

RADIO SITE DESIGN

DOCUMENTATION FOR EXPANSION

SoW: Antenna,RRU2219(2G,3G,4G) Swap & Add

Region: North
Site ID: SG0023

Prepared (also subject responsible if other)		Document No.		
EMZ/ Arkar Zin		001 51-/SG0023 Uen		
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ETV/OJA Hung Vu		2019-03-08	A	SDD_SG0023_A

Project: Telenor Myanmar

Site: SG0023

1 GENERAL SITE DATA

- | | | |
|-----|--------------------------|---|
| 1.1 | Geographical coordinates | Long: 95.10302
Lat: 22.16086 |
| 1.2 | Region | North |
| 1.3 | Address | Myo Thit Quarter, Moneywa Township, Moneywa District, Sagaing Divisi
U Lwin Min Nyunt (or) Lwin Thant Nyunt;No(1) Street,Section (4), Middle |
| 1.4 | Type of Site | Green Field |
| 1.5 | Equipment location | Outdoor cabinet |
| 1.6 | Floor material | Concrete |

2 SCOPE OF WORK FOR Antenna & RRU2219 (2G, 3G,4G)

- | | | |
|------|---------------------------|---|
| 2.1 | Type of Expansion | Antenna,RRU2219(2G,3G,4G) Swap & Add |
| 2.2 | Scope of Work | - Dismantle old RRUS
- Install Antenna
- Install RRUS 2219 B8
- Install RRUS 2219 B1
- Install RRUS 2219 B3 |
| 2.10 | No. of RRUS Additional | 9 pcs |
| 2.11 | RRUS model | RRUS 2219 B3 |
| 2.12 | No. of RRUS Additional | 9 pcs |
| 2.13 | RRUS model | RRUS 2219 B1 |
| 2.14 | No. of RRUS Additional | 9 pcs |
| 2.15 | RRUS model | RRUS 2219 B8 |
| 3 | Antenna | |
| 3.1 | No. of Triband Additional | 3 pcs |
| 3.2 | Triband Antenna model | RVV65D-C3-3XR |

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Project **Telenor Myanmar**Site: **SG0023**

No.	WH No.	DESCRIPTION	QTY/ UNIT
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MATERIALS ADDITIONAL FOR UPGRADE

1	RRU 2219		
1.2	KRC161670/1	TRANSCEIVER/Radio 2219 B8;Radio Unit	9 pcs
3	Triband Antenna		
3.1	RVV65D-C3-3XR	RVV65D-C3-3XR	3 pcs

MATERIALS RETURN TO WH

3	RRU		
3.1	KRC11876/1	TRANSCEIVER/RRUS 01 B8;Radio Unit	3
3.2	KRC11876/1	TRANSCEIVER/RRUS 01 B1;Radio Unit	1
	KRC161297/2	TRANSCEIVER/RRUS 01 B1;Radio Unit	2

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Site: SG0023

UNITPRODUCT CODEREVSERIAL No.MFG.DATE**I. MATERIALS ADDITIONAL FOR EXPANSION**

Baseband 5216				
RBS 6601	305/BFL901009		-	
BB 5216;Digital Unit	KDU137925/31		-	
RRUS 2219 B8;Radio Unit	KRC161670/1		CD3U492268	
RRUS 2219 B8;Radio Unit	KRC161670/1		CD3U568148	
RRUS 2219 B8;Radio Unit	KRC161670/1		CD3U571105	
RRUS 2219 B1;Radio Unit	KRC161622/1		CN31771578	
RRUS 2219 B1;Radio Unit	KRC161622/1		CN31771600	
RRUS 2219 B1;Radio Unit	KRC161622/1		CN31771591	
RRUS 2219 B3;Radio Unit	KRC161619/1		CD3Z963705	
RRUS 2219 B3;Radio Unit	KRC161619/1		CD3Z963706	
RRUS 2219 B3;Radio Unit	KRC161619/1		CD3Z963746	

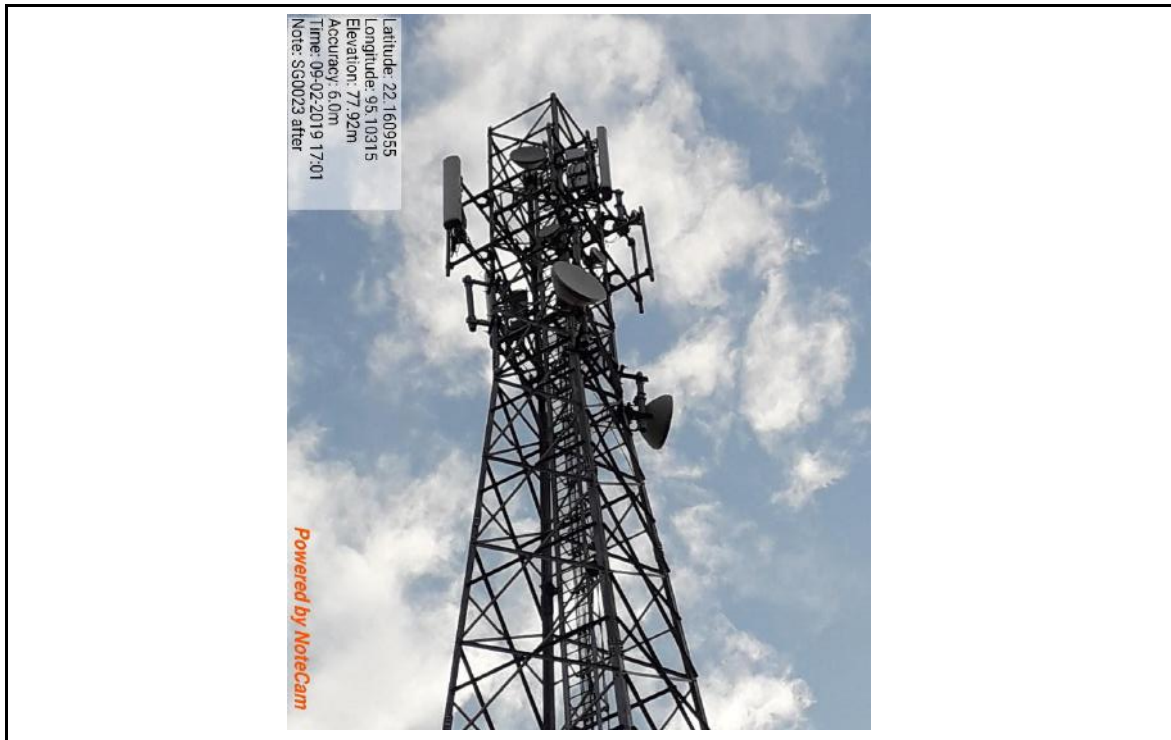
Antenna				
Antenna	RVV65D-C3-3XR		16CN102886067	
Antenna	RVV65D-C3-3XR		16CN102906550	
Antenna	RVV65D-C3-3XR		16CN102886073	

II MATERIALS RETURN TO WH

RRUS				
RRUS 01 B8;Radio Unit	KRC11871/2		CB4V103429	
RRUS 01 B8;Radio Unit	KRC11871/2		D820110754	
RRUS 01 B8;Radio Unit	KRC11871/2		D820110768	
RRUS 01 B1;Radio Unit	KRC11876/1		D823425202	
RRUS 01 B1;Radio Unit	KRC161297/2		D823448884	
RRUS 01 B1;Radio Unit	KRC161297/2		CD3K592562	

Antenna				
Antenna	DXX-790-960/1710-2180-65/65-17.5i/18.5i-M/		14A0003281	
Antenna	DXX-790-960/1710-2180-65/65-17.5i/18.5i-M/		14A0003287	
Antenna	DXX-790-960/1710-2180-65/65-17.5i/18.5i-M/		14A0005388	

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Project: **Telenor Myanmar**Site: **SG0023****Site Location****Tower View**

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Date

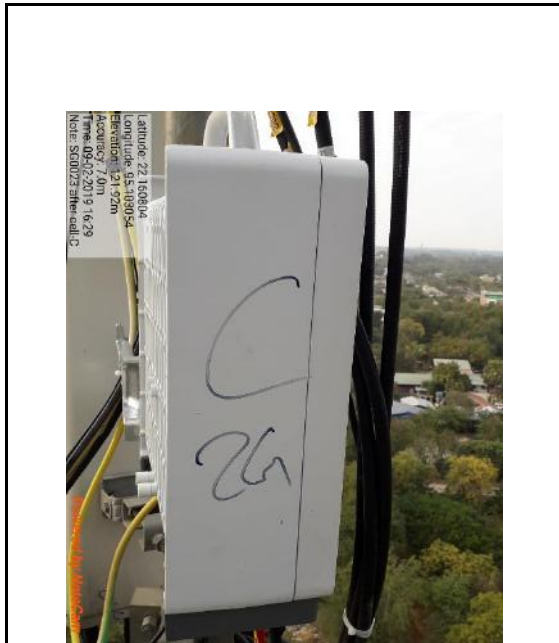
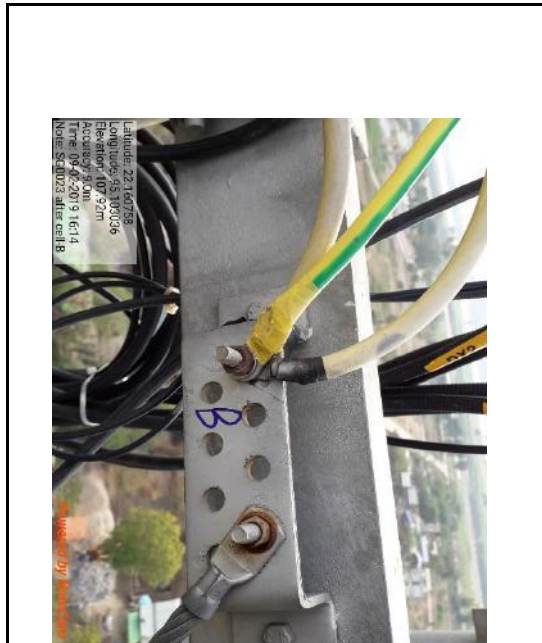
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Project: **Telenor Myanmar**Site: **SG0023****RRUS 2219 B8 Cell A****RRUS 2219 B8 Cell B****RRUS 2219 B8 Cell C****Earth Bar for RRU**

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Project: **Telenor Myanmar**Site: **SG0023****RRUS 2219 B1 Cell A****RRUS 2219 B1 Cell B****RRUS 2219 B1 Cell C****Earth Bar for RRU**

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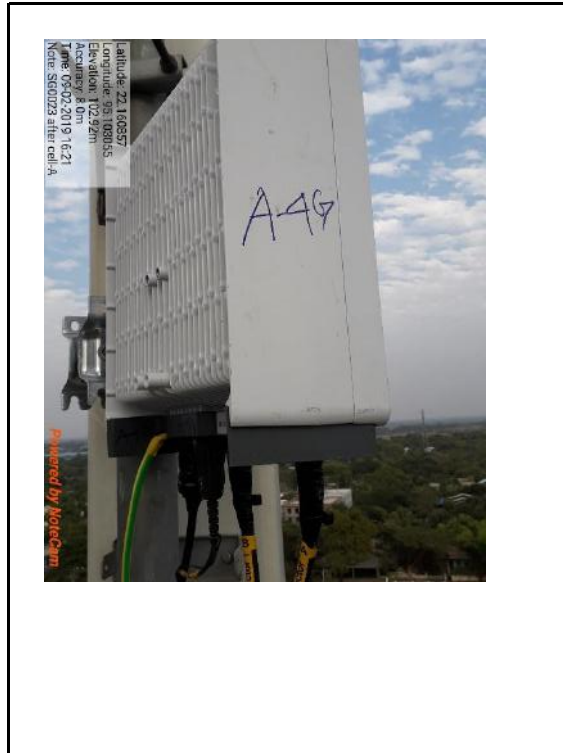
2019-03-08

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Project: **Telenor Myanmar**Site: **SG0023****RRUS 2219 B3 Cell A****RRUS 2219 B3 Cell B****RRUS 2219 B3 Cell C****Earth Bar for RRU**

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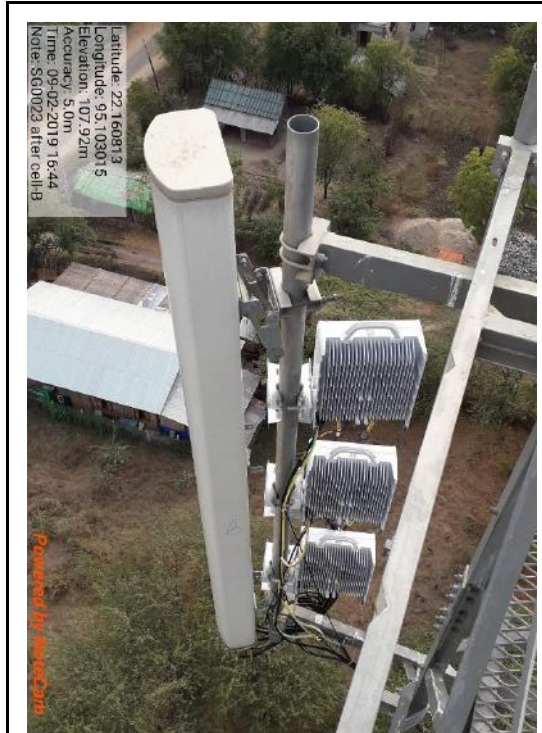
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Project: **Telenor Myanmar**Site: **SG0023**

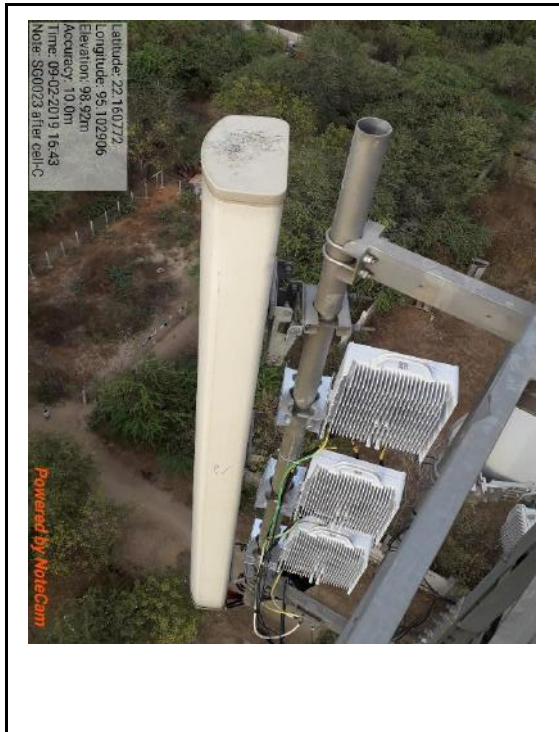
Antenna cell A



Antenna cell B



Antenna cell C



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Project: **Telenor Myanmar**
 Site: **SG0023**

Site Cleaned Photos



Site Cleaned Photos



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Project: Telenor Myanmar
Site: SG0023

NETWORK ELEMENT ACCEPTANCE CERTIFICATE

This is to certify that Ericsson Radio Systems AB has delivered, installed and intergrated the following Network Elements on site **SG0023**.

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: