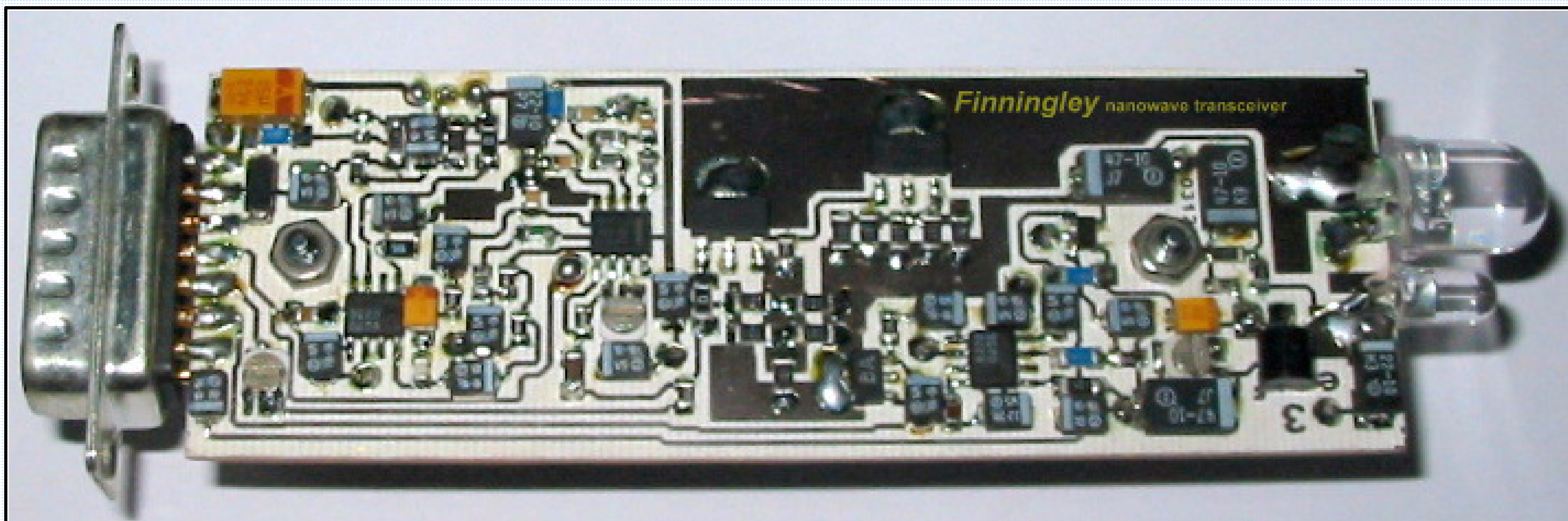


Finningley 2012 Microwave Round Table

14 and 15th July



Optical transceiver - *this years RT smd build project*

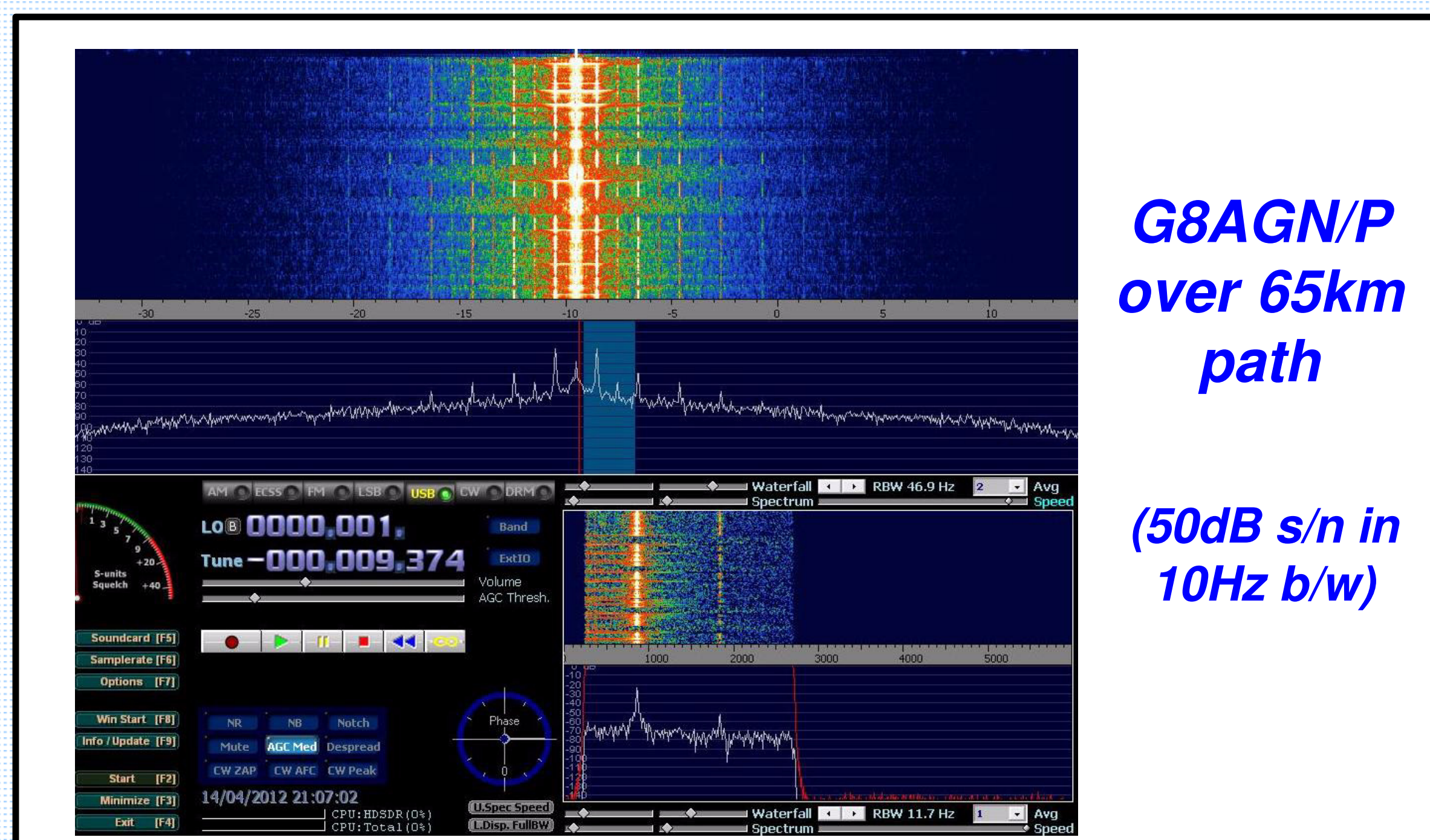
Transceiver details:

- Operates at nominally 650nm (red) wavelength
- Tx DC input power: 0.75W
- Can be used for baseband or sub-carrier operation
- Easily developed further via "test interface pcb" replacement
- Tx input: Ideal for electret microphone [DC bias provided by transceiver]
- Rx output level: 80mV [suitable for driving a PC headset or sound card]
- Supply rail: 12v DC
- Back to back range of over 50km in clear conditions when using 100mm telescope
- Sensitive receiver - will detect star-light scintillation when used with a 100mm telescope

RT Price: £20 (£25 smd pre-populated) - for pcb and housing

** 4" Telescope seperately available for board builders on the day **

Please let Kevin G3AAF know if you would like to build a transceiver during the Round Table



**4" Telescope also
available**

during the RT weekend

