



MHz/B – location on Hatteras Isl., FM25EF



WB - Path to Europe taken from 45° elevation on the tower. 70 degrees azimuth is in the center.

6m beacon is running from the same QTH and callsign 62.5 MHz. This beacon was hr by CT1HZE several in summer 2008 via Es as the only continental EU. Other reports come from EA8 and CU. Currently the is running 30w to a loop. In 2009 the power will be sed to 100W!

WB, 144.450 MHz, JG77GI, 20 W, 3 Ele Yagi. QTH spmund, Namibia. QTF to PY/ZD7. Also in South Africa is developing some kind of transatlantic propagation siasm now.

WS

WS Portal back online

I apologize for being a few months offline, but we had nical and man power problems. Also we moved to a new der. Now all is running stable on the new URL:
<http://portal.dubus.de/>

IS 2009

IUS / FT and MMMonVHF have decided to evaluate the Wanted Squares poll from now on only directly online on webpage <http://www.mmmmonvhf.de/emws.php>. Register and update your data online untill February 8th. Then the expedition groups have an early and good cation about where to go in summer 2009. Thank you!

W monthly DUR GHz Activity Contest

Dresden VHF Group „DUR“ (Dresdner UKW Runde“ bounces a new activity event that takes place every 3rd day in the month from 08-11 UTC (parallel to the OK

activity contest). The DUR Activity is on all bands from 1.2 GHz and up, modes CW; SSB, FM, AM. Exchange: RST + serial number from 001 on each band, locator.

Points 1 / km on 23cm, 13cm and 3cm,

2 points / km on 9cm and 6cm,

3 points / km on 24GHz,

4 points / km on 47GHz,

5 points / km on bands 76 GHz and up.

Info and Logs to DHOLS. j.schmidt@jetzweb.de (Jens Schmidt (DHOLS), Carolinenstrasse 48, 07747 Jena.

Deadline is 8 days after the contest date.

Results are published on www.amram.de/forum/

The contest starts officially on January 18th 2009.

Addendum to DL2AM's 5.5 W 24 GHz PA in DUBUS 3/2008, p.63

DL2AM writes, that the output power of his 5.5 W 24 GHz PA that was presented in last DUBUS issue 3/2008 can be increased to more than 7 W RF if one allows a maximal current of 8 A. Note that only the regulator LT1083CP is capable of this higher current. The LT1084TO is not sufficient. To obtain the increased output one have to increase the input power to about 50 mW and tune the output circuit to about 7W. Also under extended operation with the increased power I have not discovered any problems. I have used a 3.5mm stripline SMA APC jack from Rosenberger on the RF output. This is advantegous if one want to use a transition to WG.



7W on 24 GHz with LT1083CP

Nachtrag zum Artikel 5,5 Watt Power Amplifier für 24 GHz, in Dubus 3/08, S.63

DL2AM schreibt: Ich habe festgestellt, dass wenn man max. Strom bis 8A zulässt, dann bei 24 GHz gut 7 Watt HF auszukoppeln sind. Weitere Versuche haben ergeben: Es sollte nur der Regler LT 1083 CP benutzt werden, da nur dieser den nötigen Strom liefern kann. Beim LT 1084 TO 220 reicht der Strom nicht aus. Wenn mehr Input gegeben wird, ca. 50 mW und gleichzeitig der Ausgang getunt wird, steigt der Strom bis zu 8 Amp. Dabei stellt sich ein Output von ca. 7 Watt HF ein. Bei längerem Betrieb ist mir nichts Negatives aufgefallen. Den HF-Ausgang habe ich mit einem SMA-Stecker 3,5 mm Stripline von Rosenberger versehen. Dies ist vorteilhaft, wenn ein Hohlleiter-Übergang auf SMA benutzt wird. Ich habe auch Tests gemacht mit Semi-Rigid UT 85 und UT 141 bei 6 Watt HF-Leistung. Beide ergeben bei 24 GHz ähnliche Dämpfungswerte bei Kabellängen bis 6 cm.

