



reference

2J431-500-C95

mounting position

ANY METALIC SURFACE

nominal impedance

50 Ohms

frequency

1575.42 MHz

polarization

HORIZONTAL

gain

26dB at 3V, 28dB at 5V

cable GPS

5m Rg174, connector FAKRA

housing size

38 mm x 34 mm x 13.7mm

working temperature

-40°C to +85°C

TEST REPORT
2J431 GPS ANTENNA

10th August 2006

David Noble

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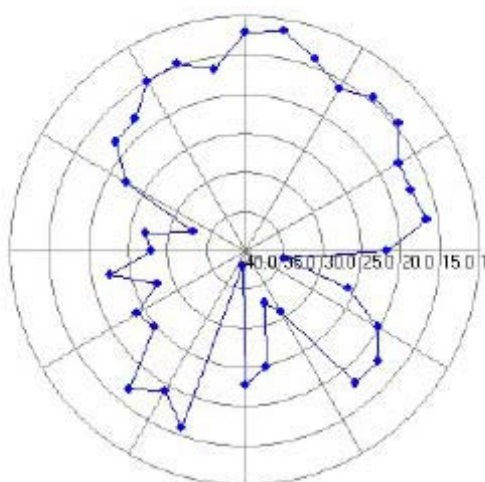
ABSTRACT

This report included radiation patterns relating to the azimuth and elevation planes of the antenna stated on the title page. These results have been produced by an independent test laboratory:

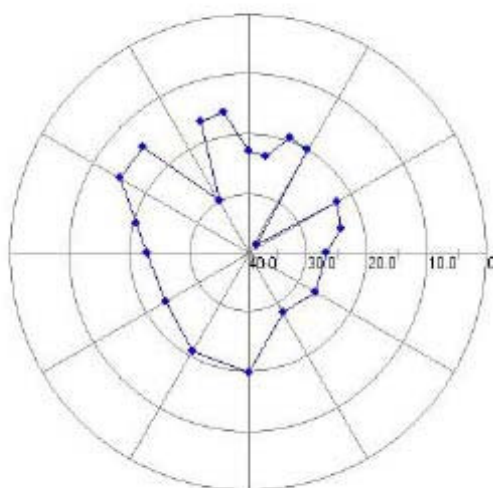
Tested by Section of testing and Metrology, Registration No. S-120

Antenna performance charts have been produced using Agilent Technologies E5062A ENA Series Network Analyzer.

RADIATED RF TEST PATTERNS



E plane radiation paatternts

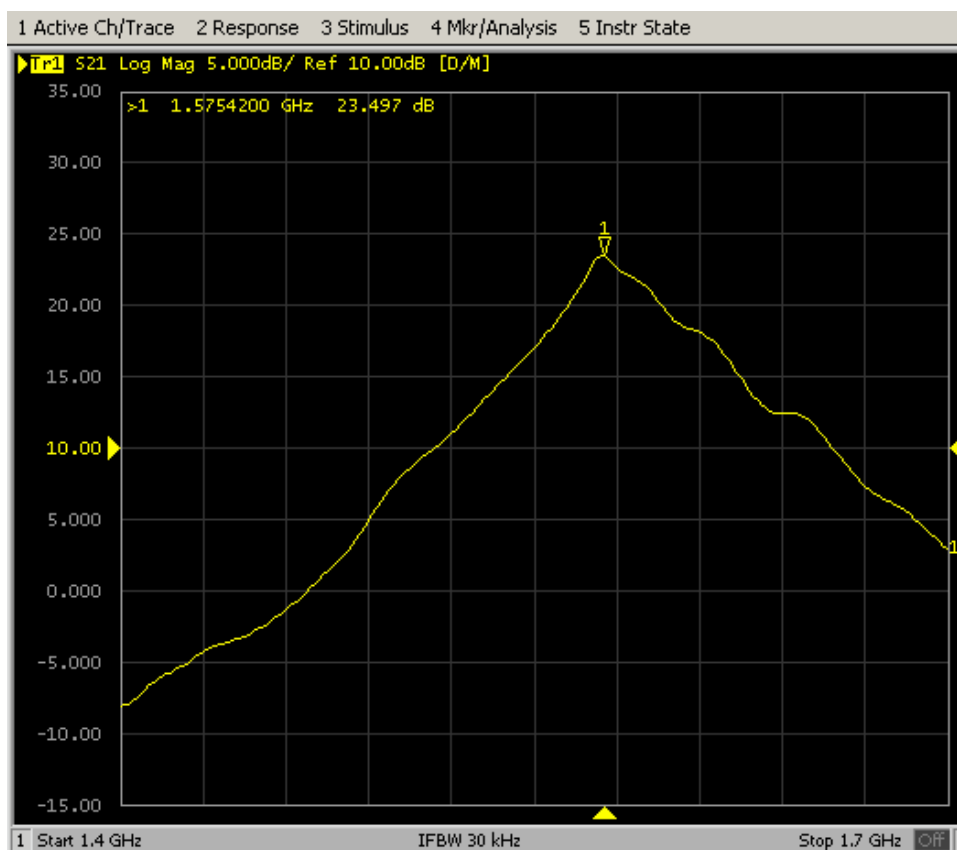


H plane radiation paatternts

ANTENNA PERFORMANCE CHARTS

The Charts below represent the Gain of the antenna under test at 1575.42MHz, using a dipole with a gain of 0dB as the reference, at 3V and 5V.

3 Volts



5 Volts

