

Open-sleeve principles	VHF-Duoband principles	Duoband-Yagi 6m/10m	10m-Dipole+ 3-El.- 6 m	Triband-Yagi 6m/4m/2m	Duoband-Dipol 2m/70cm	2m/70cm 2+2/3 El.	2m/70cm 4+5 El.	2m/70cm 5+8 E
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Yagi with 5 Elements on 2 m, 8 Elements on 70cm and one Feedpoint

Version 1: Ultralight with 3,2-mm-Elements

Version 2: With 8- and 10-mm-Elements (see down), built by SQ9VPA



The Yagi is optimized for the CW/SSB-parts of the bands, but usable for the full bands.

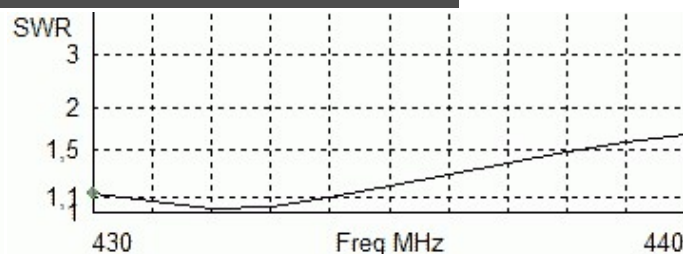
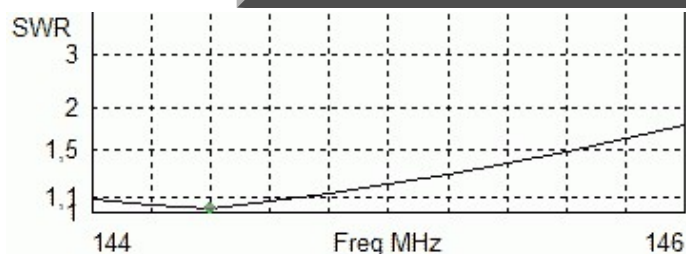
For the complete 2m-data see the [5-Element-ultralight-Yagi](#)



And here for the real hard boiled OMs:

Winter-QRP-Contest from JN99CL, tnx to Petr, OK2AIA

Band	Gain	F/B	3dB-angle hor.	3dB-angle ver.
144,3 MHz	8,45dBd	24dB	51,0°	64,4°
432 MHz	8,86dBd	14dB	28,2°	54,2°

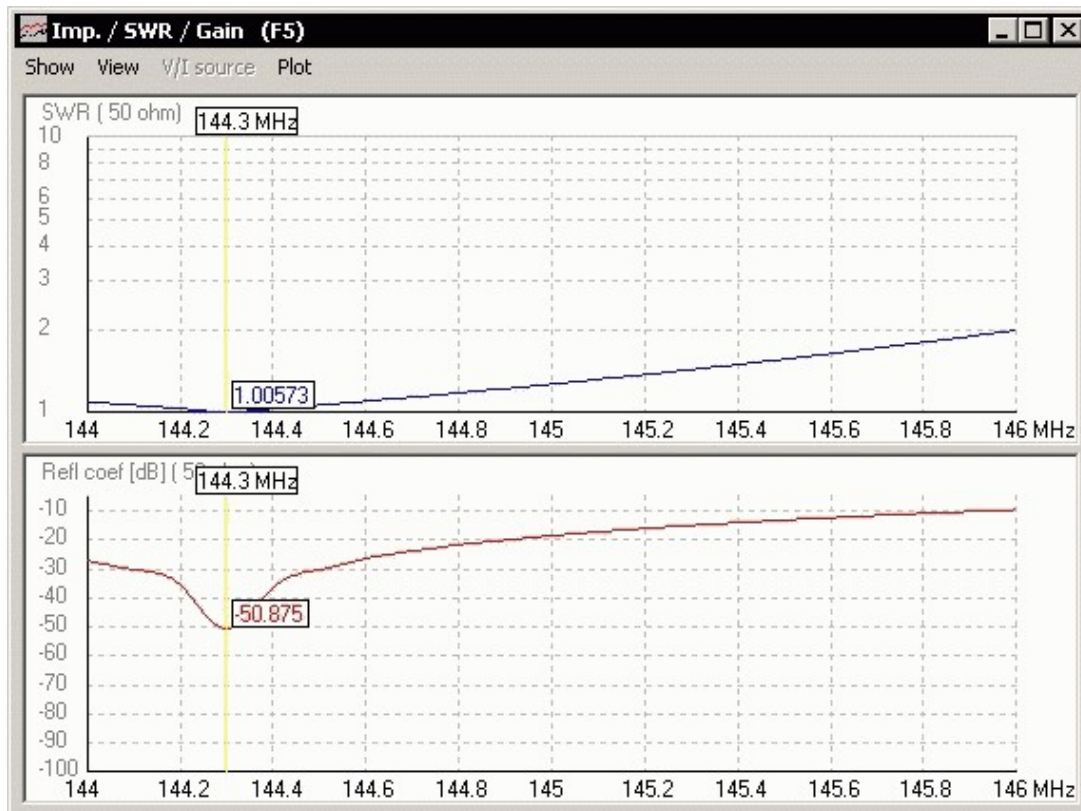


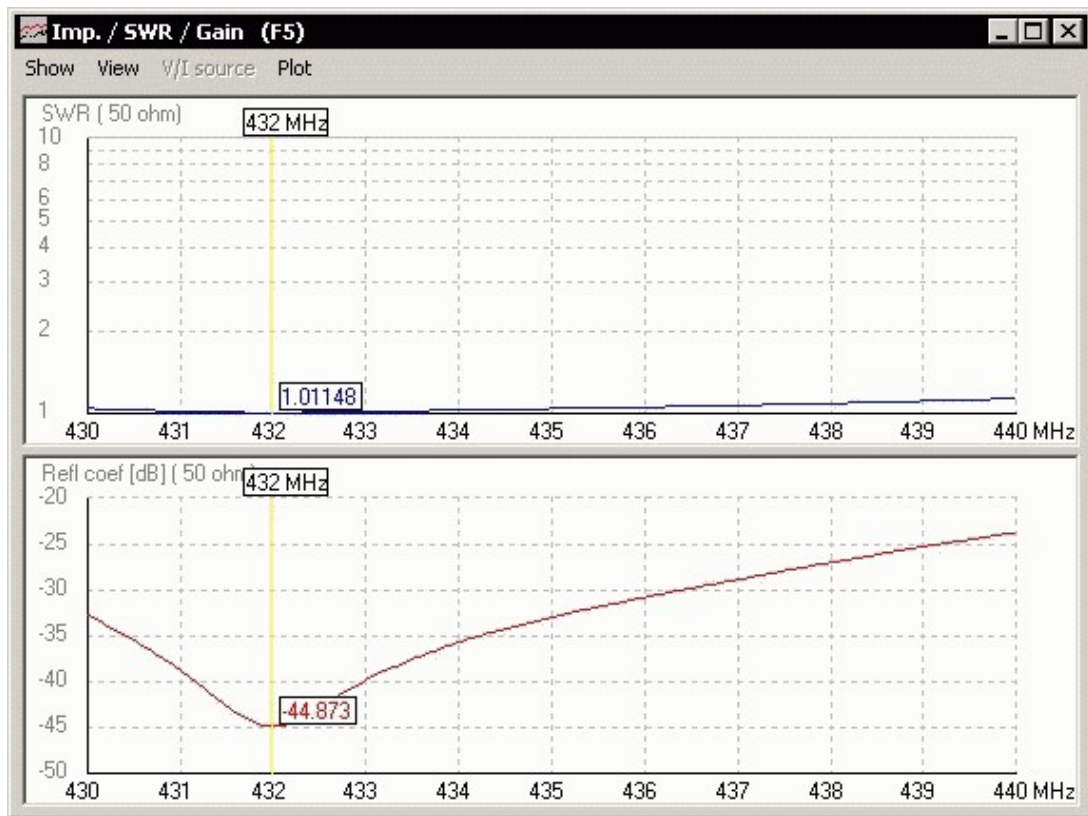
Element-Lengths and Positions, all Elements 3,2mm-Aluminium-Welding-Rods (exept Radiator) for the lightweight-Yagi. For the station at home Lucjan, SQ9VPA has redesigned the Yagi with 10-mm-elements.

El.-Nr.	Element	Length (3,2 mm)	Position
1	Reflector for 2m	1035 mm	0 mm
2	Reflector for 70cm	326 mm	160mm
3	Radiator 2m and 70cm	995 mm (4mm)	280 mm
4	Director 1 for 70cm	329 mm	304 mm
5	Director 2 for 70cm	320 mm	405 mm
6	Director 1 for 2m	954 mm	430 mm
7	Director 3 for 70cm	292 mm	550 mm
8	Director 4 for 70cm	280 mm	800 mm
9	Director 2 for 2m	944 mm	950 mm
10	Director 5 for 70cm	310 mm	980 mm
11	Director 6 for 70cm	284 mm	1160 mm
12	Director 7 for 70cm	299 mm	1450 mm
13	Director 3 for 2m	929 mm	1480 mm

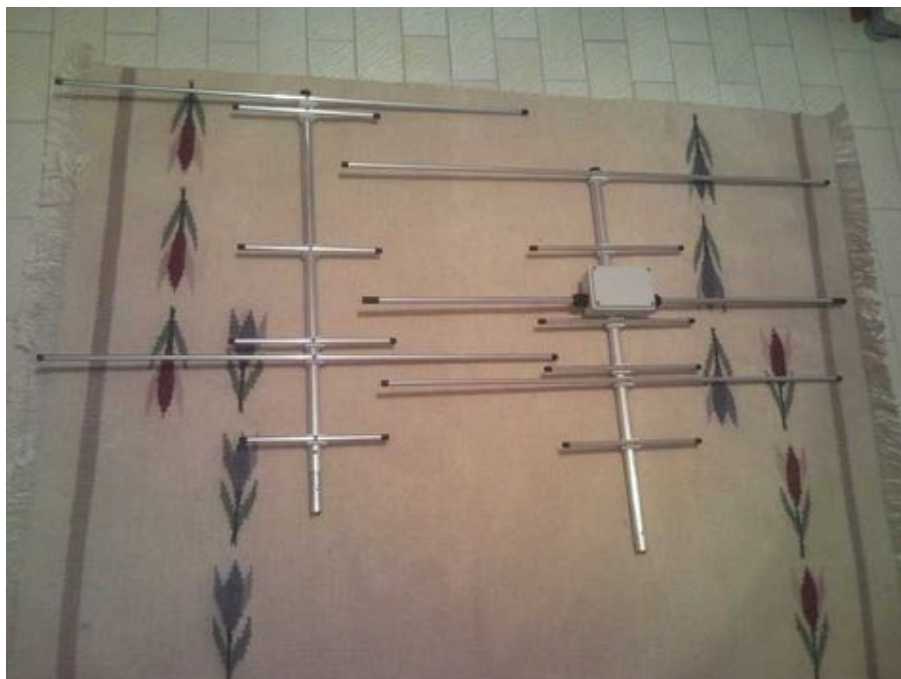
The 5/8-El.-Yagi with 8- and 10-mm-Elements (redesigned by SQ9VPA)

(see pictures below)





The 5-/8-Element-Duoband-Yagi as portabel version, built by **Gökhan**, 7



El.-Nr.	Element	Position	Length (8 mm)	Length (10 mm)
1	Reflector for 2m	0 mm	1034 mm	1032 mm
2	Reflector for 70cm	160mm	322 mm	319 mm
3	Radiator 2m and 70cm	280 mm	972 mm (12 mm)	972 mm (12 mm)
4	Director 1 for 70cm	312 mm	321 mm	318 mm
5	Director 2 for 70cm	405 mm	313 mm	311 mm
6	Director 1 for 2m	430 mm	934 mm	928 mm
7	Director 3 for 70cm	550 mm	278 mm	273 mm
8	Director 4 for 70cm	800 mm	262 mm	256 mm
9	Director 2 for 2m	950 mm	921 mm	915 mm
10	Director 5 for 70cm	980 mm	300 mm	297 mm
11	Director 6 for 70cm	1160 mm	268 mm	262 mm

12	Director 7 for 70cm	1450 mm	286 mm	282 mm
13	Director 3 for 2m	1480 mm	911 mm	904 mm