

ECH 21

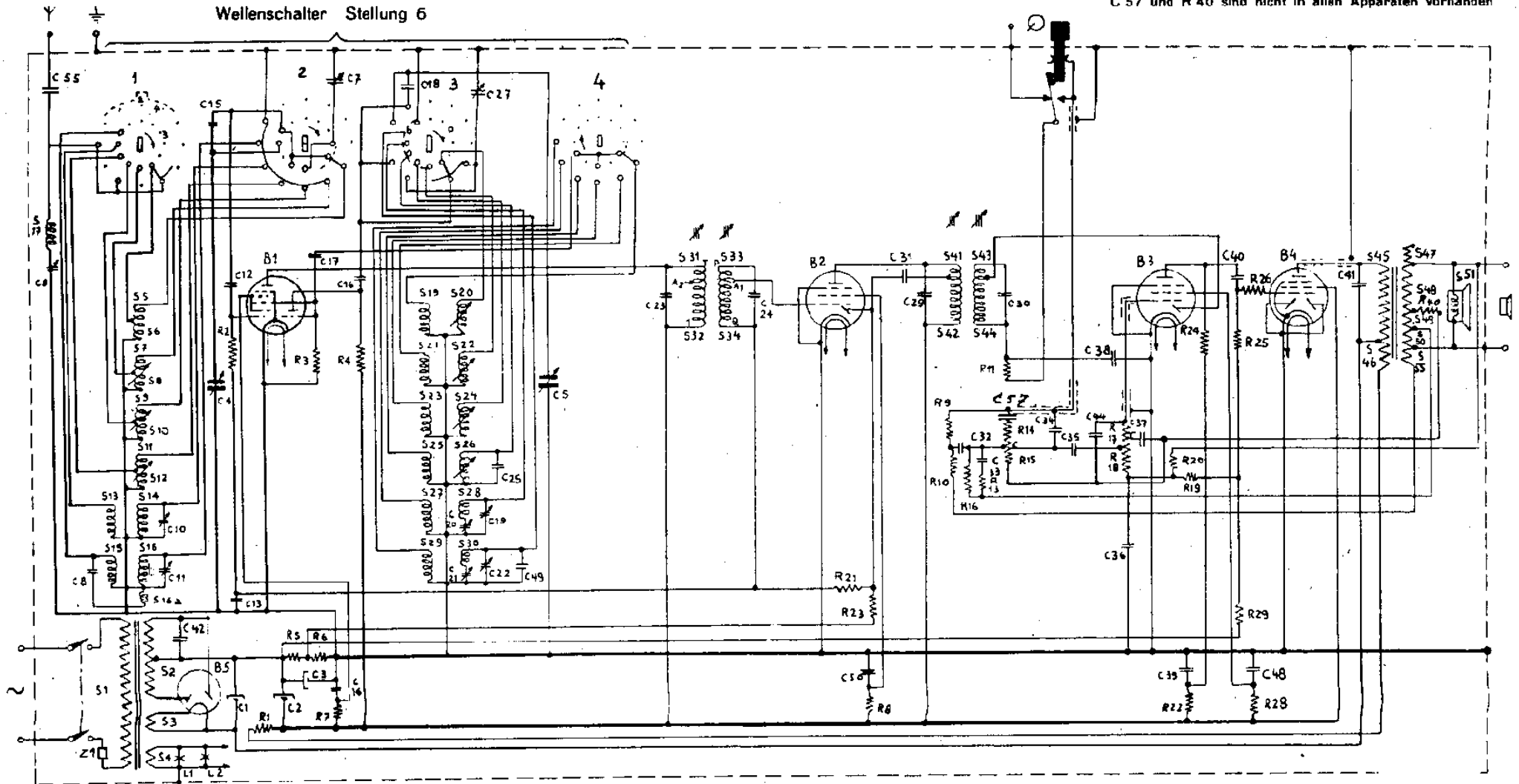
EAF 41

EAF 41

EBL 21

C 57 und R 40 sind nicht in allen Apparaten vorhanden

Wellenschalter Stellung 6



Bereiche KW 6. 5. 4. 3. MW. LW

B1

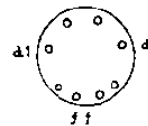
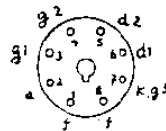
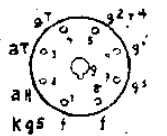
AZ1

B2 + B3

B4

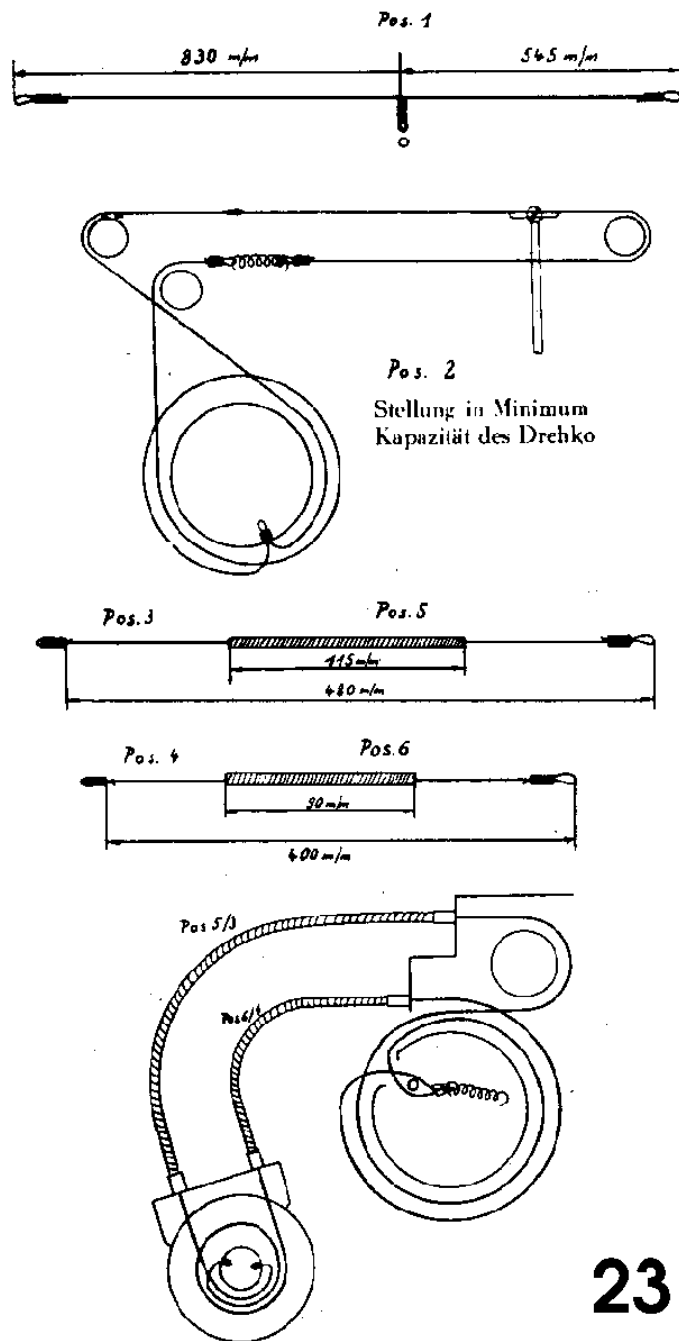
B5

ZF = 452 kHz



231

Mediator



231

| SPULEN | | | WIDERSTÄNDE | | | KONDENSATOREN | | |
|--------|---------------|------------|-------------|-----------------|--------------------|-----------------|------|---------------------------------------|
| Nr. | Wert | Kode-Nr. | Nr. | Wert | Wert | Kode-Nr. | Nr. | Kapazität max. Betriebsspannung |
| S 1 | 45 Ω | | R 1 | 1200 Ω | J | 48.468.10/1 K2 | C 1 | 50 μ F Elko 355 V 48.317.09 |
| S 2 | 330 Ω | J K 051.72 | R 2 | 0,82 M Ω | 1/4 | 48.425.10/820 K | C 2 | 50 μ F Elko 12,5 V 28.185.68 |
| S 3 | 0,1 Ω | | R 3 | 47000 Ω | 1/4 | 48.425.10/47 K | C 3 | 100 μ F Drehko A 9.863.18 |
| S 4 | 0,1 Ω | | R 4 | 22000 Ω | 1 | 48.427.10/22 K | C 4 | 12.492 pF Ker. 11 pF 48.406.99/15 E |
| S 5 | 0,16 Ω | A 3.110.77 | R 5 | 82 Ω | 1/4 | 48.426.05/82 E | C 5 | 12.492 pF Luftrimmer 28.212.36 |
| S 6 | 0,16 Ω | | R 6 | 33 Ω | 1/4 | 48.425.10/33 E | C 7 | 30 pF Luftrimmer 28.212.36 |
| S 7 | 0,18 Ω | A 3.110.78 | R 7 | 23500 Ω | 2 x 47000 Ω | | C 8 | 15 pF Ker. 11 pF 48.406.99/15 E |
| S 8 | 0,18 Ω | | | | 1 | 48.427.10/47 K | C 9 | 30 pF Luftrimmer 28.212.36 |
| S 9 | 0,38 Ω | A 3.110.79 | R 8 | 0,1 M Ω | 1 | 48.427.10/100 K | C 10 | 30 pF Luftrimmer 28.212.36 |
| S 10 | 0,38 Ω | | R 9 | 0,47 M Ω | 1/4 | 48.425.10/470 K | C 11 | 30 pF Luftrimmer 28.212.36 |
| S 11 | 0,75 Ω | A 3.110.80 | R 10 | 18000 Ω | 1/4 | 48.425.10/18 K | C 12 | 220 pF 20 % 48.406.20/220 E |
| S 12 | 0,75 Ω | | R 11 | 47000 Ω | 1/4 | 48.425.10/47 K | C 13 | 47000 pF 125 V 20 % 48.750.20/47 K |
| S 13 | 110 Ω | | R 12 | 22000 Ω | 1/4 | 48.425.10/22 K | C 14 | 47000 pF 400 V 20 % 48.751.20/47 K |
| S 14 | 5 Ω | A 3.122.20 | R 13 | 0,65 M Ω | | Pot. 49.500.33 | C 15 | 115 pF 1 % 48.406.01/115 E |
| S 15 | 200 Ω | | R 14 | 2 M Ω | | Pot. 49.475.14 | C 16 | 470 pF 20 % 48.411.20/470 E |
| S 16 | 45 Ω | | R 15 | 2 M Ω | | Pot. 49.500.33 | C 17 | 56 pF 10 % 48.406.10/56 E |
| S 16 a | 0,5 Ω | | R 16 | 0,22 M Ω | 1/4 | 48.425.10/220 K | C 18 | 115 pF ± 1 pF 48.429.99/115 E |
| S 19 | 0,6 Ω | A 3.110.81 | R 17 | 0,2 M Ω | | Pot. 49.475.14 | C 19 | 30 pF Luftrimmer 28.212.36 |
| S 20 | 0,2 Ω | | R 18 | 2 M Ω | | Pot. 49.475.14 | C 20 | 350-575 pF Luftrimmer 49.005.46 |
| S 21 | 0,65 Ω | A 3.110.82 | R 19 | 0,82 M Ω | 1/4 | 48.425.10/820 K | C 21 | 200 pF Luftrimmer 28.212.36 |
| S 22 | 0,22 Ω | | R 20 | 0,39 M Ω | 1/4 | 48.425.10/390 K | C 22 | 30 pF Luftrimmer 28.212.36 |
| S 23 | 0,7 Ω | A 3.110.83 | R 21 | 1,5 M Ω | 1/4 | 48.426.10/1 M5 | C 25 | 4,7 pF ± 1 pF 48.406.99/4 E7 |
| S 24 | 0,55 Ω | | R 22 | 0,1 M Ω | 1/4 | 48.425.10/100 K | C 27 | 30 pF Luftrimmer 28.212.36 |
| S 25 | 0,75 Ω | A 3.110.84 | R 23 | 1,5 M Ω | 1/4 | 48.426.10/1 M5 | C 31 | 18 pF Ker. 10 % 48.406.10/18 E |
| S 26 | 0,75 Ω | | R 24 | 0,1 M Ω | 1/4 | 48.426.10/100 K | C 32 | 3300 pF 400 V 10 % 48.751.10/3 K3 |
| S 27 | 2,2 Ω | A 3.122.21 | R 25 | 0,56 M Ω | 1/4 | 48.425.10/560 K | C 33 | 15000 pF 125 V 10 % 48.750.10/15 K |
| S 28 | 6,5 Ω | | R 26 | 1000 Ω | 1/4 | 48.425.10/1 K | C 34 | 3,9 pF Ker. ± 1 pF 48.406.99/3 E9 |
| S 29 | 4,6 Ω | | R 28 | 0,68 M Ω | 1/4 | 48.426.10/680 K | C 35 | 4700 pF 400 V 10 % 48.751.10/4 K7 |
| S 30 | 19 Ω | | R 29 | 0,15 M Ω | 1/4 | 48.425.10/150 K | C 36 | 56000 pF 125 V 20 % 48.750.20/56 K |
| S 31 | 2,5 Ω | A 3.121.94 | R 40 | 1000 Ω | 1/4 | 48.425.10/1 K | C 37 | 330 pF Ker. 10 % 48.406.10/330 E |
| S 32 | 4,5 Ω | | | | | | C 38 | 47 pF Ker. 10 % 48.406.10/47 E |
| S 33 | 2,5 Ω | | | | | | C 39 | 0,1 μ F 400 V 20 % 48.751.20/10 K |
| S 34 | 4,5 Ω | | | | | | C 40 | 10000 pF 400 V 20 % 48.751.20/10 K |
| C 23 | 115 pF | A 3.121.94 | | | | | C 41 | 2200 pF 800 V 20 % 48.757.20/2 K2 |
| C 24 | 115 pF | | | | | | C 42 | 22000 pF Spezial 48.756.20/22 K |
| S 41 | 2,5 Ω | A 3.121.94 | | | | | C 44 | 10 pF Ker. 10 % 48.406.99/10 E |
| S 42 | 4,5 Ω | | | | | | C 48 | 47000 pF 400 V 20 % 48.751.20/47 K |
| S 43 | 2,5 Ω | | | | | | C 49 | 22 pF Ker. 20 % 48.406.20/22 E |
| S 44 | 4,5 Ω | | | | | | C 50 | 47000 pF 400 V 20 % 48.751.20/47 K |
| C 29 | 115 pF | A 3.151.47 | | | | | C 55 | 2200 pF 20 % 48.757.20/2 K2 |
| C 30 | 115 pF | | | | | | C 57 | 10000 pF 400 V 20 % 48.751.20/10 K |
| S 45 | 750 Ω | | | | | | | |
| S 46 | 15 Ω | | | | | | | |
| S 47 | 0,05 Ω | | | | | | | |
| S 48 | 0,6 Ω | | | | | | | |
| S 49 | 0,05 Ω | | | | | | | |
| S 50 | 0,05 Ω | | | | | | | |
| S 55 | 0,05 Ω | | | | | | | |
| S 17 | 38 Ω | A 3.110.60 | | | | | | |
| S 51 | 4 Ω | 28.220.51 | | | | | | |

Ströme und Spannungen

| Röhrentype | | U_a | $U_{g2(4)}$ | I_a | $I_{g2(4)}$ | I_k |
|--------------|----------------|-------|-------------|-------|-------------|-------|
| ECH 21 (B 1) | Heptode Triode | 207 | 85 | 4 | 5,5 | 15 |
| EAF 41 (B 2) | ZF | 207 | 85 | 4 | 1,3 | 5,3 |
| EAF 41 (B 3) | NF | 40 | 39 | 0,84 | 0,75 | 1,6 |
| EBL 21 (B 4) | | 217 | 206 | 28 | 3 | 31 |
| | | Volt | Volt | mA | mA | mA |

$U_{c1} = 240$ V $U_{c2} = 207$ V $U_{R1} = 1,1$ V $U_{R4} = 1,1$ V $R1 = 25$ mA $I_{tot} = 50$ mA
Leistungsaufnahme 40 Watt

Bei einem Teil der Fabrikation fehlen R 40 und C 57