

APPENDIX 2

LIST OF PRINCIPAL COMPONENTS

The following list of parts is issued for information only. When ordering spares A.P.1086 must be consulted.

CONDENSERS

Circuit Ref.	Capacity	Type	Stores Ref. No.	Remarks
$C_1 + C_{32} + C_{34}$	$2.5 \mu F + 2.5 \mu F + 1.0 \mu F$	892	10C/960	
$C_2 + C_{33}$	$(0.1 \mu F + 0.1 \mu F) + 0.1 \mu F$	1,662	10C/3399	
$C_3 + C_4 + C_5$	$2.5 \mu F + 1.0 \mu F + 2.5 \mu F$	894	10C/962	
$C_6$	$100 \mu\mu F$	895	10C/963	
$C_7$	$0.005 \mu F$	2,900	10C/5352	
$C_8, C_9$	$0.001 \mu F$	2,195	10C/4250	
$C_{10}$	$0.004 \mu F$	3,376	10C/11140	
$C_{11}$	$100 \mu\mu F$	895	10C/963	
$C_{12}$	$0.1 \mu F$	899	10C/967	
$C_{13}$	$5 \text{ to } 60 \mu\mu F \text{ var.}$	1,525	10C/3129	
$C_{14}$	$1,600 \mu\mu F$	901	10C/969	Pre-set 2 of $800 \mu\mu F$ in parallel
$C_{15}$	$4,550 \mu\mu F$	917	10C/2005	
$C_{16}$	$0.5 \mu F$	902	10C/970	
$C_{17}$	$100 \mu\mu F$	918	10C/2006	
$C_{18}$	$0.005 \mu F$	2,900	10C/5352	
$C_{19}$	$0.001 \mu F$	4,356	10C/13364	
$C_{20} \text{ to } C_{24}$	$0.005 \mu F$	2,900	10C/5352	
$C_{25}$	$0.001 \mu F$	4,356	10C/13364	
$C_{26} + C_{27} + C_{28}$	$0.1 \mu F + 0.1 \mu F + 0.1 \mu F$	1,662	10C/3399	
$C_{29} + C_{30} + C_{31}$	$0.1 \mu F + 0.1 \mu F + 0.1 \mu F$	1,662	10C/3399	
$C_{32} + C_{34} + C_{35}$	$0.1 \mu F + 0.1 \mu F + 0.1 \mu F$	1,662	10C/3399	
$C_{31}$	$0.1 \mu F$	899	10C/967	
$C_{33}$	$200 \mu\mu F$	904	10C/972	
$C_{36}$	—	—	—	See $C_{32}$
$C_{37}, C_{38}$	$0.1 \mu F$	899	10C/967	
$C_{39}$	—	—	—	See $C_7$
$C_{40}$	$0.1 \mu F$	899	10C/967	
$C_{41} + C_{49} + C_{50}$	$0.1 \mu F + 0.1 \mu F + 0.1 \mu F$	1,662	10C/3399	
$C_{42}, C_{43}$	$25 \mu\mu F$	919	10C/2007	
$C_{44}, C_{45}$	$240 \mu\mu F$	920	10C/2008	
$C_{46}, C_{47}$	$80 \mu\mu F$	921	10C/2009	
$C_{48}$	$200 \mu\mu F$	3,556	10C/11658	
$C_{49}, C_{50}$	—	—	—	See $C_{41}$
$C_{51} + C_{52} + C_{53}$	$0.1 \mu F + 0.1 \mu F + 0.1 \mu F$	1,662	10C/3399	
$C_{54}$	$0.05 \mu F$	3,361	10C/11125	
$C_{55}$	$0.5 \mu F$	902	10C/970	
$C_{56}$	$8-105 \mu\mu F \text{ var.}$	1,665	10C/3402	
$C_{57} \text{ to } C_{61}$	$5 \times 4 \text{ to } 40 \mu\mu F \text{ var.}$	—	10C/3173	Condenser unit, type 34
$C_{62} \text{ to } C_{66}$	$5 \times 4 \text{ to } \mu\mu 40 \text{ var.}$	—	10C/3173	Condenser unit, type 34
$C_{67}$	$0.002 \mu F$	923	10C/2011	
$C_{68} \text{ to } C_{70}$	$3 \times 4 \text{ to } 40 \mu\mu F \text{ var.}$	—	10C/3174	Condenser unit, type 35
$C_{71}, C_{72}$	$5 \text{ to } 60 \mu\mu F \text{ var.}$	908	10C/976	
$C_{73}$	$93 \mu\mu F$	2,205	10C/4260	
$C_{74}$	$255 \mu\mu F$	925	10C/2013	
$C_{75}$	$537 \mu\mu F$	926	10C/2014	
$C_{76}$	$1,670 \mu\mu F$	927	10C/2015	
$C_{77}$	$6,170 \mu\mu F$	928	10C/2016	
$C_{78}$	$20 \mu\mu F$	429	10C/10948	
$C_{79}$	$15 \mu\mu F$	910	10C/978	
$C_{80}$	$25 \mu\mu F$	1,439	10C/3027	
$C_{81}$	$15 \mu\mu F$	910	10C/978	
$C_{82} + C_{83} + C_{84}$	—	4,597 or 1,440	10C/13984 10C/3028	Variable 3-gang, with scale to suit R.1155L and N only Other versions

CONDENSERS—Contd.

Circuit Ref.	Capacity	Type	Stores Ref. No.	Remarks
C <sub>85</sub> to C <sub>88</sub>	300 $\mu\mu\text{F}$	929	10C/2017	
C <sub>89</sub>	600 $\mu\mu\text{F}$	903	10C/971	
C <sub>90</sub>	300 $\mu\mu\text{F}$	929	10C/2017	
C <sub>91</sub>	40 $\mu\mu\text{F}$	4,688	10C/14211	
C <sub>92</sub>	—	—	—	See C <sub>1</sub>
C <sub>93</sub>	4 $\mu\text{F}$	911	10C/979	
C <sub>94</sub>	—	—	—	See C <sub>1</sub>
C <sub>95</sub>	0.5 $\mu\text{F}$	902	10C/970	
C <sub>96</sub>	0.02 $\mu\text{F}$	3,360	10C/11124	
C <sub>97</sub> , C <sub>98</sub>	2.2 $\mu\mu\text{F}$ or 2 $\mu\mu\text{F}$	4,939 or 913	10C/14719 10C/2001	
C <sub>99</sub>	100 $\mu\mu\text{F}$	918	10C/2006	
C <sub>100</sub>	200 $\mu\mu\text{F}$	3,556	10C/11658	
C <sub>101</sub>	4 $\mu\mu\text{F}$ or 3.9 $\mu\mu\text{F}$	914 or 4,955	10C/2002 10C/14757	
C <sub>102</sub>	0.001 $\mu\text{F}$	4,356	10C/13364	
C <sub>103</sub>	0.005 $\mu\text{F}$	2,900	10C/5352	
C <sub>104</sub>	75 $\mu\mu\text{F}$ var.	900	10C/968	In plug, type 209
C <sub>105</sub>	0.1 $\mu\text{F}$	3,362	10C/11126	
C <sub>106</sub>	65 $\mu\mu\text{F}$	1,265	10C/2649	In plug, type 209
C <sub>107</sub>	0.1 $\mu\text{F}$	3,381	10C/11157	
C <sub>108</sub>	200 $\mu\mu\text{F}$	904	10C/972	
C <sub>109</sub>	100 $\mu\mu\text{F}$	2,685 or 611	10C/4995 10C/96	Preferred
C <sub>110</sub>	40 $\mu\mu\text{F}$	4,688	10C/14211	
C <sub>111</sub>	8 $\mu\mu\text{F}$	1,729	10C/3503	
C <sub>112</sub>	30 $\mu\mu\text{F}$	2,612	10C/4922	
C <sub>113</sub> , C <sub>114</sub>	160 $\mu\mu\text{F}$	2,613	10C/4923	
C <sub>115</sub>	300 $\mu\mu\text{F}$	1,474	10C/3064	
C <sub>116</sub>	1,320 $\mu\mu\text{F}$	925	10C/2013	R.1155L and N

RESISTORS

Circuit Ref.	Resistance in ohms	Type	Stores Ref. No.	Remarks
R <sub>1</sub>	2,000	1,001	10W/1001	4,700 ohms in some receivers
R <sub>2</sub> , R <sub>3</sub>	1,200	1,002	10W/1002	
R <sub>4</sub>	120	1,003	10W/1003	
R <sub>5</sub>	1,000	500	10W/11667	
R <sub>6</sub>	1,500	592	10W/124	
R <sub>7</sub>	270	860	10W/860	
R <sub>8(1)</sub>	50,000	1,000	10W/1000	Dual potentiometer
R <sub>8(2)</sub>	500,000			
R <sub>9</sub>	2,000,000	1,004	10W/1004	
R <sub>10</sub> , R <sub>11</sub>	150,000	478	10W/11382	
R <sub>12</sub>	27,000	1,005	10W/1005	
R <sub>13</sub>	1,000,000	480	10W/11384	
R <sub>14</sub>	1,000	500	10W/11667	
R <sub>15</sub>	30,000	1,007	10W/1007	
R <sub>16</sub>	27,000	1,006	10W/1006	
R <sub>17</sub>	1,500	1,082	10W/1082	
R <sub>18</sub>	10,000	906	10W/777	
R <sub>19</sub> , R <sub>20</sub>	56,000	1,008	10W/1008	
R <sub>21</sub>	470,000	989	10W/989	
R <sub>22</sub>	1,000	500	10W/11667	
R <sub>23</sub>	20,000	998	10W/998	Variable 6,000 to 20,000 ohms or may be resistance unit 10W/12616 (14,000 ohms vari- able plus 6,000 ohms in series) in some receivers
R <sub>24</sub> , R <sub>25</sub>	22,000	1,010	10W/1010	
R <sub>26</sub>	100,000	993	10W/993	
R <sub>27</sub>	27,000	1,006	10W/1006	
R <sub>28</sub>	22,000	1,010	10W/1010	
R <sub>29</sub>	100,000	993	10W/993	
R <sub>30</sub>	2,200	875	10W/691	
R <sub>31</sub>	27,000	1,006	10W/1006	

RESISTORS—Contd.

Circuit Ref.	Resistance in ohms	Type	Stores Ref. No.	Remarks
R <sub>32</sub>	22,000	1,010	10W/1010	
R <sub>33</sub>	100,000	993	10W/993	
R <sub>34</sub>	2,200	875	10W/691	
R <sub>35</sub>	22,000	1,278	10W/1278	
R <sub>36</sub>	27,000	1,006	10W/1006	
R <sub>37</sub>	22,000	1,010	10W/1010	
R <sub>38</sub>	100,000	993	10W/993	
R <sub>39</sub>	56,000	1,008	10W/1008	
R <sub>40</sub> , R <sub>41</sub>	1,500	1,082	10W/1082	
R <sub>42</sub>	2,200	875	10W/691	
R <sub>43</sub>	27,000	1,006	10W/1006	
R <sub>44</sub>	22,000	1,010	10W/1010	
R <sub>45</sub>	100,000	993	10W/993	
R <sub>46</sub>	1,500	1,082	10W/1082	
R <sub>47</sub>	27,000	1,006	10W/1006	
R <sub>48</sub>	3,300	1,464	10W/1464	6,800 ohms in some receivers
R <sub>49</sub>	27,000	1,006	10W/1006	
R <sub>50</sub>	3,300	1,464	10W/1464	6,800 ohms in some receivers
R <sub>51</sub>	20,000	999	10W/999	Variable
R <sub>52</sub>	6,800	991	10W/991	
R <sub>53</sub>	560,000	992	10W/992	
R <sub>54</sub> , R <sub>55</sub>	56,000	1,008	10W/1008	
R <sub>56</sub>	240	995	10W/995	
R <sub>57</sub>	560,000	992	10W/992	
R <sub>58</sub>	2,200	875	10W/691	
R <sub>59</sub> , R <sub>60</sub>	220,000	855	10W/648	
R <sub>61</sub>	1,200	6,492	10W/6492	
R <sub>62</sub> , R <sub>63</sub>	2,200	996	10W/996	
R <sub>64</sub>	200 or 100	1,634 918	10W/1634 10W/2006	R <sub>64</sub> is 100 ohms when R <sub>63</sub> is fitted
R <sub>65</sub> , R <sub>66</sub>	10,000	505	10W/11671	
R <sub>67</sub>	22,000	1,010	10W/1010	
R <sub>68</sub>	56,000	1,008	10W/1008	Not always fitted
R <sub>69</sub>	100	918	10W/2006	
R <sub>70</sub>	1,000	500	10W/11667	
R <sub>71</sub>	150,000	7,373	10W/7373	
R <sub>72</sub>	68	8,076	10W/8076	
R <sub>73</sub>	470	2,760	10W/9507	R.1155L and N
R <sub>74</sub>	150	1,931	10W/1931	R.1155L and N

OTHER COMPONENTS

Circuit Ref.	Nomenclature	Stores Ref. No.	Remarks
COILS, CHOKES, etc.			
L <sub>1</sub>	Coil, Dummy Loop	10D/1644	
L <sub>2</sub>	Coil, Aerial, Range 1	10D/1643	
L <sub>3</sub>	Coil, Aerial, Range 2	10D/955	
L <sub>4</sub>	Coil, D.F., Range 3	10D/161	
L <sub>5</sub>	Coil, D.F., Range 4	10D/162	
L <sub>6</sub>	Coil, D.F., Range 5	10D/163	
L <sub>7</sub>	Coil, Anode, Range 1	10D/1635	
L <sub>8</sub>	Coil, Anode, Range 2	10D/1636	
L <sub>9</sub>	Coil, Anode, Range 3	10D/1637	
L <sub>10</sub>	Coil, Anode, Range 4	10D/1638	
L <sub>11</sub>	Coil, Anode, Range 5	10D/953	
L <sub>12</sub>	Coil, Filter, I.F.	10D/957	
L <sub>13</sub>	Coil, Oscillator, Range 1	10D/958	
L <sub>14</sub>	Coil, Oscillator, Range 2	10D/1639	
L <sub>15</sub>	Coil, Oscillator, Range 3	10D/1640	
L <sub>16</sub>	Coil, Oscillator, Range 4	10D/1641	
L <sub>17</sub>	Coil, Oscillator, Range 5	10D/1642	

OTHER COMPONENTS—Contd.

Circuit Ref.	Nomenclature	Stores Ref. No.	Remarks
L <sub>18</sub>	Coil, Oscillator Choke, Ranges 1 and 2	10D/1645	
L <sub>19</sub>	Transformer, Type 130	10K/12136	1st I.F.
L <sub>20</sub>	Transformer, Type 366	10K/251	2nd I.F.
L <sub>21</sub>	Transformer, Type 131	10K/12137	3rd I.F.
L <sub>22</sub>	Inductance, Type 507	10C/5920	
L <sub>23</sub>	Transformer, Type 132	10K/12138	
L <sub>24</sub>	Choke, H.F., Type 71	10C/583	
L <sub>25</sub>	Choke, H.F., Type 94	10C/2186	
L <sub>26</sub>	Choke, H.F., Type 83	10C/2019	
L <sub>27</sub>	Choke, H.F., Type 83	10C/2019	
L <sub>28</sub>	Choke, H.F., Type 83	10C/2019	
L <sub>29</sub>	Choke, A.F.	—	
L <sub>30</sub>	Transformer, Type 133	10K/12139	
L <sub>31</sub>	Filter Unit, Type 46	10P/13007	Unit includes C <sub>111</sub>
L <sub>32</sub>	Inductance, Type 394	10C/4839	Part of Filter Unit, Type 45
L <sub>33</sub>	Inductance, Type 393	10C/4838	Part of Filter Unit, Type 71
L <sub>40</sub>	Coil, Aerial, Range 2A	10D/2031	R.1155L and N
L <sub>41</sub>	Coil, Anode, Range 2A	10D/2032	R.1155L and N
L <sub>42</sub>	Coil, Oscillator, Range 2A	10D/2033	R.1155L and N
FILTER UNITS			
HFC <sub>1</sub>	} Filter Unit, Type 66	10P/13046	
HFC <sub>2</sub>			
HFC <sub>3</sub>			
HFC <sub>4</sub>			
HFC <sub>5</sub>	Filter Unit, Type 65	10P/13045	
HFC <sub>6</sub>	Filter Unit, Type 67	10P/13047	
L <sub>32</sub> , C <sub>114</sub>	Filter Unit, Type 45	10P/13006	Anode rejector
L <sub>31</sub> , C <sub>111</sub>	Filter Unit, Type 46	10P/13007	Anode acceptor
L <sub>33</sub> , C <sub>113</sub>	Filter Unit, Type 76	10P/13058	Grid rejector
SWITCHES			
FS wf, FS wr	Switch, Type 370	10F/156	Aerial wafer
FS xf, FS xr	Switch, Type 371	10F/157	Loop aerial
FS yf, FS yr	Switch, Type 369	10F/155	Anode wafer
FS zf, FS zr	Switch, Type 368	10F/154	Oscillator wafer
M.S.	Switch, Type 234	10F/158	Master switch
S <sub>1</sub> , S <sub>4</sub> , S <sub>5</sub>	Switch, Type 152	10F/10338	
S <sub>2</sub>	Switch, Type 235	10F/159	Meter deflection
S <sub>3</sub>	Switch, Type 239	10F/163	Aural sense