

ECH 21

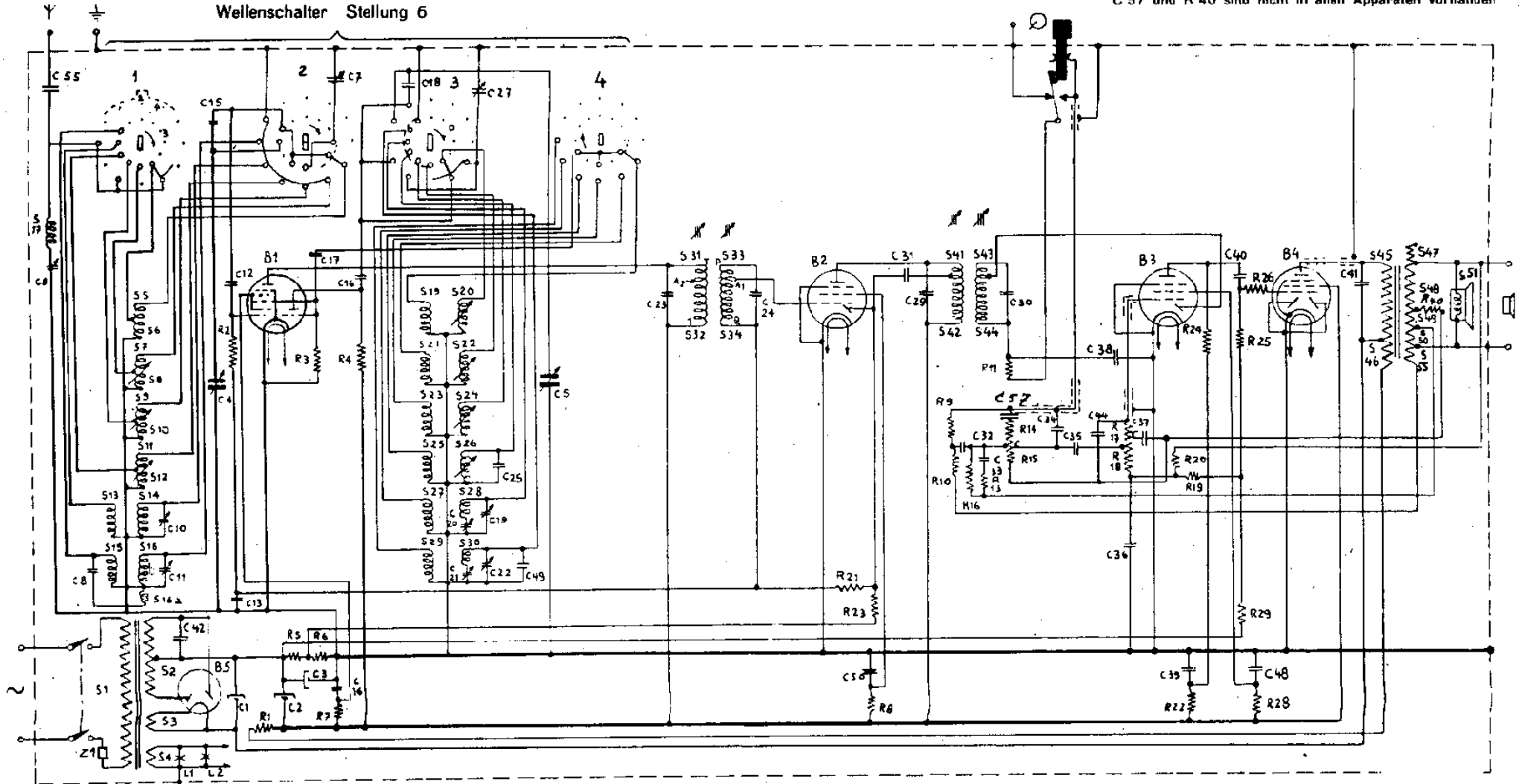
EAF 41

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

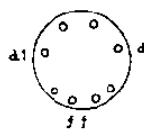
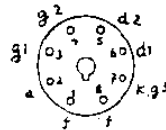
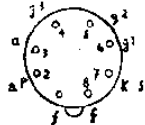
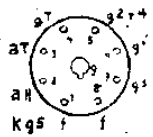
AZ1

B2 + B3

B4

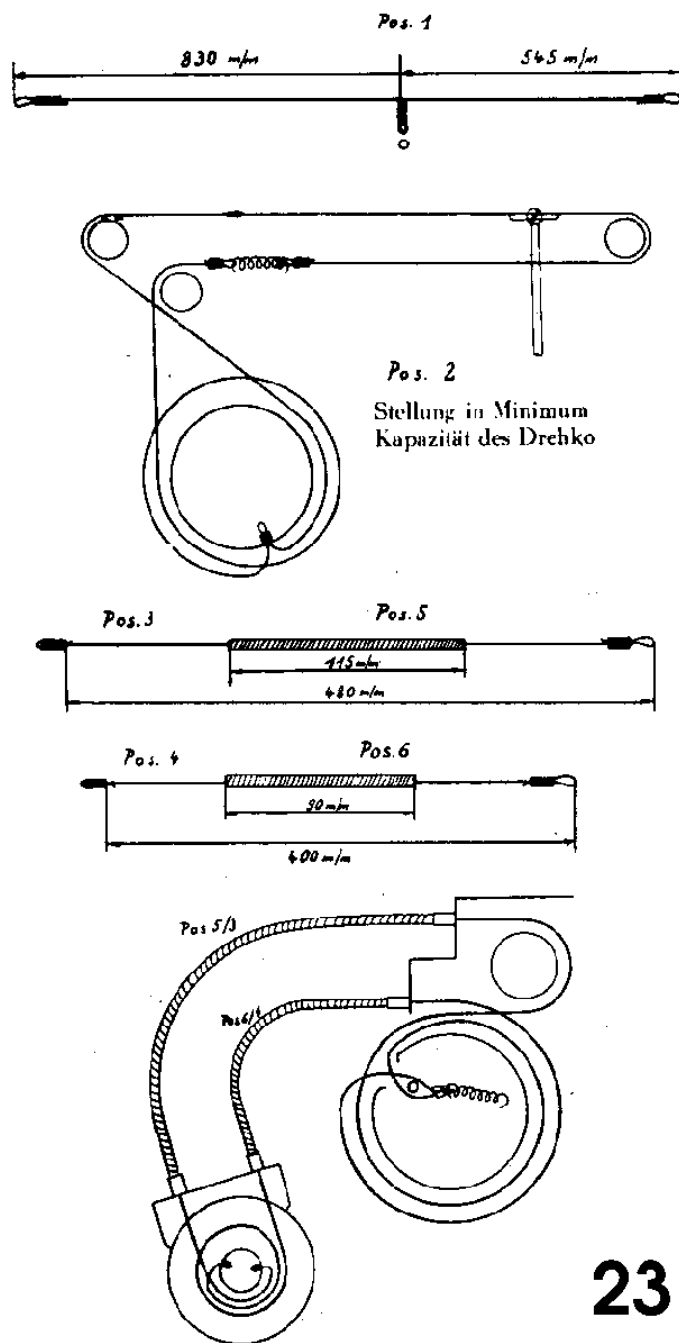
B5

ZF = 452 kHz



231

Mediator



231

SPULEN			WIDERSTÄNDE				KONDENSATOREN			
Nr.	Wert	Kode-Nr.	Nr.	Wert	Wert	Kode-Nr.	Nr.	Kapazität	Toleranz	Kode-Nr.
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	JK 051.72	R 2	0,82 M Ω	$\frac{1}{4}$	48.425.10/820 K	C 2	50 μ F		
S 3	0,1 Ω		R 3	47000 Ω	$\frac{1}{4}$	48.425.10/47 K	C 3	100 μ F	Elko 12,5 V	28.185.68
S 4	0,1 Ω		R 4	22000 Ω	1	48.427.10/22 K	C 4	12.492 pF	Drehko	A 9.863.18
S 5	0,16 Ω		R 5	82 Ω	$\frac{1}{4}$	48.426.05/82 E	C 5	12.492 pF		
S 6	0,16 Ω	A 3.110.77	R 6	33 Ω	$\frac{1}{4}$	48.425.10/33 E	C 7	30 pF	Luftkond.	28.212.36
S 7	0,18 Ω		R 7	23500 Ω	2 x 47000 Ω		C 8	15 pF	Ker. 1 pF	48.406.99/15 E
S 8	0,18 Ω	A 3.110.78			1	48.427.10/47 K	C 9	30 pF	Luftkond.	28.212.36
S 9	0,38 Ω		R 8	0,1 M Ω	1	48.427.10/100 K	C 10	30 pF	Luftkond.	28.212.36
S 10	0,38 Ω	A 3.110.79	R 9	0,47 M Ω	$\frac{1}{4}$	48.425.10/470 K	C 11	30 pF	Luftkond.	28.212.36
S 11	0,75 Ω		R 10	18000 Ω	$\frac{1}{4}$	48.425.10/18 K	C 12	220 pF	20 %	48.406.20/220 E
S 12	0,75 Ω	A 3.110.80	R 11	47000 Ω	$\frac{1}{4}$	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	$\frac{1}{4}$	48.425.10/22 K	C 14	47000 pF	400 V 20 %	48.751.20/47 K
S 14	5 Ω		R 13	0,65 M Ω		Pot. 49.500.33	C 15	115 pF	1 %	48.406.01/115 E
S 15	200 Ω	A 3.122.20	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 16a	0,5 Ω		R 16	0,22 M Ω	$\frac{1}{4}$	48.425.10/220 K	C 18	115 pF	± 1 pF	48.429.99/115 E
S 19	0,6 Ω		R 17	0,2 M Ω		Pot. 49.475.14	C 19	30 pF	Luftkond.	28.212.36
S 20	0,2 Ω	A 3.110.81	R 18	2 M Ω		Pot. 49.475.14	C 20	350-575 pF	Luftkond.	49.005.46
S 21	0,65 Ω		R 19	0,82 M Ω	$\frac{1}{4}$	48.425.10/820 K	C 21	200 pF	Luftkond.	28.212.08
S 22	0,22 Ω	A 3.110.82	R 20	0,39 M Ω	$\frac{1}{4}$	48.425.10/390 K	C 22	30 pF	Luftkond.	28.212.36
S 23	0,7 Ω		R 21	1,5 M Ω	$\frac{1}{4}$	48.426.10/1 M5	C 25	4,7 pF	± 1 pF	48.406.99/4 E7
S 24	0,55 Ω	A 3.110.83	R 22	0,1 M Ω	$\frac{1}{4}$	48.425.10/100 K	C 27	30 pF	Luftkond.	28.212.36
S 25	0,75 Ω		R 23	1,5 M Ω	$\frac{1}{4}$	48.426.10/1 M5	C 31	18 pF	Ker. 10 %	48.406.10/18 E
S 26	0,75 Ω	A 3.110.84	R 24	0,1 M Ω	$\frac{1}{4}$	48.426.10/100 K	C 32	3300 pF	400 V 10 %	48.751.10/3 K3
S 27	2,2 Ω		R 25	0,56 M Ω	$\frac{1}{4}$	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	$\frac{1}{4}$	48.425.10/1 K	C 34	3,9 pF	Ker. ± 1 pF	48.406.99/3 E9
S 29	4,6 Ω	A 3.122.21	R 28	0,68 M Ω	$\frac{1}{4}$	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	$\frac{1}{4}$	48.425.10/150 K	C 36	56000 pF	125 V 20 %	48.750.20/56 K
S 31	2,5 Ω		R 40	1000 Ω	$\frac{1}{4}$	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 %	48.751.20/100 K
S 34	4,5 Ω	A 3.121.94					C 40	10000 pF	400 V 20 %	48.751.20/10 K
C 23	115 pF						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						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	A 3.121.94					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						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	A 3.151.47								
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

$U_{c1} = 240 V$ $U_{c2} = 207 V$ $U_{R1} = 1,5 V$ $U_{R4} = 1,5 V$ $R_1 = 25 M\Omega$ $I_{tot} = 50 mA$
Leistungsaufnahme 40 Watt

Bei einem Teil der Fabrikation fehlen R 40 und C 57