INTERNATIONAL PROCUREMENT SERVICES (OVERSEAS) LTD

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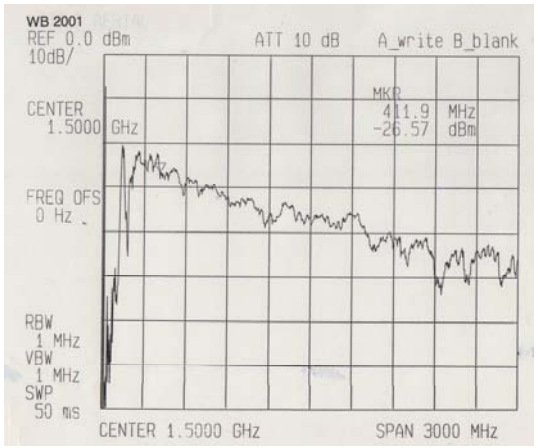
OSCOR Super Wide Band Antenna.

The importance of the antenna cannot be overstated. This is the ear of the RF system. No amount of signal processing can analyse a signal not captured in the first instance. This robust antenna is passive therefore without any potentially fragile amplifier. This also results in an excellent signal to noise ratio.

Specification:

Frequency range -	100 MHz to beyond 3 GHz
Polarisation -	Circular
Gain -	(see plot) Approximately equal to a half wave dipole
VSWR -	2:1
Connector -	SMA type socket
Dimensions -	460 x 410 x 16 mm



Accessories included:

2 metre Low loss lead
Antenna Stand
Tripod
Attenuator
RF to Mains adaptor

STORM case (with wheels)
Custom foam insert, suitable for Aircraft Hold Baggage.

Antenna Packing

The antenna is housed in the lid foam by first inserting the right hand edge into the right hand foam. Then after pushing the antenna into the lid line up to the left hand foam and slide the antenna to the left. Lock into position with the “D” shaped foam plug.

The foam lid sheet is required to provide packing between the OSCOR and the Antenna during transport.

OSCOR Packing

The process of lifting the OSCOR in and out of the case is to remove the antenna stand and hand hold at the OSCOR Case handle and on one of the foot protrusions:

RF Mains Adaptor

To provide wider scan bandwidths when monitoring mains wiring an RF to Mains adaptor is provided that can be used with the SMA to BNC lead provided. The connection is to the HF/UHF connector as does the WB2001 antenna. Switching is provided for L/N, L/E and N/E combinations

Connection to OSCOR

First disconnect OSCOR antenna array HF/UHF lead. The BNC plug end of the ADD-PACK lead is then applied to the HF/UHF connector and if required, in high RF environments, the attenuator is placed in series.

Antenna Stand

The stand has a standard tripod mount but is also designed for table or floor standing.