

no.	content	description	alignment / remarks	Factory "HOME"	GOOD AVERAGE	DG2IAQ actually Base	DG2IAQ actually Portable	CT2WG	DC0K 4H870xxx FT-817ND	DF2DD	DF2DD 10W mod	DG2IAQ 1E300163 Portable	DG2IAQ 2J360298 Base	DG4FBC	DJ8UA HD-Elekt.	DK3VZ 5/10W mod	DL5GBL 817-onair.de	DL7VDX 10W mod	K6XX AM mod	K7HI s/n 1K45	K7HI 10W mod	K7HI s/n ZL60	K7HI 10W mod	KE4IAP	OZ1FIT 10W mod	SGC SG-239
1	HF1RXG	RX GAIN 1.8MHz	The higher, the more sensitive the RX is	160	93	160	160	65	65	64		100	100	80		70	181	70	100	69	71		102	160		
2	HF2RXG	RX GAIN 7MHz		128	79	128	128	62	63	63		81	80	78		69	91	65	90	74	66		87	128		
3	HF3RXG	RX GAIN 21MHz		128	94	128	128	71	72	71		103	105	84		81	123	81	100	66	63		120	128		
4	50MRXG	RX GAIN 50MHz		128	73	128	128	63	62	64		67	66	62		67	66	72	75	76	72		74	128		
5	VHF1RXG	RX GAIN 144MHz		128	80	128	128	68	67	67		78	90	73		71	90	74	100	87	78		94	79		
6	UHF1RXG	RX GAIN 430MHz	The higher, the more shown level	128	94	128	128	63	64	67		117	117	71		93	117	99	110	155	77		82	128		
7	SSB-S9	SSB S-Meter S9		80	67	66	67	62	64	66		67	66	64		66	70	66	70	65	66		65	80		
8	SSB-F9	SSB S-Meter Vollauschlag		49	57	59	57	56	57	57		59	58	57		58	59	58	59	60	58		58	49		
9	FM-S1	FM S-Meter S1		48	74	75	75	75	71	74		80	77	69		77	76	77	76	78	79		84	48		
10	FM-FS	FM S-Meter Vollauschlag		100	111	111	111	109	106	111		130	113	102		113	109	111	109	113	113		116	100		
11	DISC-L	FM Center Meter (untere Grenze, -3kHz)	Press "A" at test signal given "3kHz" and "+3kHz"	0	34	35	35	36	34	38		35	35	36		40	35	37	35	36	36		35	0		
12	DISC-H	FM Center Meter (obere Grenze, +3kHz)		255	82	69	69	71	67	71		65	69	68		71	69	70	69	69	72		68	255		
13	FM-T11	FM Squelch		50	72	70	66	76	76	76		72	75	75		72	82	78	50	77	76		79	50		
14	FM-T12	FM Squelch		64	76	72	66	77	76	76		73	75	75		72	82	78	82	77	74		80	64		
15	FM-T11	FM Squelch		on RX signal of 3 dBu	12	5	4	12	2	2	2		7	3	2	2	3	14	3	14	4	1		2	12	
16	FM-T12	FM Squelch	(light = Engle)	16	6	4	16	2	2	2		8	3	2		3	14	3	14	4	1		3	16		
17	VCC	Power Supply Voltage	at Ub=13.8V	138	136	138	138	138	138	138		138	138	138	138	138	138	138	138	122	123		138	138		
18	HF1-IC	Over-current Protection 1.8MHz	the lower, the more sensitive the protection is	130	108	100	130	95	92	99	135	126	103	89	103	135	111	103	135	112	122	79	89	80	130	
19	HF2-IC	Over-current Protection 7MHz		130	108	100	130	94	91	98	135	126	103	88	103	135	116	102	140	112	121	79	86	83	130	
20	HF3-IC	Over-current Protection 21MHz		130	110	100	130	98	95	102	135	129	106	92	106	135	111	106	140	114	123	82	86	83	130	
21	50M-IC	Over-current Protection 50MHz		130	103	100	130	95	90	98	137	103	90	103	92	113	103	113	113	112	130	80	89	82	130	
22	VHF-IC	Over-current Protection 144MHz		130	105	105	130	96	92	100		127	105	90	105	93	126	103	126	112	80			83	130	
23	UHF-IC	Over-current Protection 430MHz	5.0W (10.0W) 2.5W (5.0W) 1.0W (2.5W) 0.3W (1.0W)	130	105	105	130	99	95	102		131	106	93	106	95	113	106	113	115	83			84	130	
24	HF1-HI	RF Power HI 1.8MHz		200	124	100	200	101	106	98	132	101	100	99	100	150	116	101	160	99	150	100	205	117	200	
25	HF1-L3	RF Power L3 1.8MHz		133	77	55	133	59	64	58	100	67	77	57	58	95	67	59	90	59	108	58	109	62	133	
26	HF1-L2	RF Power L2 1.8MHz		40	35	20	40	22	22	22		60	20	23	21	20	21	21	32	21	61	22	58	119	40	
27	HF1-L1	RF Power L1 1.8MHz		18	8	0	18	4	5	4		7	9	10	5	3	1	4	4	10	4	26	4	22	2	18
28	HF2-HI	RF Power HI 7MHz	5.0W (10.0W) 2.5W (5.0W) 1.0W (2.5W) 0.3W (1.0W)	200	128	95	200	105	111	101	132	103	95	102	105	160	119	105	190	104	173	105	180	119	200	
29	HF2-L3	RF Power L3 7MHz		133	76	53	133	59	64	58	102	57	70	57	60	95	65	60	105	60	106	58	100	63	133	
30	HF2-L2	RF Power L2 7MHz		40	30	19	40	22	22	21	59	20	19	20	21	21	21	22	50	21	60	21	58	20	40	
31	HF2-L1	RF Power L1 7MHz		18	7	0	18	4	5	4		6	3	0	3	1	3	4	10	4	24	4	21	2	18	
32	HF3-HI	RF Power HI 21MHz		200	127	95	200	102	107	98	132	103	95	101	99	170	117	101	190	99	158	100	190	116	200	
33	HF3-L3	RF Power L3 21MHz	2.5W (5.0W) 1.0W (2.5W) 0.3W (1.0W)	133	75	52	133	58	63	57	104	58	55	58	60	100	63	58	100	57	106	57	100	60	133	
34	HF3-L2	RF Power L2 21MHz		40	29	19	40	21	21	21	58	20	19	20	20	25	20	21	45	20	60	20	57	18	40	
35	HF3-L1	RF Power L1 21MHz		18	7	0	18	4	4	4		8	9	4	4	2	4	4	10	4	25	4	20	1	18	
36	50M-HI	RF Power HI 50MHz		200	121	95	200	99	104	96	104	92	102	92	97	115	99	150	96	200	97	190	118	200		
37	50M-L3	RF Power L3 50MHz		133	69	53	133	56	61	53	58	55	58	61	54	64	56	80	52	102	55	104	66	133		
38	50M-L2	RF Power L2 50MHz	1.0W (2.5W) 0.3W (1.0W) 5.0W (10.0W)	40	26	19	40	20	20	20	21	18	21	18	19	23	19	23	19	63	19	55	19	40		
39	50M-L1	RF Power L1 50MHz		18	8	0	18	7	7	7		7	1	7	1	7	5	7	26	6	19	2	18			
40	VHF-HI	RF Power HI 144MHz		200	99	95	100	95	90	86	88	100	91	90	78	140	79	100	100	76	83			95	200	
41	VHF-L3	RF Power L3 144MHz		133	69	52	60	53	50	50	51	59	51	52	44	93	44	66	46	42	46	46	52	133		
42	VHF-L2	RF Power L2 144MHz		40	19	19	20	17	17	16	17	23	18	16	13	28	14	20	13	20	14	20	18	40		
43	VHF-L1	RF Power L1 144MHz	0.3W (1.0W) 5.0W (10.0W)	18	5	0	18	3	5	3	5	3	3	12	3	5	3	5	3	5	3	0	18			
44	UHF-HI	RF Power HI 430MHz		200	106	110	110	101	100	95	98	113	97	94	96	103	98	103	97	97	94		108	200		
45	UHF-L3	RF Power L3 430MHz		133	64	66	65	60	58	57	56	63	57	55	56	68	57	68	57	57	55		58	133		
46	UHF-L2	RF Power L2 430MHz		40	24	30	25	25	24	23	21	22	29	22	19	23	21	22	21	23	23	22	20		40	
47	UHF-L1	RF Power L1 430MHz		18	7	0	7	6	6	6	6	0	6	6	6	9	6	9	6	6	6	4	18			
48	HF1TXG	TX Gain 1.8MHz	the higher, the higher the TX amplification of driver is (alignment that 5 W FM come out for sure)	128	78	128	128	58	64	91	90	73	76	61	65	90	67	76	100	77	64		63	128		
49	HF2TXG	TX Gain 7MHz		128	72	128	128	55	58	66	90	65	65	57	65	90	62	65	100	64	61		59	128		
50	HF3TXG	TX Gain 21MHz		128	78	128	128	59	61	93	90	72	79	60	65	90	67	79	100	73	64		60	128		
51	50MTXG	TX Gain 50MHz		128	97	128	128	68	73	250	88	95	68	65	94	89	95	90	108	83	70		70	128		
52	VHF1TXG	TX Gain 144MHz		128	86	128	128	60	63	133	88	95	71	65	92	79	95	95	95	98	71		72	128		
53	UHF1TXG	TX Gain 430MHz	the lower, the higher modulation																							

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