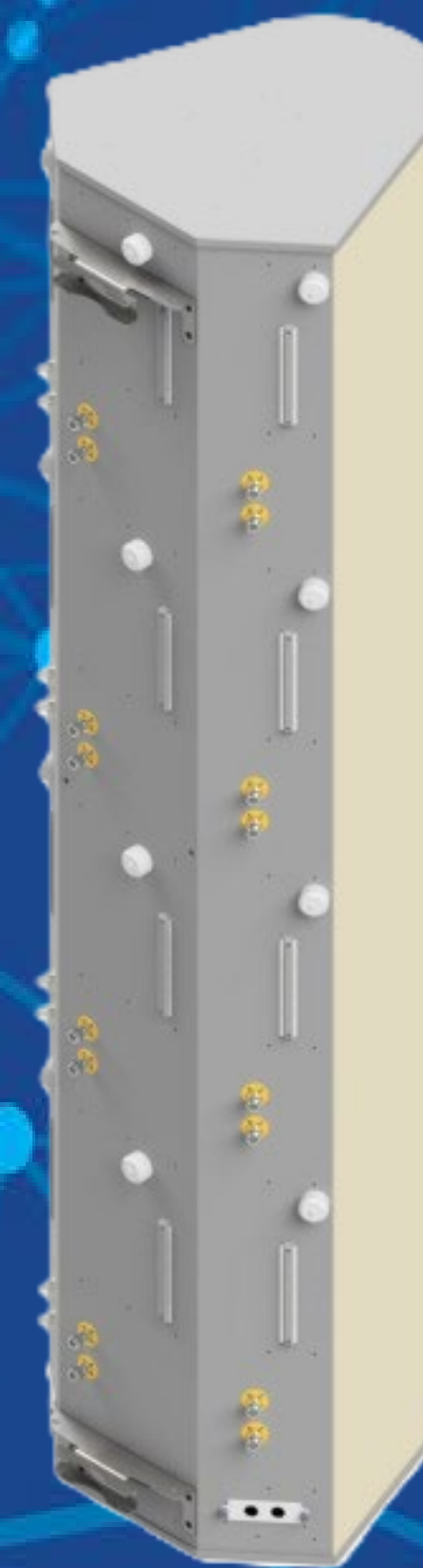


RRH Plumbing Diagrams

MS-MBA-3-H8A2

Table of contents

1. Table of contents
2. Revision History
3. Applicable RRH Models
4. Ericsson Diagram Scenario – I (4T4R)
5. Ericsson Port Mapping Scenario – I (4T4R)
6. Ericsson Diagram Scenario – II (4T8R)
7. Ericsson Port Mapping Scenario – II (4T8R)
8. Nokia Diagram Scenario – I (4T4R)
9. Nokia Port Mapping Scenario – I (4T4R)
10. Nokia Diagram Scenario – II Multicast (4T8R)
11. Nokia Port Mapping Scenario – II Multicast (4T8R)
12. Samsung Diagram Scenario – I (4T4R)
13. Samsung Port Mapping Scenario – I (4T4R)
14. Samsung Diagram Scenario – II (4T8R)
15. Samsung Port Mapping Scenario – II (4T8R)



MATSING[®]

LENS TECHNOLOGY ENABLED

Revision History

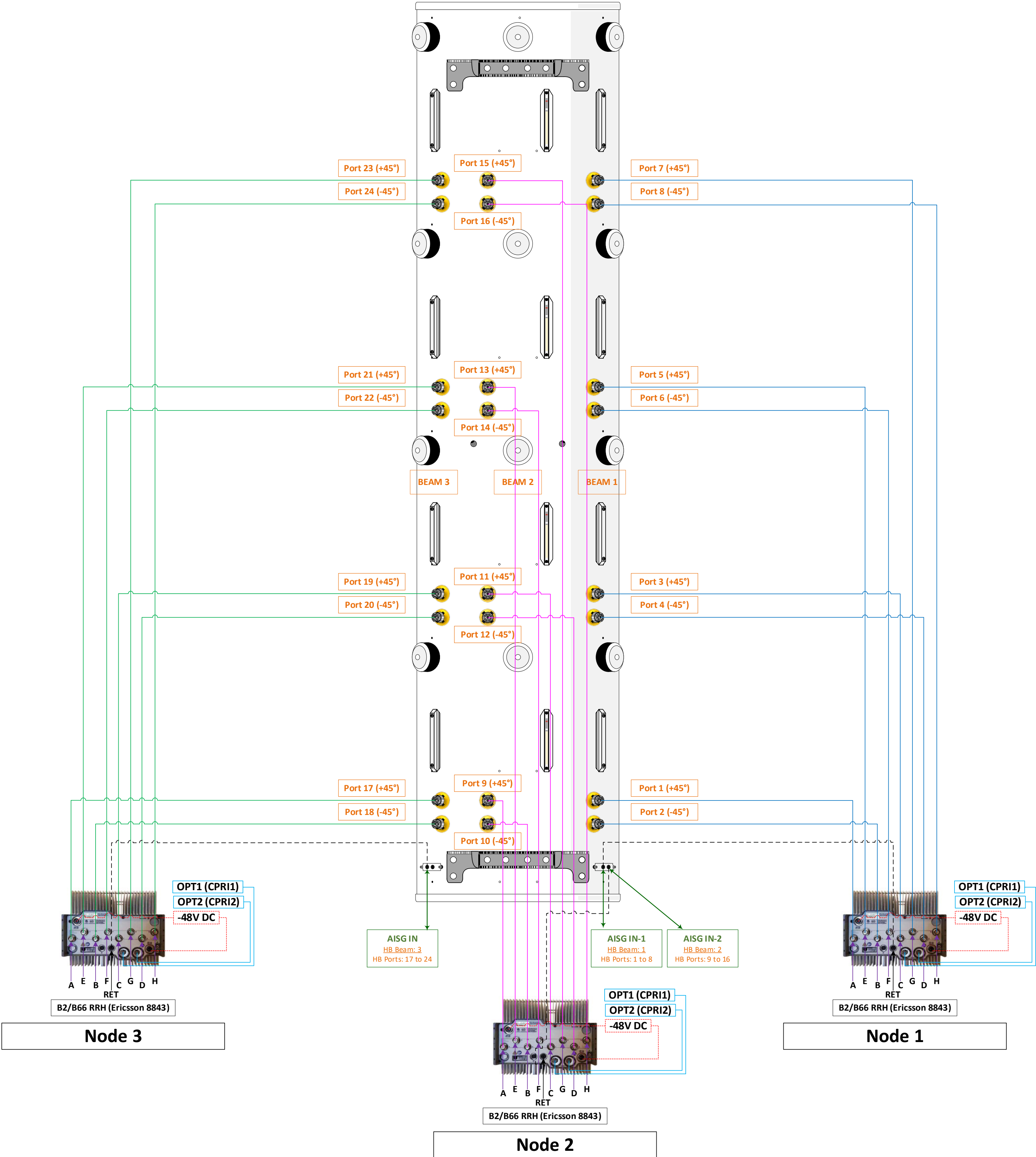
Revision	Date	Details
1	07/10/2025	Initial Release
2	07/16/2025	Update of radios and diagrams
3		

Applicable RRH Models

Ericsson RRHs	Nokia RRHs	Samsung RRHs
PCS/AWS (Ericsson 8843)	PCS/AWS (Nokia AirScale AHFIB)	PCS/AWS (Samsung RF4801d25A)

MS-MBA-3-H8A2 with B2/B66 RRH (Ericsson 8843)

REAR VIEW

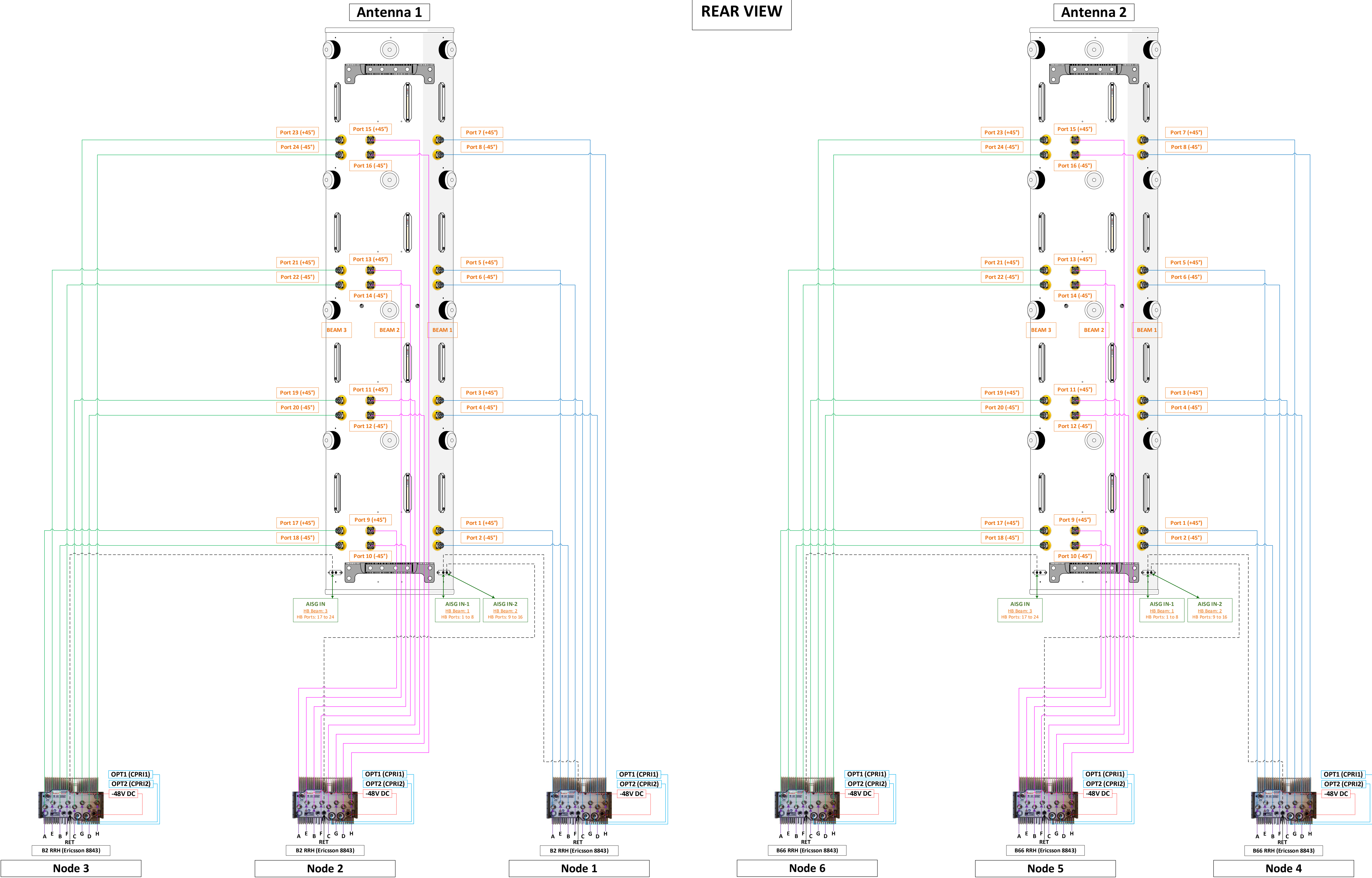


Ericsson Port Mapping

MS-MBA-3-H8A2	Node 1: B2/B66 RRH (Ericsson 8843)	Node 2: B2/B66 RRH (Ericsson 8843)	Node 3: B2/B66 RRH (Ericsson 8843)
Port 1	A (B2:Tx/Rx)		
Port 2	B (B2:Tx/Rx)		
Port 3	C (B2:Tx/Rx)		
Port 4	D (B2:Tx/Rx)		
Port 5	E (B66:Tx/Rx)		
Port 6	F (B66:Tx/Rx)		
Port 7	G (B66:Tx/Rx)		
Port 8	H (B66:Tx/Rx)		
Port 9		A (B2:Tx/Rx)	
Port 10		B (B2:Tx/Rx)	
Port 11		C (B2:Tx/Rx)	
Port 12		D (B2:Tx/Rx)	
Port 13		E (B66:Tx/Rx)	
Port 14		F (B66:Tx/Rx)	
Port 15		G (B66:Tx/Rx)	
Port 16		H (B66:Tx/Rx)	
Port 17			A (B2:Tx/Rx)
Port 18			B (B2:Tx/Rx)
Port 19			C (B2:Tx/Rx)
Port 20			D (B2:Tx/Rx)
Port 21			E (B66:Tx/Rx)
Port 22			F (B66:Tx/Rx)
Port 23			G (B66:Tx/Rx)
Port 24			H (B66:Tx/Rx)
AISG IN- 1	RET		
AISG IN- 2		RET	
AISG IN			RET

MS-MBA-3-H8A2 with B2 and B66 RRH (Ericsson 8843)

REAR VIEW

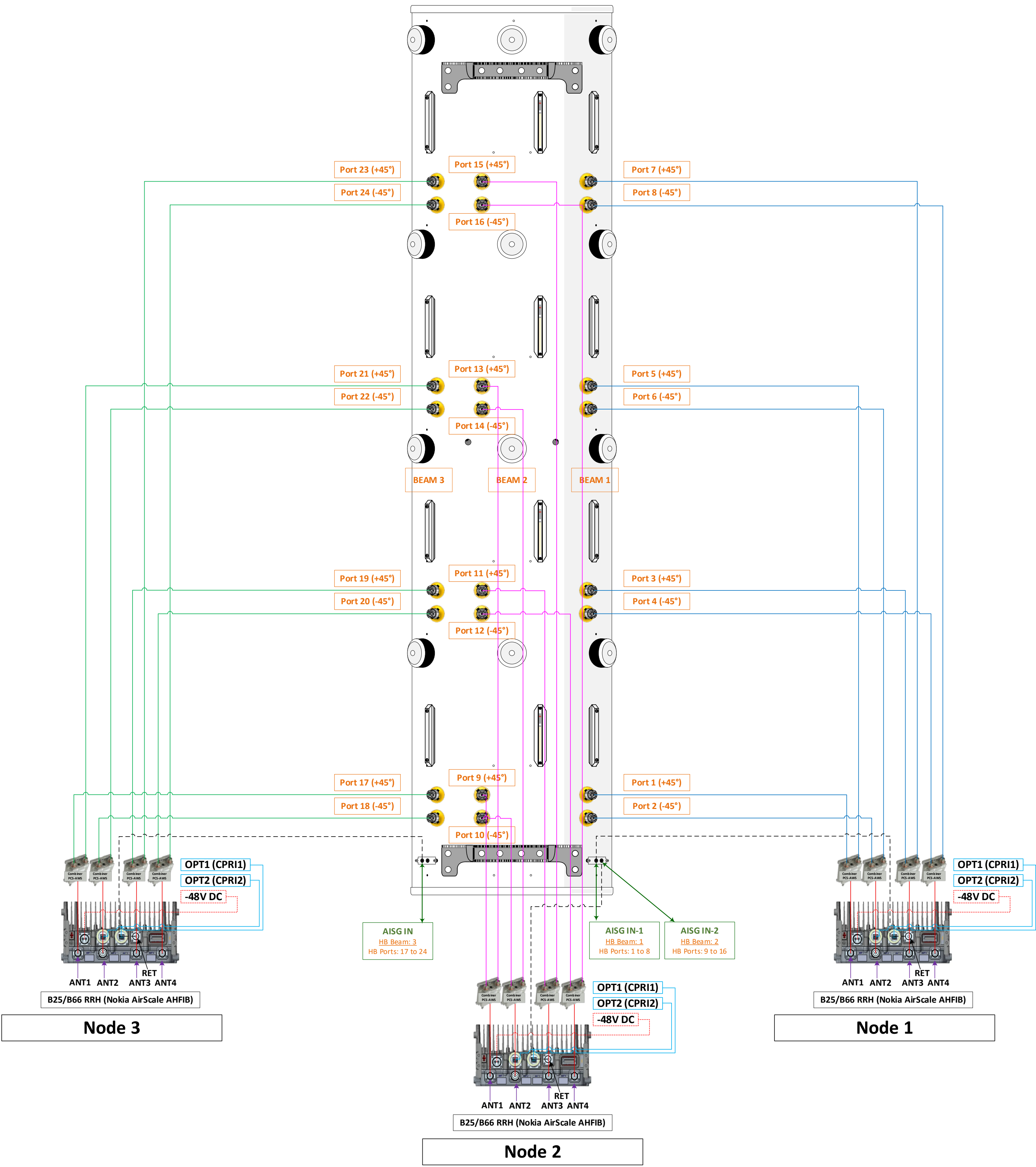


Ericsson Port Mapping

MS-MBA-3-H8A2	Node 1: B2 RRH (Ericsson 8843)	Node 2: B2 RRH (Ericsson 8843)	Node 3: B2 RRH (Ericsson 8843)	Node 4: B66 RRH (Ericsson 8843)	Node 5: B66 RRH (Ericsson 8843)	Node 6: B66 RRH (Ericsson 8843)
	Antenna 1	Antenna 1	Antenna 1	Antenna 2	Antenna 2	Antenna 2
Port 1	A (Tx/Rx)			A (Tx/Rx)		
Port 2	B (Tx/Rx)			B (Tx/Rx)		
Port 3	C (Tx/Rx)			C (Tx/Rx)		
Port 4	D (Tx/Rx)			D (Tx/Rx)		
Port 5	E (Rx)			E (Rx)		
Port 6	F (Rx)			F (Rx)		
Port 7	G (Rx)			G (Rx)		
Port 8	H (Rx)			H (Rx)		
Port 9		A (Tx/Rx)			A (Tx/Rx)	
Port 10		B (Tx/Rx)			B (Tx/Rx)	
Port 11		C (Tx/Rx)			C (Tx/Rx)	
Port 12		D (Tx/Rx)			D (Tx/Rx)	
Port 13		E (Rx)			E (Rx)	
Port 14		F (Rx)			F (Rx)	
Port 15		G (Rx)			G (Rx)	
Port 16		H (Rx)			H (Rx)	
Port 17			A (Tx/Rx)			A (Tx/Rx)
Port 18			B (Tx/Rx)			B (Tx/Rx)
Port 19			C (Tx/Rx)			C (Tx/Rx)
Port 20			D (Tx/Rx)			D (Tx/Rx)
Port 21			E (Rx)			E (Rx)
Port 22			F (Rx)			F (Rx)
Port 23			G (Rx)			G (Rx)
Port 24			H (Rx)			H (Rx)
AISG IN- 1	RET			RET		
AISG IN- 2		RET			RET	
AISG IN			RET			RET

MS-MBA-3-H8A2 with B25/B66 RRH (Nokia AirScale AHFIB)

REAR VIEW

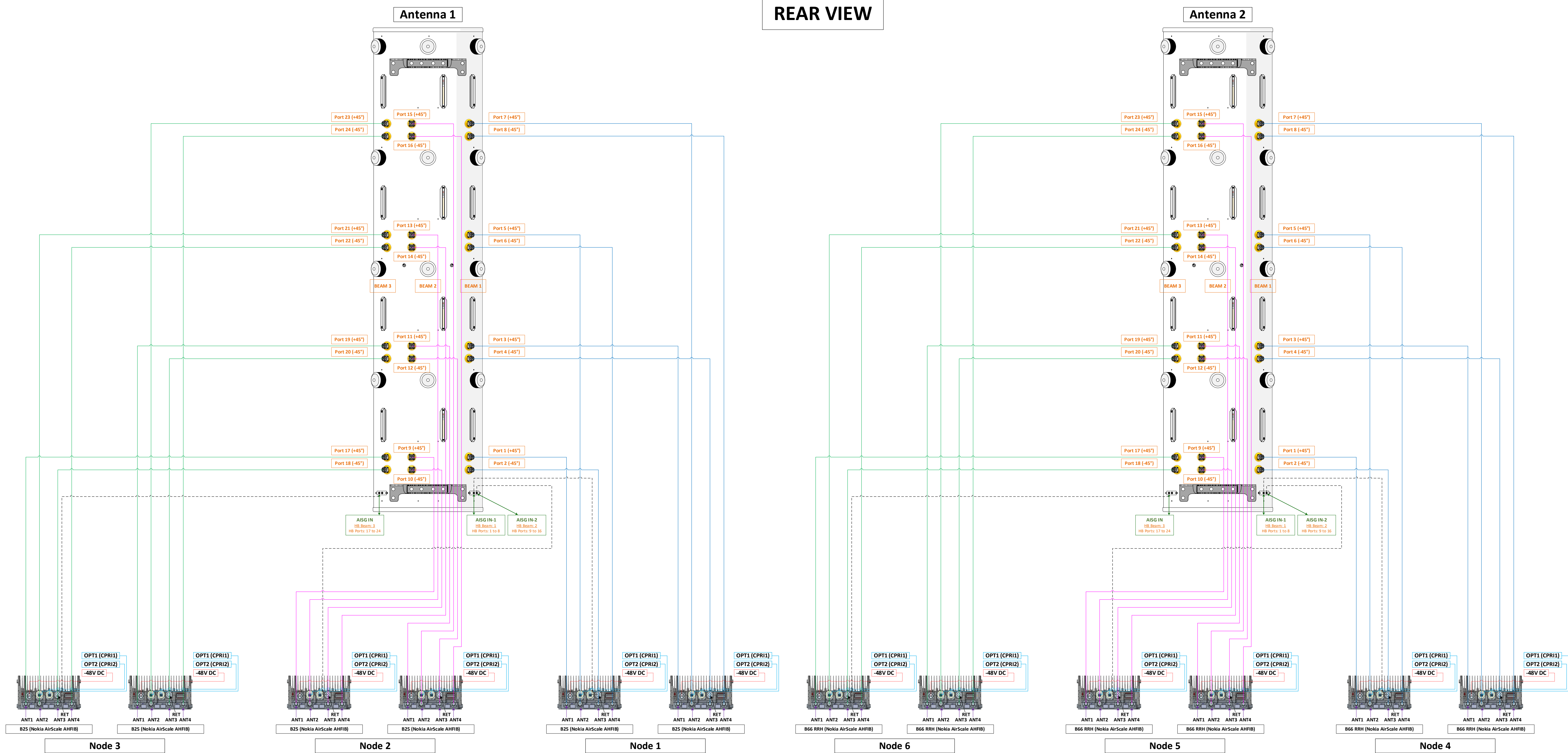


Nokia Port Mapping

MS-MBA-3-H8A2	Node 1: B25/B66 RRH (Nokia AirScale AHFIB)	Node 2: B25/B66 RRH (Nokia AirScale AHFIB)	Node 3: B25/B66 RRH (Nokia AirScale AHFIB)
Port 1	ANT1 (B2: Tx/Rx)		
Port 2	ANT2 (B2: Tx/Rx)		
Port 3	ANT3 (B2: Tx/Rx)		
Port 4	ANT4 (B2: Tx/Rx)		
Port 5	ANT1 (B66: Tx/Rx)		
Port 6	ANT2 (B66: Tx/Rx)		
Port 7	ANT3 (B66: Tx/Rx)		
Port 8	ANT4 (B66: Tx/Rx)		
Port 9		ANT1 (B2: Tx/Rx)	
Port 10		ANT2 (B2: Tx/Rx)	
Port 11		ANT3 (B2: Tx/Rx)	
Port 12		ANT4 (B2: Tx/Rx)	
Port 13		ANT1 (B66: Tx/Rx)	
Port 14		ANT2 (B66: Tx/Rx)	
Port 15		ANT3 (B66: Tx/Rx)	
Port 16		ANT4 (B66: Tx/Rx)	
Port 17			ANT1 (B2: Tx/Rx)
Port 18			ANT2 (B2: Tx/Rx)
Port 19			ANT3 (B2: Tx/Rx)
Port 20			ANT4 (B2: Tx/Rx)
Port 21			ANT1 (B66: Tx/Rx)
Port 22			ANT2 (B66: Tx/Rx)
Port 23			ANT3 (B66: Tx/Rx)
Port 24			ANT4 (B66: Tx/Rx)
AISG IN- 1	RET		
AISG IN- 2		RET	
AISG IN			RET

MS-MBA-3-H8A2 with B25 and B66 RRH (Nokia AirScale AHFIB)

REAR VIEW

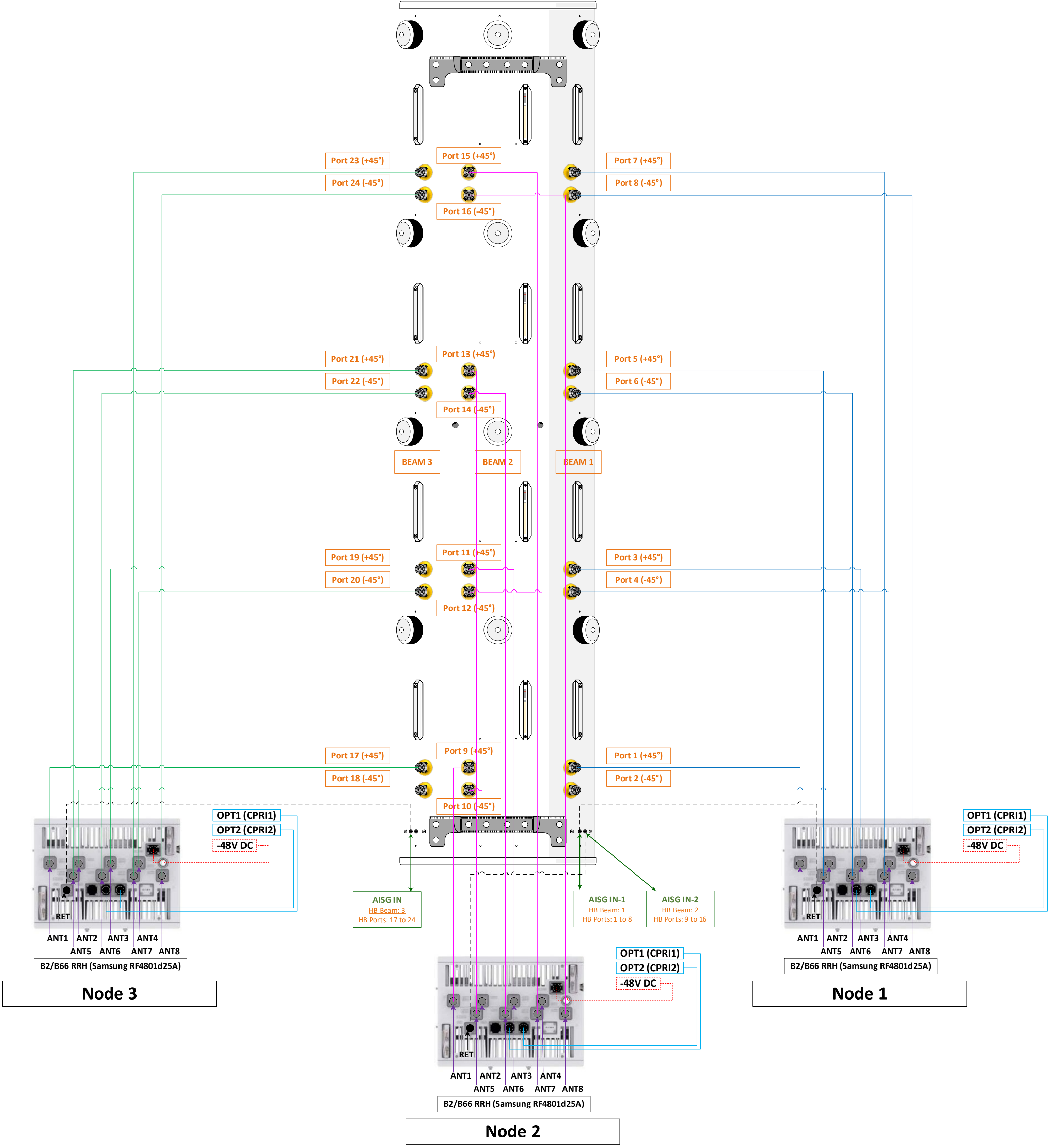


Nokia Port Mapping

MS-MBA-3-H8A2	Node 1: B25 RRH (Nokia AirScale AHFIB) Sector 1	Node 2: B25 RRH (Nokia AirScale AHFIB) Sector 2	Node 3: B25 RRH (Nokia AirScale AHFIB) Sector 3	Node 4: B66 RRH (Nokia AirScale AHFIB) Sector 1	Node 5: B66 RRH (Nokia AirScale AHFIB) Sector 2	Node 6: B66 RRH (Nokia AirScale AHFIB) Sector 3
	Antenna 1	Antenna 1	Antenna 1	Antenna 2	Antenna 2	Antenna 2
Port 1	ANT1 (Tx/Rx)			ANT1 (Tx/Rx)		
Port 2	ANT3 (Tx/Rx)			ANT3 (Tx/Rx)		
Port 3	ANT1 (Tx/Rx)			ANT1 (Tx/Rx)		
Port 4	ANT3 (Tx/Rx)			ANT3 (Tx/Rx)		
Port 5	ANT2 (Rx)			ANT2 (Rx)		
Port 6	ANT4 (Rx)			ANT4 (Rx)		
Port 7	ANT2 (Rx)			ANT2 (Rx)		
Port 8	ANT4 (Rx)			ANT4 (Rx)		
Port 9		ANT1 (Tx/Rx)			ANT1 (Tx/Rx)	
Port 10		ANT3 (Tx/Rx)			ANT3 (Tx/Rx)	
Port 11		ANT1 (Tx/Rx)			ANT1 (Tx/Rx)	
Port 12		ANT3 (Tx/Rx)			ANT3 (Tx/Rx)	
Port 13		ANT2 (Rx)			ANT2 (Rx)	
Port 14		ANT4 (Rx)			ANT4 (Rx)	
Port 15		ANT2 (Rx)			ANT2 (Rx)	
Port 16		ANT4 (Rx)			ANT4 (Rx)	
Port 17			ANT1 (Tx/Rx)			ANT1 (Tx/Rx)
Port 18			ANT3 (Tx/Rx)			ANT3 (Tx/Rx)
Port 19			ANT1 (Tx/Rx)			ANT1 (Tx/Rx)
Port 20			ANT3 (Tx/Rx)			ANT3 (Tx/Rx)
Port 21			ANT2 (Rx)			ANT2 (Rx)
Port 22			ANT4 (Rx)			ANT4 (Rx)
Port 23			ANT2 (Rx)			ANT2 (Rx)
Port 24			ANT4 (Rx)			ANT4 (Rx)
AISG IN- 1	RET			RET		
AISG IN- 2		RET			RET	
AISG IN			RET			RET

MS-MBA-3-H8A2 with B2/B66 RRH (Samsung RF4801d25A)

REAR VIEW

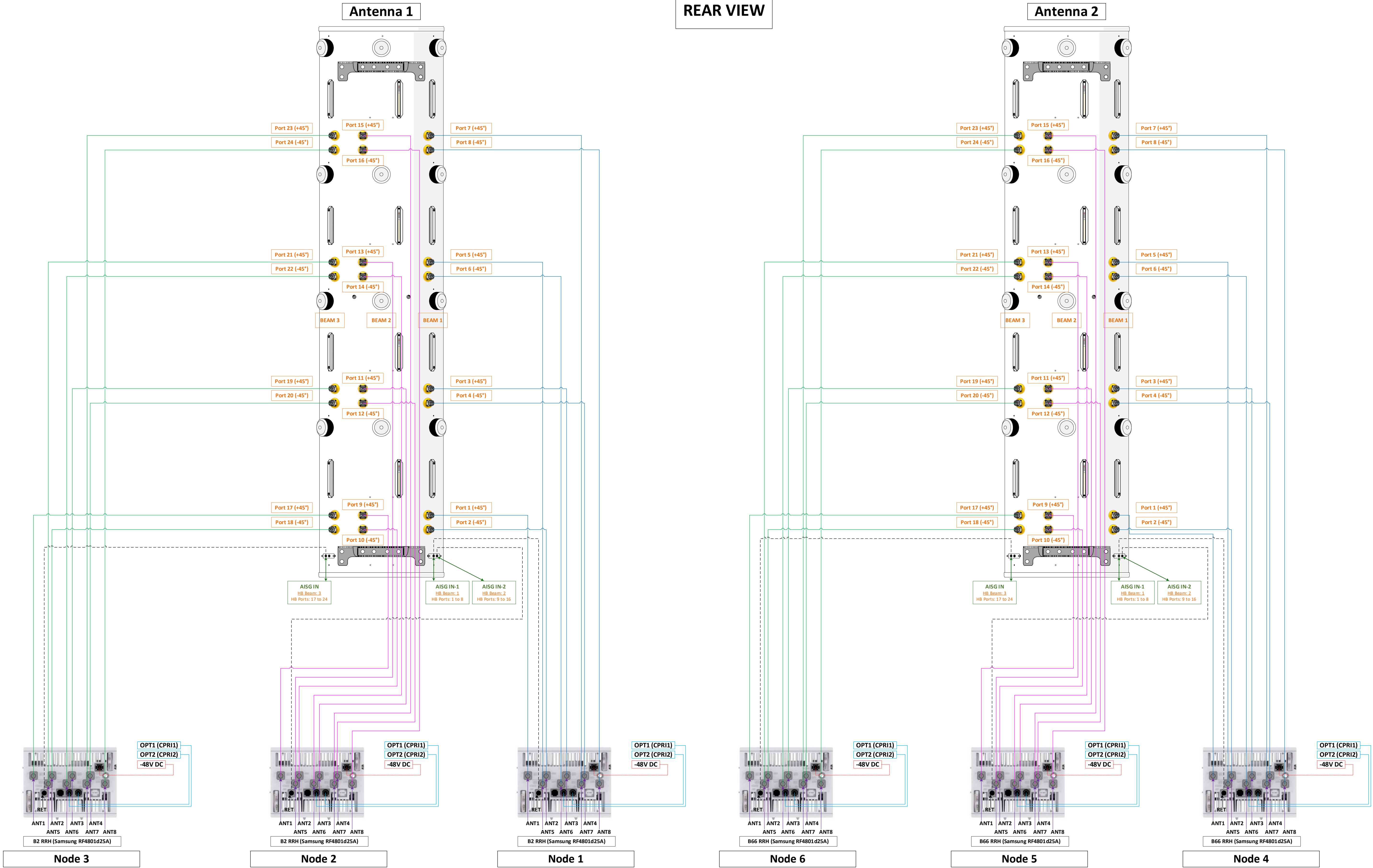


Samsung Port Mapping

MS-MBA-3-H8A2	Node 1: B2/B66 RRH (Samsung RF4801d25A)	Node 2: B2/B66 RRH (Samsung RF4801d25A)	Node 3: B2/B66 RRH (Samsung RF4801d25A)
Port 1	ANT1 (B2: Tx/Rx)		
Port 2	ANT2 (B2: Tx/Rx)		
Port 3	ANT3 (B2: Tx/Rx)		
Port 4	ANT4 (B2: Tx/Rx)		
Port 5	ANT5 (B66: Tx/Rx)		
Port 6	ANT6 (B66: Tx/Rx)		
Port 7	ANT7 (B66: Tx/Rx)		
Port 8	ANT8 (B66: Tx/Rx)		
Port 9		ANT1 (B2: Tx/Rx)	
Port 10		ANT2 (B2: Tx/Rx)	
Port 11		ANT3 (B2: Tx/Rx)	
Port 12		ANT4 (B2: Tx/Rx)	
Port 13		ANT5 (B66: Tx/Rx)	
Port 14		ANT6 (B66: Tx/Rx)	
Port 15		ANT7 (B66: Tx/Rx)	
Port 16		ANT8 (B66: Tx/Rx)	
Port 17			ANT1 (B2: Tx/Rx)
Port 18			ANT2 (B2: Tx/Rx)
Port 19			ANT3 (B2: Tx/Rx)
Port 20			ANT4 (B2: Tx/Rx)
Port 21			ANT5 (B66: Tx/Rx)
Port 22			ANT6 (B66: Tx/Rx)
Port 23			ANT7 (B66: Tx/Rx)
Port 24			ANT8 (B66: Tx/Rx)
AISG IN- 1	RET		
AISG IN- 2		RET	
AISG IN			RET

MS-MBA-3-H8A2 with B2 and B66 RRH (Samsung RF4801d25A)

REAR VIEW



Samsung Port Mapping

MS-MBA-3-H8A2	Node 1: B2 RRH (Samsung RF4801d25A)	Node 2: B2 RRH (Samsung RF4801d25A)	Node 3: B2 RRH (Samsung RF4801d25A)	Node 4: B66 RRH (Samsung RF4801d25A)	Node 5: B66 RRH (Samsung RF4801d25A)	Node 6: B66 RRH (Samsung RF4801d25A)
	Antenna 1	Antenna 1	Antenna 1	Antenna 2	Antenna 2	Antenna 2
Port 1	ANT1 (Tx/Rx)			ANT1 (Tx/Rx)		
Port 2	ANT2 (Tx/Rx)			ANT2 (Tx/Rx)		
Port 3	ANT3 (Tx/Rx)			ANT3 (Tx/Rx)		
Port 4	ANT4 (Tx/Rx)			ANT4 (Tx/Rx)		
Port 5	ANT5 (Rx)			ANT5 (Rx)		
Port 6	ANT6 (Rx)			ANT6 (Rx)		
Port 7	ANT7 (Rx)			ANT7 (Rx)		
Port 8	ANT8 (Rx)			ANT8 (Rx)		
Port 9		ANT1 (Tx/Rx)			ANT1 (Tx/Rx)	
Port 10		ANT2 (Tx/Rx)			ANT2 (Tx/Rx)	
Port 11		ANT3 (Tx/Rx)			ANT3 (Tx/Rx)	
Port 12		ANT4 (Tx/Rx)			ANT4 (Tx/Rx)	
Port 13		ANT5 (Rx)			ANT5 (Rx)	
Port 14		ANT6 (Rx)			ANT6 (Rx)	
Port 15		ANT7 (Rx)			ANT7 (Rx)	
Port 16		ANT8 (Rx)			ANT8 (Rx)	
Port 17			ANT1 (Tx/Rx)			ANT1 (Tx/Rx)
Port 18			ANT2 (Tx/Rx)			ANT2 (Tx/Rx)
Port 19			ANT3 (Tx/Rx)			ANT3 (Tx/Rx)
Port 20			ANT4 (Tx/Rx)			ANT4 (Tx/Rx)
Port 21			ANT5 (Rx)			ANT5 (Rx)
Port 22			ANT6 (Rx)			ANT6 (Rx)
Port 23			ANT7 (Rx)			ANT7 (Rx)
Port 24			ANT8 (Rx)			ANT8 (Rx)
AISG IN- 1	RET			RET		
AISG IN- 2		RET			RET	
AISG IN			RET			RET