YAESU FT-847 Alignment menu

Menu	Remarks	Home	DG2IAQ modified	DG2IAQ	G3NFP	MW0SSB
FM-S1	- 6dBµ, the lower HEX, the more meter readout	10	35	58	58	58
FM-FULL	+ 20 dBµ, the lower HEX, the more meter readout	80	80	89	8A	89
RX-GAIN 3.505 (160m - 30m)	+ 3 dBµ, the higher HEX, the more gain and sensitivity	80	80	75	57	75
RX-GAIN 14.005 (20m - 15m)	0 dBµ, the higher HEX, the more gain and sensitivity	80	80	93		
RX-GAIN 28.995 (12m - 10m)	0 dBµ, the higher HEX, the more gain and sensitivity	80	80	A2		
RX-GAIN 51.995 (6m)	- 3 dBµ, the higher HEX, the more gain and sensitivity	80	80	6B		
RX-GAIN 145.995 (VHF)	- 6 dBµ, the higher HEX, the more gain and sensitivity	80	80	43		
RX-GAIN 439.995 (UHF)	- 6 dBµ, the higher HEX, the more gain and sensitivity	80	80	47		
SQL-TH-L/-H	No RF, Squelch Threshold	3A/40	3A/40	65/6A	5E	5A
SQL-TI-L/-H	0 dBµ, Squelch Tight	0d/10	0d/10	03/09		
DISC-L	- 3 kHz RF reference signal	60	24	24	24	24
DISC-H	+ 3 kHz RF reference signal	A0	30	30	30	30
SSB-S1	no RF input, RF on 2 o'clock	80	dd	dd	F6	dd
SSB-S9	+ 25 dBµ	40	75	5E	60	5E
SSB-FULL	+85 dBµ	10	50	26	26	26
SFT-CTR	Put passbandtuning knob to middle first.	80	7d	7F	7d	7F
RXC-PNT	Same tone behaviour while changing USB/LSB	00	00	00	00	00
TXC-USB	Minimum variation on LOW/HIGH af tones on	00	FC	FE	FF	FE
TXC-LSB	external wattmeter (menu #92 + #93 = 0 !!!)	00	F7	FA	FD	FA
PWR-100W 3.505 (160m - 30m)	Press 1x PTT + 1x SUB-TUNE to see the actual values	74	74	91	96	91
PWR-50W		55	55	62	68	62
PWR-20W		37	37	3E	40	3E
PWR-10W		26	26	2B	2D	2B
PWR-100W 14.005 (20m - 15m)	Press 1x PTT + 1x SUB-TUNE to see the actual values	74	74	74		
PWR-50W		55	55	55		
PWR-20W		37	37	37		
PWR-10W		26	26	26		
PWR-100W 28.995 (12m - 10m)	Press 1x PTT + 1x SUB-TUNE to see the actual values	74	74	74		
PWR-50W		55	55	55		
PWR-20W		37	37	37		
PWR-10W		26	26	26		
PWR-100W 51.995 (6m)	Press 1x PTT + 1x SUB-TUNE to see the actual values	82	82	82		
PWR-50W		59	59	59		
PWR-20W		36	36	36		
PWR-10W		27	27	27		
PWR-100W 145.995 (VHF)	Press 1x PTT + 1x SUB-TUNE to see the actual values	FF	FF	FF		
PWR-50W		96	96	84		
PWR-20W		5E	5E	53		
PWR-10W		43	43	3A		
PWR-100W 439.995 (UHF)	Press 1x PTT + 1x SUB-TUNE to see the actual values	FF	FF	FF		
PWR-50W		96	96	96		
PWR-20W		5E	5E	5E		
PWR-10W		43	43	43		
ALC-1	No Mic Input + 4 digits	02	02	06	06	06
ALC-9	Mic Input 10mV	28	28	2F	2B	2F
TX-GAIN	At minimum "8F"	80	8F	AF	8F	90
TX-GAIN	At minimum "8F"	80	8F	A8		
TX-GAIN	At minimum "8F"	80	8F	A8		
TX-GAIN	At minimum "8F"	80	8F	8F		
TX-GAIN	At minimum "8F"	80	8F	8F		
TX-GAIN	At minimum "8F"	80	8F	64		
SWR 1.5	The lower HEX, the sooner protection	40	12	12	1E	12
SWR 3.0	The lower HEX, the sooner protection	80	3E	3E	6E	3E
ALL-CLR		00	00	00	00	00
DSP-PASS		00	00	00	00	00

Mike: **UP+DOWN+FAST + turn radio on -->** enter the Alignment Menu

Sub-Tune: step through each setting
MCK/W: stores value = "taking the measurement" of input signals from signalgenerators
MEM/VFO: change value manually +/-
MENU: stores all changed values and exit   *Be careful !! Power off to cancel potential mistakes surely.*
POWER OFF: cancel changes and exit

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