

MATSING[®]

LENS TECHNOLOGY ENABLED

MS-MBC-442-F2H2L2

Instruction Manual

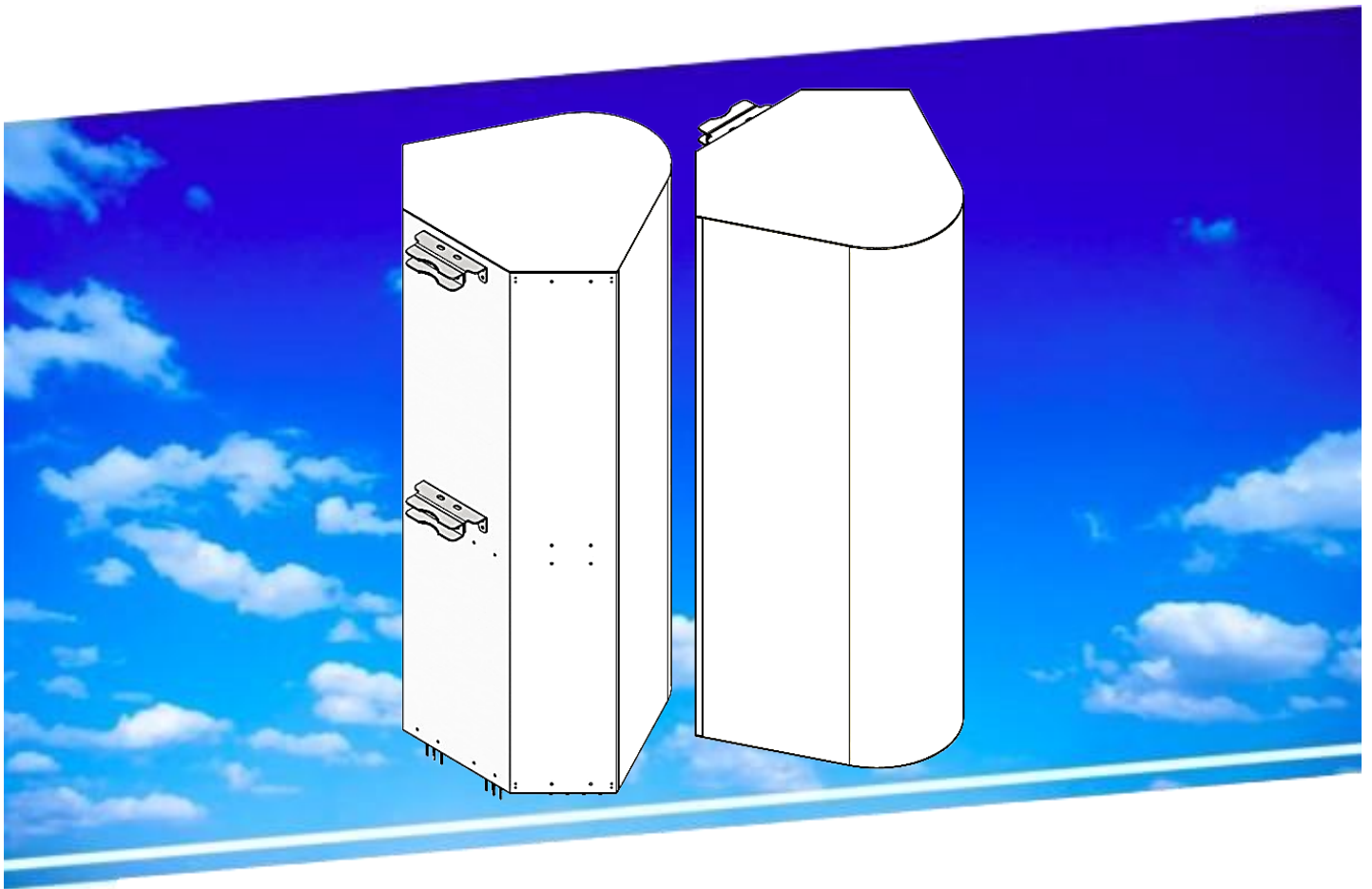


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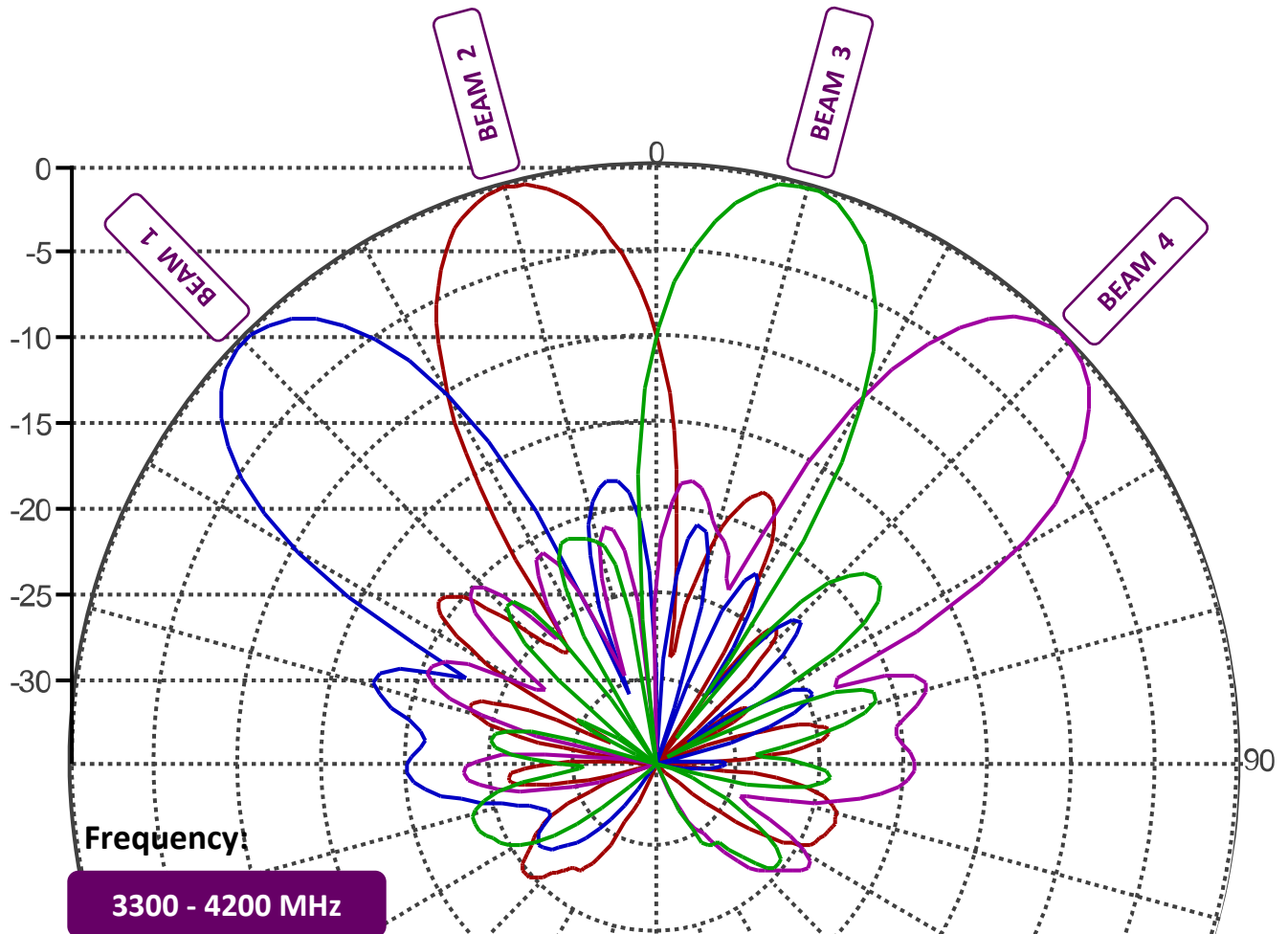
Revision History:

<u>Date</u>	<u>Description</u>	<u>Rev By</u>	<u>Check By</u>	<u>Rev no</u>
19-Aug-2025	Initial Release	RL	Pavel	0

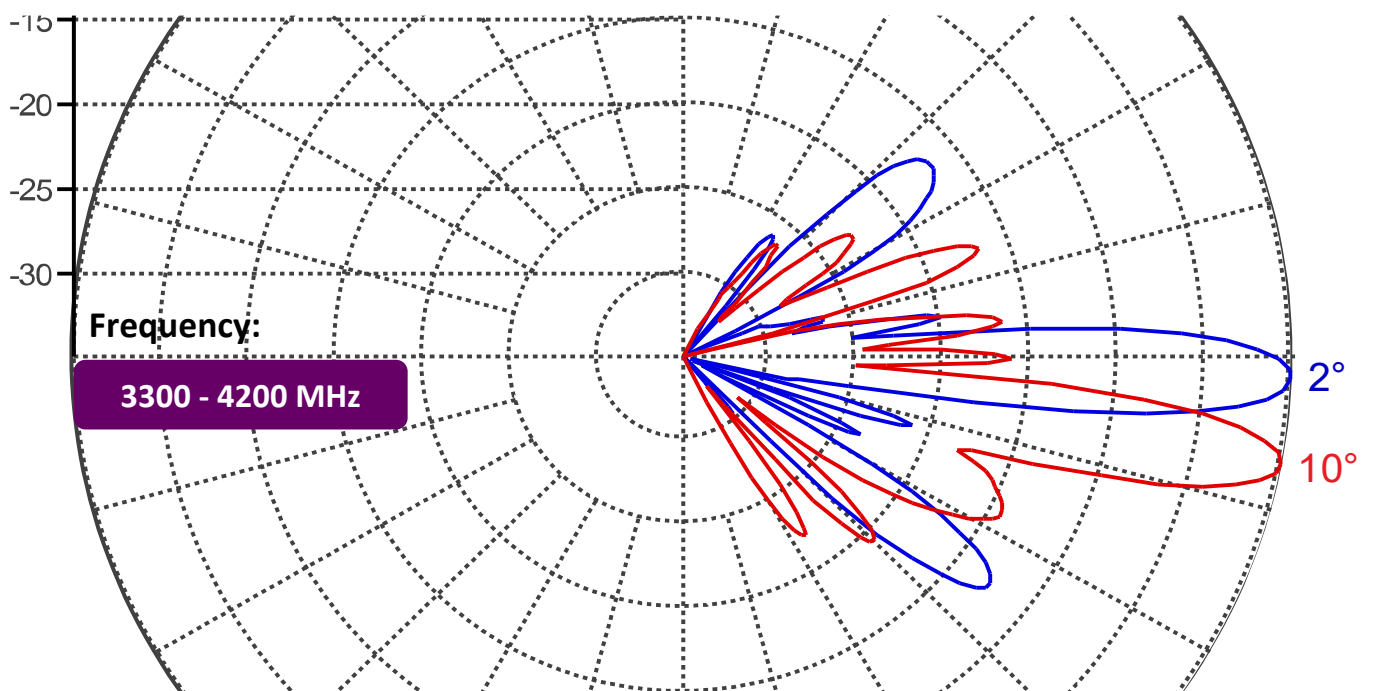
1.00 Pattern diagram

1.10 F-Band

1.11 Horizontal pattern

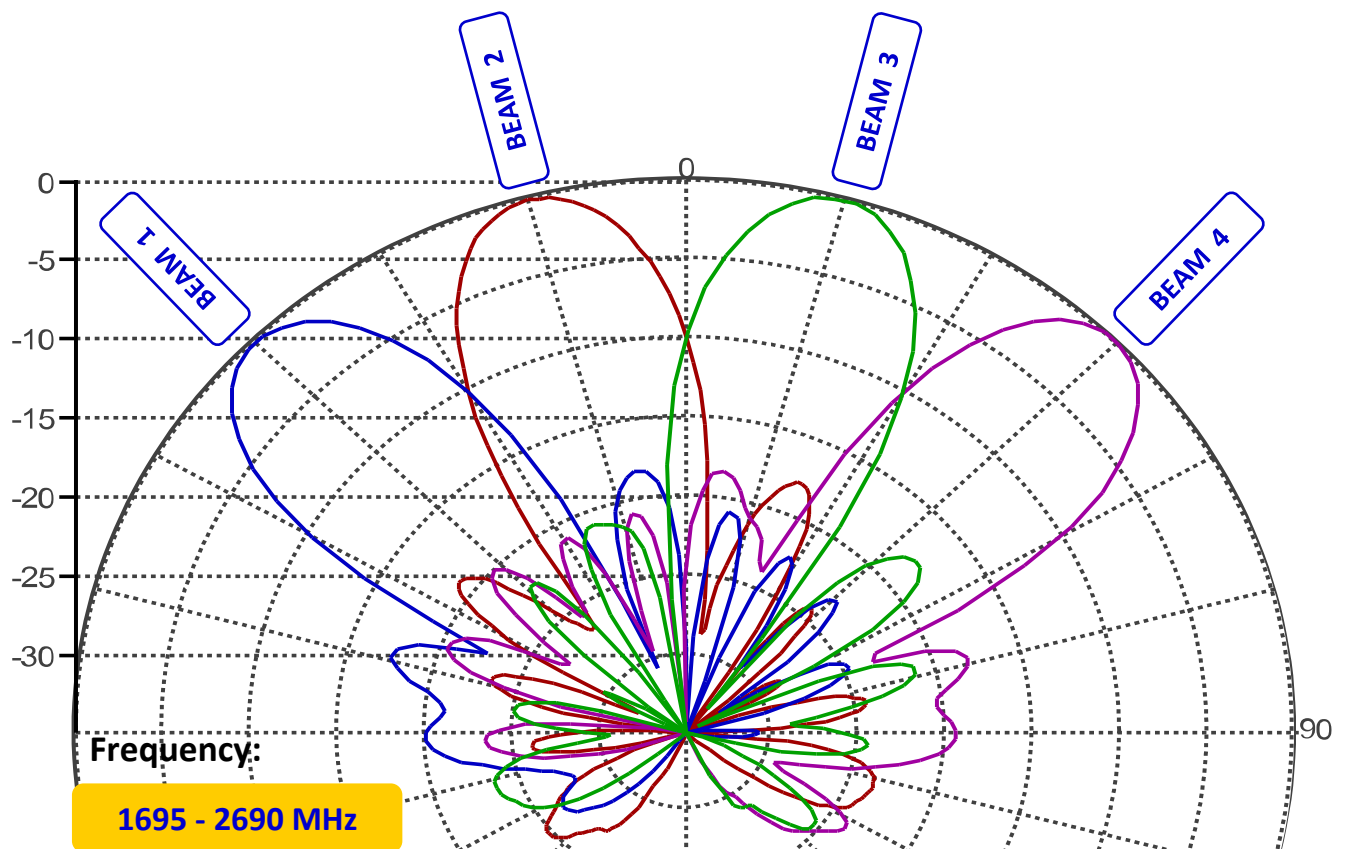


1.12 Vertical pattern

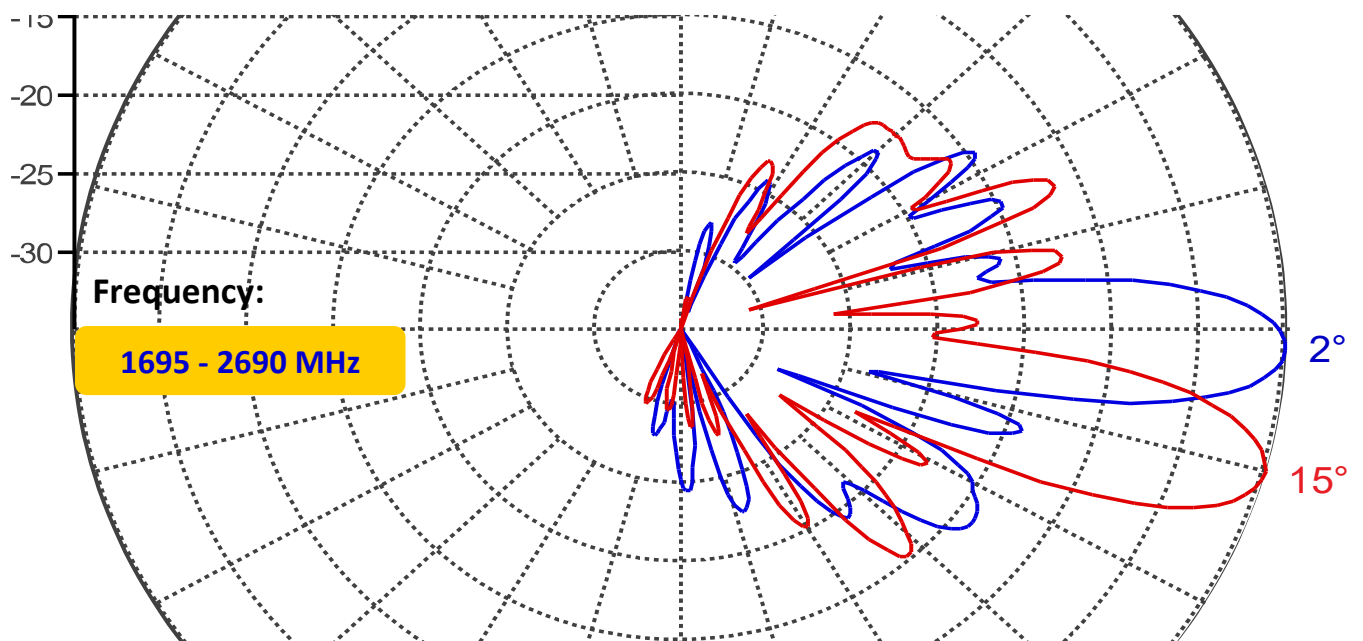


1.20 H-Band

1.21 Horizontal pattern

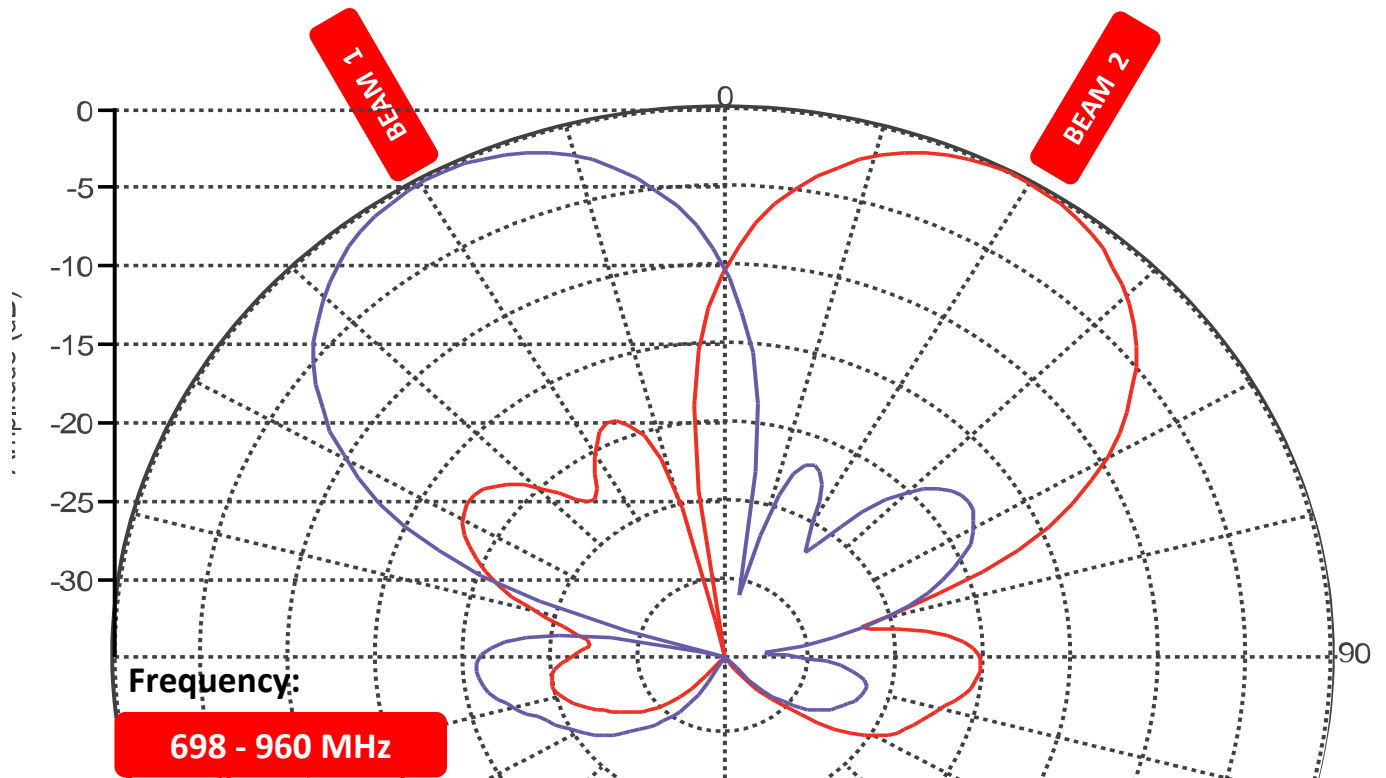


1.22 Vertical pattern

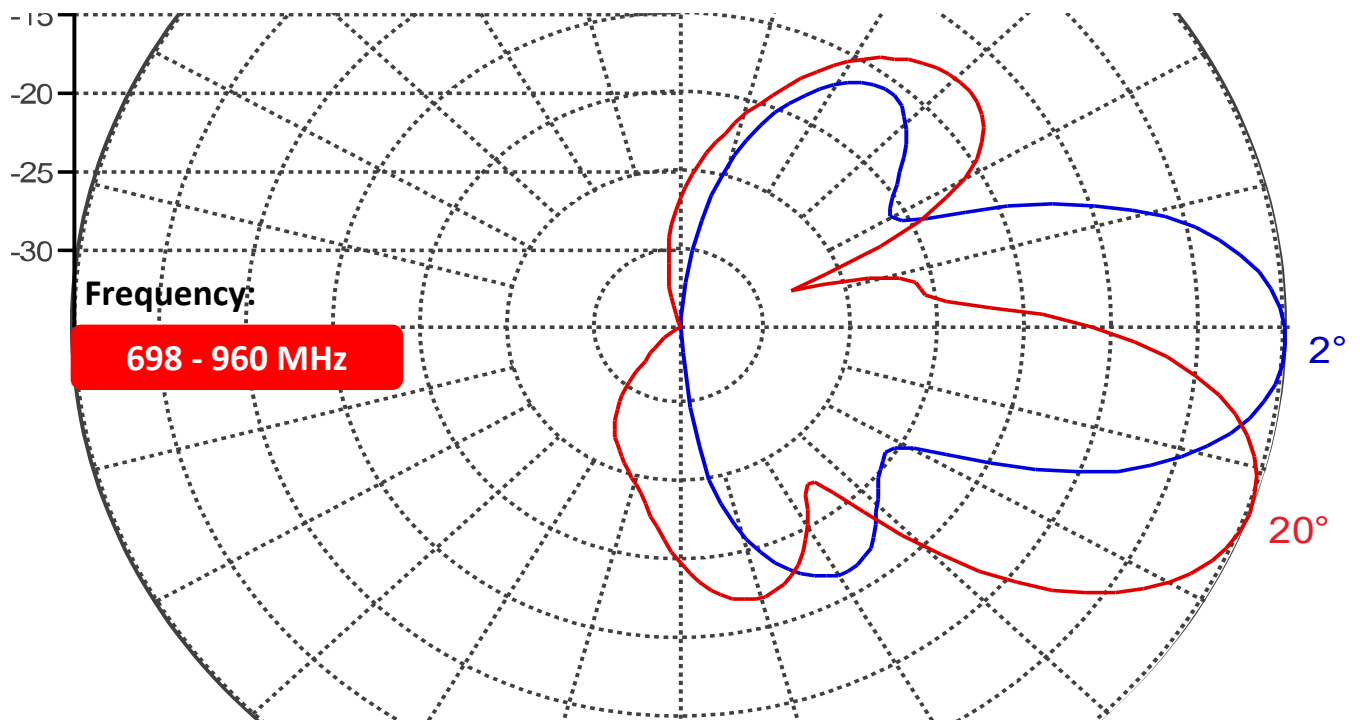


1.30 L-Band

1.31 Horizontal pattern

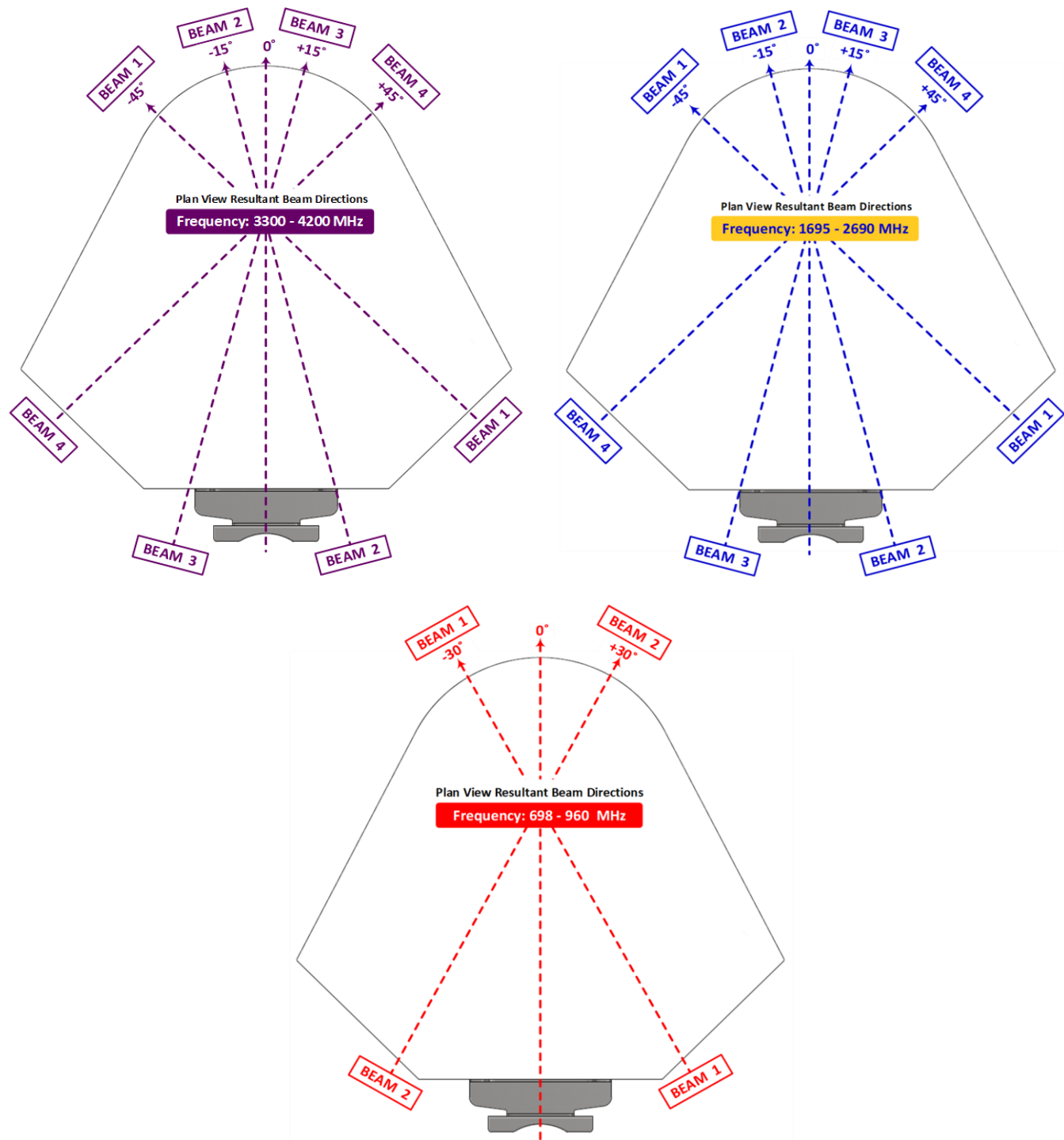


1.32 Vertical pattern



2.00 Beams and connectors

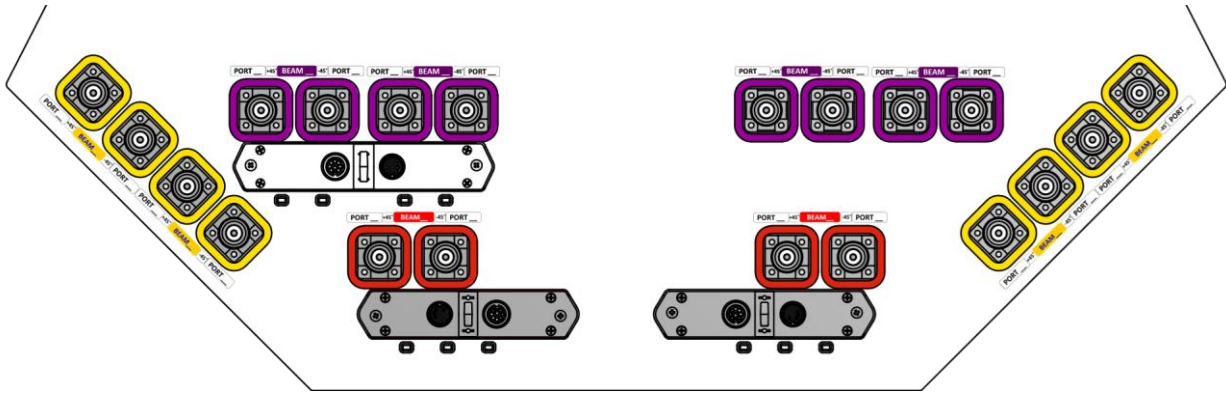
2.10 Plan view resultant beam layout



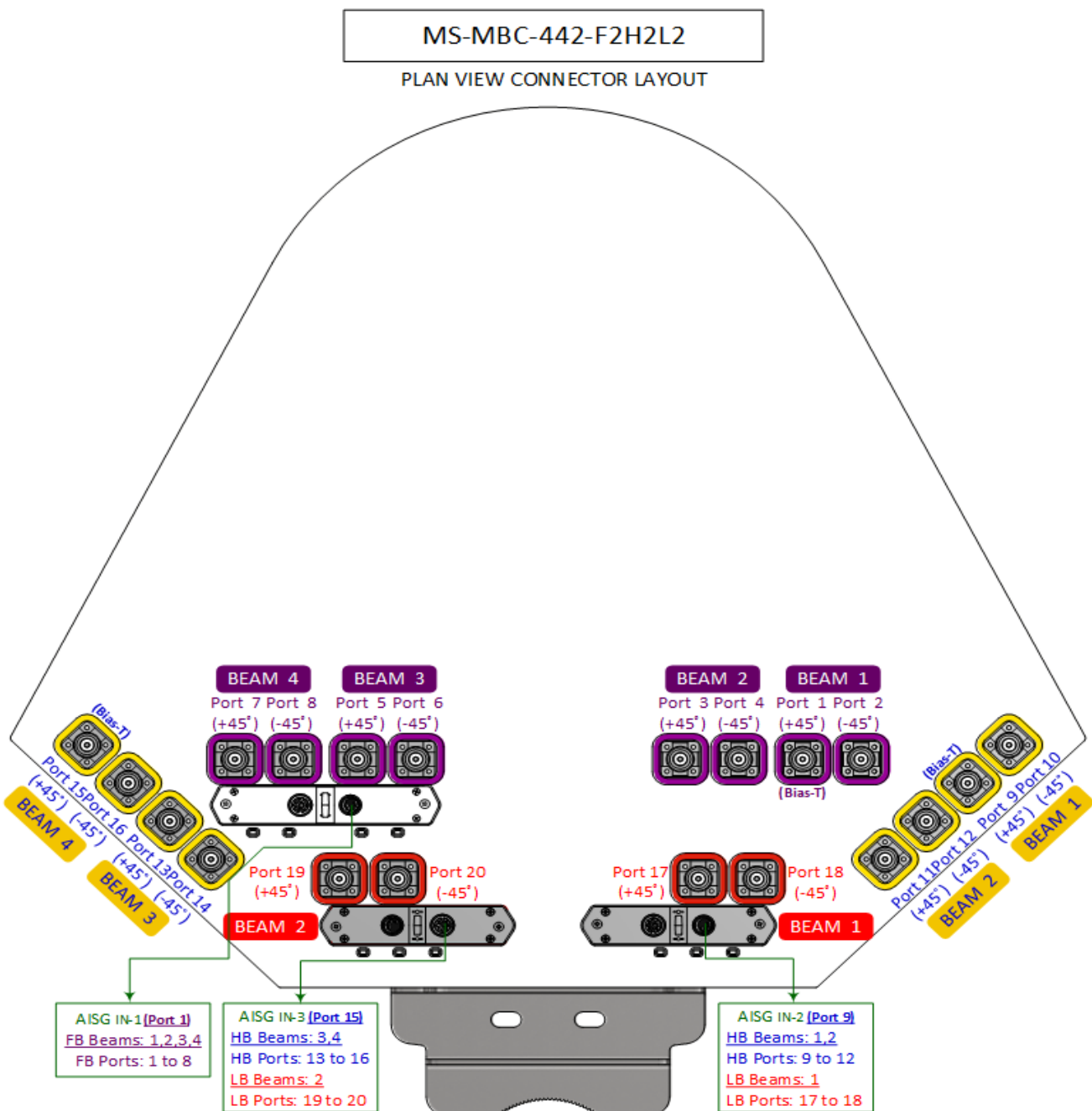
2.20 Connector port table

BEAM 4		BEAM 3		BEAM 2		BEAM 1	
Port 7	Port 8	Port 5	Port 6	Port 3	Port 4	Port 1	Port 2
(+45°)	(-45°)	(+45°)	(-45°)	(+45°)	(-45°)	(+45°)	(-45°)
BEAM 4		BEAM 3		BEAM 2		BEAM 1	
Port 15	Port 16	Port 13	Port 14	Port 11	Port 12	Port 9	Port 10
(+45°)	(-45°)	(+45°)	(-45°)	(+45°)	(-45°)	(+45°)	(-45°)
		BEAM 2		BEAM 1			
		Port 19	Port 20	Port 17	Port 18		
		(+45°)	(-45°)	(+45°)	(-45°)		

2.30 Connector detail



2.40 Connector layout



3.00 Bracket installation

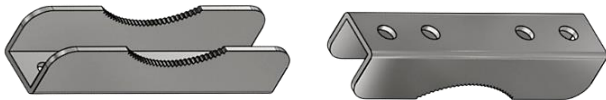
3.10 Bolts and nuts / tools

3.11 Bolt and nuts set

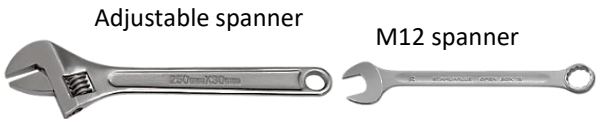


Bracket	Bolts		Nuts	
Qty	Size	Qty	Size	Qty
2	M12 x 200mm	4	M12	10

3.12 Bracket



3.20 Tools requirement



3.30 Bracket spacing and installation sample

