



*Pioneer Class with **IPOINT**TM*



***PIONEER120*TM Radiation Pattern**

The *PIONEER120*TM ultra-compact roof mounted system from Advantech Wireless is a quick deploy 1.2m antenna. Fitted with the **IPOINT**TM antenna control unit the system can auto-acquire the target satellite in less than 3 minutes.

This data sheet details the Ku-band radiation patterns showing the side lobe performance easily meets the 29-25 Log θ dBi standard.

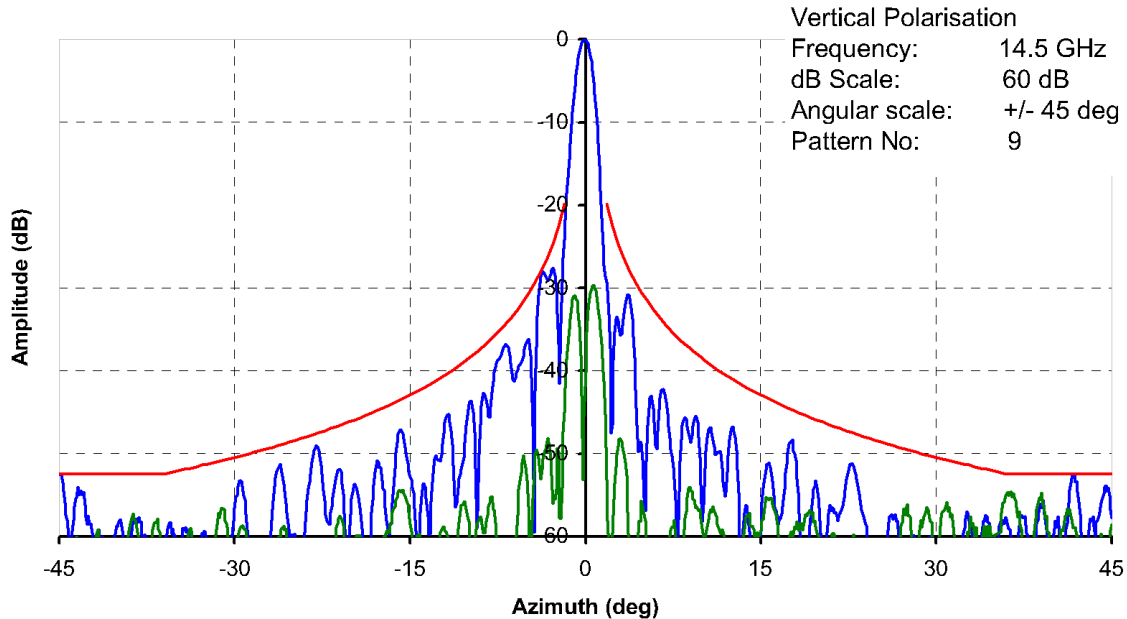
Frequency	GHz	13.75	14.25	14.5
Signal Level at beam peak	AUT	-24.84	-23.85	-21.64
Signal Level at beam peak	SGH	-41.16	-40.23	-38.05
Difference, AUT to SGH	dB	16.32	16.38	16.41
Rated gain SGH	dBi	26.52	26.79	26.92
Gain of AUT	dBi	42.84	43.17	43.33

Antenna Range Test Log Sheet			
Title:	Pioneer-120	Operator:	CPW
Project No:	TBA	Date:	21 August 2008
Description:	1.2m Vehicle	Frequencies:	11.7, 13.75, 14.25, 14.5 GHz
Test plan:	1.2m standard	Datafile Directory:	data/adv_21Aug08

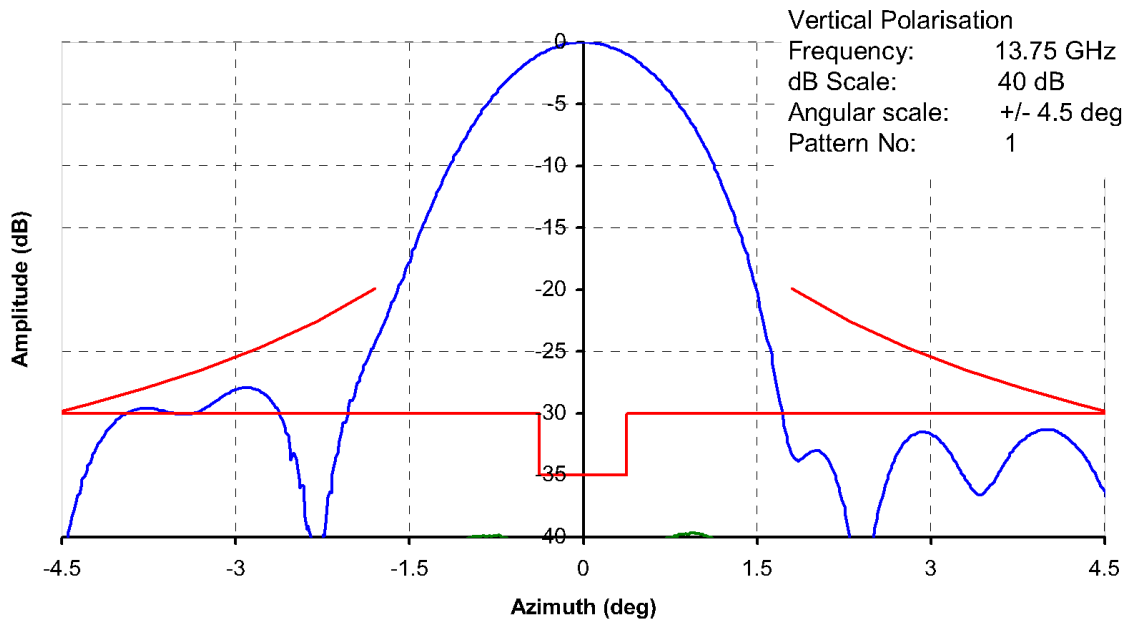
Quick Deploy Fly-Away Antenna INTREPID Class



1.2m Advantech AMT Data File: Adv6 Adv14



1.2m Advantech AMT Data File: Adv Adv1



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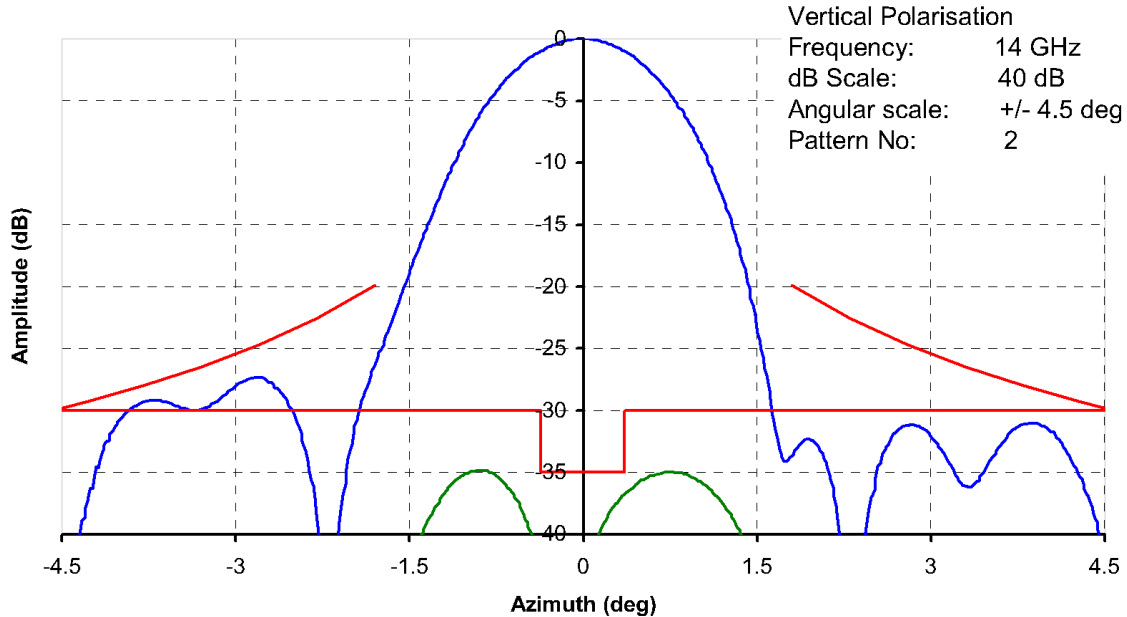


Ref.: DS-IPPION120-RP-12107

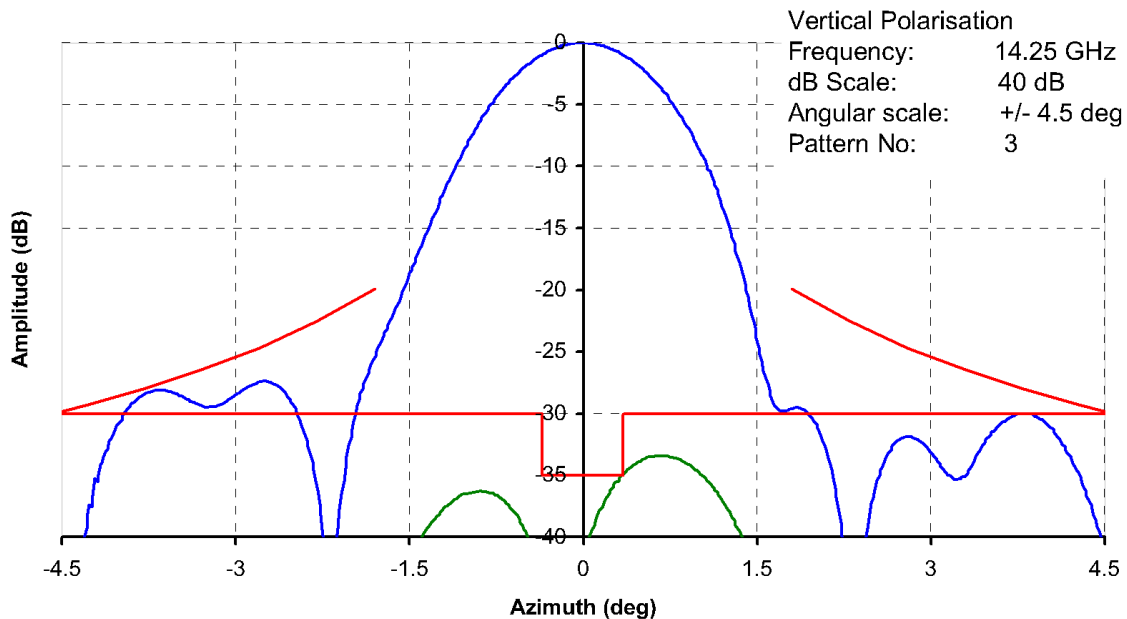
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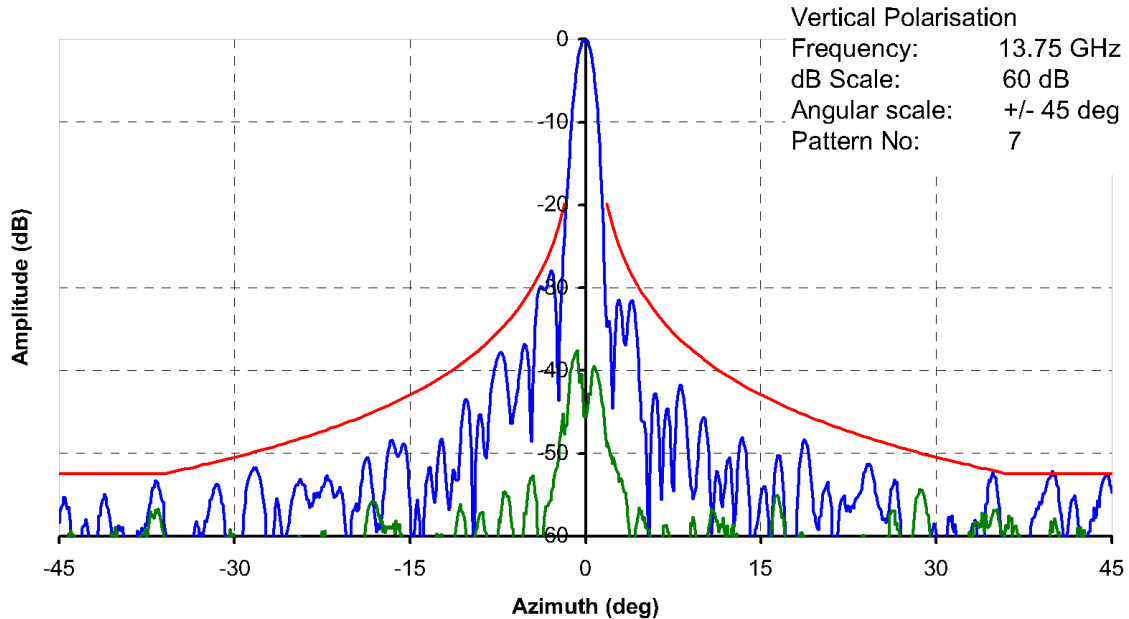


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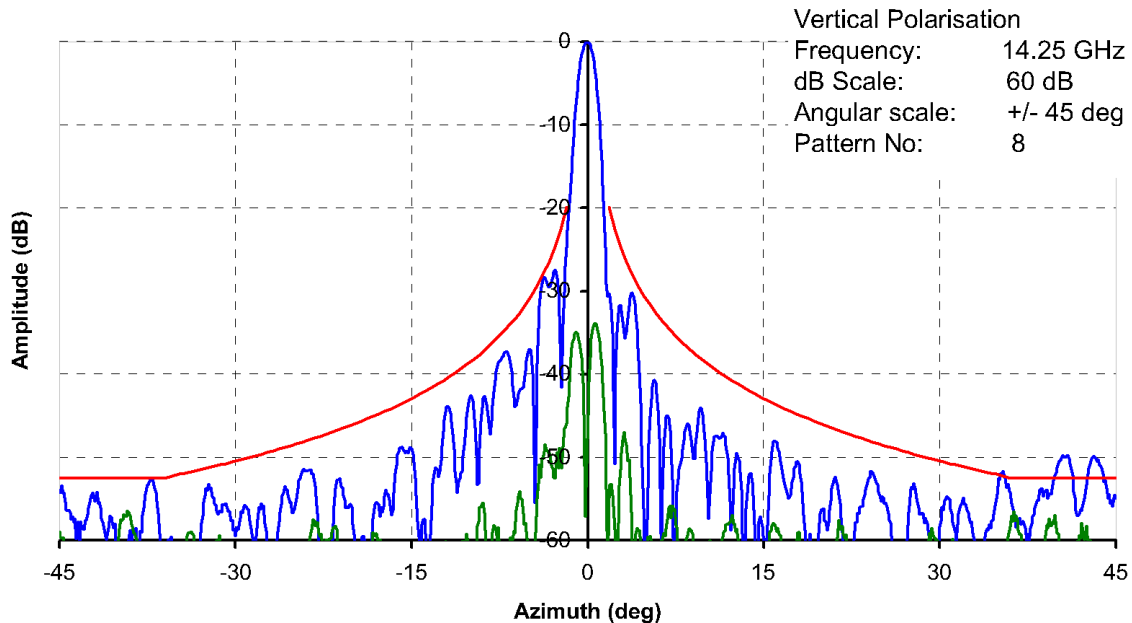
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