overview of 10 m QRSS setups tested by DL2WB

QRSS CW-FSK Beacon by Kanga Products
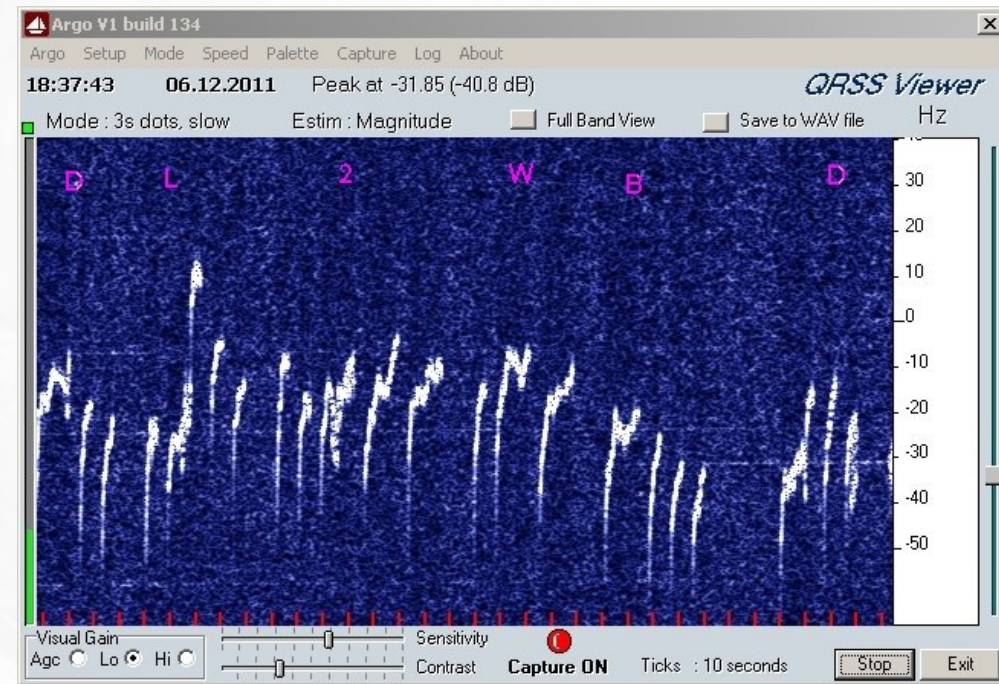
☞ ca. 30 mW output; XTAL-controlled, tied by tuning-cap

☺ low price, controller for PTT-key already programmed

☹ frequency stability not acceptable (10 m version only)
no longer available as 10 m version
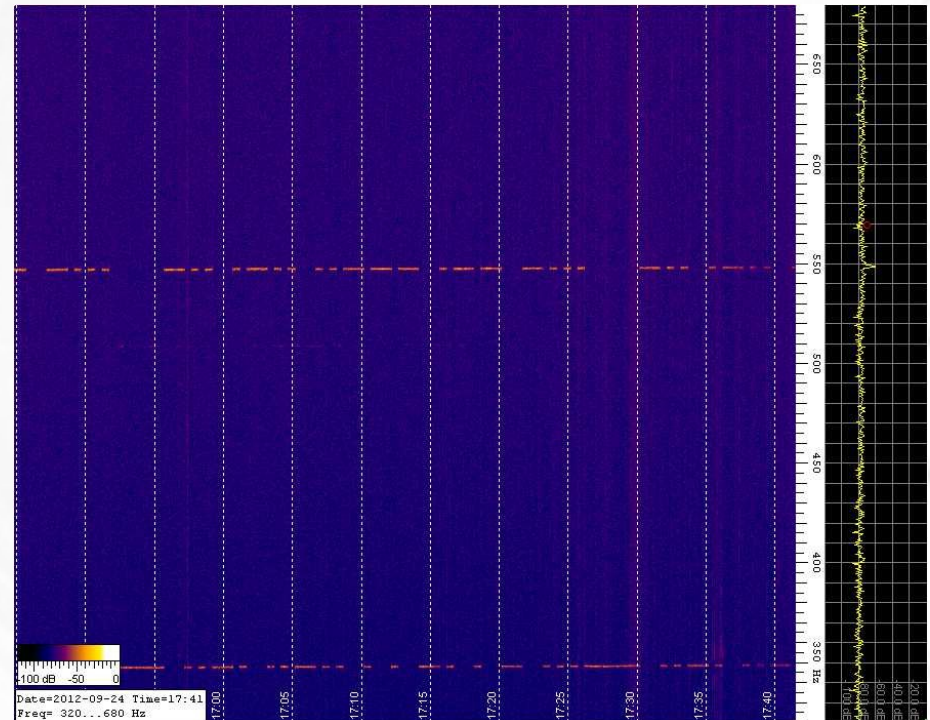
Agilent 33250A Function Generator
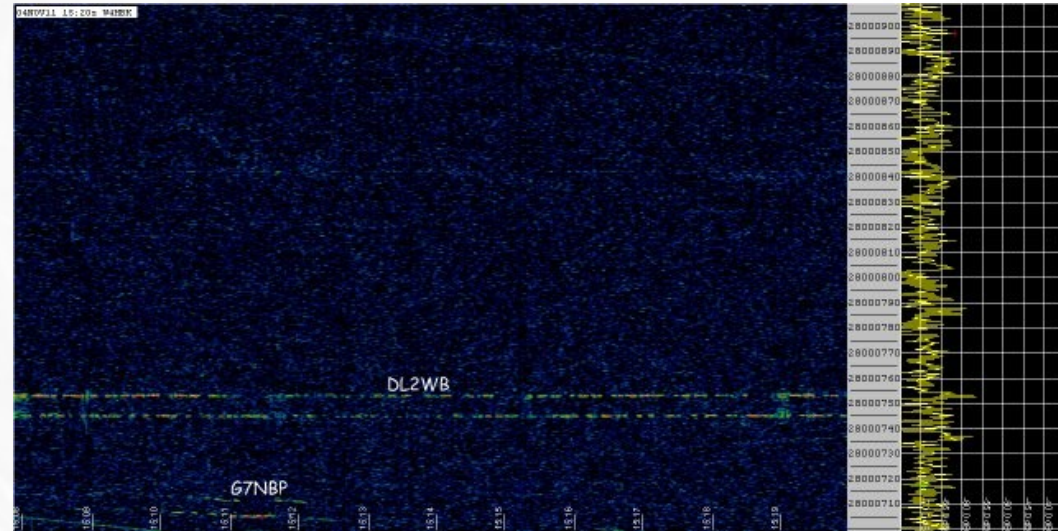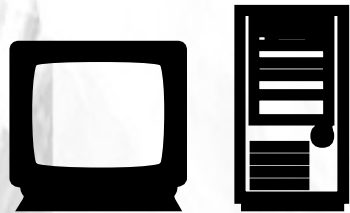
☞ **ca. 100 mW stand-alone, up to 10 W with extra linear PA**

☺ **high frequency accuracy; adjustable in sub-Hz range; FSK possible with shift in Hz-range**

☹ **high price, even as surplus; PC required for keying, running e.g. qrs.exe by ON7YD**

Rohde&Schwarz SMIQ Signal Generator

☞ **ca. 20 mW stand-alone, up to 10 W with extra linear PA**

☺ high frequency accuracy; adjustable in sub-Hz range; no PC required (R&S „digital modes" option required)

☹ high price, even as surplus; minimum shift of 200 Hz in FSK mode

Marcmart OT204 DDS kit (using AD9851)
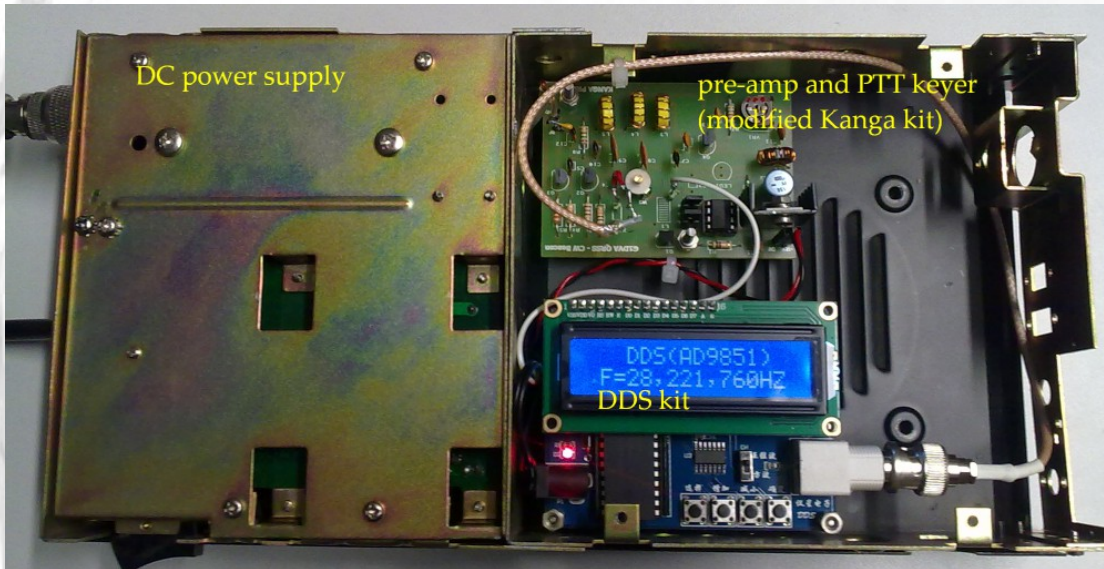

☞ **up to 2 W with vintage CB used as final PA, modified Kanga 10 m kit used as pre-amp and PTT**

☺ **acceptable frequency accuracy; adjustable in Hz range; no PC required**

☹ **moderate price for DDS kit (ca. 45 USD in eBay)**

reports received so far in Bavaria (JN57dr)

W4HBK	EM60kj	2011-11-04	15:00
KC0TKS	EM38iq	2012-01-20	13:26
N2NXZ	FN13ee	2012-02-13	15:00
G0NSL	IO83pi	2012-02-27	09:19
LU6DLL	GF05rn	2012-04-29	17:30
G4TMV	IO83vp	2012-05-30	14:00
SV1ATJ	KM17uw	2012-07-03	15:34
G3VYZ	IO95fb	2012-07-04	16:35
G6AVK	JO01ho	2012-07-14	08:55
SA6BSS	JO68sc	2012-07-14	18:23
ZL2IK	RF74ci	2012-09-30	12:10
VE1VDM	FN85ij	2012-09-30	14:42

ODX of 18.172 km: DL2WB ⇨ ZL2IK

running 4 W from the R&S SMIQ setup with external PA into a vertical quarterwave

ZL2IK, Northland, New Zealand, - RF74ci - 10 METRES - Date 300912 Time 12:10 UTC
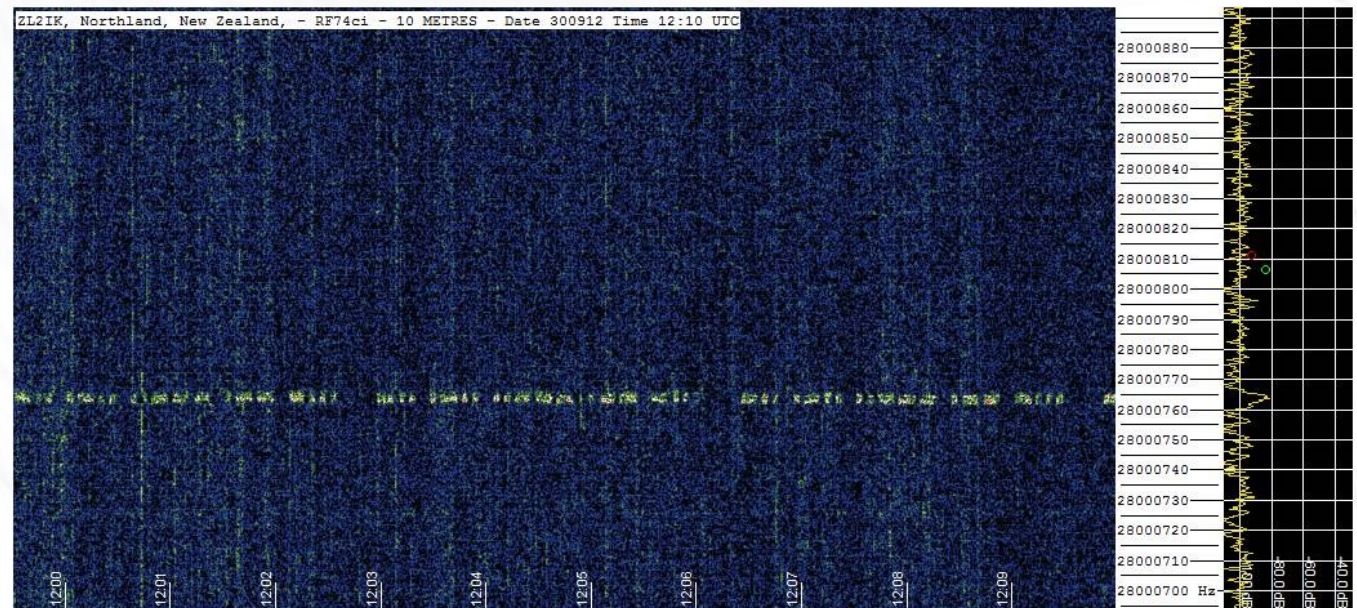
for further details...
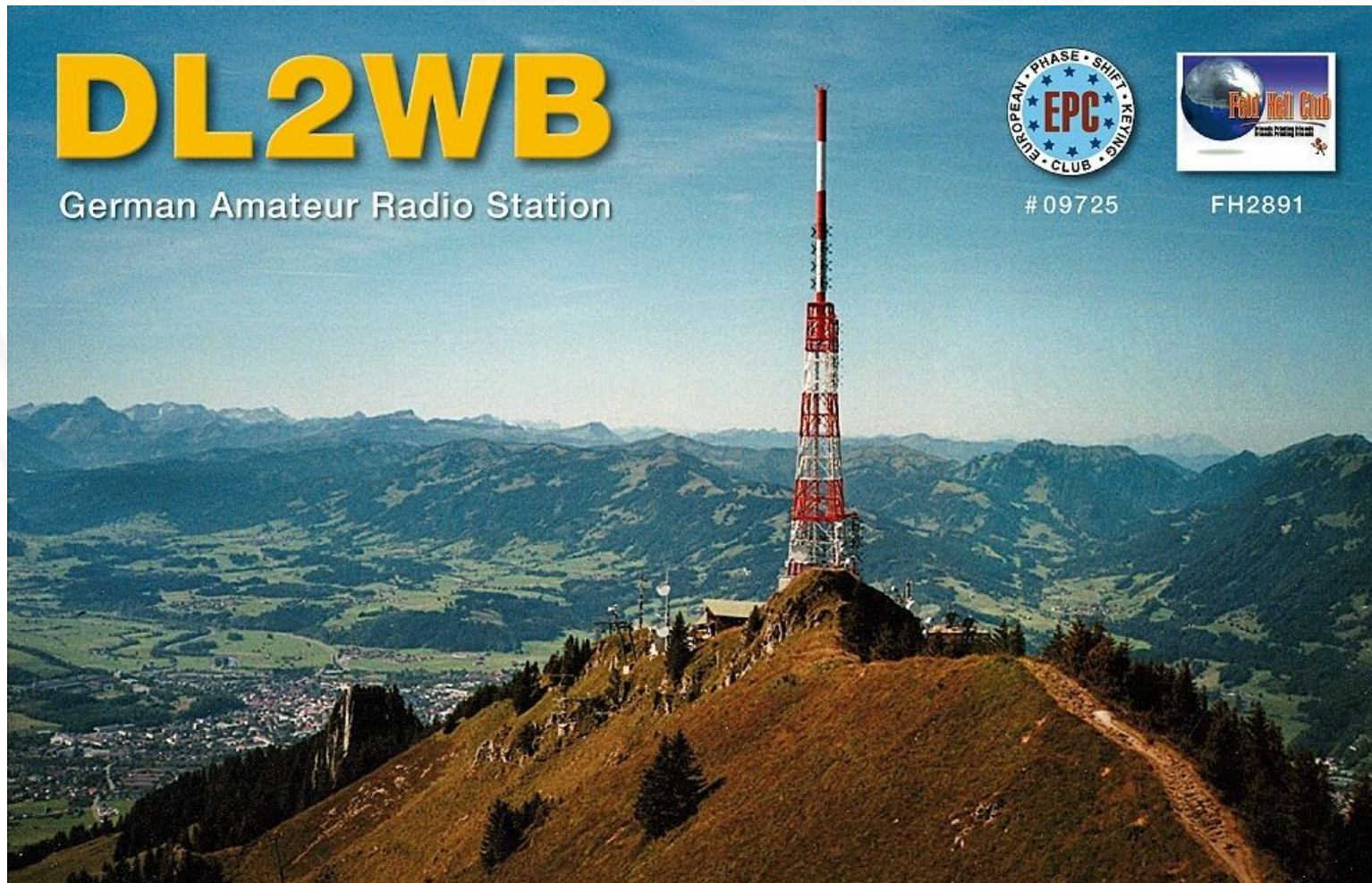
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or write me a mail to *my call sign @qsl.net*