H. MORRIN</td></tr> </table>	IA	CN: 89/290, 340, 388, 419, 425, 427, 538, 58/865, 878, 888, 166, 222, 234, 417, 443, 449, 493	M. HALL	I	CN: 89/05-237, 270	D. ELDER	H	CN: 89/01-022, 024, 03-031, 150, 151	D. ELDER	G	REDUCED TO 2 SHEETS. CN: 88/11-551, 12-597, 614, 615, 620	DAVE/GREG	F	REVAMPED SYMBOLS	JACKIE	E	CHANGES PER CH.N. 88/03/167	D. ELDER	D	CHANGES PER CH.N. 88/01/016, 88/01/007.	D. ELDER	C	T555	H. MORRIN	<p>TITLE</p> <h1>T555</h1> <h2>AUDIO &amp; REGULATORS</h2>	<p>ASSEMBLY DRAWING SCALE:</p> <p>TAIT ELECTRONICS NEW ZEALAND</p> <p>DRAWING NO: C593 SHEET 1 OF 2 ISSUE 1E</p> <p>IPN: 220-01113-01</p> <p>FILE NAME: E55LE FILE DATE: 14-03-91</p>
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R = RECEIVE MEASURED WITH NO SIGNAL } ± 20% TOLERANCE UNLESS OTHERWISE SHOWN.  
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FREQUENCY RANGE

FREQUENCY	@L36	@L51	@RC237	@R242	@R271	@CC101	@C242	@CC265	@C289
400-470. MHZ	506	506	6K05	5K6X	100ZV	33P5	10N7	27P5	6P8UH
450-520. MHZ	507	507	12K5	10KX	-	22P5	4N7V	22P5	-

BANDWIDTH

BANDWIDTH	@R127	@R132	@R134	@C112	@CC116	@C118	@CC119	@C125	@C126	@CF1	@XF1	@XF2
7.5. KHZ	1K0X	50X	220X	1N0V	56P5	-	1N05	2P7V	2P2V	CFW455E	21N7.5A	21N7.5A
15. KHZ	600X	1K2X	1K0X	100PV	120PS	1N05	-	1P0V	1P8V	CFW455E	21N15A	21N15A
USA-SPEC	600X	1K2X	1K0X	100PV	120PS	1N05	-	1P0V	1P8V	CFW455E	21N15A	21N15A

AERIAL CONNECTOR

#AERIAL/CONNECTOR	#C294	#L89
BNC	5P6UH	25H28
UHF	4P7UH	25H25

TCXO BOARD

TCXO	@L30	@X2	@C173	@C174	@R175
FITTED	-	-	-	-	-
NOT-FITTED	G17	TE/37	22PV	15PV	1K0X

REV	CHG	BY	DATE	REASON	CHKD	APVD	DATE
1A	OK	89/293, 348, 388, 419, 425, 427, 539, 98/056, 070, 800, 166, 222, 234, 417, 443, 449, 493		M. HALL			1/6/89
I	OK	89/05-237, 278		D. ELDER			3/4/89
H	OK	89/01-022, 024, 03-091, 150, 151		D. ELDER			10/11/89
G	OK	REDUCED TO 2 SHEETS. CN: 88/11-551, 12-597, 614, 615, 620		DAVE/GREG			25/01/88
F	OK	REVAMPED SYMBOLS		JACKIE			12/4/88
E	OK	CHANGES PER CH.N. 88/03/167		D. ELDER			16/2/88
D	OK	CHANGES PER CH.N. 88/01/016, 88/01/007		D. ELDER			5/5/87
C	OK	T555		M. MORRIN			

TITLE  
T555  
TRANSMITTER AND RECEIVER

TAIT ELECTRONICS NEW ZEALAND  
DRAWING NO: C593 SHEET 2 OF 2 ISSUE 1E  
IPN: 22-01113-01  
FILE NAME: 55LIE FILE DATE: 14-03-91

ASSEMBLY DRAWING SCALE: