



Intrepid Class with IPOINT™



Intrepid120™ Radiation Pattern

The **INTREPID120™** system from Advantech Wireless is a quick deploy 1.2m antenna. Fitted with the **IPOINT™** antenna control unit the system can auto-acquire the target satellite in less than 5 minutes.

Available in X-band and Ku-band configurations this data sheet details the Ku-band radiation patterns showing the side lobe performance easily meets the 29-25 Log θ dBi standard.

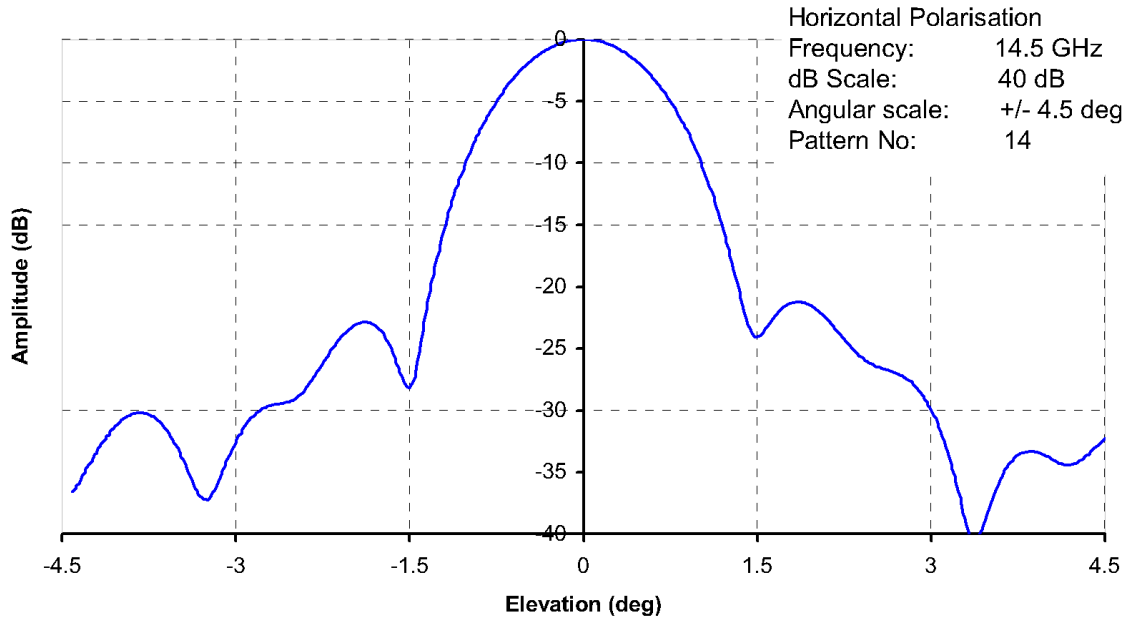
Frequency	GHz	11.7	14.00
Signal Level at AUT beam peak	dB	-24.35	-23.17
Signal Level at SGH beam peak	dB	-40.82	-40.28
Difference, AUT to SGH	dB	16.47	17.11
Rated gain SGH	dBi	25.3	26.6
Gain of AUT	dBi	41.77	43.71

Antenna Range Test Log Sheet			
Title:	Intrepid-120	Operator:	MMD
Project No:	TBA	Date:	19 June 2006
Description:	1.2m Fly-away	Frequencies:	11.7,13.75,14.0,14.5 GHz
Test plan:	1.2m standard	Datafile Directory:	data/adv_19Jun08

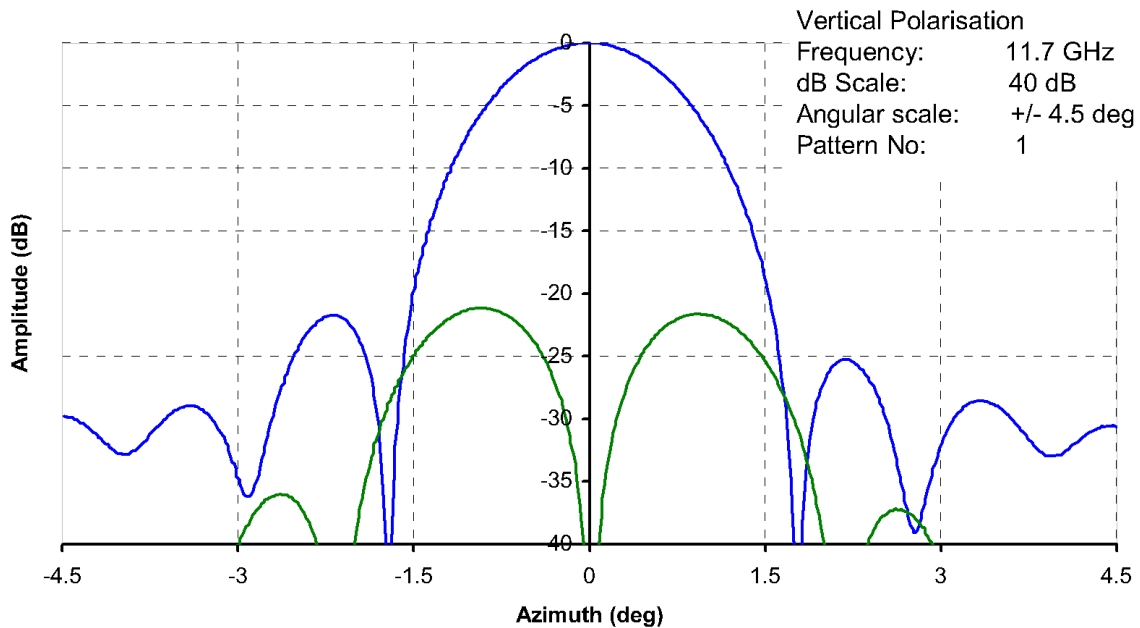
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1.2m Segmented Data File: Adv 43 Adv 44



1.2m Segmented Data File: Adv 35 Adv 36



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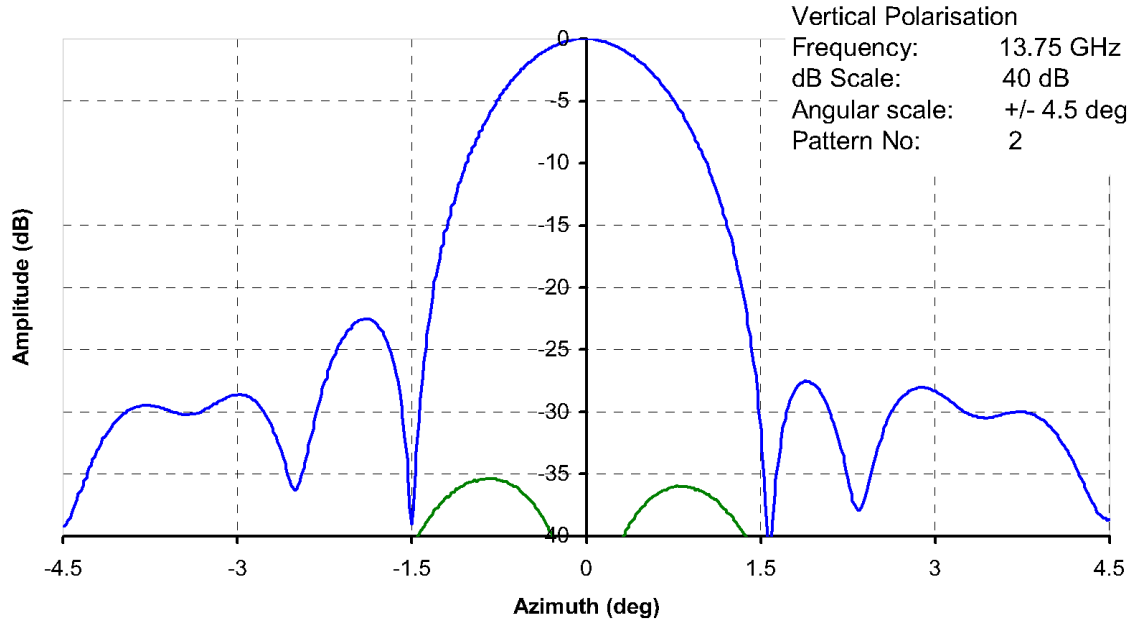


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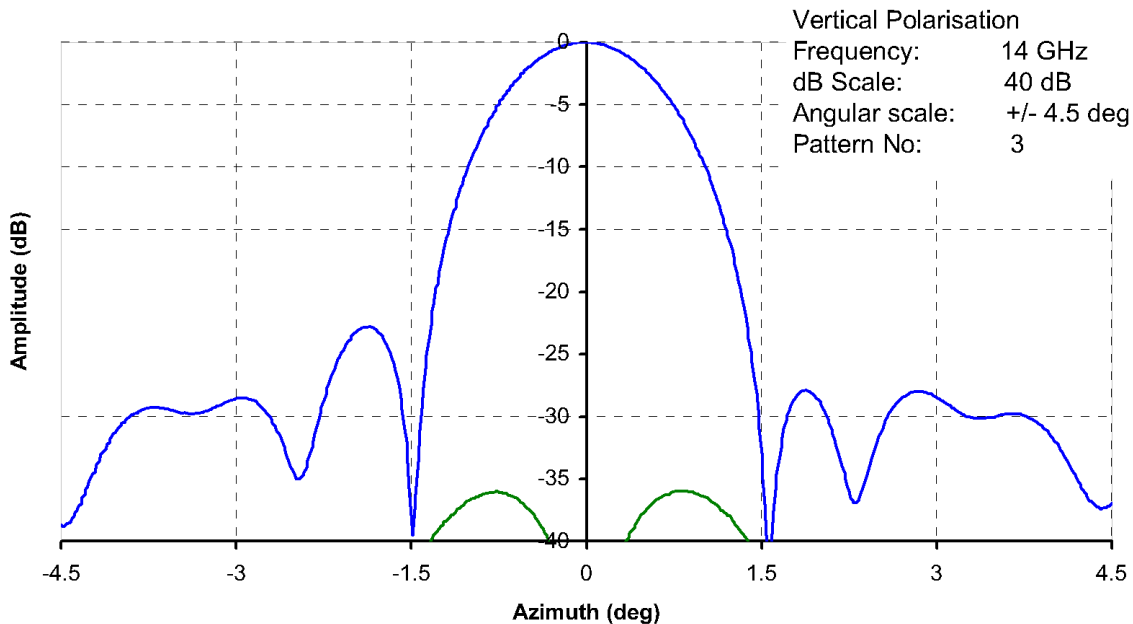
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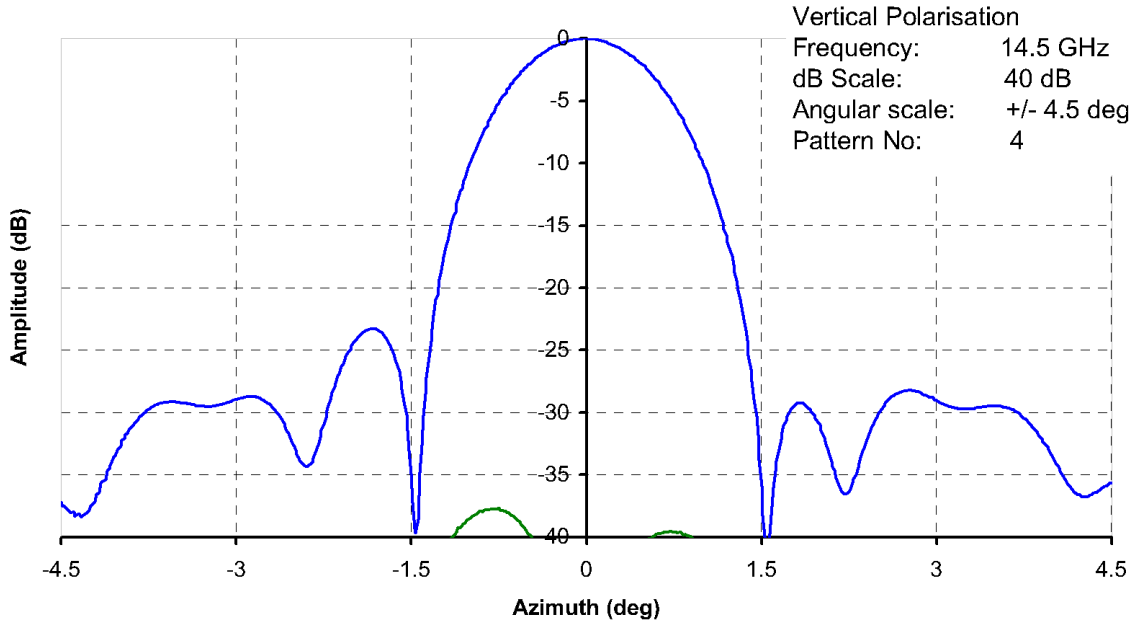


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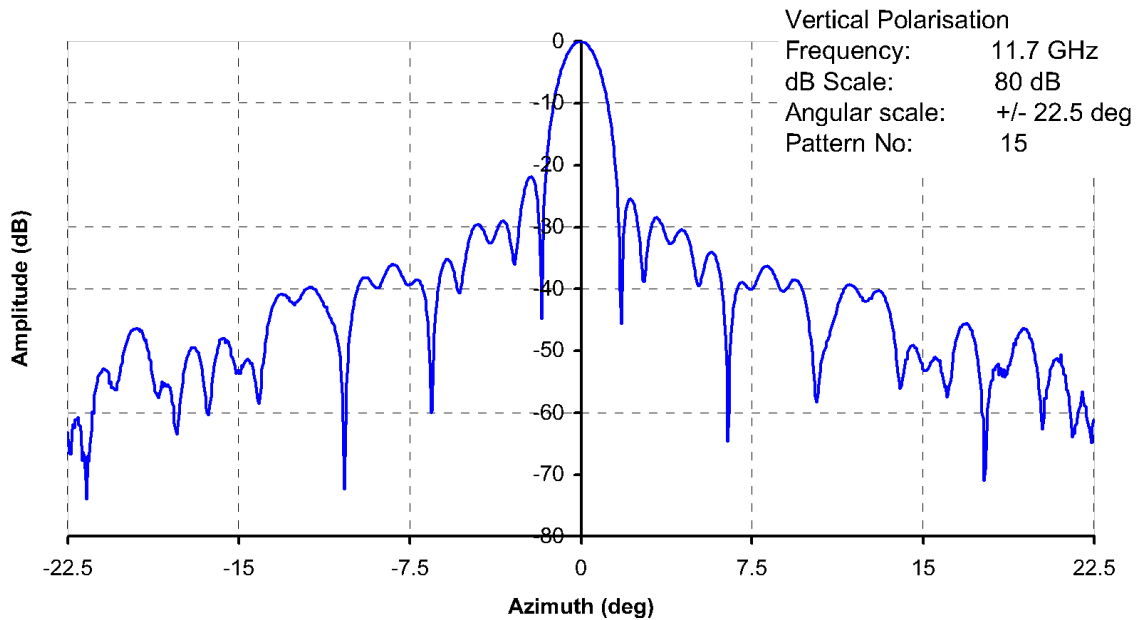
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1.2m Segmented Data File: Adv 35 Adv 36



1.2m Segmented Data File: Adv 39



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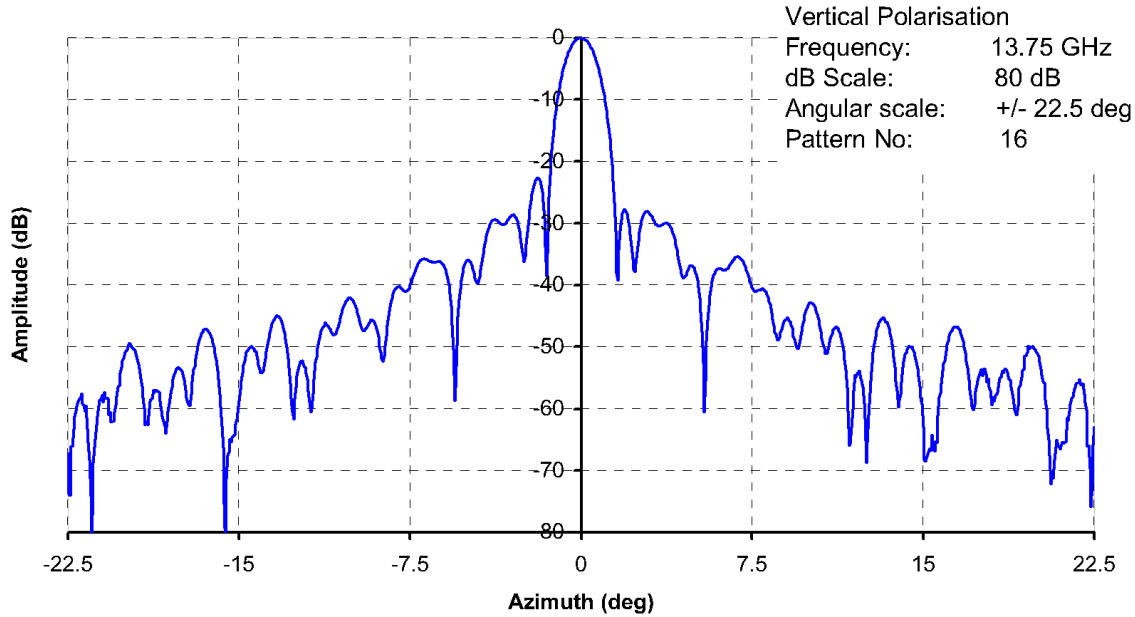


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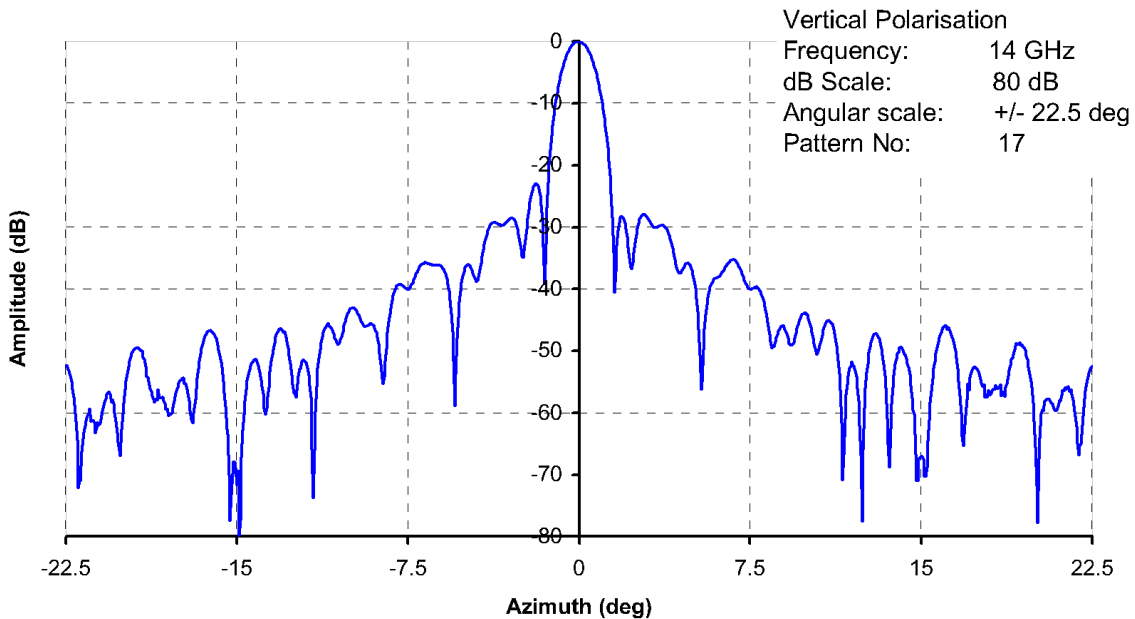
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1.2m Segmented Data File: Adv 39



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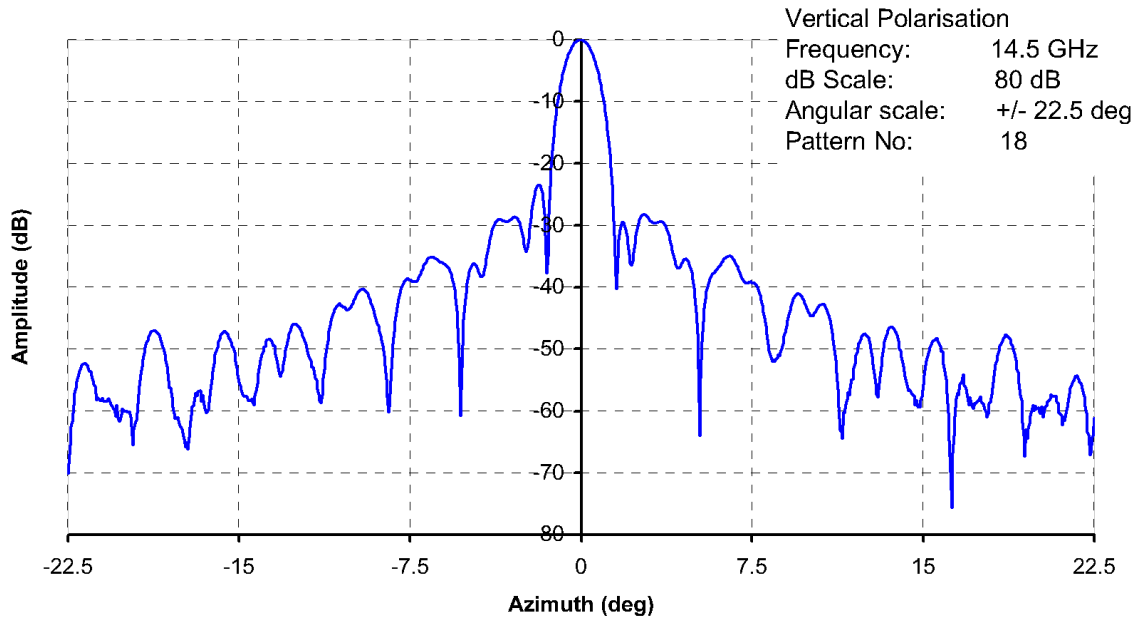


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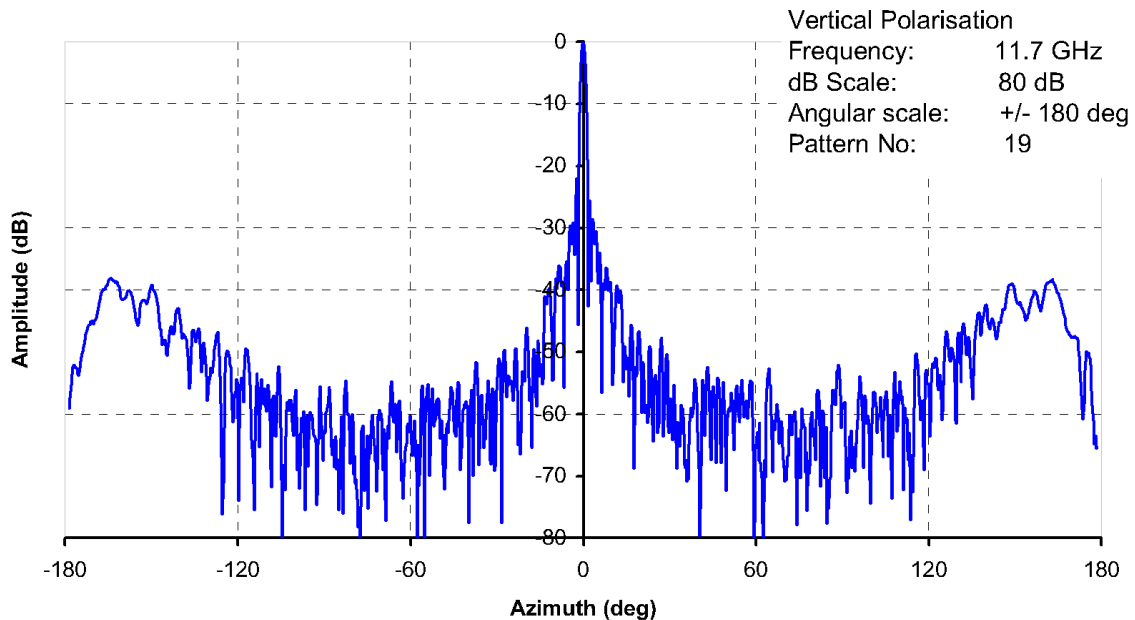
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1.2m Segmented Data File: Adv 39



1.2m Segmented Data File: Adv 40



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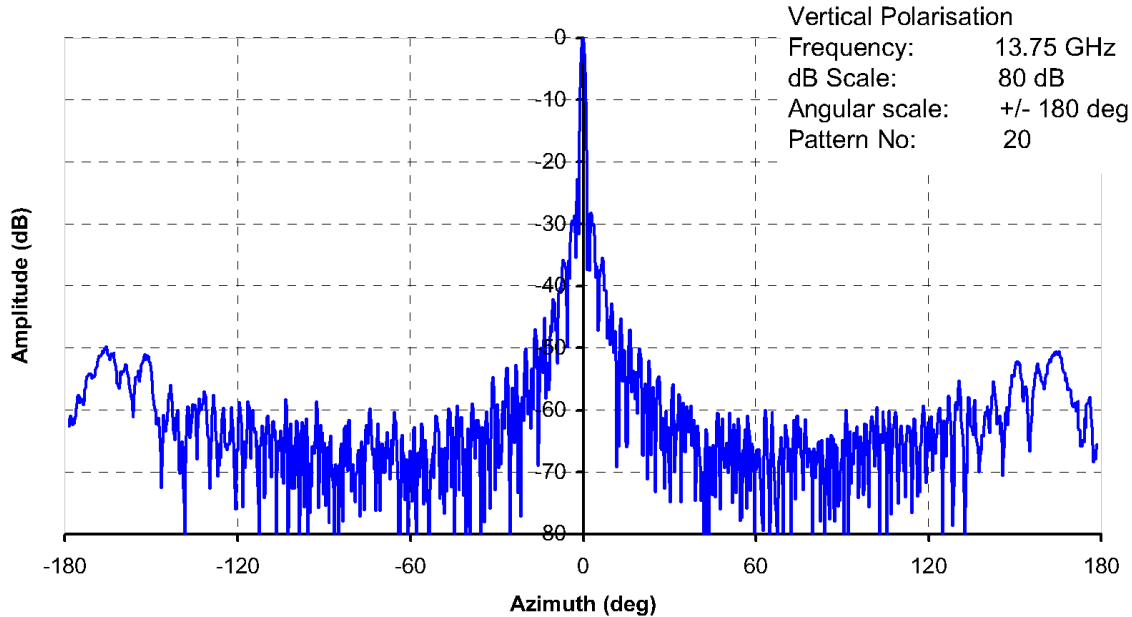


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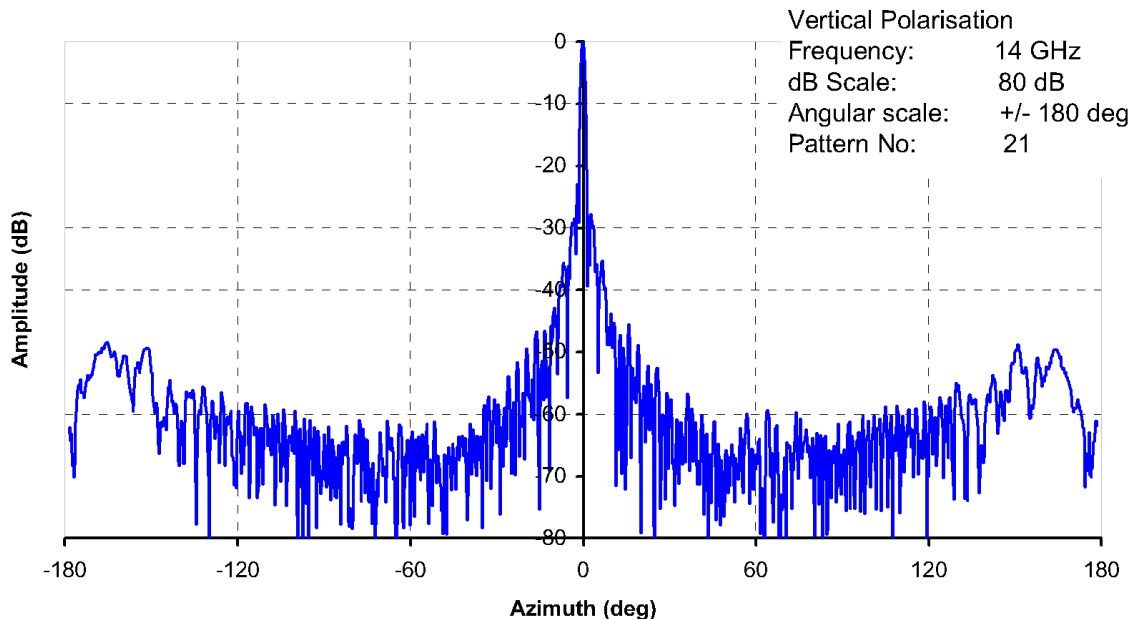
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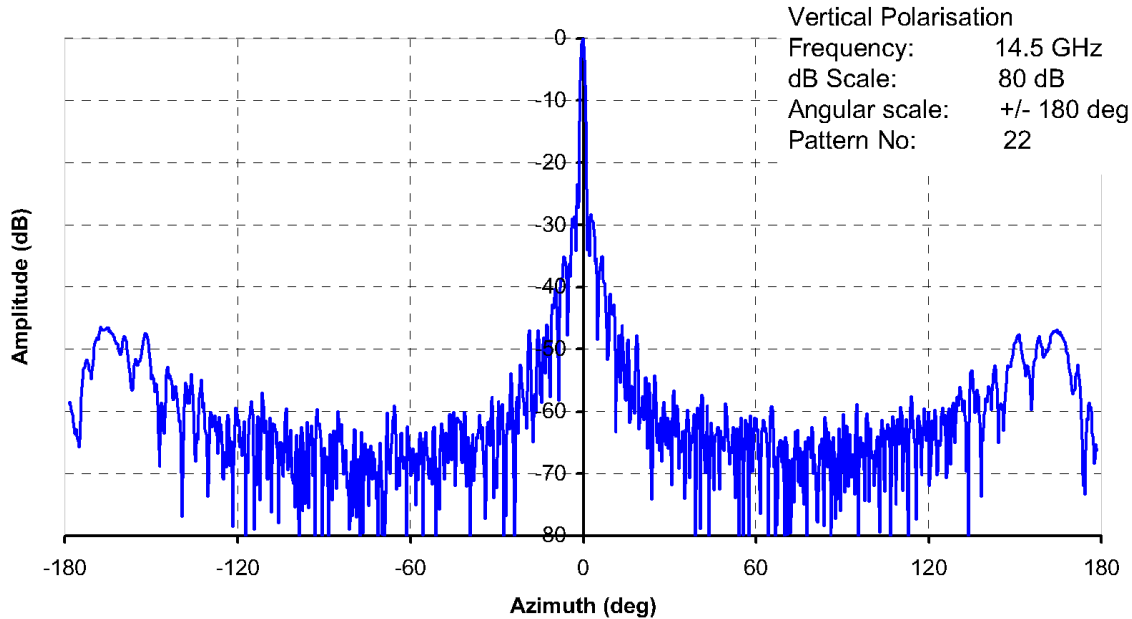


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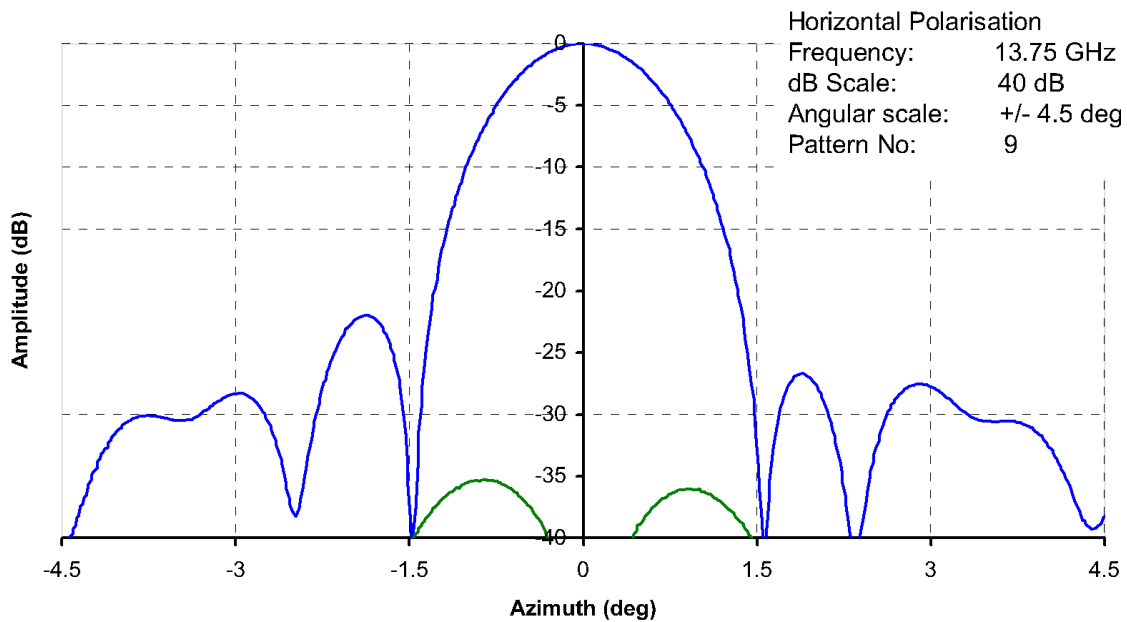
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1.2m Segmented Data File: Adv 40



1.2m Segmented Data File: Adv 42 Adv 41



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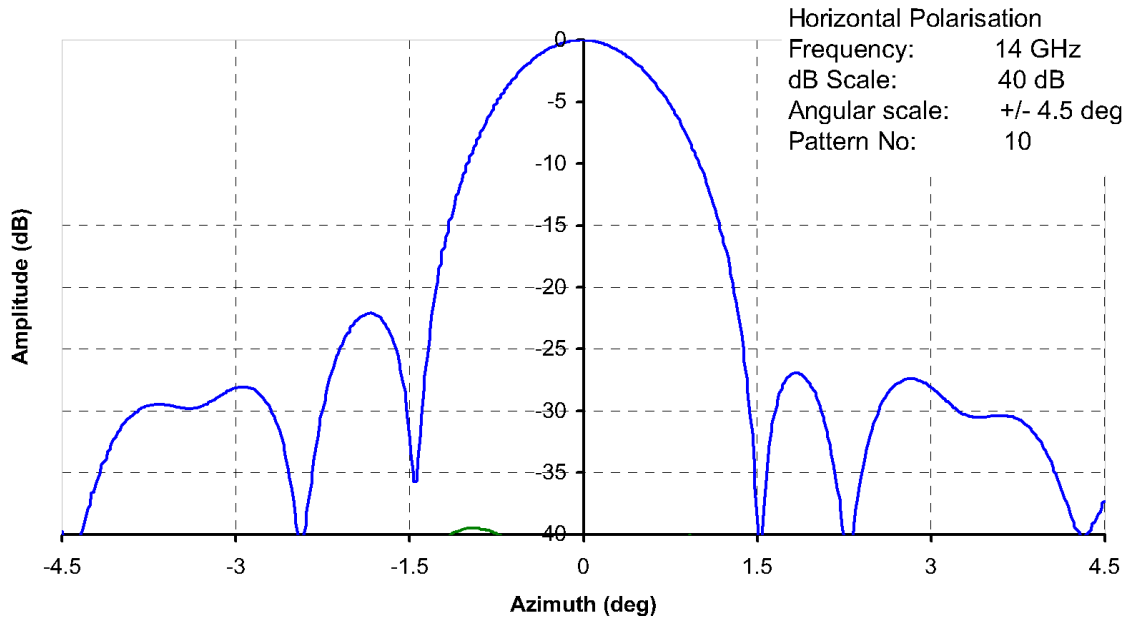


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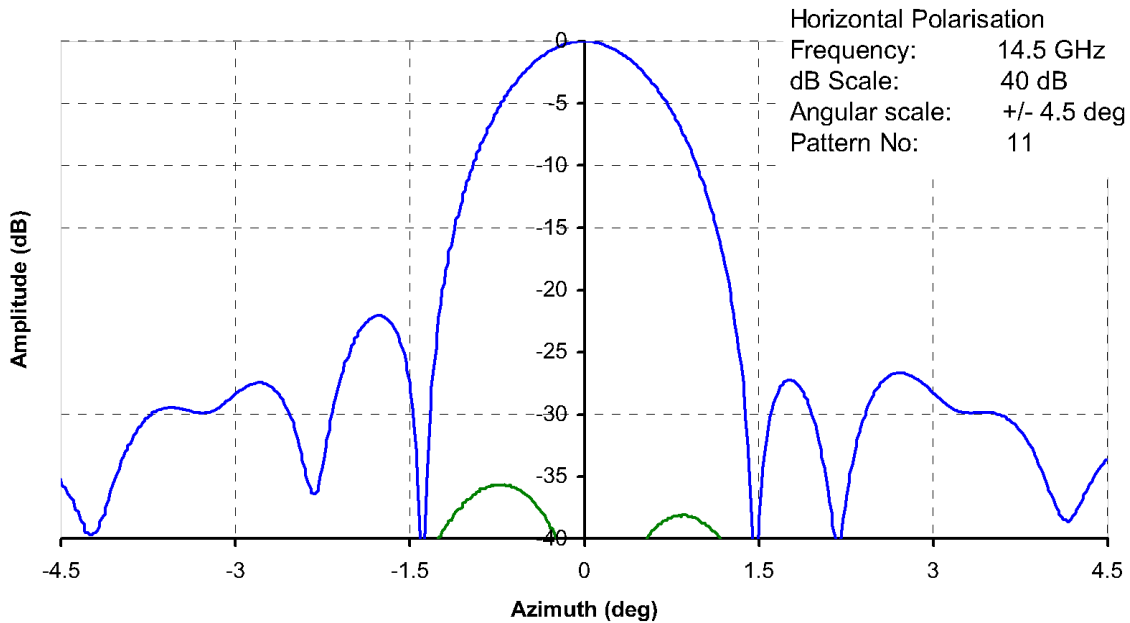
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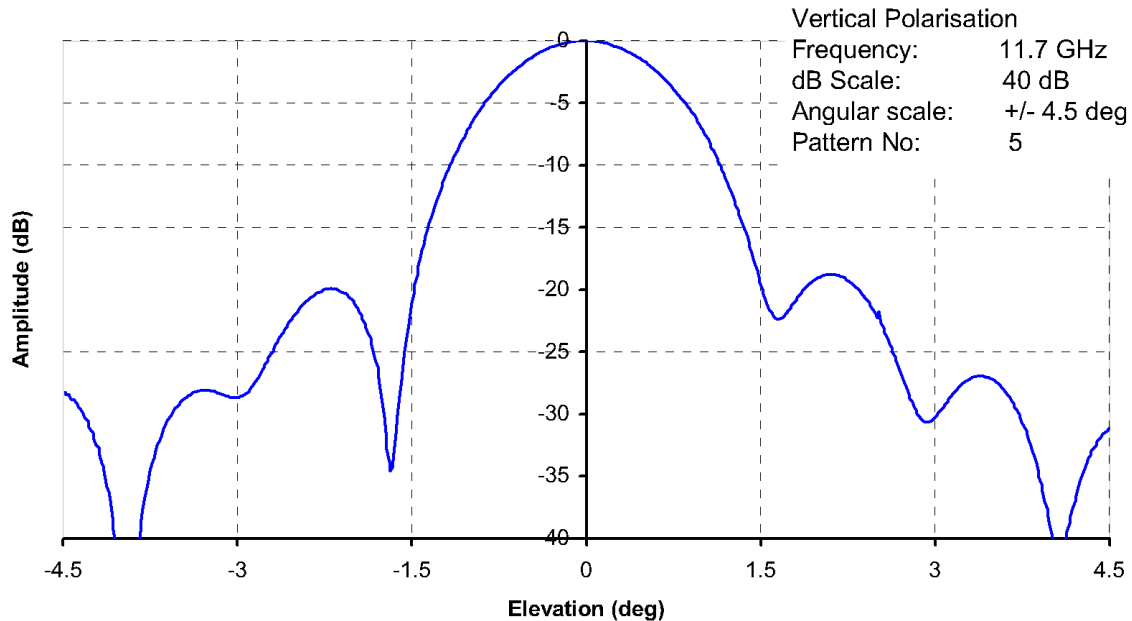


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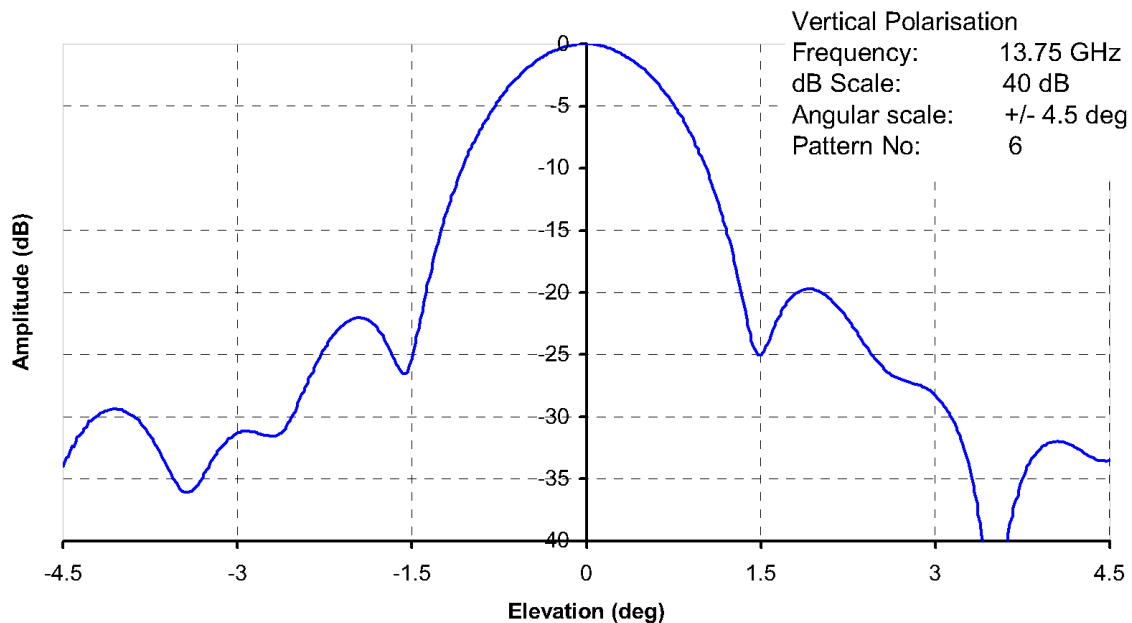
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1.2m Segmented Data File: Adv 38 Adv 37



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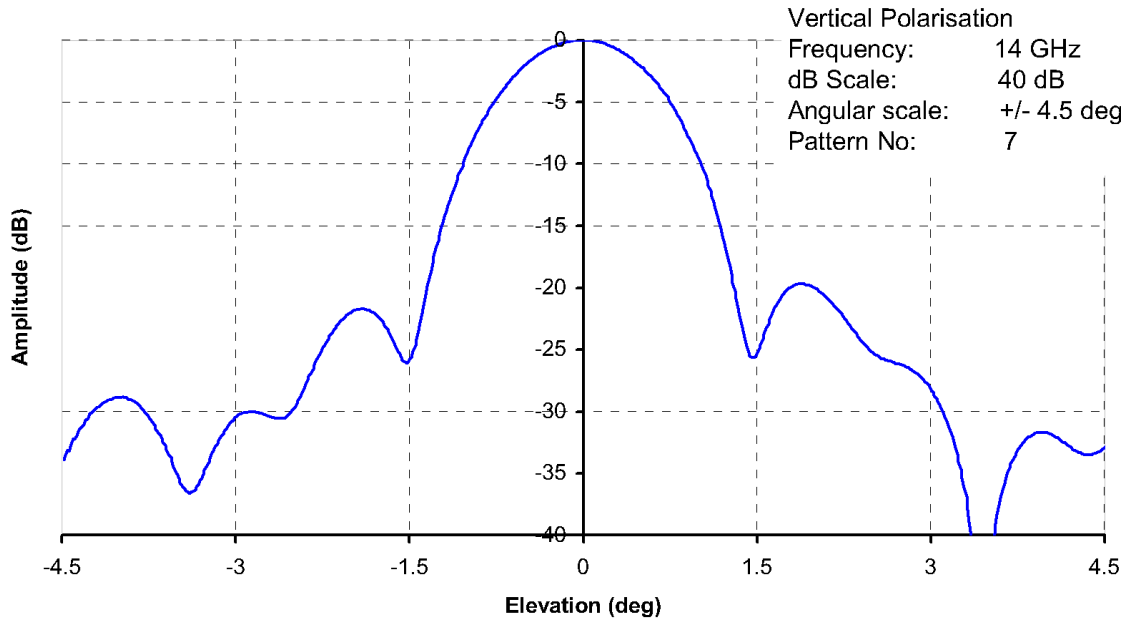


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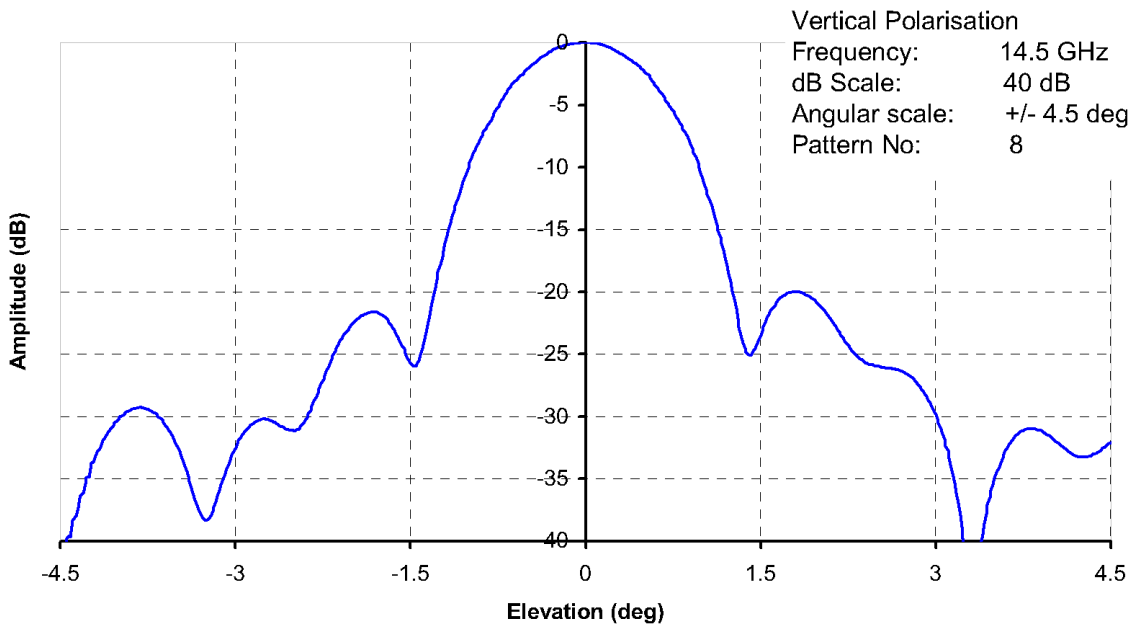
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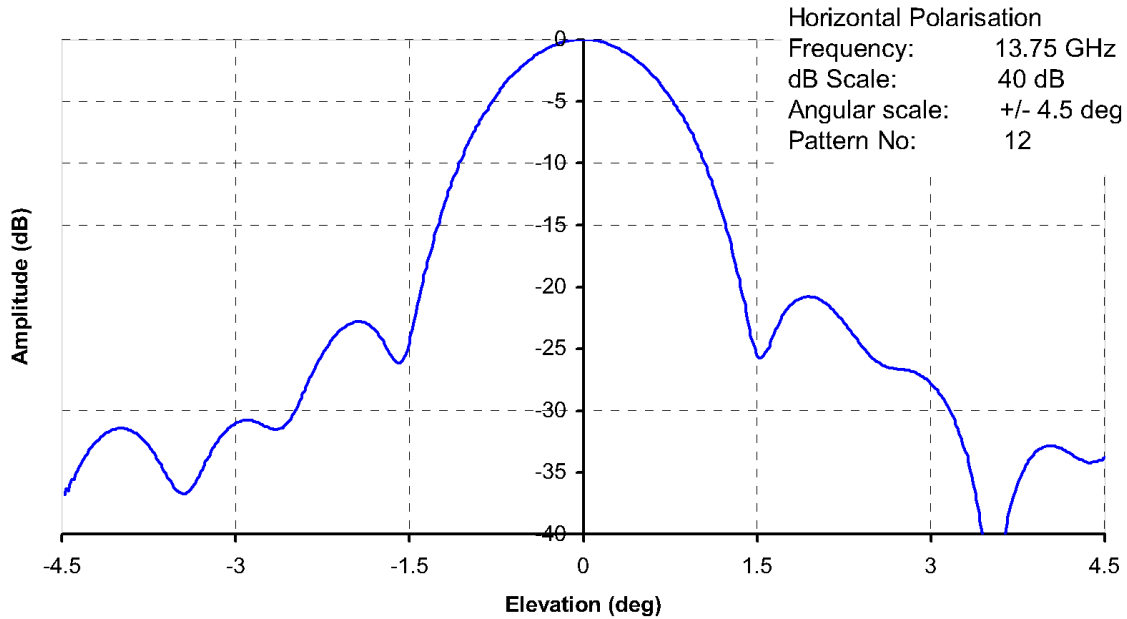


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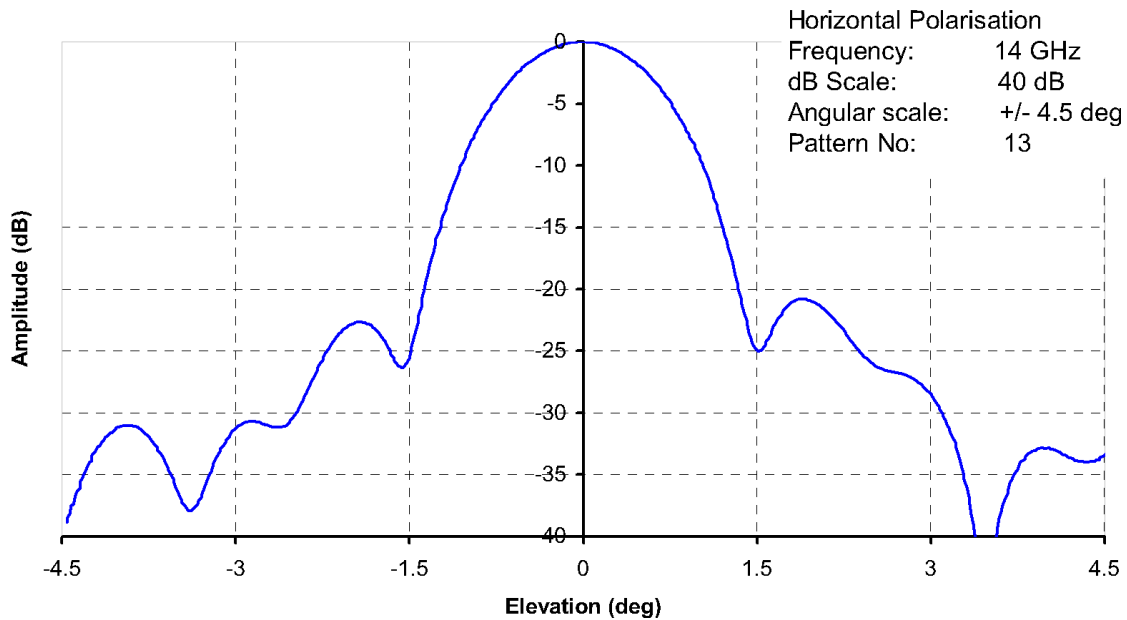
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