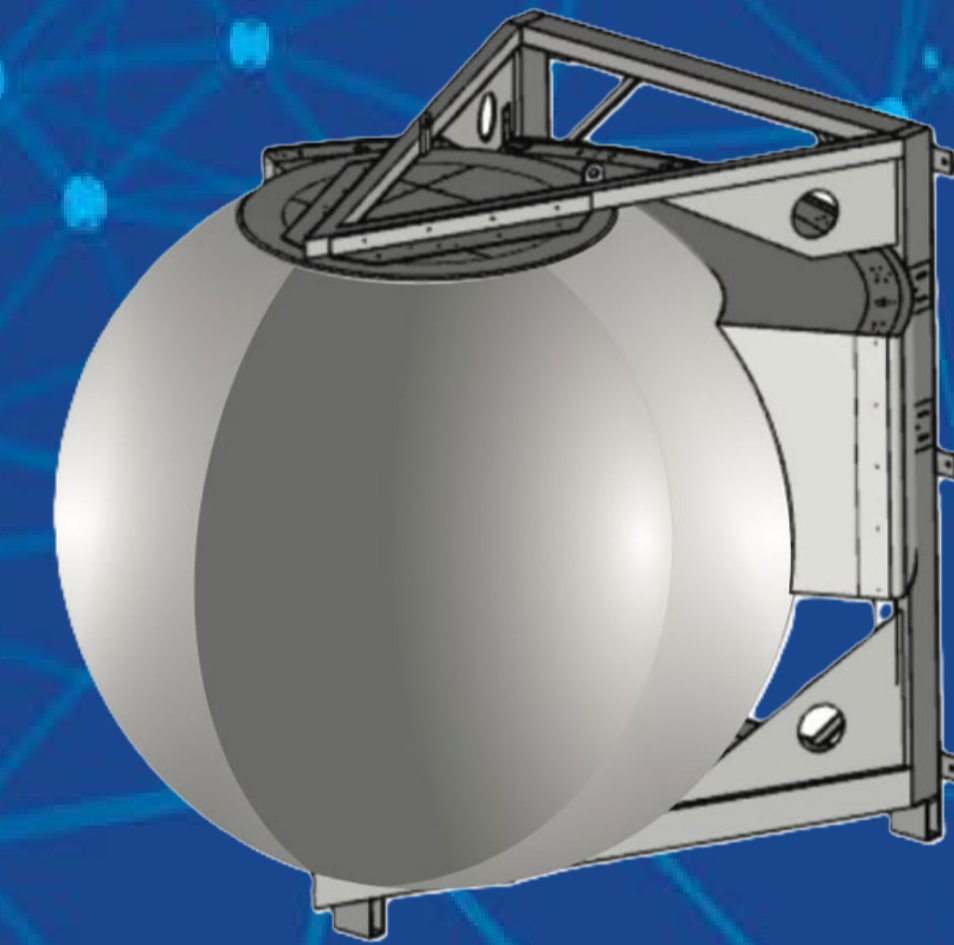


RRH Plumbing Diagrams

MS-6.3DB90

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MATSING[®]

LENS TECHNOLOGY ENABLED

Revision History

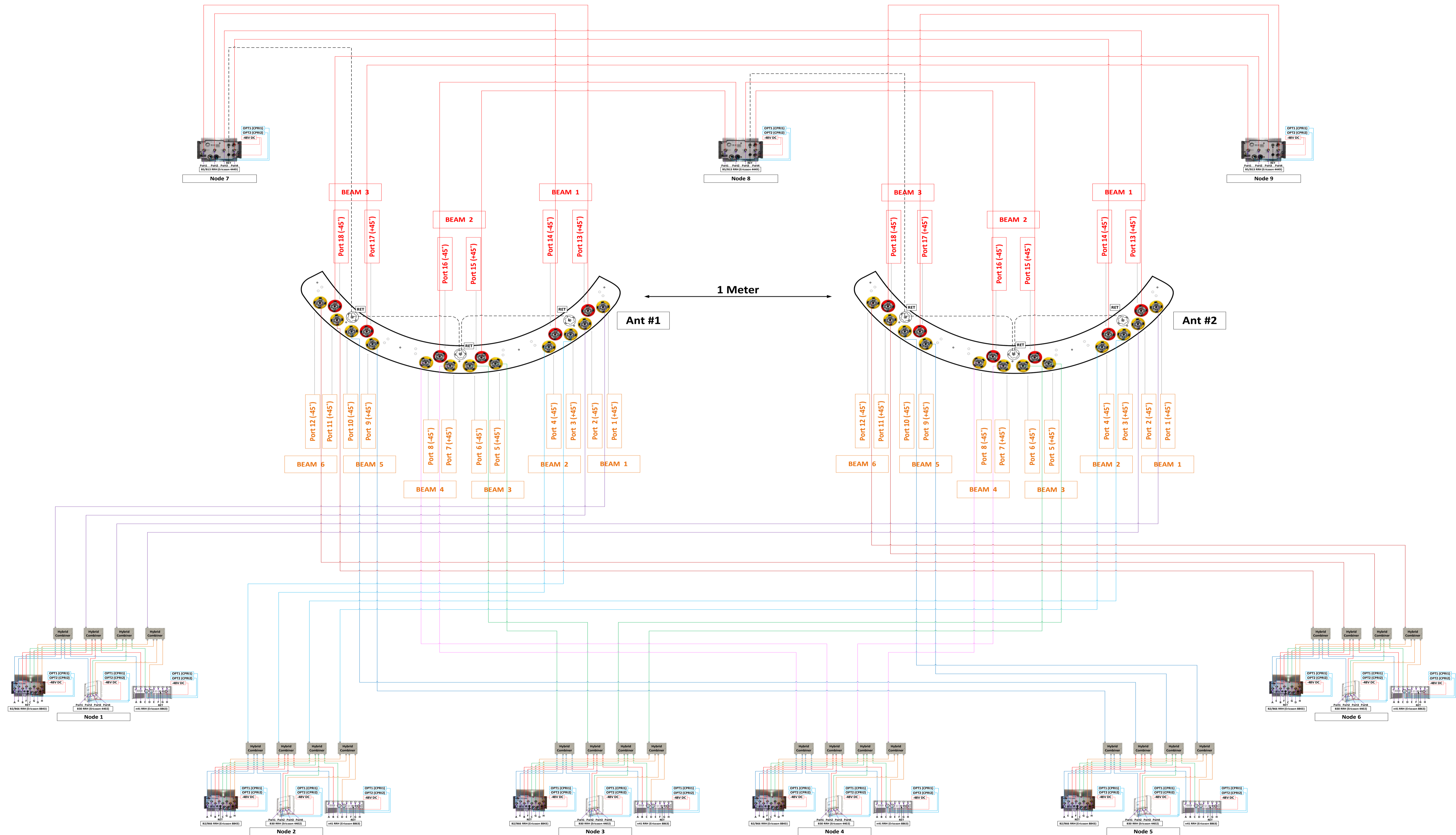
Revision	Date	Details
1	03/25/2025	Initial Release
2		
3		

Applicable RRH Models

Ericsson RRHs	Nokia RRHs	Samsung RRHs
PCS/AWS (Ericsson 8843)	PCS/AWS (Nokia AirScale AHFIB)	PCS/AWS (Samsung RF4402D-D1A)
WCS (Ericsson 4402)	BRS (Nokia AirScale AZHL)	700/850 (Samsung RFV01U-D2A)
BRS (Ericsson 8863)	700 (Nokia AirScale AHLBA)	
700/850 (Ericsson 4449)		

Both antennas, beam-to-beam, must have the same tilt for the MIMO4x4 to work

REAR VIEW



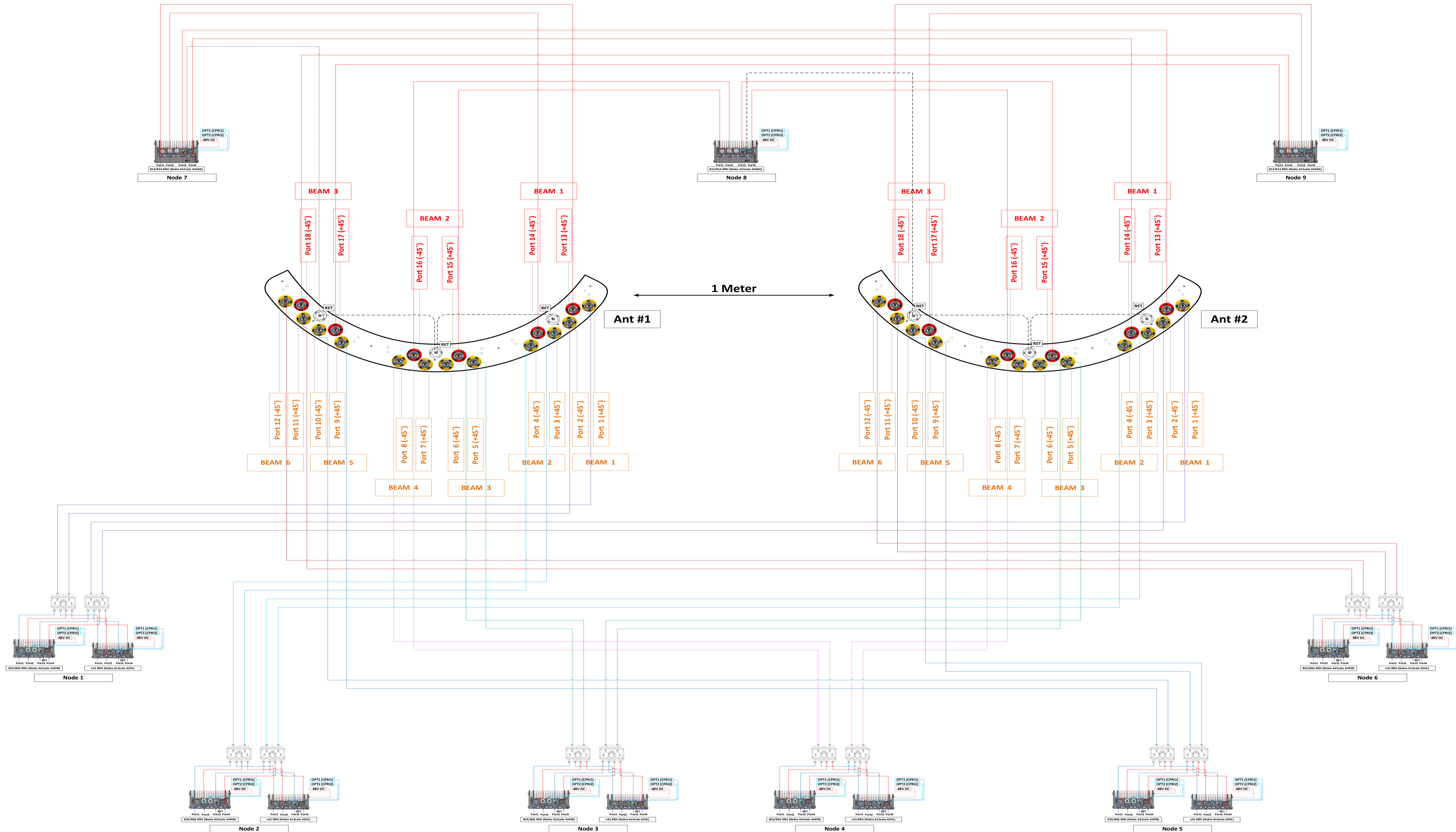
Ericsson Port Mapping

MS-6.3DB90	Node 1: B2/B66 RRH (Ericsson 8843), B30 RRH (Ericsson 4402) and n41 RRH (Ericsson 8863)		Node 2: B2/B66 RRH (Ericsson 8843), B30 RRH (Ericsson 4402) and n41 RRH (Ericsson 8863)		Node 3: B2/B66 RRH (Ericsson 8843), B30 RRH (Ericsson 4402) and n41 RRH (Ericsson 8863)		Node 4: B2/B66 RRH (Ericsson 8843), B30 RRH (Ericsson 4402) and n41 RRH (Ericsson 8863)		Node 5: B2/B66 RRH (Ericsson 8843), B30 RRH (Ericsson 4402) and n41 RRH (Ericsson 8863)		Node 6: B2/B66 RRH (Ericsson 8843), B30 RRH (Ericsson 4402) and n41 RRH (Ericsson 8863)		Node 7: B5/B13 RRH (Ericsson 4449)		Node 8: B5/B13 RRH (Ericsson 4449)		Node 9: B5/B13 RRH (Ericsson 4449)		
	ANT #1	ANT #2	ANT #1	ANT #2	ANT #1	ANT #2	ANT #1	ANT #2	ANT #1	ANT #2	ANT #1	ANT #2	ANT #1	ANT #2	ANT #1	ANT #2	ANT #1	ANT #2	
Port 1	A-E/Port1/A	C-G/Port3/C																	
Port 2	B-F/Port2/B	D-H/Port4/D																	
Port 3			A-E/Port1/A	C-G/Port3/C															
Port 4			B-F/Port2/B	D-H/Port4/D															
Port 5					A-E/Port1/A	C-G/Port3/C													
Port 6					B-F/Port2/B	D-H/Port4/D													
Port 7							A-E/Port1/A	C-G/Port3/C											
Port 8							B-F/Port2/B	D-H/Port4/D											
Port 9									A-E/Port1/A	C-G/Port3/C									
Port 10									B-F/Port2/B	D-H/Port4/D									
Port 11											A-E/Port1/A	C-G/Port3/C							
Port 12											B-F/Port2/B	D-H/Port4/D							
Port 13													Port1	Port3					
Port 14													Port2	Port4					
Port 15															Port1	Port3			
Port 16															Port2	Port4			
Port 17																	Port1	Port3	
Port 18																	Port2	Port4	
RET														RET					
RET																	RET		

MS-6.3DB90 with B25/B66, n41 and B12/B14 (Nokia AirScale AHFIB-AZHL-AHLBA)

Both antennas, beam-to-beam, must have the same tilt for the MIMO4x4 to work

REAR VIEW



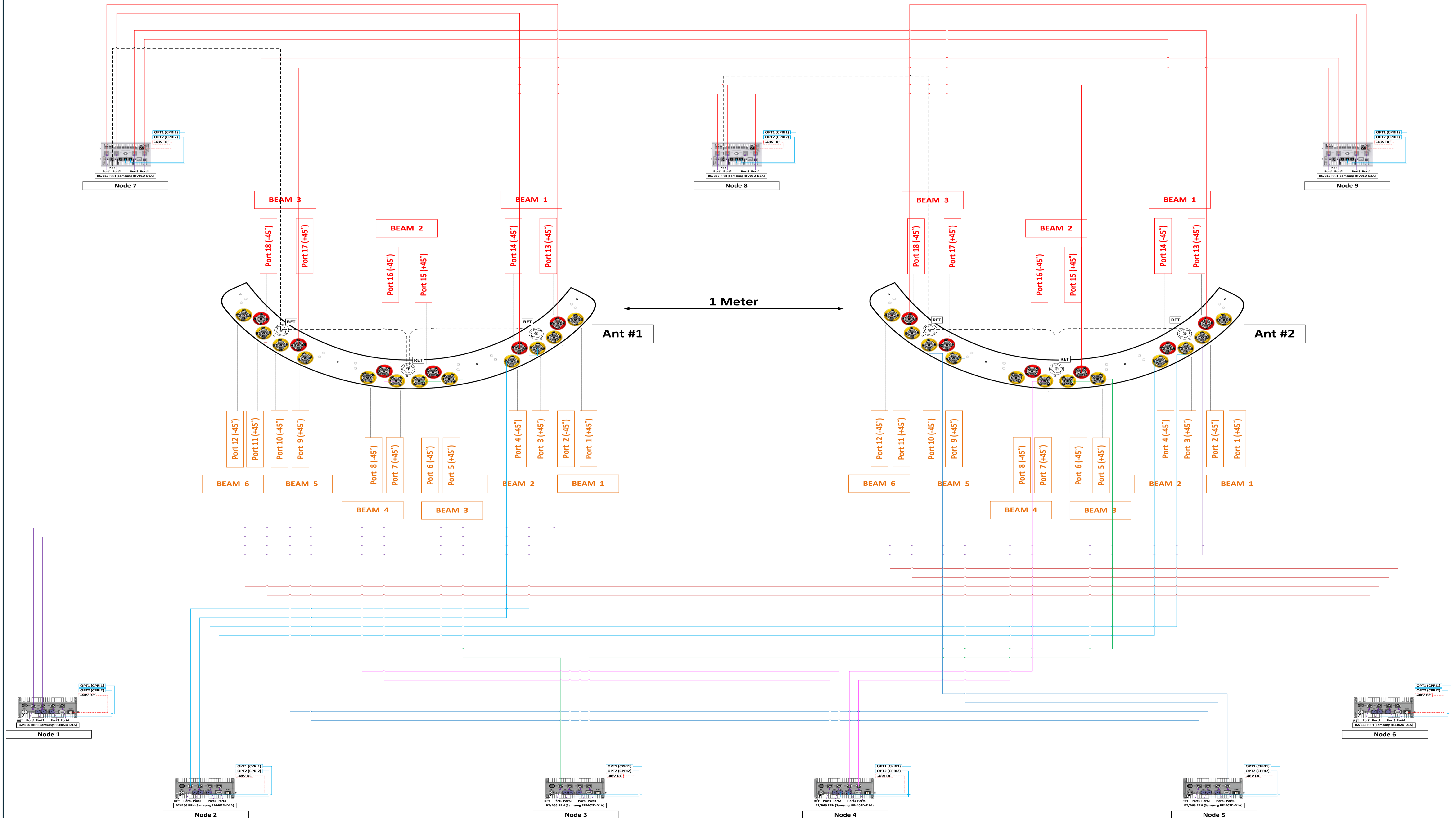
Nokia Port Mapping

MS-6.3DB90	Node 1: B2/B66 RRH (Nokia AirScale AHFIB) and n41 RRH (Nokia AZHL)		Node 2: B2/B66 RRH (Nokia AirScale AHFIB) and n41 RRH (Nokia AZHL)		Node 3: B2/B66 RRH (Nokia AirScale AHFIB) and n41 RRH (Nokia AZHL)		Node 4: B2/B66 RRH (Nokia AirScale AHFIB) and n41 RRH (Nokia AZHL)		Node 5: B2/B66 RRH (Nokia AirScale AHFIB) and n41 RRH (Nokia AZHL)		Node 6: B2/B66 RRH (Nokia AirScale AHFIB) and n41 RRH (Nokia AZHL)		Node 7: B12/B14 RRH (Nokia AirScale AHLBA)		Node 8: B12/B14 RRH (Nokia AirScale AHLBA)		Node 9: B12/B14 RRH (Nokia AirScale AHLBA)	
	ANT #1	ANT #2	ANT #1	ANT #2	ANT #1	ANT #2	ANT #1	ANT #2	ANT #1	ANT #2	ANT #1	ANT #2	ANT #1	ANT #2	ANT #1	ANT #2	ANT #1	ANT #2
Port 1	Port1-Port1	Port3-Port3																
Port 2	Port2-Port2	Port4-Port4																
Port 3			Port1-Port1	Port3-Port3														
Port 4			Port2-Port2	Port4-Port4														
Port 5					Port1-Port1	Port3-Port3												
Port 6					Port2-Port2	Port4-Port4												
Port 7							Port1-Port1	Port3-Port3										
Port 8							Port2-Port2	Port4-Port4										
Port 9									Port1-Port1	Port3-Port3								
Port 10									Port2-Port2	Port4-Port4								
Port 11											Port1-Port1	Port3-Port3						
Port 12											Port2-Port2	Port4-Port4						
Port 13													Port1	Port3				
Port 14													Port2	Port4				
Port 15															Port1	Port3		
Port 16															Port2	Port4		
Port 17																	Port1	Port3
Port 18																	Port2	Port4
RET														RET				
RET																	RET	

MS-6.3DB90 with B2/B66 and B5/B13 RRH (Samsung RF4402D-D1A – RFV01U-D2A)

Both antennas, beam-to-beam, must have the same tilt for the MIMO4x4 to work

REAR VIEW



Samsung Port Mapping

MS-6.3DB90	Node 1: B2/B66 RRH (Samsung RF4402D-D1A)		Node 2: B2/B66 RRH (Samsung RF4402D-D1A))		Node 3: B2/B66 RRH (Samsung RF4402D-D1A)		Node 4: B2/B66 RRH (Samsung RF4402D-D1A)		Node 5: B2/B66 RRH (Samsung RF4402D-D1A)		Node 6: B2/B66 RRH (Samsung RF4402D-D1A)		Node 7: B5/B13 RRH (Samsung RFV01U-D2A)		Node 8: B5/B13 RRH (Samsung RFV01U-D2A)		Node 9: B5/B13 RRH (Samsung RFV01U-D2A)	
	ANT #1	ANT #2	ANT #1	ANT #2	ANT #1	ANT #2	ANT #1	ANT #2	ANT #1	ANT #2	ANT #1	ANT #2	ANT #1	ANT #2	ANT #1	ANT #2	ANT #1	ANT #2
Port 1	Port1	Port3																
Port 2	Port2	Port4																
Port 3			Port1	Port3														
Port 4			Port2	Port4														
Port 5					Port1	Port3												
Port 6					Port2	Port4												
Port 7							Port1	Port3										
Port 8							Port2	Port4										
Port 9									Port1	Port3								
Port 10									Port2	Port4								
Port 11											Port1	Port3						
Port 12											Port2	Port4						
Port 13													Port1	Port3				
Port 14													Port2	Port4				
Port 15															Port1	Port3		
Port 16															Port2	Port4		
Port 17																	Port1	Port3
Port 18																	Port2	Port4
RET														RET				
RET																	RET	