

## SDD FOR EXPANSION

SoW: SPLIT SECTOR (DUAL-BEAM UMTS ONLY) & CARD ADDITIONAL

Region: South  
Site ID: KA1095

Prepared (also subject responsible if other) <b>EMZ/ Toan Truong</b>		Document No. 001 51-xxxx/KA1095 Uen		
Doc respons/Approved <b>ETV/OJA Hung Vu</b>	Checked	Date 2017-01-25	Rev. Exp	File SDD_KA1095_Exp

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**Site: KA1095**

### 1 GENERAL SITE DATA

- |     |                          |   |
|-----|--------------------------|---|
| 1.1 | Geographical coordinates | Long: 98.51485  |
|     |                          | Lat: 16.6897  |
| 1.2 | Region                   | South   |
| 1.3 | Address                  | No.(C-6/8),Bayin Naung Street,(1) Quarter,<br>Myawaddy Township |
| 1.4 | Type of Site             | Green Field   |
| 1.5 | Equipment location       | Outdoor cabinet   |
| 1.6 | Floor material           | Concrete  |

### 3 SCOPE OF WORK FOR PROCESSING CARD ADDITIONAL

- |     |                                    |  |
|-----|------------------------------------|--|
| 3.1 | Type of Expansion                  | <b>PROCESSING CARD ADDITIONAL</b>  |
| 3.2 | Scope of Work                      | - Dismantle old Processing Cards (IF REQUIRED)<br>- Additional new Processing Cards on existing BBU<br>- Return dismantled materials to WH |
| 3.3 | No. of Processing Cards Additional | 1  |
| 3.4 | Processing Cards type              | UBBPd6   |
| 3.5 | No. of Processing Cards Removed    | N/A  |
| 3.6 | Processing Cards removed type      | N/A  |

### 5 SCOPE OF WORK FOR TRI-BAND ANTENNA SWAPPED

- |     |                                |   |
|-----|--------------------------------|---|
| 5.1 | Type of Expansion              | <b>TRI-BAND ANTENNA SWAPPED</b>   |
| 5.2 | Scope of Work                  | - Dismantle existing Antennas<br>- Install new Tri-band antenna<br>- Make site on-air with Tri-band Antennas<br>- Return dismantled materials to WH |
| 5.3 | No. of Antenna Additional      | 1 pcs   |
| 5.4 | Antenna model                  | HBXX-3817TB1-A2M  |
| 5.5 | Antenna type                   | Dual-beam,1710–2180 MHz, 2x 38°   |
| 5.6 | Return Dual-band Antenna model | ADU451807v01  |
| 5.7 | Return Dual-band antenna type  | DXX-790-960/1710-2180-65/65-17.5i/18.5i-M/M   |

### 6 SCOPE OF WORK FOR RRU3839 SWAPPED

- |     |                             |   |
|-----|-----------------------------|---|
| 6.1 | Type of Expansion           | <b>RRU3839 SWAPPED</b>  |
| 6.2 | Scope of Work               | - Dismantle existing RRU3826<br>- Install new RRU3839<br>- Make site on-air with RRU3839<br>- Return dismantled materials to WH |
| 6.3 | No. of RRU3839 Swapped      | 1 pcs   |
| 6.4 | Return RRU3G model          | RRU3826   |
| 6.5 | No. of RRU3826 return to WH | 1 pcs   |

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No.	WH No.	DESCRIPTION	QTY/ UNIT
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**I. MATERIALS ADDITIONAL FOR EXPANSION****1 DBS3900 Materials****1.1 RRU 3G**

02310TQF	RRU3839 for WCDMA 2100M (2*60W)	2 PCS
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**1.2 Processing Cards**

03022HEJ	UBBPd3 - Universal Baseband Processing Unit d3	N/A PCS
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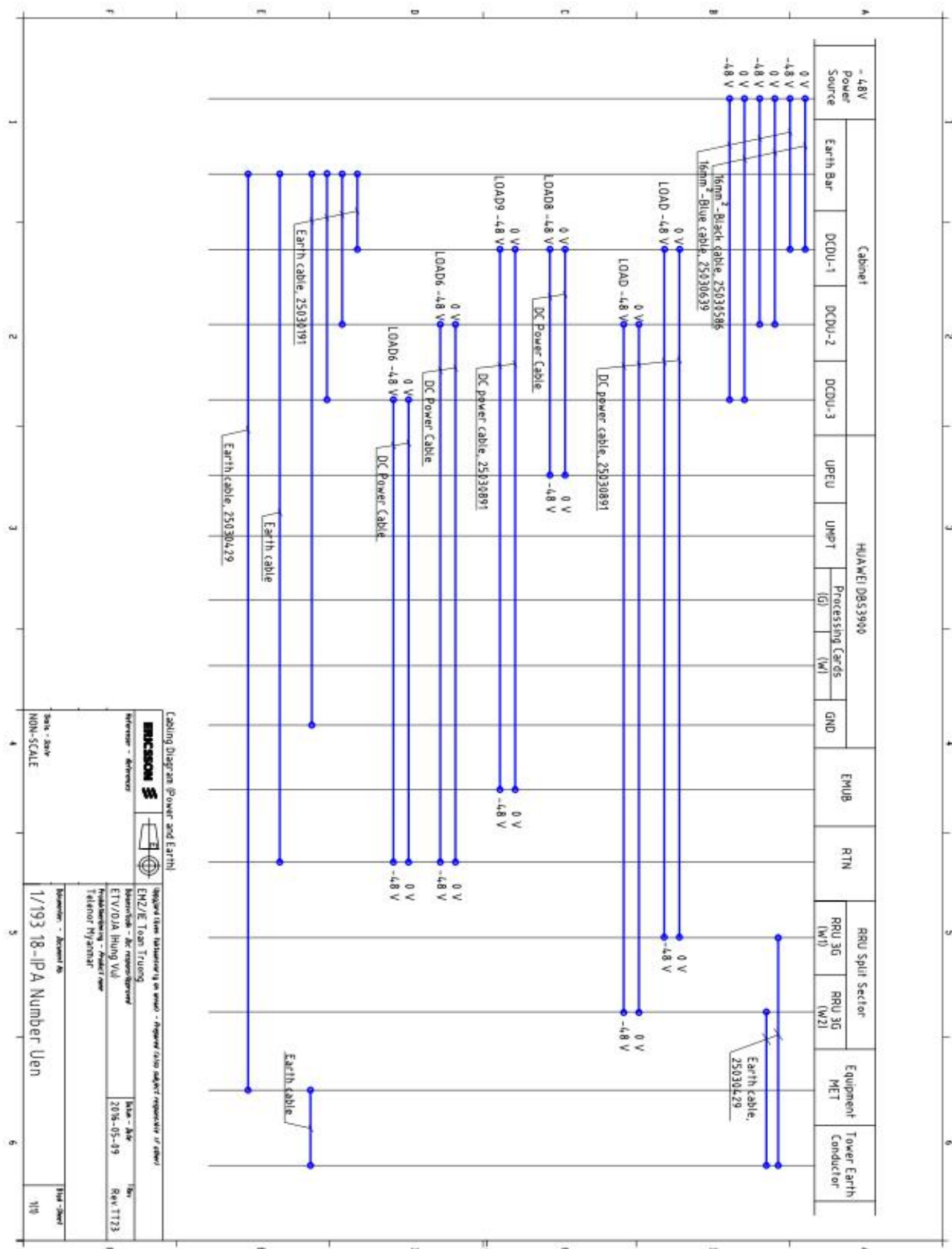
**2. ANTENNA SYSTEM**

RVVPX310R	Tri-band Antenna 698-960/2x1710-2690-15.2/17.4dBi-65/65deg	1 PCS
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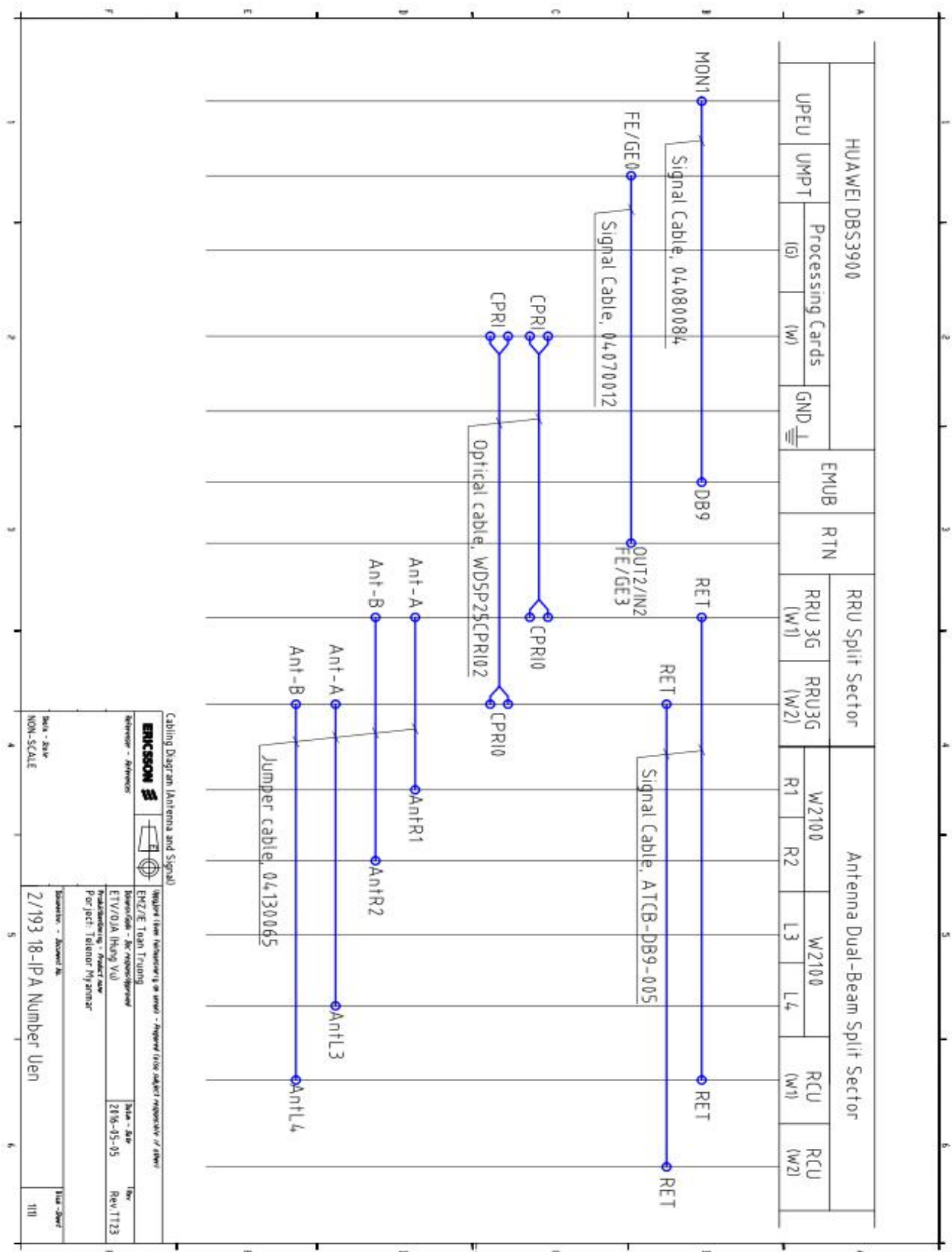
**II. MATERIALS RETURN AFTER EXPANSION****1 DBS3900 Materials****1.2 RRU 3G****2. ANTENNA SYSTEM**

27010881	Directional Antenna, DXX-790-960/1710-2180-65/65-17.5i/18.5i-M/M, 4*7/16 D	2 PCS
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**Geographical coordinates**  
**Long (E):** 98 ° 30 ' 53.46 "  
**Lat (N):** 16 ° 41 ' 22.92 "



**Geographical coordinates**  
**Long (E):** 98 ° 30 ' 53.46 "  
**Lat (N):** 16 ° 41 ' 22.92 "



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UNIT	PRODUCT CODE	REV	SERIAL No.	MFG.DATE
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**I. MATERIALS ADDITIONAL FOR EXPANSION**

<b>3G RRU</b>				
RRU3839	02310TQF		2102310TQF6TG8403939	

<b>PROCESSING CARDS</b>				
UBBPd6	03022HEM		022HEM4MG4043769	

<b>ANTENNA</b>				
Dual-beam, 1710–2180 MHz, 2x 38°	HBXX-3817TB1-A2M		212701193410G6000245	

**II. MATERIALS RETURN AFTER EXPANSION**

<b>ANTENNA</b>				
DXX-790-960/1710-2180-65/65-17.5i/18.5i-M/M	ADU451807v01		N/A	



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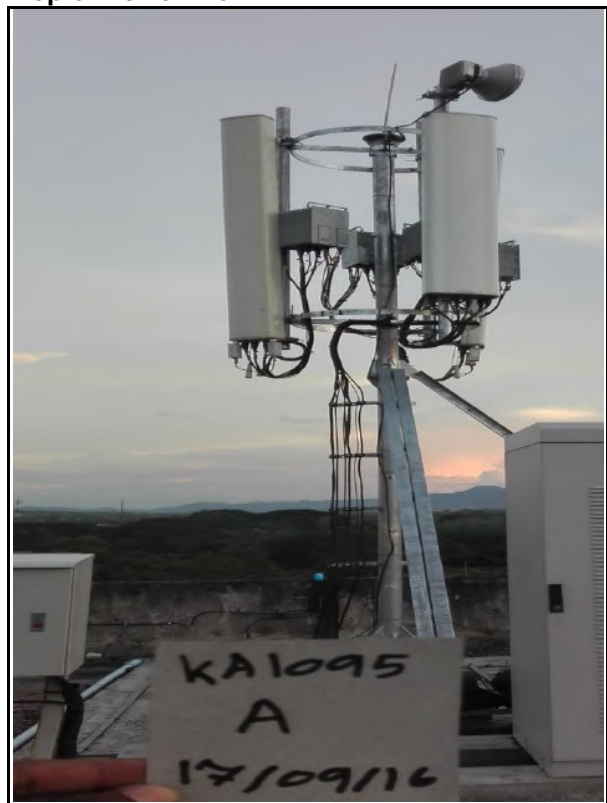
**Site Location**



**Tower View**

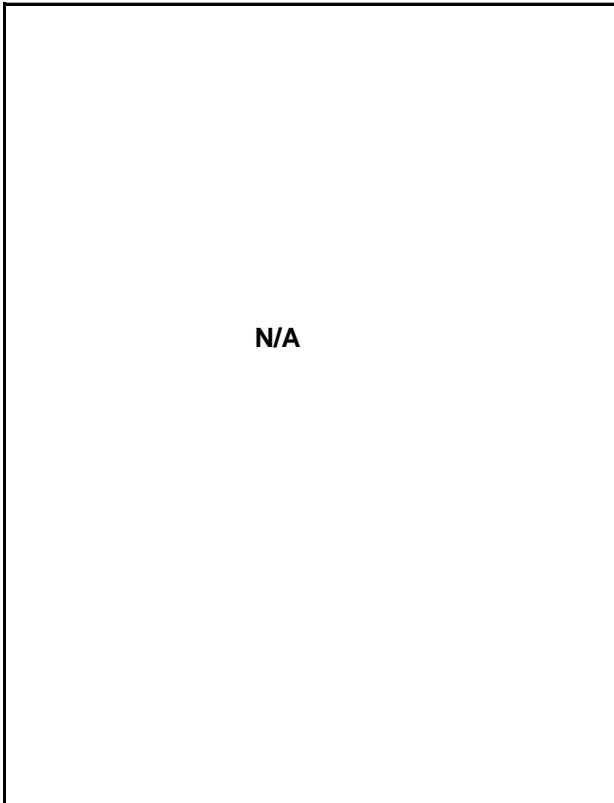
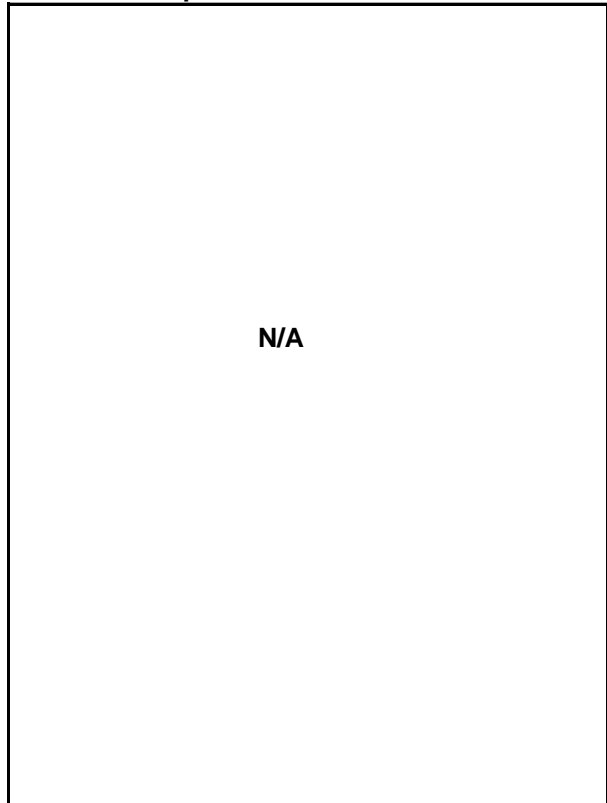


**Top of Tower View**



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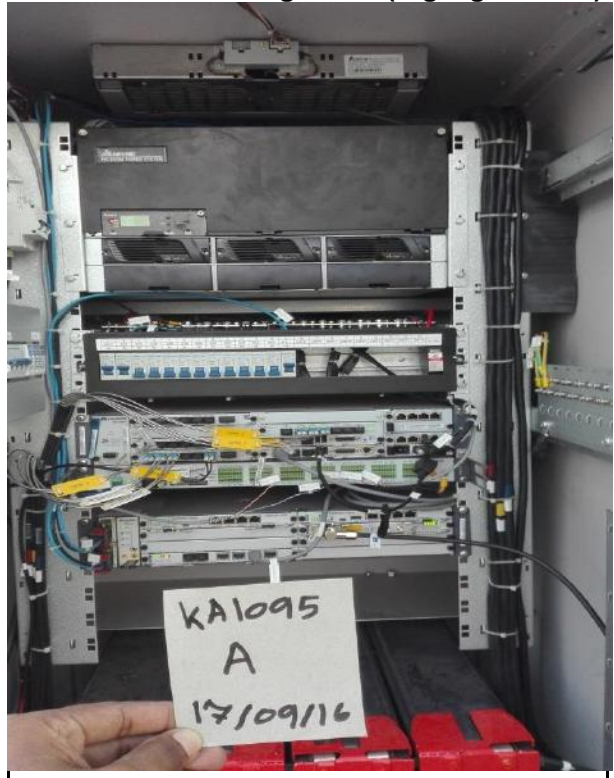
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**Dual-beam 3G Antenna Cell B****RRU 3G for Split Sector Cell B****Dual-beam 3G Antenna Cell C****RRU 3G for Split Sector Cell C**



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**Existing BBU 3900**

**Additional Processing Cards (Highlight Cards)**


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## NETWORK ELEMENT ACCEPTANCE CERTIFICATE

This is to certify that Ericsson Radio Systems AB has delivered, installed and intergrated the following Network Elements on site **KA1095**.

The Network element acceptance has been performed in accordance with the procedures described in above mentioned contract.

Further reference should be made to the acceptance documents. The Network element passed the acceptance.

**For Project**

**For FSO**

Signature: .....

Signature: .....

Name: .....

Name: .....

Date: .....

Date: .....