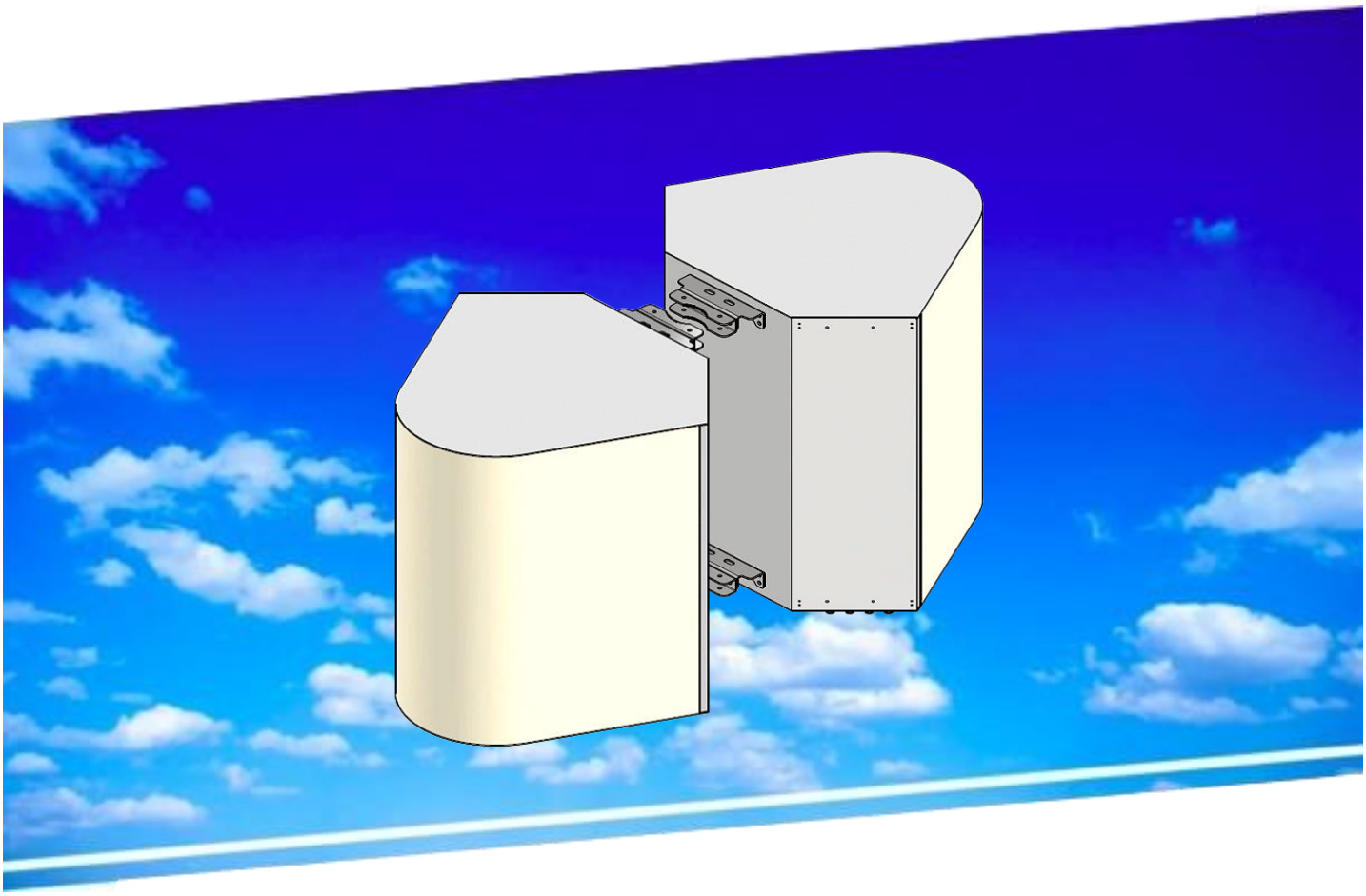
MATSING®

LENS TECHNOLOGY ENABLED

MS-MBC-4.2-H2-12-L2-20

Instruction Manual



www.matsing.com technicalsupport@matsing.com phone: (800) 867-6429

LENS TECHNOLOGY ENABLED

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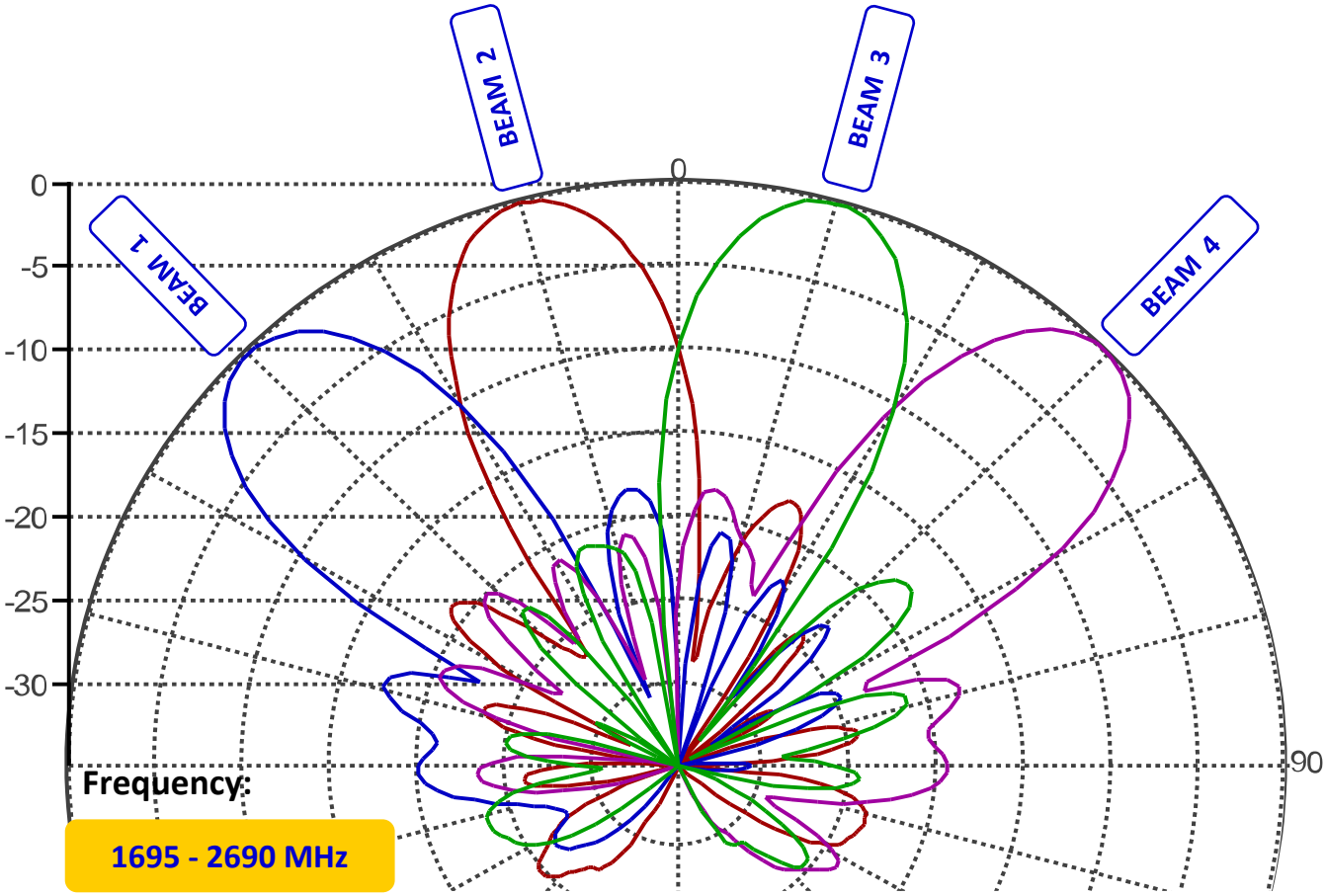
Revision History:

Date	*Description*	*Rev By*	*Check By*	*Rev no*
27-Oct-2026	*Initial Release*	*RL*	*Pavel*	*0*

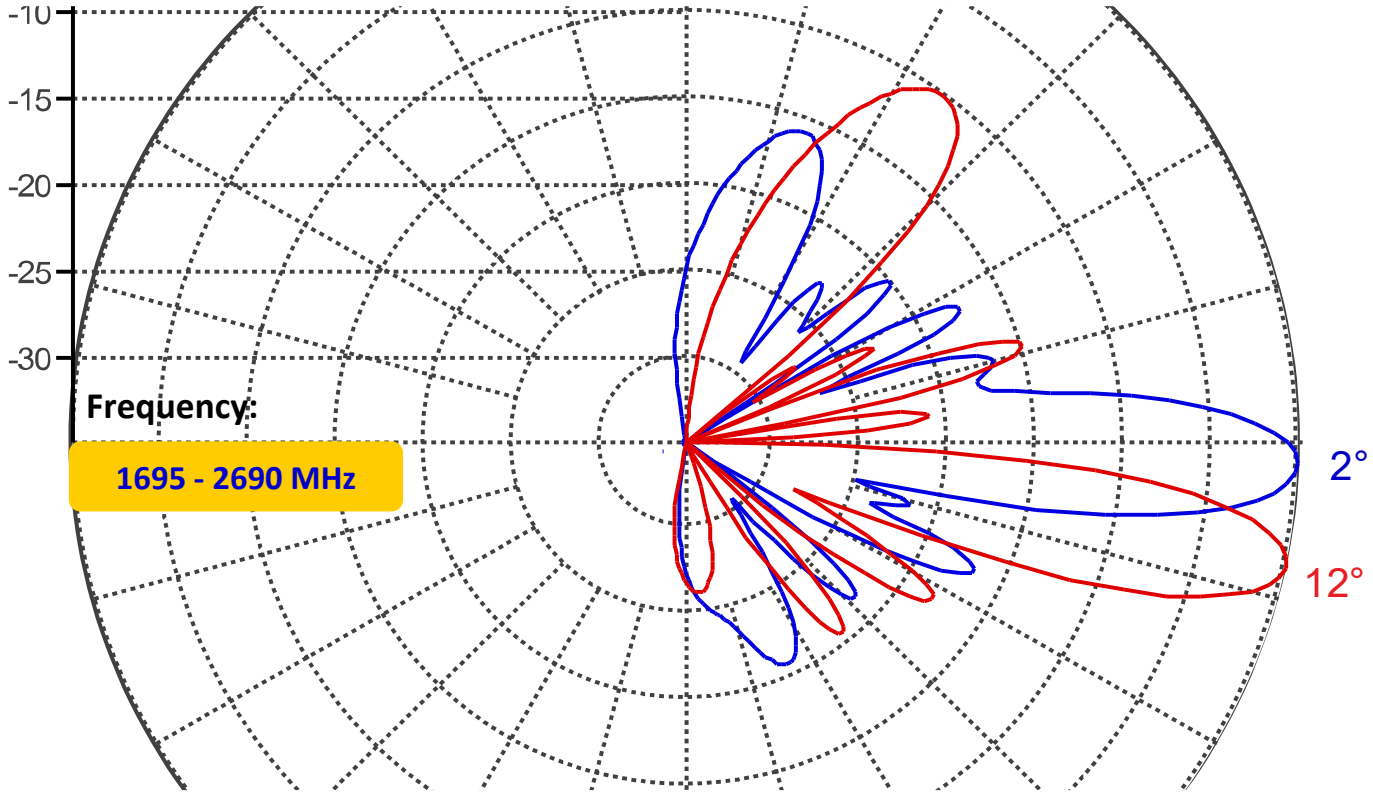
1.00 Pattern Diagram

1.10 High Band

1.11 Horizontal pattern

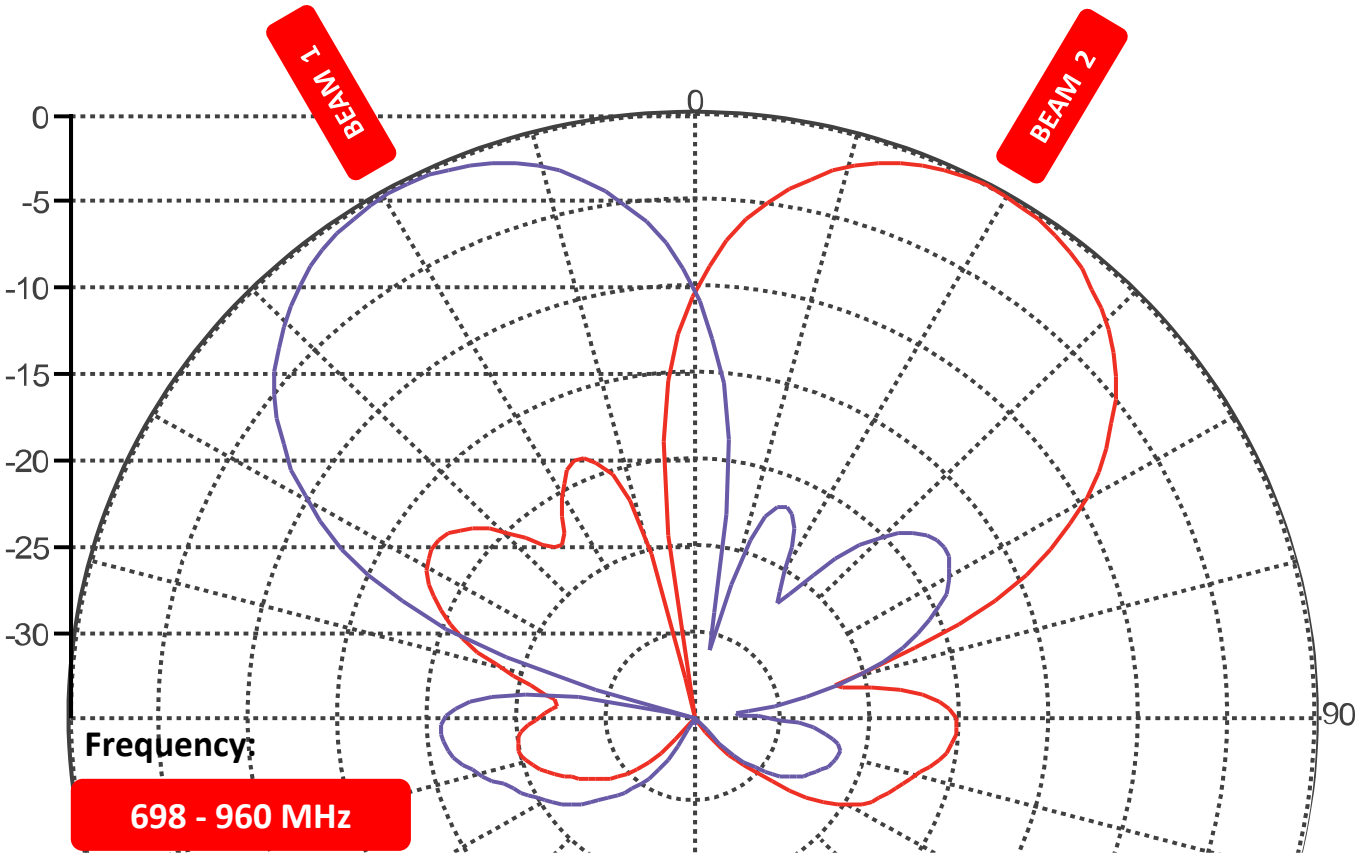


1.12 Vertical pattern

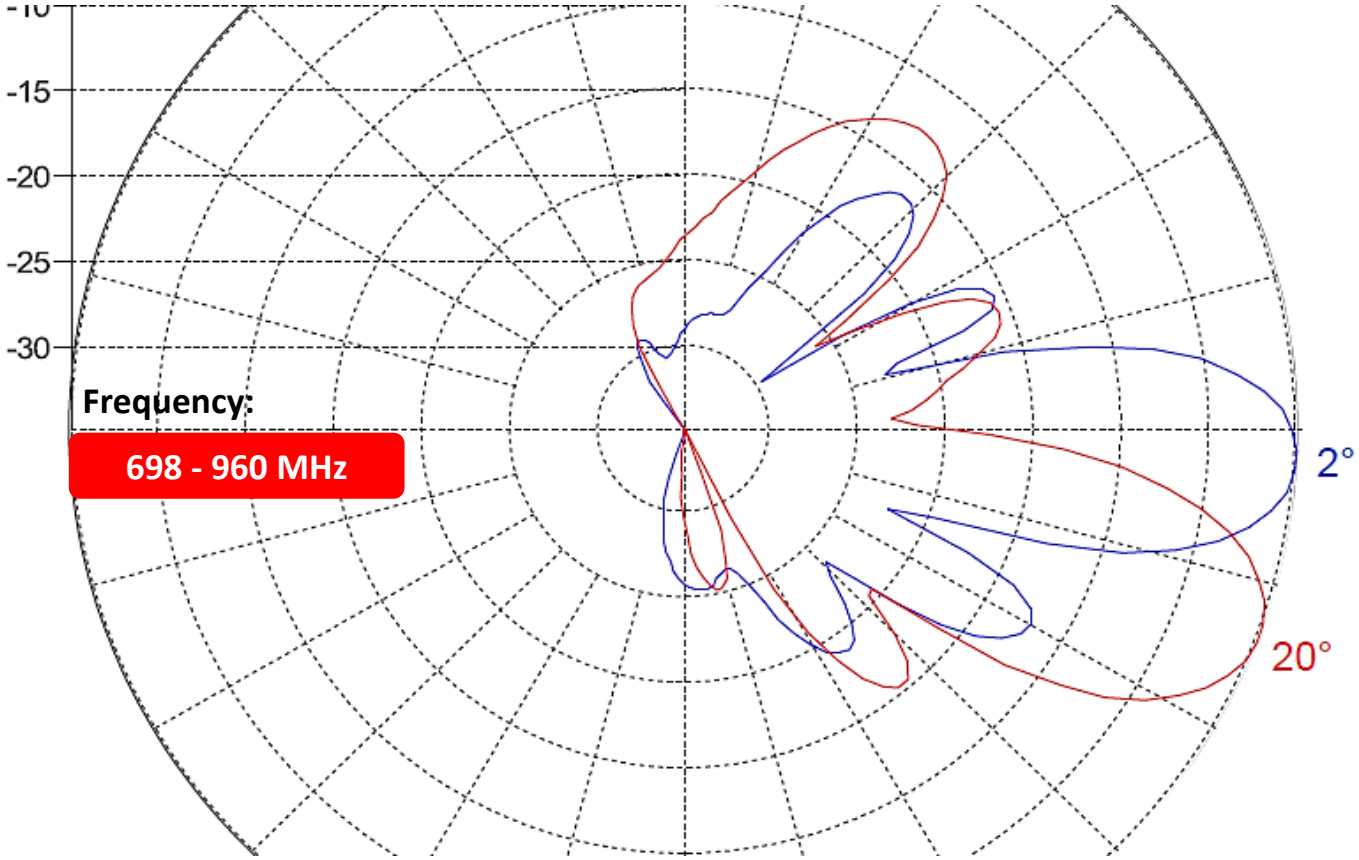


1.20 Low Band

1.21 Horizontal pattern

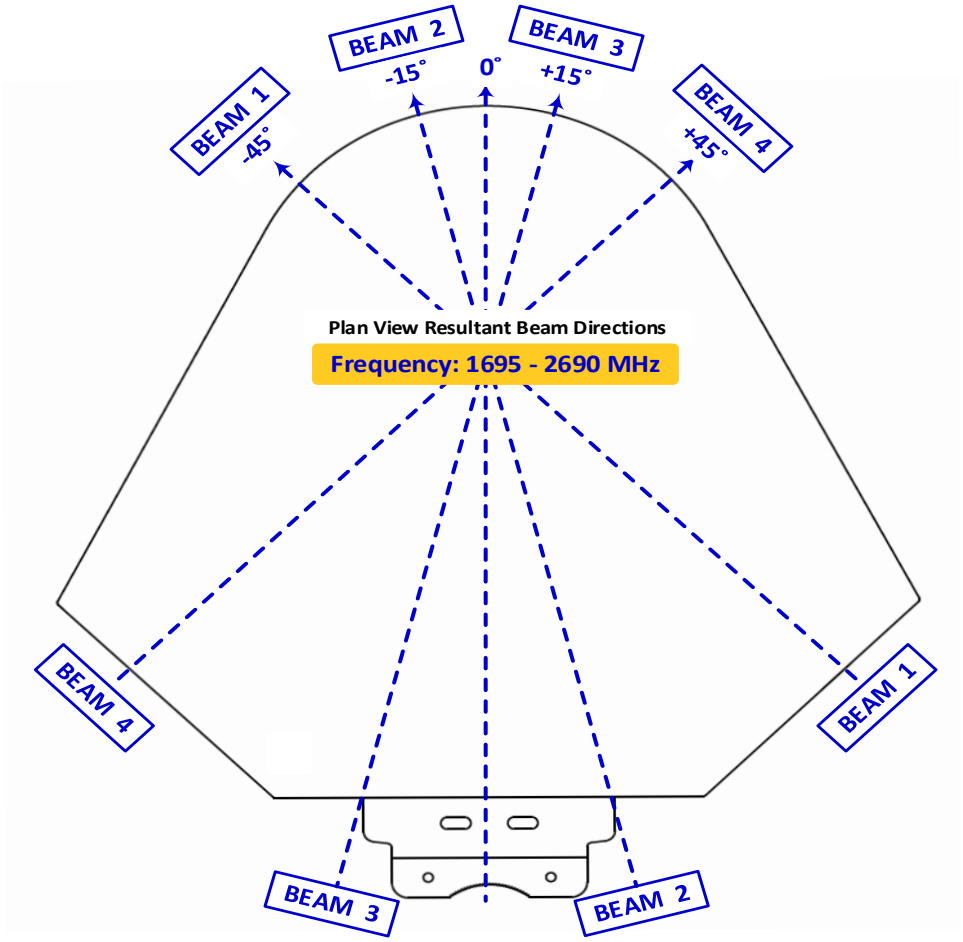


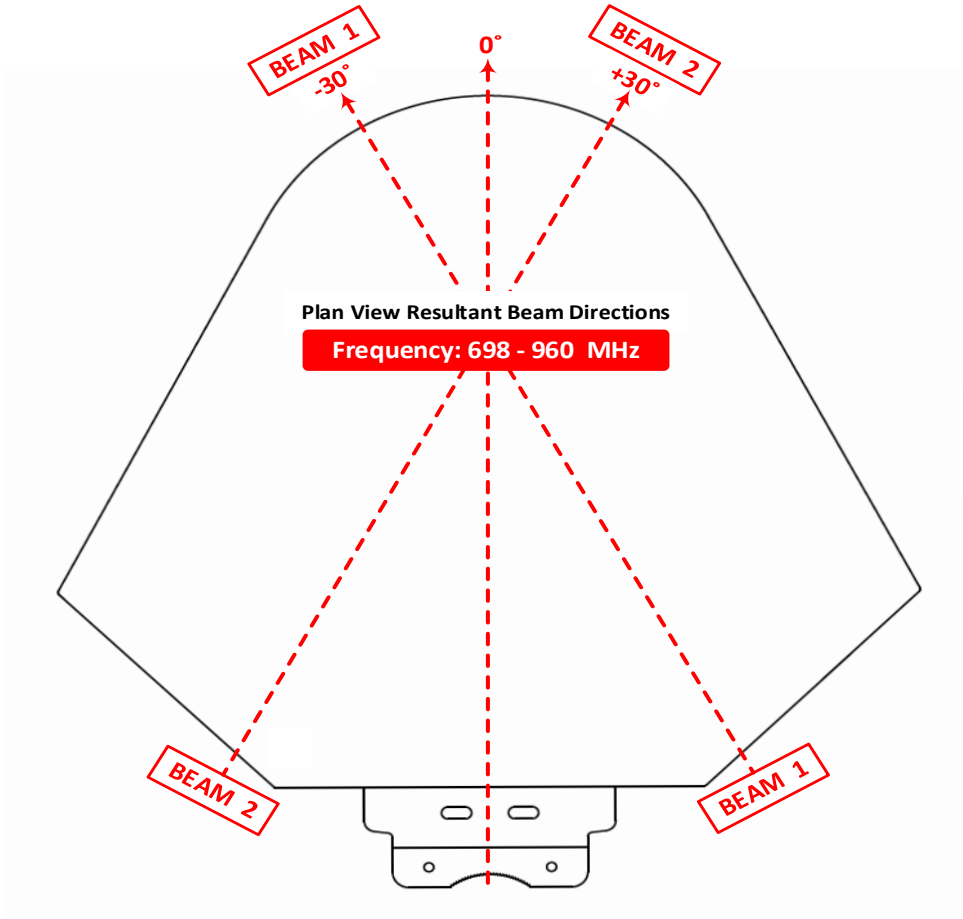
1.22 Vertical pattern



2.00 Beams and Connectors

2.10 Plan View Resultant Beam Layout



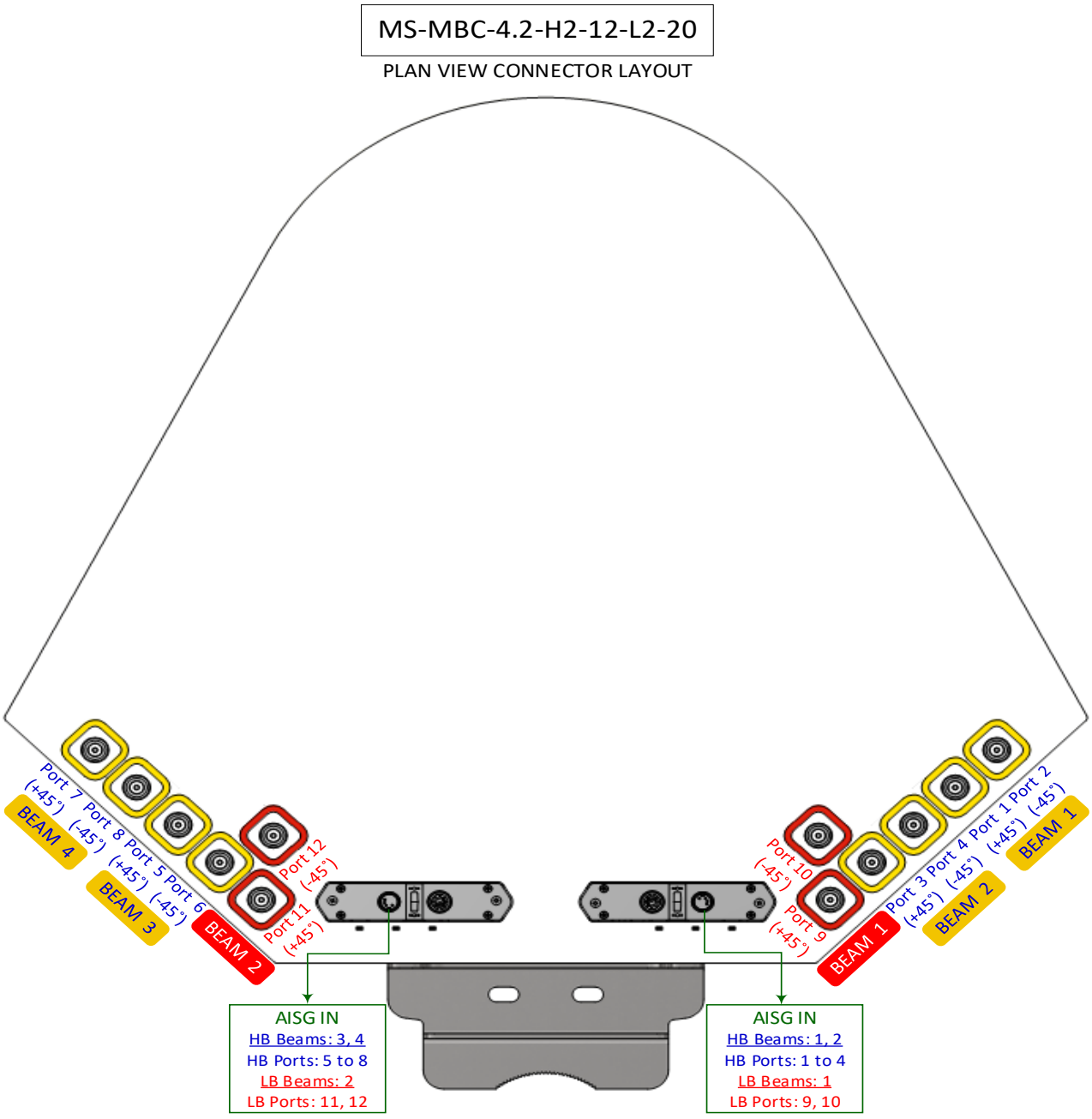


2.20 Connector Port Table

BEAM 4		BEAM 3		BEAM 2
Port 7 (+45°)	Port 8 (-45°)	Port 5 (+45°)	Port 6 (-45°)	Port 12 (-45°)
				Port 11 (+45°)

BEAM 1	BEAM 2		BEAM 1	
Port 10 (-45°)	Port 3 (+45°)	Port 4 (-45°)	Port 1 (+45°)	Port 2 (-45°)
Port 9(+45°)				

2.30 Connector Layout



3.00 Bracket Installation

3.10 Brackets, Bolts and Nuts

Bracket Qty	Bolts		Nuts Qty	FW Qty	SW Qty
	Size	Qty			
2	M12 x 250mm	4	20	12	12

Brackets



3.20 Tools

M12 spanner



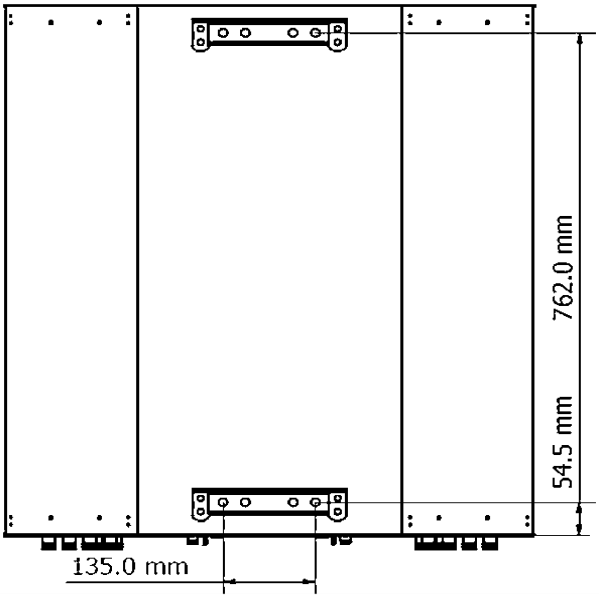
Adjustable spanner

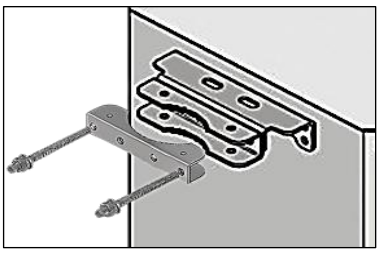


Bolts & Nuts



3.30 Bracket Spacing and Installation Sample





Before installation

