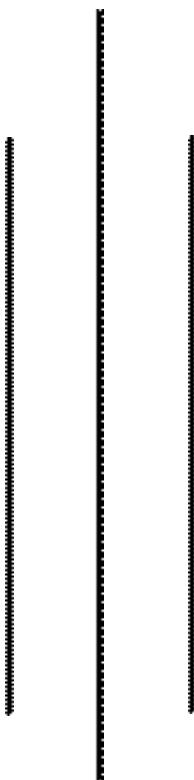


ACCEPTANCE TEST DOCUMENT
FOR
PT. XL AXIATA Tbk



Vendor Name	PT. ALITA PRAYA MITRA	
Project Name	19/B1/NEC/NS-TRM-Seahawk Service3	
Site ID / Site Name	SUM-BB-MTK-0467 / LTE Pangek Bangka Barat	
Opposite Site ID / Site Name	SUM-BB-MTK-0124 / Simpang Jebus	
Site Coordinate	E/W; 1.89715	S/N; 105.378961
Area	SUM 3	
No. EWO / NBWO	SL-G157-FT-2429-169	
Date of Acceptance	2019-02-26	

CHECK LIST INSTALASI - Radio MW iPasolink

Vendor Name* : PT. ALITA PRAYA MITRA
 Project Name* : 19/B1/NEC/NS-TRM-Seahawk Service3
 Site ID / Site Name* : SUM-BB-MTK-0467 / LTE Pangek Bangka Barat
 Opposite Site ID/Site Name* : SUM-BB-MTK-0124 / Simpang Jebus
 Area* : SUM 3
 No. EWO/NBWO* : SL-G157-FT-2429-169
 Date of Installation* : 2019-02-26

Jenis Kegiatan	Status		Remarks	
	OK	Not OK		
1. Material Return Form				
1.1 Detail Information				
1.1.1 Warranty *) 1	<input checked="" type="checkbox"/>		OK PCQC dan Desktop	
1.1.2 Material Code 1	<input checked="" type="checkbox"/>		OK PCQC dan Desktop	
1.1.3 Description 1	<input checked="" type="checkbox"/>		OK PCQC dan Desktop	
1.1.4 Serial Number 1	<input checked="" type="checkbox"/>		OK PCQC dan Desktop	
1.1.5 Qty 1	<input checked="" type="checkbox"/>		OK PCQC dan Desktop	
1.1.6 Measurement 1	<input checked="" type="checkbox"/>		OK PCQC dan Desktop	
1.1.7 Completeness 1	<input checked="" type="checkbox"/>		OK PCQC dan Desktop	
1.1.8 Material Code 2	<input checked="" type="checkbox"/>		OK PCQC dan Desktop	
1.1.9 Description 2	<input checked="" type="checkbox"/>		OK PCQC dan Desktop	
1.1.10 Serial Number 2	<input checked="" type="checkbox"/>		OK PCQC dan Desktop	
1.1.11 Qty 2	<input checked="" type="checkbox"/>		OK PCQC dan Desktop	
1.1.12 Measurement 2	<input checked="" type="checkbox"/>		OK PCQC dan Desktop	
1.1.13 Completeness 2	<input checked="" type="checkbox"/>		OK PCQC dan Desktop	
1.1.14 Warranty *) 2	<input checked="" type="checkbox"/>		OK PCQC dan Desktop	
1.1.15 Material Code 3	<input checked="" type="checkbox"/>		OK PCQC dan Desktop	
1.1.16 Description 3	<input checked="" type="checkbox"/>		OK PCQC dan Desktop	
1.1.17 Serial Number 3	<input checked="" type="checkbox"/>		OK PCQC dan Desktop	
1.1.18 Qty 3	<input checked="" type="checkbox"/>		OK PCQC dan Desktop	
1.1.19 Measurement 3	<input checked="" type="checkbox"/>		OK PCQC dan	

			Desktop
1.1.20 Completeness 3	✓		OK PCQC dan Desktop
1.1.21 Warranty *) 3	✓		OK PCQC dan Desktop
1.1.22 Material Code 4	✓		OK PCQC dan Desktop
1.1.23 Description 4	✓		OK PCQC dan Desktop
1.1.24 Serial Number 4	✓		OK PCQC dan Desktop
1.1.25 Qty 4	✓		OK PCQC dan Desktop
1.1.26 Measurement 4	✓		OK PCQC dan Desktop
1.1.27 Completeness 4	✓		OK PCQC dan Desktop
1.1.28 Warranty *) 4	✓		OK PCQC dan Desktop
1.1.29 Material Code 5	✓		OK PCQC dan Desktop
1.1.30 Description 5	✓		OK PCQC dan Desktop
1.1.31 Serial Number 5	✓		OK PCQC dan Desktop
1.1.32 Qty 5	✓		OK PCQC dan Desktop
1.1.33 Measurement 5	✓		OK PCQC dan Desktop
1.1.34 Completeness 5	✓		OK PCQC dan Desktop
1.1.35 Warranty *) 5	✓		OK PCQC dan Desktop
1.1.36 Material Code 6	✓		OK PCQC dan Desktop
1.1.37 Description 6	✓		OK PCQC dan Desktop
1.1.38 Serial Number 6	✓		OK PCQC dan Desktop
1.1.39 Qty 6	✓		OK PCQC dan Desktop
1.1.40 Measurement 6	✓		OK PCQC dan Desktop
1.1.41 Warranty *) 6	✓		OK PCQC dan Desktop
1.1.42 Material Code 7	✓		OK PCQC dan Desktop
1.1.43 Description 7	✓		OK PCQC dan Desktop
1.1.44 Serial Number 7	✓		OK PCQC dan Desktop
1.1.45 Qty 7	✓		OK PCQC dan Desktop
1.1.46 Measurement 7	✓		OK PCQC dan Desktop

1.1.47 Completeness 7	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.48 Warranty *) 7	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.49 Material Code 8	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.50 Description 8	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.51 Serial Number 8	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.52 Qty 8	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.53 Measurement 8	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.54 Completeness 8	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.55 Warranty *) 8	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.56 Material Code 9	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.57 Description 9	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.58 Serial Number 9	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.59 Qty 9	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.60 Measurement 9	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.61 Completeness 9	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.62 Warranty *) 9	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.63 Material Code 10	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.64 Description 10	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.65 Qty 10	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.66 Measurement 10	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.67 Completeness 10	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.68 Warranty *) 10	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.69 Material Code 11	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.70 Description 11	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.71 Serial Number 11	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.72 Qty 11	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.73 Measurement 11	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.74 Completeness 11	<input checked="" type="checkbox"/>		OK PCQC dan

			Desktop
1.1.75 Warranty *) 11	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.76 Material Code 12	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.77 Description 12	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.78 Serial Number 12	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.79 Qty 12	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.80 Measurement 12	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.81 Completeness 12	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.82 Warranty *) 12	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.83 Remark	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.84 Completeness 6	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.1.85 Serial Number 10	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.2 General Information			
1.2.1 Doc. Header Text	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.2.2 Receiving Plant	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.2.3 Storage Location	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.2.4 Recipient	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.2.5 Delivery Date	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.2.6 Nama penerima barang	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.3 Received by:			
1.3.1 Sign	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.3.2 Name	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.3.3 Department	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.3.4 Date	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.4 Approved By:			
1.4.1 Sign	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.4.2 Name	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.4.3 Department	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
1.4.4 Date	<input checked="" type="checkbox"/>		OK PCQC dan Desktop

1.5 Sent By: (yang mengeluarkan)			
1.5.1 Sign	✓		OK PCQC dan Desktop
1.5.2 Name	✓		OK PCQC dan Desktop
1.5.3 Date	✓		OK PCQC dan Desktop
1.5.4 Department	✓		OK PCQC dan Desktop
1.6 Delivered By: (courier/forwarder)			
1.6.1 Sign	✓		OK PCQC dan Desktop
1.6.2 Name	✓		OK PCQC dan Desktop
1.6.3 Department	✓		OK PCQC dan Desktop
1.6.4 Date	✓		OK PCQC dan Desktop
2. Persiapan Instalasi			
2.1 Dokumen Persiapan Instalasi			
2.1.1 MOP	✓		OK PCQC dan Desktop
2.1.2 RFC	✓		OK PCQC dan Desktop
2.1.3 Link Budget	✓		OK PCQC dan Desktop
2.1.4 Network Planning Design (IP)	✓		OK PCQC dan Desktop
2.1.5 Surat Ijin Kerja dari PT. HS atau Tower Rental	✓		OK PCQC dan Desktop
2.1.6 DIN / BOQ	✓		OK PCQC dan Desktop
2.2 Alat Keselamatan			
2.2.1 Alat Keselamatan & Peralatan Kerja	✓		OK PCQC dan Desktop
2.3 Site View			
2.3.1 Access	✓		OK PCQC dan Desktop
2.3.2 All Shelter & Tower	✓		OK PCQC dan Desktop
2.4 Tower View			
2.4.1 Leg 1	✓		OK PCQC dan Desktop
2.4.2 Leg 2	✓		OK PCQC dan Desktop
2.4.3 Leg 3	✓		OK PCQC dan Desktop
2.4.4 Leg 4	✓		OK PCQC dan Desktop
2.5 Shelter Inside View			
2.5.1 All Rack 19 Full Rack 19	✓		OK PCQC dan Desktop
2.5.2 All Rack 19 Full DCPDB	✓		OK PCQC dan Desktop

2.5.3 All Rectifier Load Percentage	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
2.5.4 Main Busbar	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
2.5.5 All Rectifier Full Rectifier	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3. Instalasi			
3.1 Outdoor			
3.1.1 Antenna Mounting & Antenna Bracket	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.1.2 Antenna Pemasangan Antenna	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.1.3 Antenna Tampak Belakang Keseluruhan	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.1.4 Antenna Serial Number	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.1.5 Antenna Pelabelan Antenna	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.1.6 ODU Tampak Keseluruhan	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.1.7 ODU Serial Number	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.1.8 ODU Grounding ODU to Busbar	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.1.9 Kabel Coaxial Pemasangan Perlindungan Air (Isolation & Rubber Tape)	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.1.10 Kabel Coaxial Pelabelan Kabel Coaxial	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.1.11 Kabel Coaxial Pemberian Spare Kabel Coaxial	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.1.12 Kabel Coaxial Pemasangan Earthingkit/Groundingkit to Busbar	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.1.13 Kabel Coaxial Pelabelan Earthingkit/Groundingkit to Busbar	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.1.14 Kabel Coaxial Pemasangan Clamp Coaxial pada Tray Tower	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.1.15 Kabel Coaxial Lekukan Kabel sebelum masuk shelter	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.1.16 Kabel Coaxial Pemasangan Silikon di FEP	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.1.17 ODU Pelabelan ODU	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.2 Indoor			
3.2.1 Rack 19 (Pemasangan Baru) Pemasangan Dynabolt pada rack 19	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.2.2 Rack 19 (Pemasangan Baru) Pemasangan Busbar Rack 19	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.2.3 Rack 19 (Pemasangan Baru) Terminasi Busbar Rack 19 ke Main Busbar	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.2.4 Rack 19 (Pemasangan Baru) Pemasangan DCPDB	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.2.5 Rack 19 (Pemasangan Baru) Load Percentage Rectifier yang akan digunakan	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.2.6 Rack 19 (Pemasangan Baru) Pelabelan Rack 19	<input checked="" type="checkbox"/>		OK PCQC dan Desktop

3.2.7 IDU (Rack 19 existing) Rack 19 yang akan digunakan	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.2.8 IDU (Rack 19 existing) MCB yang akan digunakan	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.2.9 IDU (Rack 19 existing) Pelabelan pada MCB	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.2.10 IDU (Rack 19 existing) Load Percentage Rectifier yang akan digunakan	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.2.11 IDU (Rack 19 existing) Serial Number IDU	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.2.12 IDU (Rack 19 existing) IDU & Rack 19 Tampak Keseluruhan	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.2.13 IDU (Rack 19 existing) IDU Tampak Keseluruhan	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.2.14 IDU (Rack 19 existing) Slot pada IDU yang digunakan	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.2.15 IDU (Rack 19 existing) Pelabelan tipe IDU (Tipe IDU - Index)	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.2.16 IDU (Rack 19 existing) Pelabelan IP IDU (IP Address IDU)	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.2.17 IDU (Rack 19 existing) Grounding pada slot modem IDU	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.2.18 IDU (Rack 19 existing) Terminasi Grounding IDU ke Busbar Rack 19	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.2.19 DDF/LSA DDF/LSA	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.2.20 DDF/LSA Grounding DDF/LSA	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.2.21 DDF/LSA Terminasi Grounding DDF/LSA ke Busbar Rack 19	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.2.22 DDF/LSA Pelabelan DDF/LSA	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.2.23 Kabel Coaxial Pemberian Spare Kabel Coaxial di Tray Indoor	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
3.2.24 Kabel Coaxial Pelabelan Kabel Coaxial di IDU	<input checked="" type="checkbox"/>		OK PCQC dan Desktop

4. Setup / Commissioning

4.1 Firmware

4.1.1 Checking Firmware Serial (Firmware with the Latest Update)	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
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4.2 Current Status

4.2.1 Checking Current Status (makesure clear from alarm)	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
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4.3 Equipment Setup

4.3.1 Equipment Configuration	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
4.3.2 Radio Configuration	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
4.3.3 AMR / Radio Mapping Configuration	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
4.3.4 Network Management Configuration General Setting (Detail) - Auto Discovery Setting	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
4.3.5 Network Management Configuration Routing Setting	<input checked="" type="checkbox"/>		OK PCQC dan Desktop

4.3.6 Ping NMS to Server PNMSj	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
4.4 Provisioning			
4.4.1 Modem Function Setting Modem Port Setting	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
4.4.2 Modem Function Setting Radio Switch Setting	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
4.4.3 Modem Function Setting TX Power Setting	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
4.4.4 ETH Function Setting ETH Port Setting	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
4.4.5 ETH Function Setting VLAN Setting	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
4.4.6 ETH Function Setting Link Aggregation Setting (if Available)	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
4.4.7 QOS / Classification Setting Classify Setting	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
4.4.8 QOS / Classification Setting Port Setting	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
4.4.9 E1 / STM-1 / Cross Connect Setting Cross Connect Setting	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
4.4.10 E1 / STM-1 / Cross Connect Setting E1 Port Setting	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
4.4.11 Equipment Clock / Synchronization Setting Equipment Clock Setting	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
4.5 PMON / RMON Report			
4.5.1 MODEM PMON Report	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
4.6 Metering			
4.6.1 Current Metering	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
4.6.2 Current Metering (for Interference Checking)	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
4.7 Equipment Utility			
4.7.1 Date / Time Setting	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
4.8 User Account / Security Setting			
4.8.1 User Account Management	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
4.8.2 Security Management Service Status Setting (SNMP Community & FTP)	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
4.9 Inventory			
4.9.1 Equipment Inventory Information IDU	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
4.9.2 Equipment Inventory Information ODU	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
4.9.3 S/W License Information ETH	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
5. Others			
5.1 Kabel Optik (if Available)			
5.1.1 Pemasangan Kabel Optik	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
5.1.2 Pengukuran Optik (power meter)	<input checked="" type="checkbox"/>		OK PCQC dan Desktop

5.1.3 Pelabelan Kabel Optik	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
5.2 Kabel LAN			
5.2.1 Pemasangan Kabel LAN	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
5.2.2 Pelabelan Kabel LAN	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
5.3 Kabel Traffic			
5.3.1 Pemasangan Kabel Traffic	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
5.3.2 Pengukuran Traffic (BER-Test)	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
5.3.3 Pelabelan Kabel Traffic	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
5.4 SIM-F			
5.4.1 SIM-F	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
5.5 IMS			
5.5.1 IMS	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
5.6 Kebersihan			
5.6.1 Kebersihan & Kerapihan Area Kerja	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
6. DISMANTLE (if Available)			
6.1 Add Foto Before Dismantle			
6.1.1 Outdoor	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
6.1.2 Indoor	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
6.2 Add Foto After Dismantle			
6.2.1 Outdoor	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
6.2.2 Indoor	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
6.3 Foto Equipment			
6.3.1 Add Foto Equipment Dismantle	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
6.4 List material			
6.4.1 List Material Dismantle	<input checked="" type="checkbox"/>		OK PCQC dan Desktop
6.5 SIM-F			
6.5.1 SIM-F Dismantle	<input checked="" type="checkbox"/>		OK PCQC dan Desktop



DELIVERY NOTE

GOODS ARRIVAL CERTIFICATE (GAC)

Delivery to : PT. XL AXIATA

Delivery from : PT. ALITA PRAYA MITRA - JAKARTA

Project Name : 19/B1/NEC/NS-TRM-Seahawk Service3

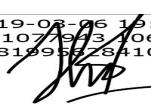
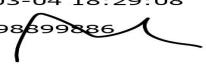
PIC HS : Budi Oktavian

Site Name : SUM-BB-MTK-0467 / LTE Pangek Bangka Barat

Delivery Date : 2019-03-04 18:29:08

Delivery goods : As follows

Purch.Doc.	Item	Material Code	Short Text	PO Qty	Region	EWO
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Tim Leader Instalasi	Coordinator APM	Engineer XL
 2019-03-06 19:51:34 -2.1077943 106.1226261 6281995628410	 2019-03-04 18:29:08 6281998899886	 2019-03-06 19:52:16 -2.1077943 106.1226261 6281995581982
sugiar.ta / 2019-03-06 19:51:34 / 6281995628410	Quality Alita / 2019-03-04 18:29:08 / 6281998899886	Budi Oktavian / 2019-03-06 19:52:16 / 6281995581982

Penting untuk diingat :

1. Semua material utama yang terpasang dan label harap disertakan foto/softcopy.
2. Sebelum koneksi PNMT harap lepaskan kabel power Laptop/notebook dari input AC, baru koneksikan ke IDU.
3. Dilarang melepas kabel IF dari IDU/ ODU dalam keadaan ON.
4. Pasolink NEO menggunakan tegangan input -48Volt DC. Perangkat Pasolink lama (V4 dll) yang menggunakan sistem tegangan floating -15V s/d -60V DC **tidak diperbolehkan** untuk digunakan untuk Pasolink NEO.
5. Rentang waktu antara ON dan OFF IDU minimal 1 menit.
6. OFF IDU untuk sistem 1+1 dimulai dengan sistem yang standby terlebih dahulu baru sisi aktif.
7. ODU selain tipe NEO CPV dan NHG tidak bisa dipasangkan dengan IDU NEO/C.
8. Labeling menggunakan Label Print Casio.

*Note : *Wajib diisi*

**ACCEPTANCE TEST DOCUMENT
NEAR END**



BERITA ACARA SERAH TERIMA

Vendor / Contractor Name* : PT. ALITA PRAYA MITRA
Project Name* : 19/B1/NEC/NS-TRM-Seahawk Service3
Opposite Site ID/Site Name* : SUM-BB-MTK-0124 / Simpang Jebus
Site ID / Site Name* : SUM-BB-MTK-0467 / LTE Pangek Bangka Barat
Site Coordinate* : E/W; 1.89715 S/N; 105.378961
Area* : SUM 3
No. EWO/NBWO* : SL-G157-FT-2429-169

Pada hari ini, Rabu tanggal 06 bulan 03 tahun 2019, kami yang bertanda tangan di bawah ini, menyatakan bahwa pekerjaan, yang meliputi :

Installasi dan Pengetesan Radio iPaso 400A, 8 Ghz, 90 Mbps Mbps

pada lokasi tersebut di atas *telah selesai dilaksanakan dan diterima sesuai dengan ruang lingkup pekerjaan yang diberikan.* dengan :

Durasi waktu penggerjaan* : 2 Hari hari kalender
Tanggal pelaksanaan* : 27-02-2019 hari kalender
Tanggal penyelesaian* : 28-02-2019 hari kalender
Tanggal aktual penyelesaian* : 28-02-2019 hari kalender
Delay penggerjaan* : _____ hari kalender

Alasan delay penggerjaan*:

a. _____ : _____ hari kalender
b. _____ : _____ hari kalender
c. _____ : _____ hari kalender
d. _____ : _____ hari kalender

Demikian Berita Acara ini dibuat dengan sebenar-benarnya dan dapat dipergunakan sebagaimana mestinya.

PT. XL Axiata Tbk.

PT. Alita Praya Mitra

2019-03-06 19:52:16
-2.1077943 106.1226261
628199583982

2019-03-06 19:51:34
-2.1077933 106.1226261
6281995839810

Budi Oktavian

sugiar.ta

*Note : Wajib diisi



Acceptance Test Document Microwave Radio System

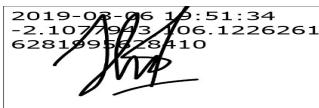
RADIO TYPE :

Ericsson Minilink TN Huawei RTN NEC iPaso

VENDOR NAME	: PT. ALITA PRAYA MITRA
PROJECT NAME	: 19/B1/NEC/NS-TRM-Seahawk Service3
SITE ID / SITE NAME	: SUM-BB-MTK-0467 / LTE Pangek Bangka Barat
OPPOSITE ID / SITE NAME	: SUM-BB-MTK-0124 / Simpang Jebus
DATE OF ACCEPTANCE	: 2019-03-10 08:31:12
ACCEPTANCE STATUS	: <input checked="" type="checkbox"/> PASS <input type="checkbox"/> PASS WITH PENDING ITEMS <input type="checkbox"/> REJECTED

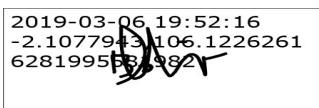
ACCEPTANCE BY :

VENDOR



1. sugiar.ta / 2019-03-06 19:51:34 / 6281995628410

PT XL AXIATA Tbk.



1. Budi Oktavian / 2019-03-06 19:52:16 / 6281995581982

2019-03-10 08:31:12
62819874818

2. Joserenater Sihombing / 2019-03-10 08:31:12 / 62819874818

1) Visual Check

1) Serial Number

Site ID / Site Name : SUM-BB-MTK-0467 / LTE Pangek Bangka Barat

UNIT	Type	Serial No
IDU	Ipasolink 400A	47465
ODU 1	IAG Sub Band D Upper	18112
ODU 2(*)		
Hybrid(*)		
Antenna 1	ASL4-W71NS	MBTMA020009511300266
Antenna 2(*)	-	

(*) Only for applicable configuration

Opposite ID / Site Name : SUM-BB-MTK-0124 / Simpang Jebus

UNIT	Type	Serial No
IDU	Ipasolink 400A	47390
ODU 1	IAG Sub Band D Lower	29747
ODU 2(*)		
Hybrid(*)		
Antenna	ASL4-W71NS	MBTMA020009511300546
Antenna 2(*)	-	

(*) Only for applicable configuration

2) Antenna

Antenna	Diameter (M)	Height (M)	Polarization
Site 1 : NEC	1.2	36m	Vertical
Site 2 : NEC	1.2	47	Vertical

	Item Check	OK	NOK
3)	Check the physical out-door installation.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4)	Check the radio indoor equipment installation.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5)	Indoor cable rack and structure installation.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6)	Labeling.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7)	Grounding cable installation.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

2) Configuration Check

Site 1 Set-Up	Channel 1	Channel 2 (*)
Sub Band	Sub Band D Upper	
Transmitted Frequency	8266.570 (MHz)	(MHz)
Received Frequency	7955.250 (MHz)	(MHz)
Channel Band Width	28 Mhz (MHz)	(MHz)
Transmitted Power	26.0 dBm dBm	dBm
Modulation Setting	16 QAM	
Number of E1		
Ethernet Bandwidth	90 Mbps (MBPS)	(MBPS)

Site 2 Set-Up	Channel 1	Channel 2 (*)
Sub Band	Sub Band D Lower	
Transmitted frequency	7955.250 (MHz)	(MHz)
Received frequency	8266.570 (MHz)	(MHz)
Channel Band Width	28 Mhz (MHz)	(MHz)
Transmitted power	26.0 dBm dBm	dBm
Modulation Setting	16 QAM	
Number of E1		
Ethernet Bandwidth	90 Mbps (MBPS)	(MBPS)

(*) only if applicable

3) Receive Power Level Result

Item	Station A		Station B	
	ODU 1	ODU 2 (**)	ODU 1	ODU 2 (**)
Rx level in link budget	-31.82 dBm dBm	dBm	dBm	dBm
Rx Level	dBm	dBm	dBm	dBm
Tx Power	+26.0 dBm dBm	dBm	+26.0 dBm dBm	dBm

(**) if Applicable

4) Protection Switching Test

System Configuration : 1+1HSB 1+1FD 1+1SD

Site	Switching Test Result
Site 1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> NOK <input type="checkbox"/> NA(*)
Site 2	<input checked="" type="checkbox"/> OK <input type="checkbox"/> NOK <input type="checkbox"/> NA(*)

(*) if the configuration only 1+0

5) Interference Check

Item	Site 1 (Tx Off on Site 2)		Site 2 (Tx Off on Site 1)	
	ODU 1	ODU 2 (**)	ODU 1	ODU 2 (**)
Receive level	-98.6 dBm		-98.6 dBm	

6) DCN Configuration

Station Name	Site 1	Site 2
	Name : LTE_Pangek Bangka Barat	Name :
NE ID		
IP Address	10.61.81.35	10.61.81.35
Net Mask		
Gateway		10.61.81.33

7) QoS Setting

Item	Set/Default	Remarks
P-Bit	<input checked="" type="checkbox"/> Set <input type="checkbox"/> Default	Shall be set as attached document
DSCP	<input checked="" type="checkbox"/> Set <input type="checkbox"/> Default	Shall be set as attached document
Queue Size	<input checked="" type="checkbox"/> Set <input type="checkbox"/> Default	Shall be set as attached document

8) Test & Measurement

a) BER Test

SETUP	Radio 1	Radio 2
Bit Error Rate	<input type="checkbox"/> OK <input checked="" type="checkbox"/> NOK	<input type="checkbox"/> OK <input checked="" type="checkbox"/> NOK

b) Ethernet Test

Item Test	Specification	Measurement	Result
LAN Interface	Connection Test (ping test FE/GE to FE/GE one Hop – IuB & OAM)		<input type="checkbox"/> OK <input type="checkbox"/> NOK <input checked="" type="checkbox"/> N/A

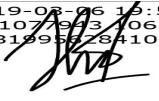
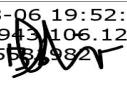
PENDING ITEMS

Please list down all pending items and its timeline to be completed

NO	ITEM	TARGET COMPLETION	PIC	CONTACT NO.	STATUS COMPLETION
----	------	-------------------	-----	-------------	-------------------

ADDITIONAL NOTES :

passed

Acceptance by : VENDOR  2019-03-06 19:51:34 -2.1077943106.1226261 628199588410	Verified and Approved by : ENGINEER  2019-03-06 19:52:16 -2.1077943106.1226261 628199588410
Name : sugiar.ta Date : 2019-03-06 19:51:34	Name : Budi Oktavian Date : 2019-03-06 19:52:16

SUPERVISOR 2019-03-10 08:31:12 62819874818
Name : Joserenater Sihombing / 2019-03-10 08:31:12

Attachment 1 : Terminal Inventory

For NEC iPaso 200 :

No	Slot Number	Module Name	Serial Number	Destination
1	Line slot no 1	Blank Panel		
		Aux		
2	Line slot no 2	Blank Panel		
		16 E1		
		Channelized STM-1		
3	Line slot no 3	Blank Panel		
		External Power		

For NEC iPaso 400 & iPaso 1000 :

Universal Slot Number	MODULE NAME	SERIAL NUMBER	DESTINATION

Attachment 2 : Capture Ping Result, NMS & QoS Setting

The screenshot displays two instances of the iPasolink 400A Ver3.55.04 software interface. The top window shows the 'Current Status' screen for the device SUM-BB-MTK-0124_5(10.61.81.34/Remote). It features a navigation menu on the left with options like 'Current Status', 'Easy Setup Wizard', 'Equipment Setup', etc. The main area includes tabs for 'Current Status', 'Active Alarm', 'Event Log', etc., and a detailed network diagram with various ports and modules. The bottom window shows the 'Equipment Setup - Network Management Configuration - General Setting' screen. It includes an 'IP Address Setting (Bridge01)' section with fields for IP Address (10.61.81.34), Subnet Mask (255.255.255.248), and Default Gateway (10.61.81.33). Below it is an 'IMS Port Setting' section with a 'Connect NMS Port to NMS' checkbox set to 'Yes'. A small window titled 'Windows Command Processor' is open, showing a ping command being run to 10.23.40.203, with multiple replies from the target address.

CURRENT STATUS

iPASOLINK 400A:Ver3.55.04 Site Name X iPASOLINK 400A:Ver3.55.04 Site Name X + *F.C. Internazionale* 1908

← → G iPASOLINK 400A:Ver3.55.04 Site Name:SUM-BB-MTK-0124_5[10.61.81.34/Remote]

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MENU

- Detail Menu
- Current Status
- Easy Setup Wizard
- Equipment Setup
- Equipment Configuration
- MODEM Migration
- Radio Configuration
- AMR / Radio Mapping Config
- Network Management Config
- Provisioning
- Maintenance Control
- Loopback Control
- Protection Control
- MODEM Maintenance Control
- Laser Shutdown Control
- HW / F/W Reset Control
- PMON / RMON / FDB Clear
- Offline Maintenance Control
- Maintenance Test
- PMON / RMON Report
- Metering
- Current Metering
- Equipment Utility
- User Account / Security Setting
- Inventory
- S/W License Setup

ODU IDU AUX I/O TCM MAINT

Equipment Setup - Equipment Configuration

Equipment Current Status

	MODEM (Slot01)
1+0	-
TX Start Frequency [MHz]	7837.475
TX Stop Frequency [MHz]	7969.250
Frequency Step [MHz]	0.050
Shift Frequency [MHz]	311.320
Upper / Lower	Lower
Sub Band	D
RF Frequency Type	TX & RX
Channel Spacing	28MHz
Reference Modulation	16QAM
Radio Mode	High Capacity
E1 Mapping [CH]	0
STM-1 Mapping [CH]	0
ETH Bandwidth [Mbps]	90
TX RF Frequency [MHz]	7955.250
RX RF Frequency [MHz]	8266.570
Frame ID	1
TX Power Control	MTPC
Radio Traffic Aggregation	Not Used

Equipment Configuration

iPASOLINK400A

MODEM-EA	Not Used	Not Used	Not Used	FAN-C
MC-A4A	<input checked="" type="checkbox"/>	CLK2M-C	PS	

MODEM / STM-1 SW / XPIC Configuration

Slot No.	1	2	3	4
SW / XPIC GRP				
Redundancy	1+0			

iPASOLINK 400A:Ver3.55.04 Site Name X iPASOLINK 400A:Ver3.55.04 Site Name X + *F.C. Internazionale* 1908

← → G iPASOLINK 400A:Ver3.55.04 Site Name:SUM-BB-MTK-0124_5[10.61.81.34/Remote]

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MENU

- Detail Menu
- Current Status
- Easy Setup Wizard
- Equipment Setup
- Equipment Configuration
- MODEM Migration
- Radio Configuration
- AMR / Radio Mapping Config
- Network Management Config
- Provisioning
- Maintenance Control
- Maintenance Test
- PMON / RMON Report
- Metering
- Current Metering
- Equipment Utility
- User Account / Security Setting
- Inventory
- S/W License Setup

ODU IDU AUX I/O TCM MAINT

Equipment Setup - Radio Configuration

IDU	MODEM (Slot01)
1+0	-
Channel Spacing	28MHz
Reference Modulation	16QAM
Radio Mode	High Capacity
E1 Mapping [CH]	0
STM-1 Mapping [CH]	0
ETH Bandwidth [Mbps]	90
TX RF Frequency [MHz]	7955.250
RX RF Frequency [MHz]	8266.570
Frame ID	1
TX Power Control	MTPC
Radio Traffic Aggregation	Not Used
Support Version	Not Support
Distribution Mode	

ODU	1+0
TX Start Frequency [MHz]	7837.475
TX Stop Frequency [MHz]	7969.250
Frequency Step [MHz]	0.050
Shift Frequency [MHz]	311.320

EQUIPMENT SETUP

iPASOLINK 400A:Ver3.55.04 Site Name X iPASOLINK 400A:Ver3.55.04 Site Name X + *F.C. Internazionale* 1908

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MENU

- Current Status
- Easy Setup Wizard
- Equipment Setup**
 - Equipment Configuration
 - MODEM Migration
 - Radio Configuration
 - AMR / Radio Mapping Configuration
 - Network Management Configuration**
 - General Setting
 - General Setting (Detail)**
 - Routing Setting
 - IP Access Control Setting
 - DHCP Server / Relay Setting
 - Equipment Cascade Setting
- Provisioning
- Maintenance Control
- Maintenance Test
- PMON / RMON Report
- Metering
- Equipment Utility
- User Account / Security Setting
- Inventory
- S/W License Setup

DDU IDU AUX I/O TCN MAINT

Equipment Setup - Network Management Configuration - General Setting (Detail)

Refresh | Setup

Auto Discovery Setting

Item / Port	Port Name	Link Status	Discovery Usage	LLDP Mode
NMS		Link Up	Used	Proprietary MAC
NE1				
MC-A4A / Port01		Link Down	Used	Proprietary MAC
MC-A4A / Port02	to port 3 ip 10.61.81.196	Link Up	Used	Proprietary MAC

IE Branch Setting

Branch Number	1 Branch
Default Gateway	10.61.81.33

Item	Bridge No.	Bridge IP Address	Bridge Subnet Mask
NMS	01	10.61.81.34	255.255.255.248
NE1	01	10.61.81.34	255.255.255.248
MODEM (Slot01)	01	10.61.81.34	255.255.255.248
Inband Management01			
Inband Management02			
Inband Management03			
Inband Management04			

M-Plane Bandwidth Limitation

Bandwidth Limitation	Disable
Bandwidth [Mbps]	

M-Plane Priority

CoS	7
-----	---

iPASOLINK 400A:Ver3.55.04 Site Name X iPASOLINK 400A:Ver3.55.04 Site Name X + *F.C. Internazionale* 1908

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MENU

- Current Status
- Easy Setup Wizard
- Equipment Setup**
 - Equipment Configuration
 - MODEM Migration
 - Radio Configuration
 - AMR / Radio Mapping Configuration
 - Network Management Configuration**
 - General Setting
 - General Setting (Detail)**
 - Routing Setting**
 - IP Access Control Setting
 - DHCP Server / Relay Setting
 - Equipment Cascade Setting
- Provisioning
- Maintenance Control
- Maintenance Test
- PMON / RMON Report
- Metering
- Equipment Utility
- User Account / Security Setting
- Inventory
- S/W License Setup

DDU IDU AUX I/O TCN MAINT

Equipment Setup - Network Management Configuration - Routing Setting

Refresh | Setup

IP Address	Subnet Mask	Gateway
0.0.0.0	0.0.0.0	10.61.81.33

NMS

iPASOLINK 400A:Ver3.55.04 Site Name X iPASOLINK 400A:Ver3.55.04 Site Name X + *F.C. Internazionale* 1908

NEC Login User:Admin DDU IDU AUX I/O TCN MAINT Maintenance Logout

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MENU

Detail Menu Refresh

- Current Status
- Easy Setup Wizard
- Equipment Setup
- Provisioning
 - MODEM Function Setting
 - MODEM Port Setting
 - Radio Switch Setting
 - TX Power Setting
 - ALM Mode Setting
 - YPIC Setting
 - AMR Setting
 - ETH Function Setting
 - E1 / STM-1 / Cross Connect Setting
 - PWL Setting
 - Equipment Clock / Synchronization
 - Relay-Alarm Mapping Setting
 - SC / OW Setting
 - Alarm / AIS Setting
 - PMON / RMON Setting
 - AUX Setting
 - Maintenance Control
 - Maintenance Test
 - PMON / RMON Report
 - Metering
 - Equipment Utility
 - User Account / Security Setting
 - Inventory
 - S/W License Setup
- Network Management System (NMS)
- Main / Port02

Provisioning - MODEM Function Setting - Radio Switch Setting

	MODEM (Slot01)
TX SW Priority	1+0
TX SW Lock-in Usage	-
TX SW Reverse Function Usage	-
RX SW Priority	-
RX SW Condition Early Warning	-



MODEM FUNCTION SETTING



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MENU Detail Menu

- Current Status
- Easy Setup Wizard
- Equipment Setup
- Provisioning
 - MODEM Function Setting
 - ETH Function Setting
 - Bridge Setting
 - ETH Port Setting
 - VLAN Setting
 - FDB Setting
 - ETH OAM Setting
 - RSTP / MSTP Setting
 - ERP Setting
 - Link Aggregation Setting
 - QoS / Classification Setting
 - Filter Setting
 - L2CP Transparent / Mirror
 - Port Isolate Setting
 - LIF Setting
 - Broadcast Storm Control
 - E1 / STM-1 / Cross Connect
 - PWE Setting
 - Equipment Clock / Synchron
 - Relay-Alarm Mapping Setting
 - SC / OW Setting
 - Alarm / AIS Setting
 - PMON / RMON Setting
 - AUX Setting
- Maintenance Control
- Maintenance Test
- PMON / RMON Report

ODU IDU AUX I/O TCM MAINT

Maintenance Logout

Provisioning - ETH Function Setting - VLAN Setting

VLAN Setting VLAN List

VLAN Mode: 802.1Q

Item	Slot	Port	Port Name	VLAN ID	VLAN Port Type	VLAN Service Name
MC-A4A		Port01		1	Access	(Undefined)
MC-A4A		Port02	to port 3 ip 10.61.81.196	1	Access	(Undefined)
MC-A4A		Port03		1	Access	(Undefined)
MC-A4A		Port04		1	Access	(Undefined)
MC-A4A		Port05		1	Access	(Undefined)
MC-A4A		Port06		1	Access	(Undefined)
MODEM	Skt01	Port01	TO SUM-BB-MTK-0124_1+0_1.2M	1	Trunk	(Undefined)

Page 1 of 1 | > | < | < | > | Displaying 1 - 7 of 7

ETH FUNCTION SETTING

iPASOLINK 400A/Ver3.55.04 Site Name: SUM-BB-MTK-0124_5[10.61.81.34/Remote]

F.C. Internationale
1908

90% 

NEC Login User Admin

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MENU

- Detail Menu
-  Current Status
-  Easy Setup Wizard
-  Equipment Setup
-  Provisioning
 -  Modem Function Setting
 -  ETH Function Setting
 -  Bridge Setting
 -  ETH Port Setting
 -  VLAN Setting
 -  FDB Setting
 -  ETH OAM Setting
 -  RSTP / MSTP Setting
 -  ERP Setting
 -  Link Aggregation Setting
 -  QoS / Classification Setting
 -  Filter Setting
 -  LACP Transparent / Mirroring
 -  Port Isolate Setting
 -  LLF Setting
 -  Broadcast Storm Control
 -  E1 / STM-1 / Cross Connect
 -  PWE Setting
 -  Equipment Clock / Sync
 -  Relay-Alarm Mapping Setting
 -  SC / OW Setting
 -  Alarm / AIS Setting
 -  PMON / RMON Setting
 -  AUX Setting
 -  Maintenance Control
 -  Maintenance Test
 -  PMON / RMON Report
 -  Metering
 -  Equipment Utility
 -  User Account / Security Setting
 -  Inventory

ODU **IDU** **AUX I/O** **TUN** **MAINT**

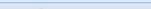
SUM-BB-MTK-0467_1[No...]
SUM-BB-MTK-0467_1[No...]
NMS
Main / Port02

Maintenance **Logout**

Provisioning - ETH Function Setting - QoS / Classification Setting

Refresh

Classify Setting **Ingress Setting** **Port Setting**

Classification Mode **Equipment Based QoS Mode**

Current Classify Profile Information

Current Classify Profile : Profile No.1

Classify Profile Information

Classify Profile No.: 1

Entry No.	Classify Field	Classify Priority	Classify Internal Priority
1	VLAN CoS	7	7
2	VLAN CoS	6	6
3	VLAN CoS	5	5
4	VLAN CoS	4	4
5	VLAN CoS	3	3
6	VLAN CoS	2	2
7	VLAN CoS	1	1
8	VLAN CoS	0	0
9	IPv4 DSCP	56	7
10	IPv4 DSCP	54	7
11	IPv4 DSCP	51	7
12	IPv4 DSCP	48	6
13	IPv4 DSCP	40	6
14	IPv4 DSCP	46	5
15	IPv4 DSCP	32	4
16	IPv4 DSCP	34	4

QoS



CROSS CONNECT

iPASOLINK 400A/Ver3.55.04 Site Name X | iPASOLINK 400A/Ver3.55.04 Site Name X | + *F.C. Internazionale*
 1908

↵ → C ⌂ iPASOLINK 400A/Ver3.55.04 Site Name:SUM-BB-MTK-0124_5(10.61.81.34/Remote)

NEC Login User Admin DDU IDU AUX I/O TON MAINT Maintenance Logout

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MENU Provisioning - Equipment Clock / Synchronization Setting - Equipment Clock Se

Detail Menu Refresh Modify

Current Status	Master
Easy Setup Wizard	Freerun
Equipment Setup	
Provisioning	
Modem Function Setting	
ETH Function Setting	Enable
E1 / STM-1 / Cross Connect Se	PL Mode
PWE Setting	
Equipment Clock / Synchronizat	
Equipment Clock Setting	
Ext Clock Setting	
Relay-Alarm Mapping Setting	
SC / OW Setting	
Alarm / AIS Setting	
PMON / RMON Setting	
AUX Setting	
Maintenance Control	
Maintenance Test	
PMON / RMON Report	
Metering	
Equipment Utility	
User Account / Security Setting	
Inventory	
S/W License Setup	

SUM-BB-MTK-0467_1(No.1...
 NMS
 Main / Port02

No.	Timing Source	Slot	Port / CH	Port Name	Priority Level	Line SSM Usage	Line SSM / Forced SSM Value	WTR Timer	Status
1									
2									
3									

EQUIPMENT CLOCK / SYNCHRONIZE

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MENU

- Detail Menu
- Refresh

PMON / RMON Report - MODEM PHON Report

	MODEM (Slot01)	
	15min	1day
RF BBE	0	0
RF ES	0	0
RF SES	0	0
RF SEP	0	0
RF UAS	0	0
RF OPS	0	0
RX Level1 (MAX) [dBm]	-31.2	-31.2
RX Level1 (MIN) [dBm]	-32.1	-32.1
RX Level2 (MAX) [dBm]		
RX Level2 (MIN) [dBm]		



PMON REPORT

iPASOLINK 400A:Ver3.55.04 Site Name X iPASOLINK 400A:Ver3.55.04 Site Name X +

iPASOLINK 400A:Ver3.55.04 Site Name:SUM-BB-MTK-0124_5[10.61.81.34/Remote]

F.C. Internazionale
1908

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ODU IDU AUX I/O TCON MAINT SUM-BB-MTK-0467_1[io..] Maintenance Logout

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MENU

- Detail Menu
- Current Status
- Easy Setup Wizard
- Equipment Setup
- Provisioning
- Maintenance Control
- Maintenance Test
- PMON / RMON Report
- Metering
- Current Metering
- Equipment Utility
- User Account / Security Setting
- Inventory
- S/W License Setup

Metering - Current Metering

Refresh Radio

Current Metering (MODEM (Slot01) - 1+0)

Refresh Cycle:

Normal Speed (10 [s]) High Speed (3 [s])

	MODEM (Slot01)
1+0	-
TX Power [dBm]	+27.0
RX Level [dBm]	-98.6
ODU Power Supply [V]	-52
BER	**
TX Modulation	16QAM
RX Modulation	16QAM

Cancel



METERING

The screenshot shows the NEC iPasolink 400A Ver3.55.04 Site Name SUM-BB-MTK-0124_5(10.61.81.34/Remote) interface. The top navigation bar includes tabs for DDU, IDU, AUX I/O, TON, and MAINT, with MAINT selected. A dropdown menu shows the site name SUM-BB-MTK-0467_1(No.1...), Maintenance, and Logout. The main menu on the left has a checked 'Detail Menu' option and lists various utility functions: Current Status, Easy Setup Wizard, Equipment Setup, Provisioning, Maintenance Control, Maintenance Test, PMON / RMON Report, Metering, Equipment Utility (with sub-options like Export, Update, Program ROM Switching, Log Clear Function, Shipment, and Date / Time Setting), User Account / Security Setting, Inventory, and S/W License Setup. The central panel displays the 'Equipment Utility - Date / Time Setting' configuration with the following values:

Date	03/02/2019
Time	00:26:26
Time Zone	+07:00

EQUIPMENT UTILITY

iPASOLINK 400A:Ver3.55.04 Site Name X iPASOLINK 400A:Ver3.55.04 Site Name X + *F.C. Internationale*
90% 

NEC Login User Admin Logout

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Service Status

SNMPv1 / v2c	Running
SNMPv3	Running
NTP	Stopped
FTP	Running
SFTP	Stopped
HTTP	Running
HTTPS	Stopped

SNMP

SNMPv1 / v2c	Running
SNMPv3	Running
UDP Port	161

SNMP Community

No.	Community Name	Access Level	Source IP Add...	Subnet Mask
1	nec_kolas	Admin	0.0.0.0	0.0.0.0
2				
3				
4				
5				
6				
7				
8				
9				
10				

SNMP

iPASOLINK 400A:Ver3.55.04 Site Na X iPASOLINK 400A:Ver3.55.04 Site Na X + *F.C. Internazionale* 1908

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IDU **ODU** **AUX I/O** **TCON** **MAINT**

SUM-BB-MTK-0467_1[No.1] Maintenance Logout

Inventory - Equipment Inventory Information

Refresh IDU ODU Export IDU Inventory Information

IDU / Card

Item	Code No.	Name	Serial No.	Manufactured Date	Hardware Version
IDU	NWA-078100-021	MDP-400MB-1AB	00047390	2018.07	1.02
Main Card	NWA-078104-221	MC-A4A	00047755	2018.07	1.02
FAN	NWA-055294-002	FAN-C	00557677	2018.07	2.00

Firmware Information

Item	Name	Current Version	Uncurrent Version
Main Card	MC-A4A	3.55.04	3.55.04

FPGA Information

Item	Code No.	Name	Version
Main Card	-	-	1.05
MODEM (U-Slot01 / 02)	-	-	7.02

Parameter Information

Item	Current Version
MODEM (U-Slot01)	16.00
MODEM (U-Slot02)	16.00

SFP / XFP Information

Item	Port	Type	Link Length [km]	Wavelength [nm]
Main Card	Port05	*****	***	*****
Main Card	Port06	*****	***	*****

iPASOLINK 400A:Ver3.55.04 Site Na X iPASOLINK 400A:Ver3.55.04 Site Na X + *F.C. Internazionale* 1908

NEC Login User:Admin Copyright(c) NEC Corporation 2010

IDU **ODU** **AUX I/O** **TCON** **MAINT**

SUM-BB-MTK-0467_1[No.1] Maintenance Logout

Inventory - Equipment Inventory Information

Refresh IDU ODU Export ODU Inventory Information

Unit Information

Item	Code No.	Name	Serial No.	Manufactured Date	Hardware Version
ODU (No.01)	NWA-078614-DC0	IAG	00029747	2017.09	60HA

Firmware Information

Item	Name	Current Version	Uncurrent Version
ODU (No.01)	IAG	1.18.0	1.18.0

Frequency Information

Item	TX Start Frequency [MHz]	TX Stop Frequency [MHz]	RX Start Frequency [MHz]	RX Stop Frequency [MHz]	Frequency Step [MHz]	Shift Frequency [MHz]	Upper / Lower	TX Phase	RX Phase	Sub Band
ODU (No.01)	07837.475	07969.250	08148.795	08280.570	000.050	0311.320	Lower	Reverse	Reverse	D

INVENTORY

Attachment 3 : Photo Image

1. Site View



2. Tower



3. Shelter



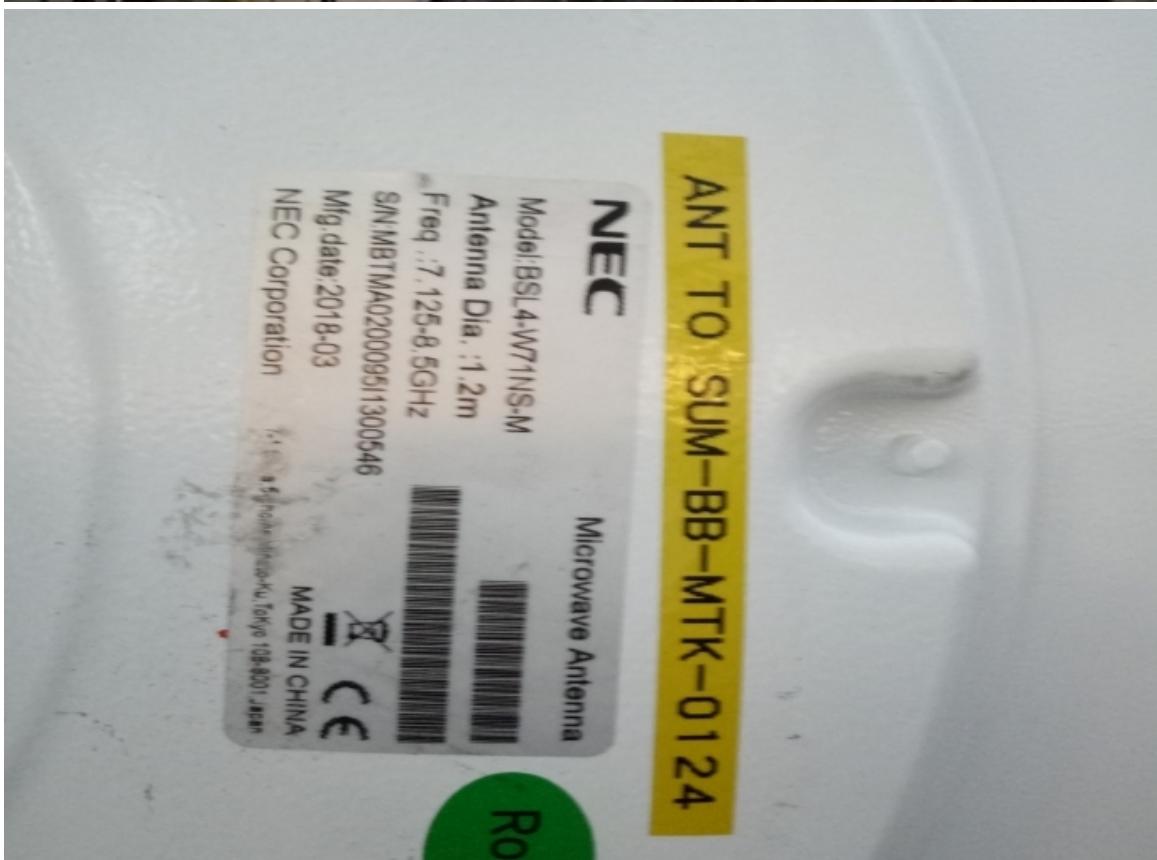
4. Rack" 19



5. Tower (view of position anttena)



6. Antenna



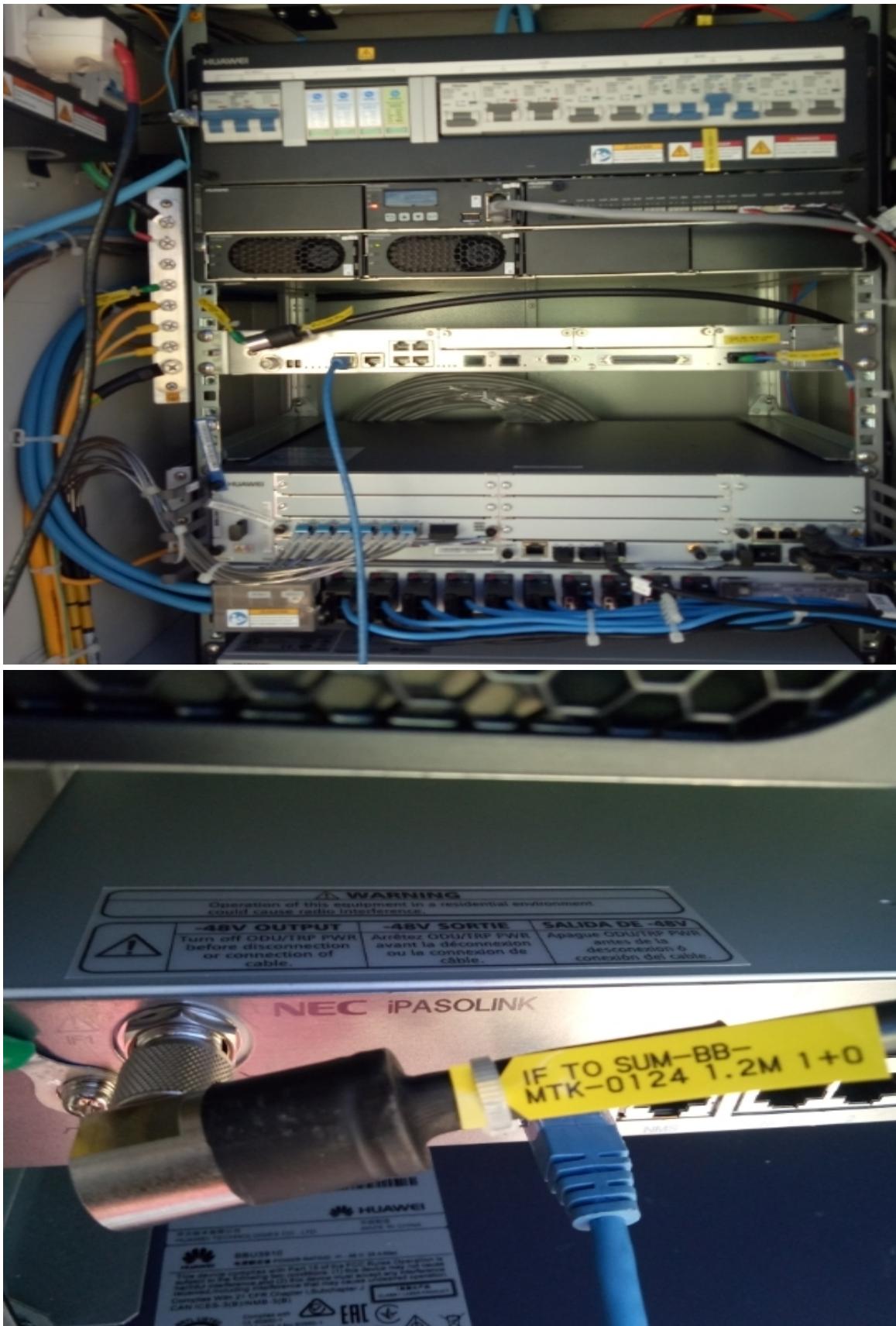
7. ODU



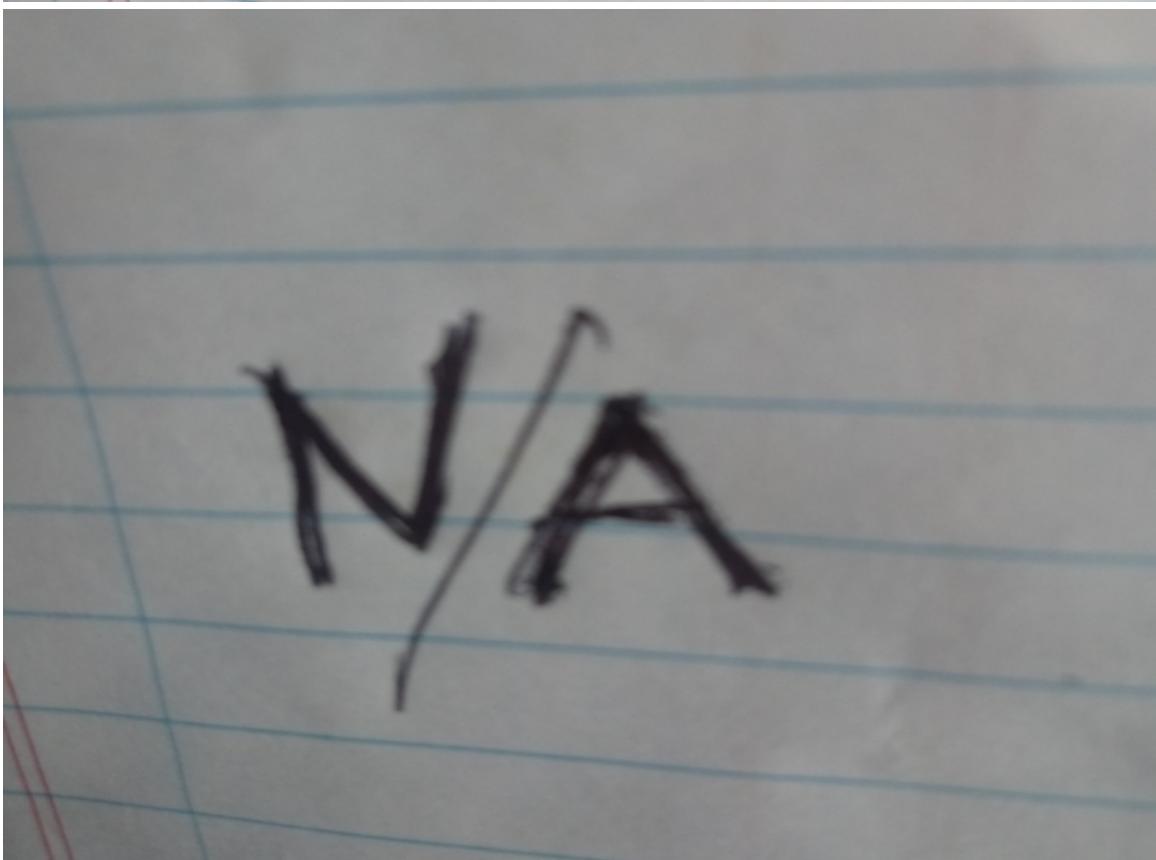
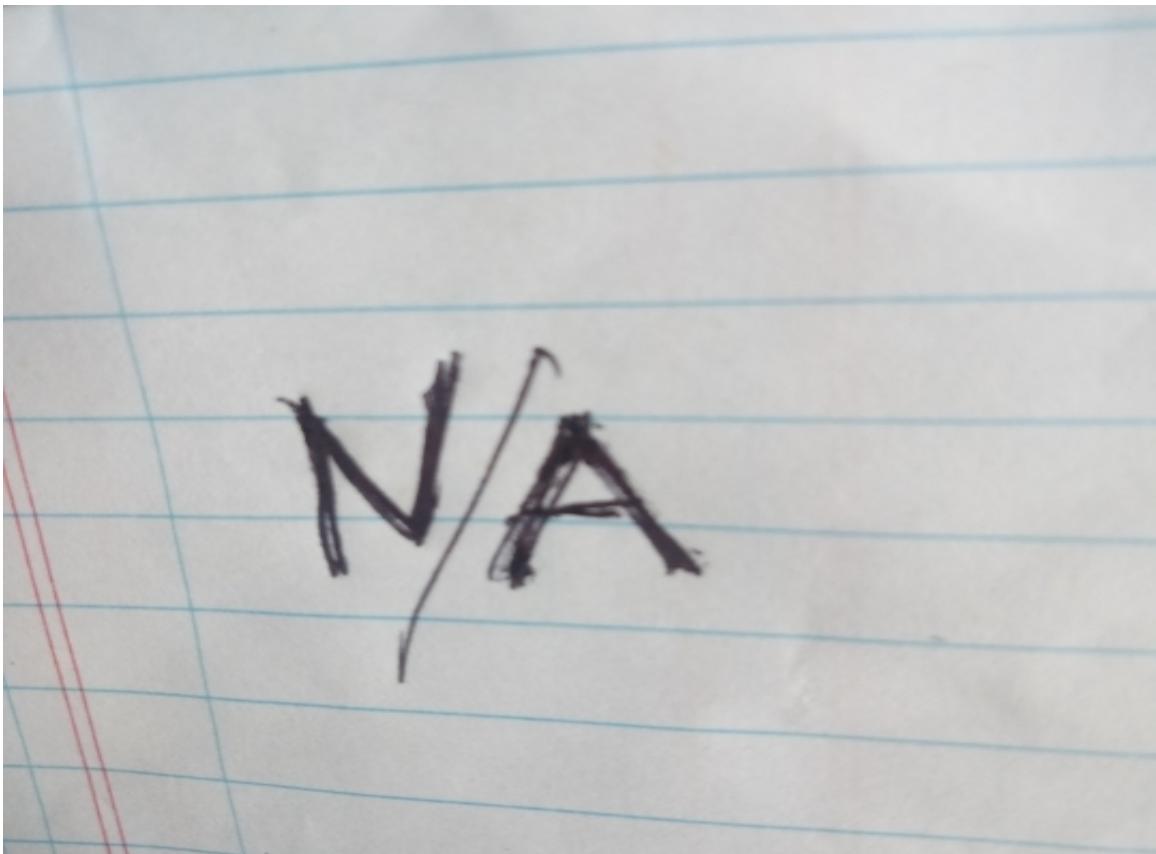
8. Grounding ODU & Earthingkit



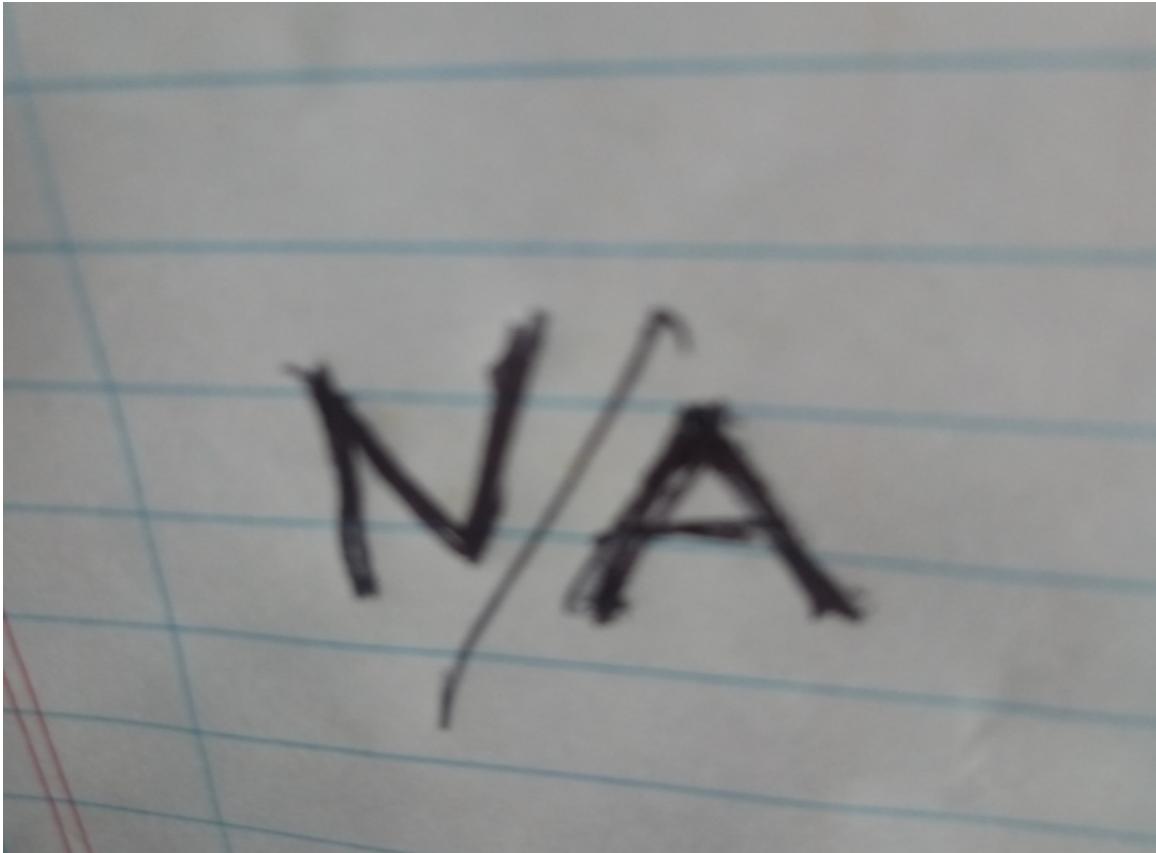
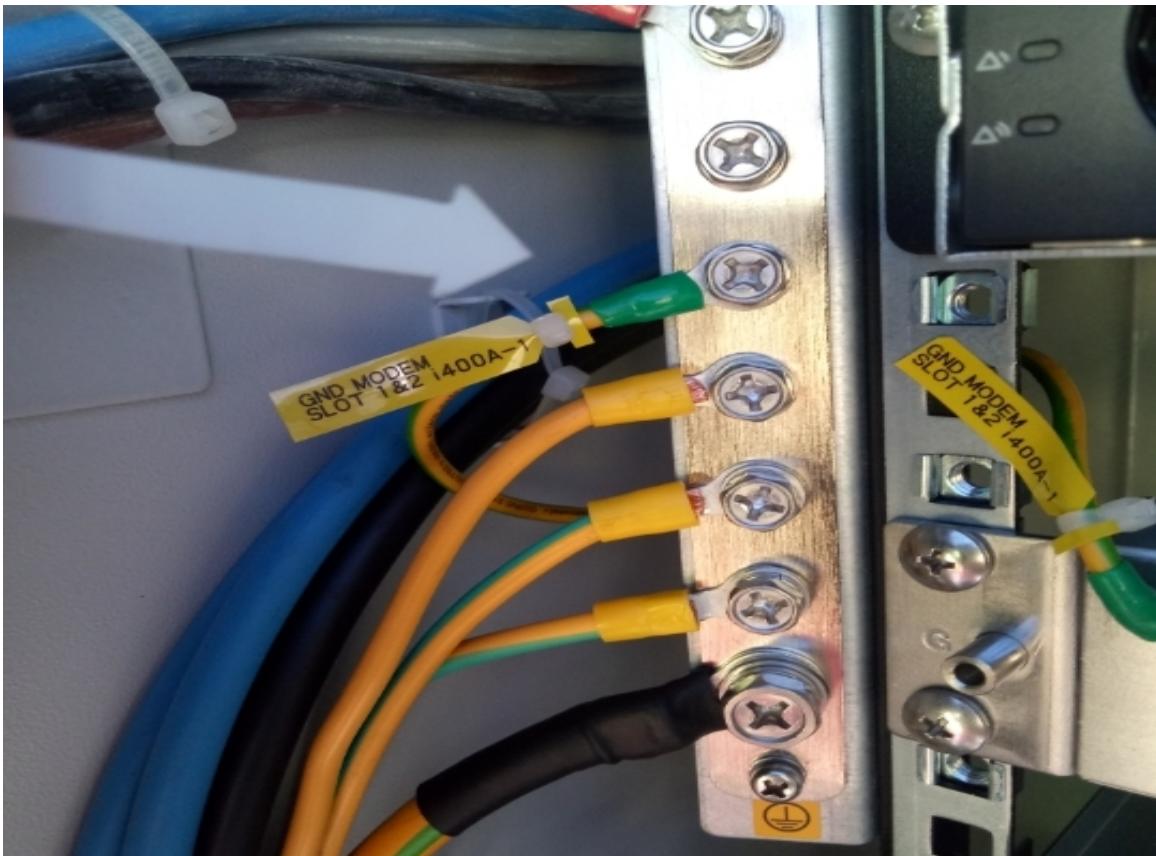
9. IDU



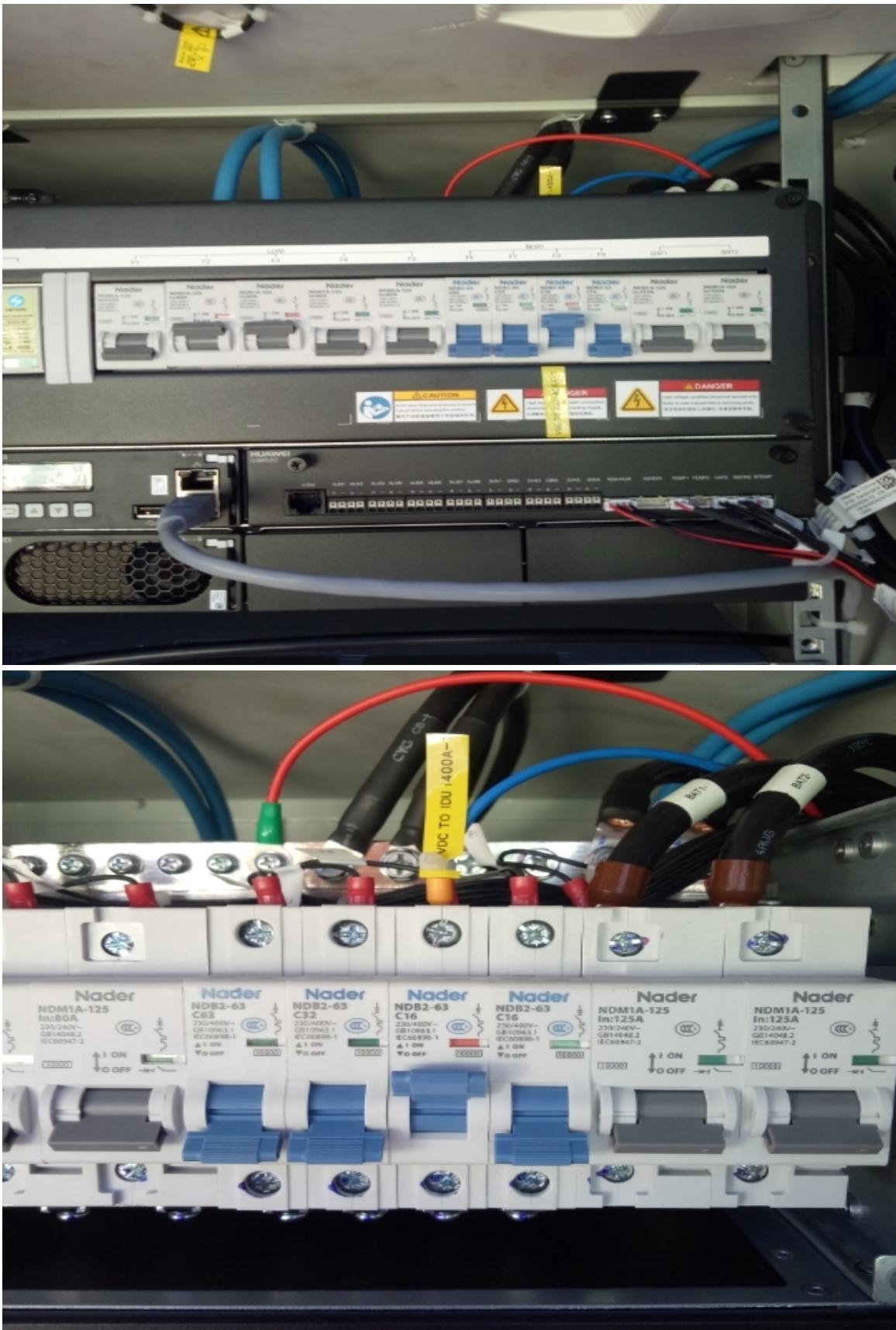
10. DDF_LSA



11. Grounding IDU & DDF



12. DCCB



13. BER Test



**ACCEPTANCE TEST DOCUMENT
FAR END**



BERITA ACARA SERAH TERIMA

Vendor / Contractor Name* : PT. ALITA PRAYA MITRA
Project Name* : 19/B1/NEC/NS-TRM-Seahawk Service3
Site ID / Site Name* : SUM-BB-MTK-0467 / LTE Pangek Bangka Barat
Opposite Site ID/Site Name* : SUM-BB-MTK-0124 / Simpang Jebus
Site Coordinate* : E/W; 1.89715 S/N; 105.378961
Area* : SUM 3
No. EWO/NBWO* : SL-G157-FT-2429-169

Pada hari ini, Rabu tanggal 06 bulan 03 tahun 2019, kami yang bertanda tangan di bawah ini, menyatakan bahwa pekerjaan, yang meliputi :

Installasi dan Pengetesan Radio iPaso , Ghz, Mbps

pada lokasi tersebut di atas *telah selesai dilaksanakan dan diterima sesuai dengan ruang lingkup pekerjaan yang diberikan.* dengan :

Durasi waktu penggerjaan* : _____ hari kalender
Tanggal pelaksanaan* : _____ hari kalender
Tanggal penyelesaian* : _____ hari kalender
Tanggal aktual penyelesaian* : _____ hari kalender
Delay penggerjaan* : _____ hari kalender

Alasan delay penggerjaan*:

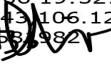
e. _____ : _____ hari kalender
f. _____ : _____ hari kalender
g. _____ : _____ hari kalender
h. _____ : _____ hari kalender

Demikian Berita Acara ini dibuat dengan sebenar-benarnya dan dapat dipergunakan sebagaimana mestinya.

PT. XL Axiata Tbk.

PT. Alita Praya Mitra

2019-03-06 19:52:16
-2.1077943 106.1226261
628199583982


Budi Oktavian

2019-03-06 19:51:34
-2.1077943 106.1226261
6281995839810


sugiar.ta

*Note : Wajib diisi



Acceptance Test Document Microwave Radio System

RADIO TYPE :

Ericsson Minilink TN Huawei RTN NEC iPaso

VENDOR NAME	: PT. ALITA PRAYA MITRA
PROJECT NAME	: 19/B1/NEC/NS-TRM-Seahawk Service3
SITE ID / SITE NAME	: SUM-BB-MTK-0467 / LTE Pangek Bangka Barat
OPPOSITE ID / SITE NAME	: SUM-BB-MTK-0124 / Simpang Jebus
DATE OF ACCEPTANCE	: 2019-03-10 08:31:12
ACCEPTANCE STATUS	: <input checked="" type="checkbox"/> PASS <input type="checkbox"/> PASS WITH PENDING ITEMS <input type="checkbox"/> REJECTED

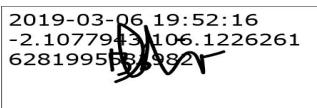
ACCEPTANCE BY :

VENDOR



1. sugiar.ta / 2019-03-06 19:51:34 / 6281995628410

PT XL AXIATA Tbk.



1. Budi Oktavian / 2019-03-06 19:52:16 / 6281995581982

2019-03-10 08:31:12
62819874818

2. Joserenater Sihombing / 2019-03-10 08:31:12 / 62819874818

9) Visual Check

1) Serial Number

Site ID / Site Name : SUM-BB-MTK-0467 / LTE Pangek Bangka Barat

UNIT	Type	Serial No
IDU		
ODU 1		
ODU 2(*)		
Hybrid(*)		
Antenna 1		
Antenna 2(*)		

(*) Only for applicable configuration

Opposite ID / Site Name : SUM-BB-MTK-0124 / Simpang Jebus

UNIT	Type	Serial No
IDU		
ODU 1		
ODU 2(*)		
Hybrid(*)		
Antenna		
Antenna 2(*)		

(*) Only for applicable configuration

2) Antenna

Antenna	Diameter (M)	Height (M)	Polarization
Site 1 :			
Site 2 :			

	Item Check	OK	NOK
3)	Check the physical out-door installation.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4)	Check the radio indoor equipment installation.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5)	Indoor cable rack and structure installation.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6)	Labeling.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7)	Grounding cable installation.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

10) Configuration Check

Site 1 Set-Up	Channel 1	Channel 2 (*)
Sub Band		
Transmitted Frequency	(MHz)	(MHz)
Received Frequency	(MHz)	(MHz)
Channel Band Width	(MHz)	(MHz)
Transmitted Power	dBm	dBm
Modulation Setting		
Number of E1		
Ethernet Bandwidth	(MBPS)	(MBPS)

Site 2 Set-Up	Channel 1	Channel 2 (*)
Sub Band		
Transmitted frequency	(MHz)	(MHz)
Received frequency	(MHz)	(MHz)
Channel Band Width	(MHz)	(MHz)
Transmitted power	dBm	dBm
Modulation Setting		
Number of E1		
Ethernet Bandwidth	(MBPS)	(MBPS)

(*) only if applicable

11) Receive Power Level Result

Item	Station A		Station B	
	ODU 1	ODU 2 (**)	ODU 1	ODU 2 (**)
Rx level in link budget	dBm	dBm	-31.82 dBm dBm	dBm
Rx Level	-31.82 dBm dBm	dBm	-31.82 dBm dBm	dBm
Tx Power	dBm	dBm	dBm	dBm

(**) if Applicable

12) Protection Switching Test

System Configuration : 1+1HSB 1+1FD 1+1SD

Site	Switching Test Result
Site 1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> NOK <input type="checkbox"/> NA(*)
Site 2	<input checked="" type="checkbox"/> OK <input type="checkbox"/> NOK <input type="checkbox"/> NA(*)

(*) if the configuration only 1+0

13) Interference Check

Item	Site 1 (Tx Off on Site 2)		Site 2 (Tx Off on Site 1)	
	ODU 1	ODU 2 (**)	ODU 1	ODU 2 (**)
Receive level				

14) DCN Configuration

Station Name	Site 1	Site 2
	Name :	Name : SUM-BB-MTK-0467
NE ID		255.255.255.248
IP Address	10.61.81.33	Simpang Jebus
Net Mask	SUM-BB-MTK-0124	
Gateway	255.255.255.248	

15) QoS Setting

Item	Set/Default	Remarks
P-Bit	<input checked="" type="checkbox"/> Set <input type="checkbox"/> Default	Shall be set as attached document
DSCP	<input checked="" type="checkbox"/> Set <input type="checkbox"/> Default	Shall be set as attached document
Queue Size	<input checked="" type="checkbox"/> Set <input type="checkbox"/> Default	Shall be set as attached document

16) Test & Measurement

a) BER Test

SETUP	Radio 1	Radio 2
Bit Error Rate	<input type="checkbox"/> OK <input checked="" type="checkbox"/> NOK	<input type="checkbox"/> OK <input checked="" type="checkbox"/> NOK

b) Ethernet Test

Item Test	Specification	Measurement	Result
LAN Interface	Connection Test (ping test FE/GE to FE/GE one Hop – IuB & OAM)		<input type="checkbox"/> OK <input type="checkbox"/> NOK <input checked="" type="checkbox"/> N/A

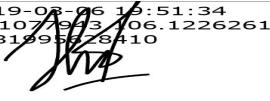
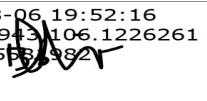
PENDING ITEMS

Please list down all pending items and its timeline to be completed

NO	ITEM	TARGET COMPLETION	PIC	CONTACT NO.	STATUS COMPLETION

ADDITIONAL NOTES :

passed

Acceptance by : VENDOR  2019-03-06 19:51:34 -2.1077943106.1226261 628199588410	Verified and Approved by : ENGINEER  2019-03-06 19:52:16 -2.1077943106.1226261 628199588410
Name : sugiar.ta Date : 2019-03-06 19:51:34	Name : Budi Oktavian Date : 2019-03-06 19:52:16 SUPERVISOR 2019-03-10 08:31:12 62819874818

Attachment 1 : Terminal Inventory

For NEC iPaso 200 :

No	Slot Number	Module Name	Serial Number	Destination
1	Line slot no 1	Blank Panel		
		Aux		
2	Line slot no 2	Blank Panel		
		16 E1		
		Channelized STM-1		
3	Line slot no 3	Blank Panel		
		External Power		

For NEC iPaso 400 & iPaso 1000 :

Universal Slot Number	MODULE NAME	SERIAL NUMBER	DESTINATION

Attachment 2 : Capture Ping Result, NMS & QoS Setting



CURRENT STATUS



EQUIPMENT SETUP



NMS



iPASOLINK 400A:Ver3.55.04 Site Name X | iPASOLINK 400A:Ver3.55.04 Site Name X | +

← → C iPASOLINK 400A:Ver3.55.04 Site Name:SUM-BB-MTK-0124_5(10.61.81.34/Remote)

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1908*

NEC Login User:Admin

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MENU

Detail Menu

ODU IDU AUX IO TCR MAINT

SUM-BB-MTK-0467_1(No.: Maintenance Logout

Provisioning - MODEM Function Setting - TX Power Setting

MODEM (Slot01)

1+0

-

ATPC Range (MAX) [dBm]	
ATPC Range (MIN) [dBm]	
MTPC TX Power [dBm]	27
RX Threshold [dBm]	-81

ETH Function Setting

E1 / STM-1 / Cross Connect Setting

PWE Setting

Equipment Clock / Synchronization

Relay-Alarm Mapping Setting

SC / OW Setting

Alarm / AIS Setting

PMON / RMON Setting

AUX Setting

Maintenance Control

Maintenance Test

PMON / RMON Report

Metering

Equipment Utility

User Account / Security Setting

Inventory

S/W License Setup

MODEM FUNCTION SETTING

iPASOLINK 400A:Ver3.55.04 Site Name X iPASOLINK 400A:Ver3.55.04 Site Name X + *F.C. Internazionale* 1908

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MENU

- Detail Menu
- [Current Status](#)
- [Easy Setup Wizard](#)
- [Equipment Setup](#)
- [Provisioning](#)
 - [MODEM Function Setting](#)
 - [ETH Function Setting](#)
 - [E1 / STM-1 / Cross Connect Setting](#)
 - [PWE Setting](#)
 - [Equipment Clock / Synchronization Setting](#)
 - [Relay-Alarm Mapping Setting](#)
 - [SC / OW Setting](#)
 - [Alarm / AIS Setting](#)
 - [PMON / RMON Setting](#)
 - [AUX Setting](#)
- [Maintenance Control](#)
- [Maintenance Test](#)
- [PMON / RMON Report](#)
 - [MODEM PMON Report](#)
 - [E1 PMON Report](#)
 - [STM-1 PMON Report](#)
 - [ETH RMON Report](#)
 - [VLAN Counter Report](#)
 - [Metering](#)
 - [Equipment Utility](#)
 - [User Account / Security Setting](#)
 - [Inventory](#)
 - [S/W License Setup](#)

PMON / RMON Report - ETH RMON Report

MC-A4A MODEM (Slot01)

	Port01	
	15min	1day
RX Octs	623	146717
TX Octs	1771	83435
RX Pkts	8	469
TX Pkts	25	840
RX Drop Events	0	0
RX Undersize Pkts	0	0
RX Fragments	0	0
RX 64Octs	5	204
TX 64Octs	20	618
RX 65 to 127Octs	3	158
TX 65 to 127Octs	5	166
RX 128 to 255Octs	0	0
TX 128 to 255Octs	0	0
RX 256 to 511Octs	0	17
TX 256 to 511Octs	0	25
RX 512 to 1023Octs	0	8
TX 512 to 1023Octs	0	31
RX 1024 to 1518Octs	0	82
TX 1024 to 1518Octs	0	0
RX CRC Alignment Errors	0	0
RX Oversize Pkts	0	0
TX Oversize Pkts	0	0



ETH FUNCTION SETTING



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Provisioning - ETH Function Setting - QoS / Classification Setting

QoS Port Setting List

Item	Slot	Port	Port Name	Scheduling Mode	Drop Mode	Internal Priority Queueing Policy per Ingress							Egress Shaper Rate [Mbps]	Class Info	
						Internal Priority0	Internal Priority1	Internal Priority2	Internal Priority3	Internal Priority4	Internal Priority5	Internal Priority6			Internal Priority7
MC-A4A		Port01		2xSP+6xDWRR	WTD	1	2	3	4	5	6	7	7	1000	Detail
MC-A4A		Port02	to port 3 ip 10.61.81.196	2xSP+6xDWRR	WTD	1	2	3	4	5	6	7	7	1000	Detail
MC-A4A		Port03		2xSP+6xDWRR	WTD	1	2	3	4	5	6	7	7	1000	Detail
MC-A4A		Port04		2xSP+6xDWRR	WTD	1	2	3	4	5	6	7	7	1000	Detail
MC-A4A		Port05		2xSP+6xDWRR	WTD	1	2	3	4	5	6	7	7	1000	Detail
MC-A4A		Port06		2xSP+6xDWRR	WTD	1	2	3	4	5	6	7	7	1000	Detail
MODEM	Slot01	Port01	TO SUM-BB-MTK-0124_1+0_1.2M	2xSP+6xDWRR	WTD	1	2	3	4	5	6	7	7	90.33	Detail

QoS

iPASOLINK 400A:Ver3.55.04 Site Name X iPASOLINK 400A:Ver3.55.04 Site Name X + *F.C. Internazionale* 1908

NEC Login User:Admin

DDU IDU AUX I/O TCN MAINT

SUM-BB-MTK-0467_1(No.:
SUM-BB-MTK-0467_1(No.1 ...
NMS
Main / Port02

Maintenance Logout

HMENU

Detail Menu

- Current Status
- Easy Setup Wizard
- Equipment Setup
- Provisioning
 - MODEM Function Setting
 - ETH Function Setting
 - E1 / STM-1 / Cross Connect Setting
 - Cross Connect Setting
 - E1 Port Setting
 - STM-1 Port Setting
 - PWE Setting
 - Equipment Clock / Synchronization
 - Relay-Alarm Mapping Setting
 - SC / OW Setting
 - Alarm / AIS Setting
 - PMON / RMON Setting
 - AUX Setting
 - Maintenance Control
 - Maintenance Test
 - PMON / RMON Report
 - Metering
 - Equipment Utility
 - User Account / Security Setting
 - Inventory
 - S/W License Setup

The Total Number of Cross Connect : 0 / 168

Edge A								
Service No.	Service Name	Item	Slot	Port	CH (KLM / CH)	Port Type	Port / CH Name	Online Connection

iPASOLINK 400A:Ver3.55.04 Site Name X iPASOLINK 400A:Ver3.55.04 Site Name X + *F.C. Internazionale* 1908

NEC Login User:Admin

DDU IDU AUX I/O TCN MAINT

SUM-BB-MTK-0467_1(No.:
SUM-BB-MTK-0467_1(No.1 ...
NMS
Main / Port02

Maintenance Logout

HMENU

Detail Menu

- Current Status
- Easy Setup Wizard
- Equipment Setup
- Provisioning
 - MODEM Function Setting
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 - E1 / STM-1 / Cross Connect Setting
 - Cross Connect Setting
 - E1 Port Setting
 - STM-1 Port Setting
 - PWE Setting
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 - Relay-Alarm Mapping Setting
 - SC / OW Setting
 - Alarm / AIS Setting
 - PMON / RMON Setting
 - AUX Setting
 - Maintenance Control
 - Maintenance Test
 - PMON / RMON Report
 - Metering
 - Equipment Utility
 - User Account / Security Setting
 - Inventory
 - S/W License Setup

Provisioning - E1 / STM-1 / Cross Connect Setting - E1 Port Setting

Refresh

MC-A4A

Modify

CH Usage	CH Usage Error Report	Impedance [Ω]	Port Name
CH01	Not Used	Not Report	120
CH02	Not Used	Not Report	120
CH03	Not Used	Not Report	120
CH04	Not Used	Not Report	120
CH05	Not Used	Not Report	120
CH06	Not Used	Not Report	120
CH07	Not Used	Not Report	120
CH08	Not Used	Not Report	120
CH09	Not Used	Not Report	120
CH10	Not Used	Not Report	120
CH11	Not Used	Not Report	120
CH12	Not Used	Not Report	120
CH13	Not Used	Not Report	120
CH14	Not Used	Not Report	120
CH15	Not Used	Not Report	120
CH16	Not Used	Not Report	120

CROSS CONNECT



EQUIPMENT CLOCK / SYNCHRONIZE



iPASOLINK 400A/Ver3.55.04 Site Name X | iPASOLINK 400A/Ver3.55.04 Site Name X | + | *F.C. Internazionale* 1908 | <http://10.91.91.24:8080/index.cgi>

NEC Login User:Admin | ODU | IDU | AUX I/O | TCM | MAINT | SUM-BB-MTK-0467_1[No.1 ...] | Maintenance | Logout

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MENU | Detail Menu | Refresh | PHON / RMON Report - E1 PHON Report | NMS | Main / Port02

	MC-A4A	
	15min	1day
E1 CV CH01		
E1 CV CH02		
E1 CV CH03		
E1 CV CH04		
E1 CV CH05		
E1 CV CH06		
E1 CV CH07		
E1 CV CH08		
E1 CV CH09		
E1 CV CH10		
E1 CV CH11		
E1 CV CH12		
E1 CV CH13		
E1 CV CH14		
E1 CV CH15		
E1 CV CH16		

PMON REPORT



iPASOLINK 400A:Ver3.55.04 Site Name X | iPASOLINK 400A:Ver3.55.04 Site Name X | +

← → C iPASOLINK 400A:Ver3.55.04 Site Name:SUM-BB-MTK-0124_5(10.61.81.34/Remote)

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NEC Login User:Admin ODU IDU AUI IO TCR MAINT

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MENU

Detail Menu

- Current Status
- Easy Setup Wizard
- Equipment Setup
- Provisioning
- Maintenance Control
- Maintenance Test
- PMON / RMON Report
- Metering
- Current Metering
- Equipment Utility
- User Account / Security Setting
- Inventory
- S/W License Setup

Metering - Current Metering

MODEM (Slot01)

1+0
-

TX Power [dBm] +27.0

RX Level [dBm] -29.8

ODU Power Supply [V] -52

BER 0.0E-10

TX Modulation 16QAM

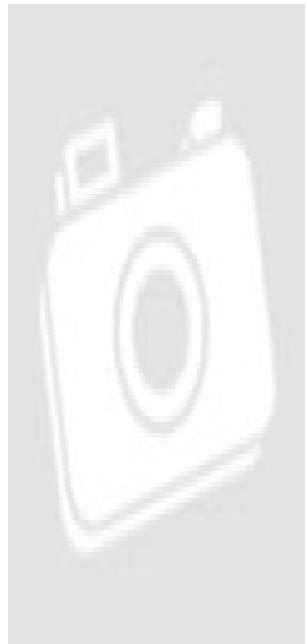
RX Modulation 16QAM

FAN Speed

FAN Speed1 [rpm]	10620
FAN Speed2 [rpm]	10590
FAN Speed3 [rpm]	11100

Offline Maintenance

METERING



EQUIPMENT UTILITY



iPASOLINK 400A:Ver3.55.04 Site Name X | iPASOLINK 400A:Ver3.55.04 Site Name X | + *F.C. Internazionale* 1908

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NEC Login User:Admin

ODU IDU AUX I/O TON MAINT

SUM-BB-MTK-0467_1[No...]

Maintenance Logout

User Account / Security Setting - Security Management - Service Status Setting

SNMP Trap Entry

No.	SNMP Version	PDU Type	IP Address	UDP Port	Community Name	Security Level	SNMP Engine ID	Auth Algorithm	Priv Algorithm
1									

HTTP

NTP	Status
NTP Server Mode	Unicast
NTP Client Mode	Unicast
Stratum	15
Multicast Port	Bridge01
Multicast Interval	1 [min] 4 [s] (64 [s])

NTP Server Address

No.	IP Address	NTP Version	Poll Time
1	0.0.0.0	4	1 [min] 4 [s] (64 [s])
2	0.0.0.0	4	1 [min] 4 [s] (64 [s])
3	0.0.0.0	4	1 [min] 4 [s] (64 [s])
4	0.0.0.0	4	1 [min] 4 [s] (64 [s])

FTP

FTP	Status
TCP Port (Command)	21
TCP Port (Data)	20
MAX Session	3
Auto Stop	Enable

SNMP



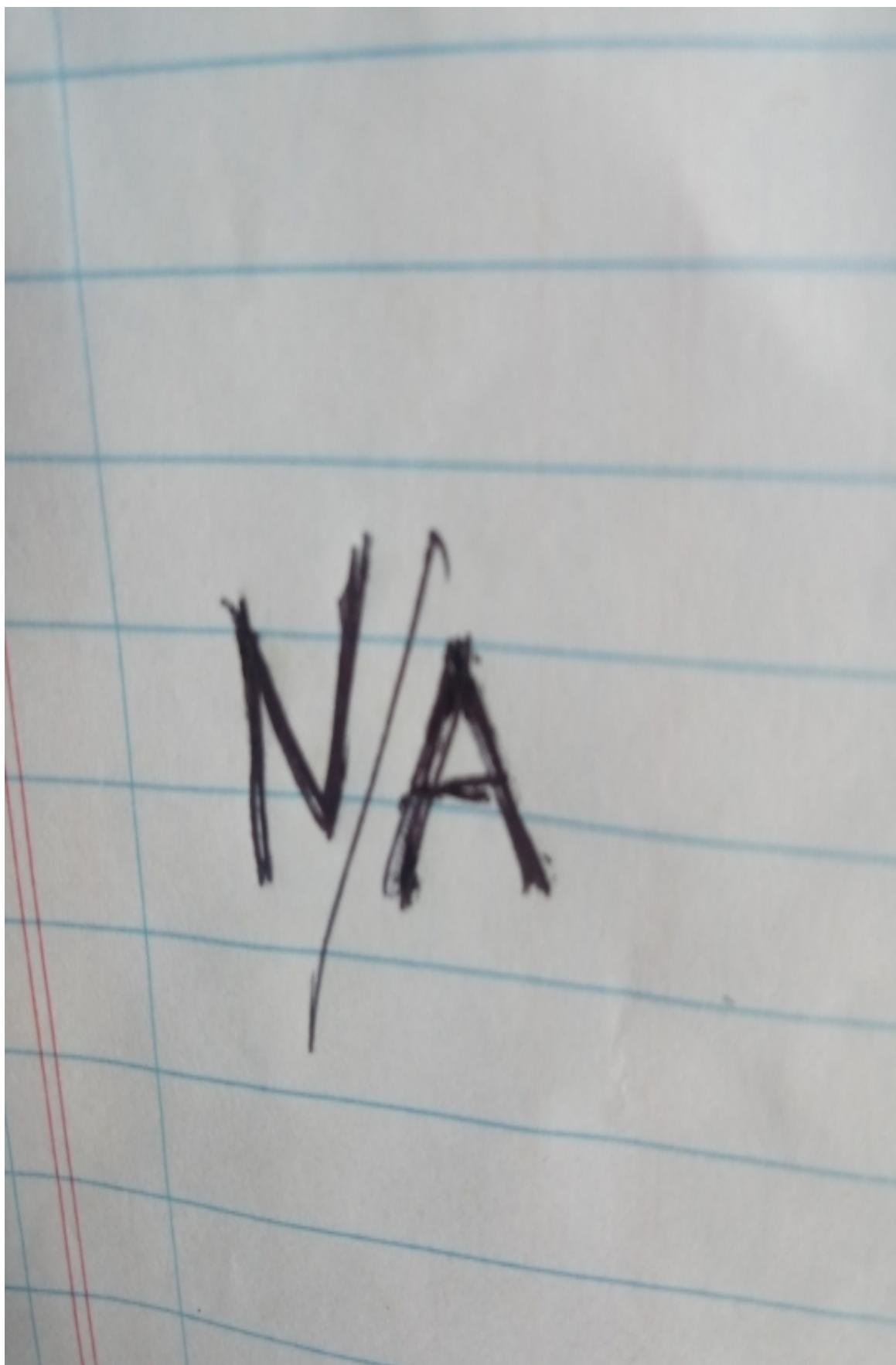
INVENTORY

Attachment 3 : Photo Image

1. Site View



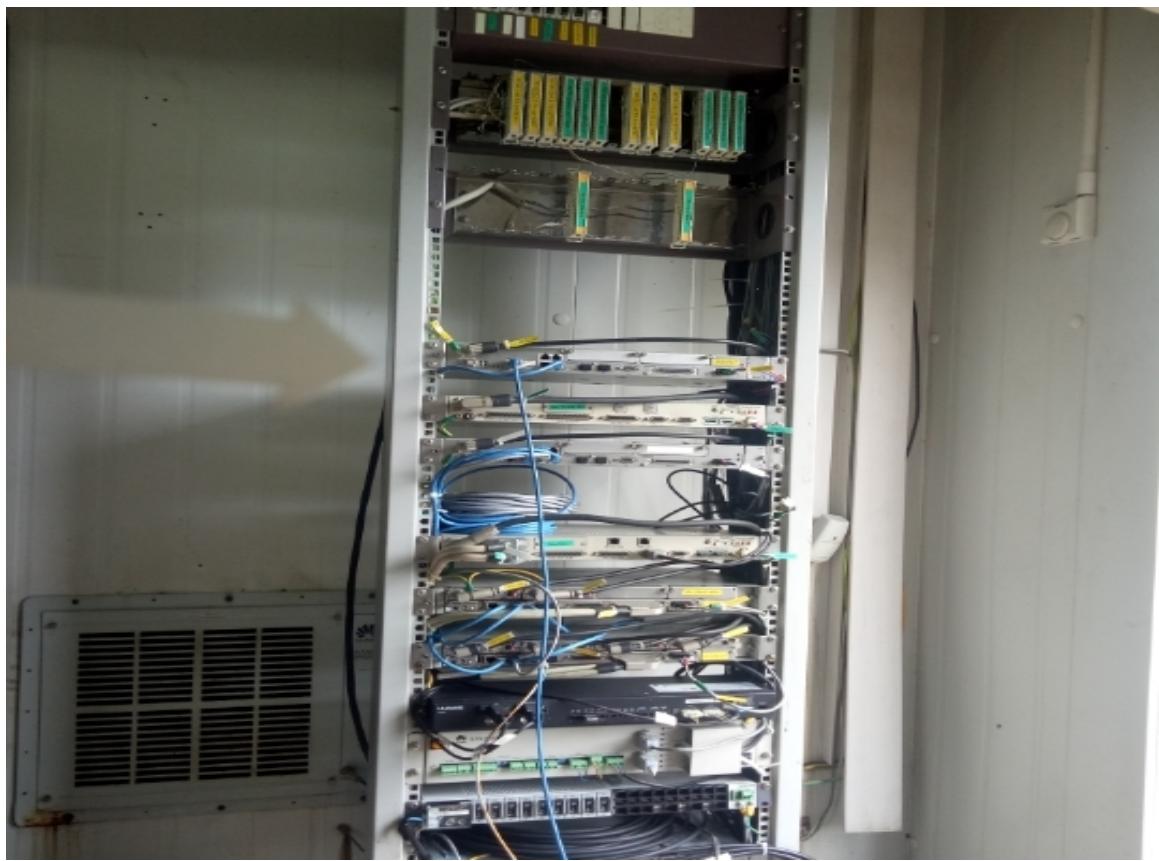
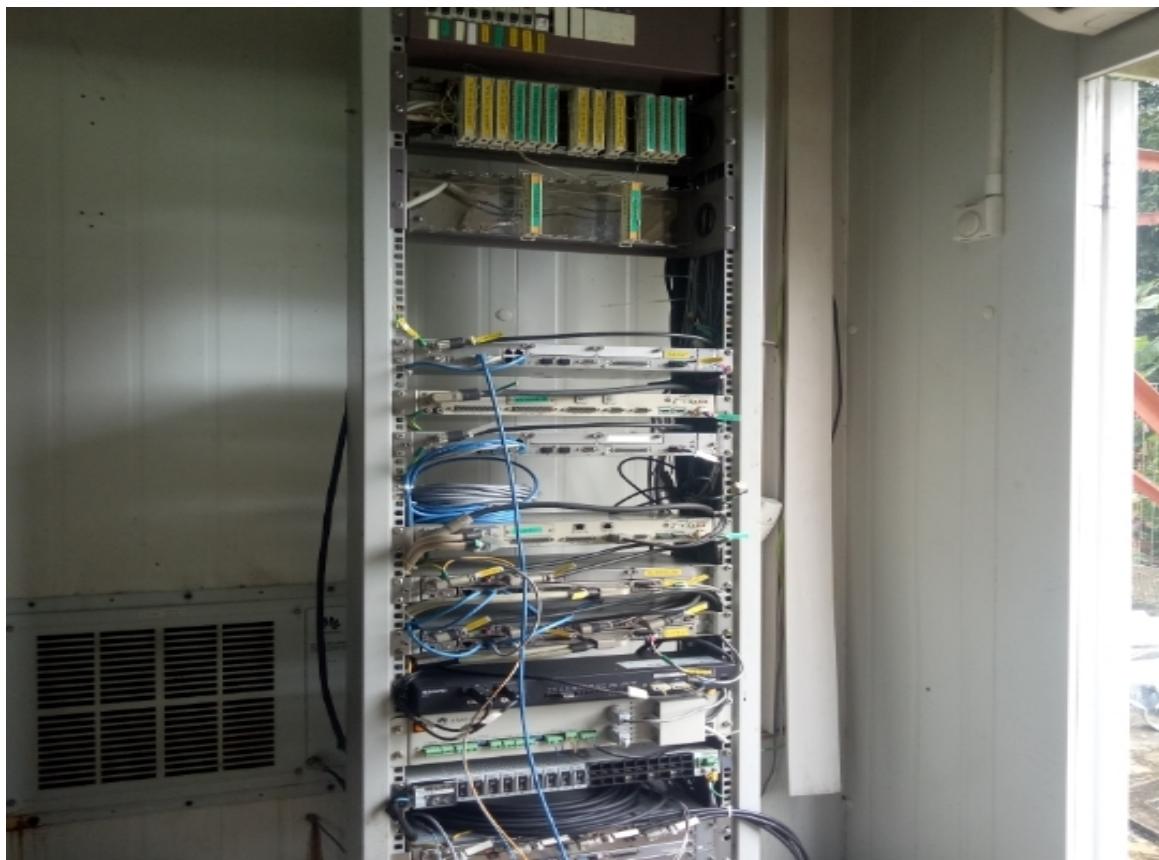
2. Tower



3. Shelter



4. Rack" 19



5. Tower (view of position anttena)



6. Antenna



7. ODU



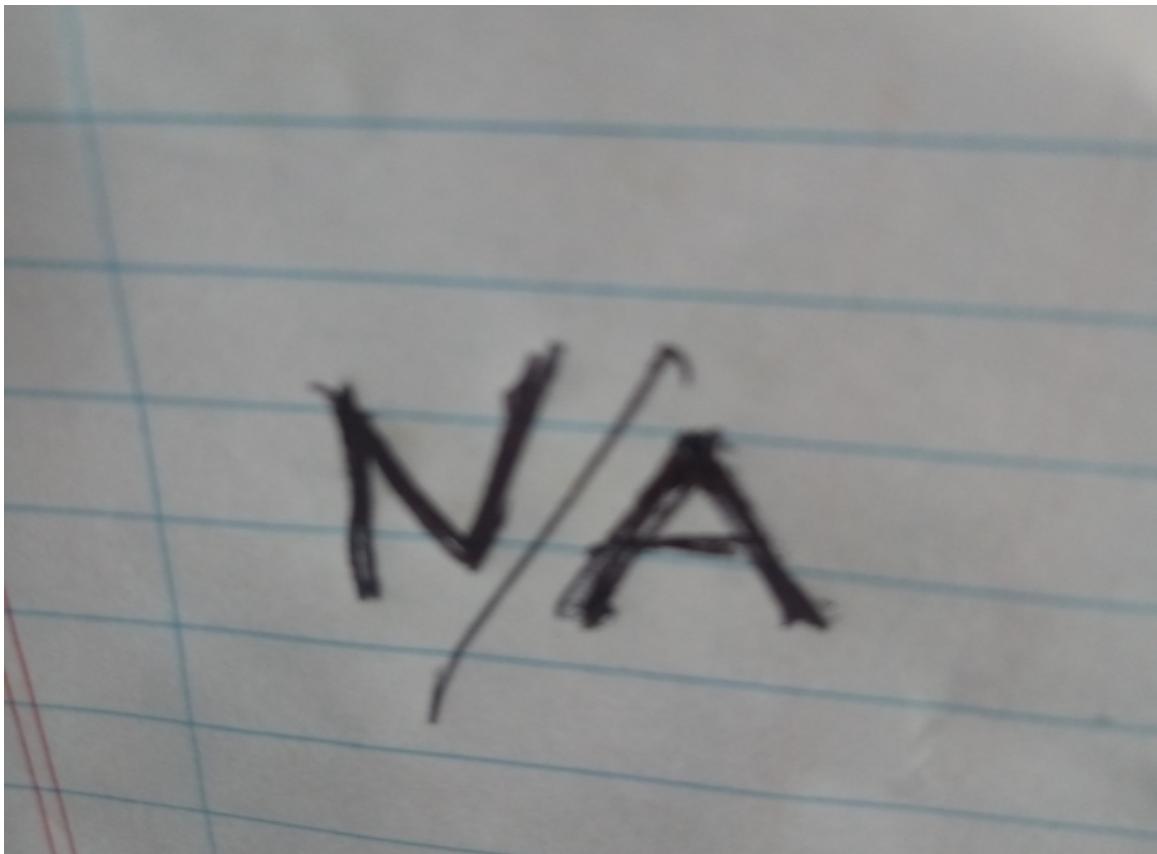
8. Grounding ODU & Earthingkit



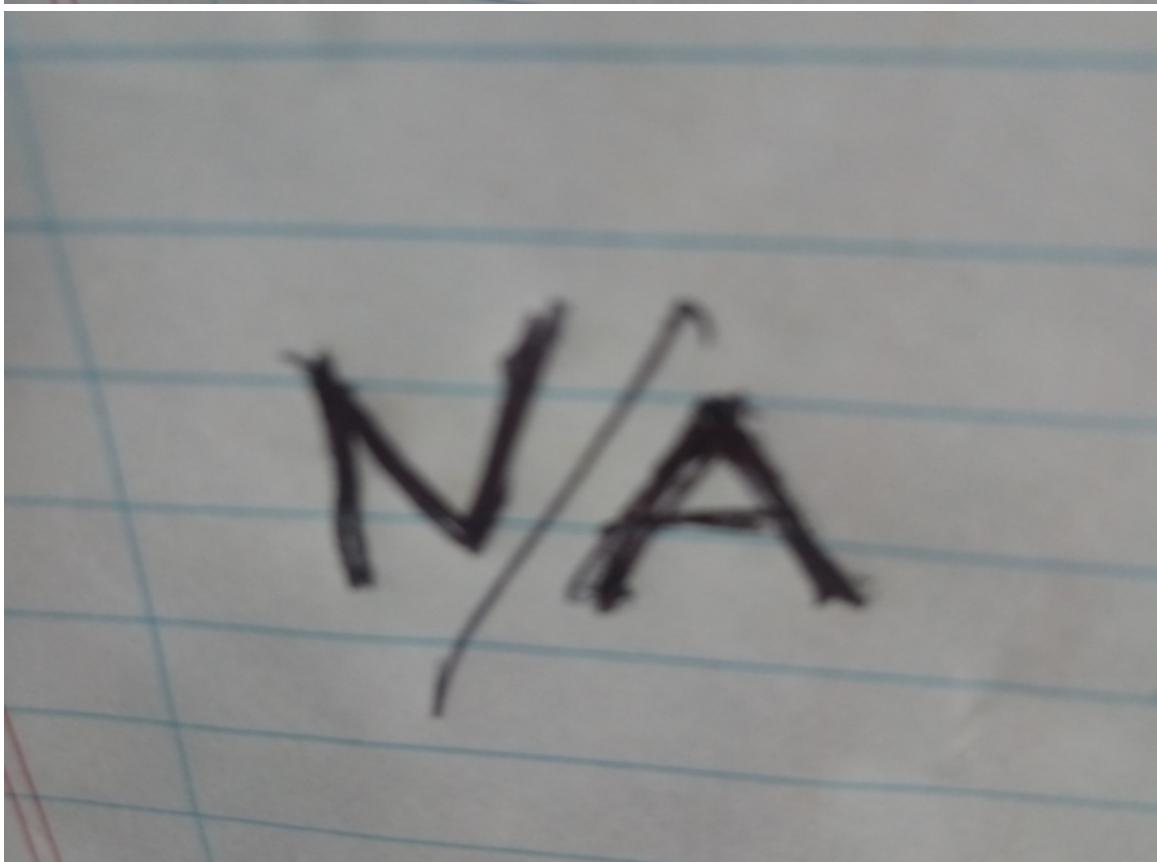
9. IDU



10. DDF_LSA



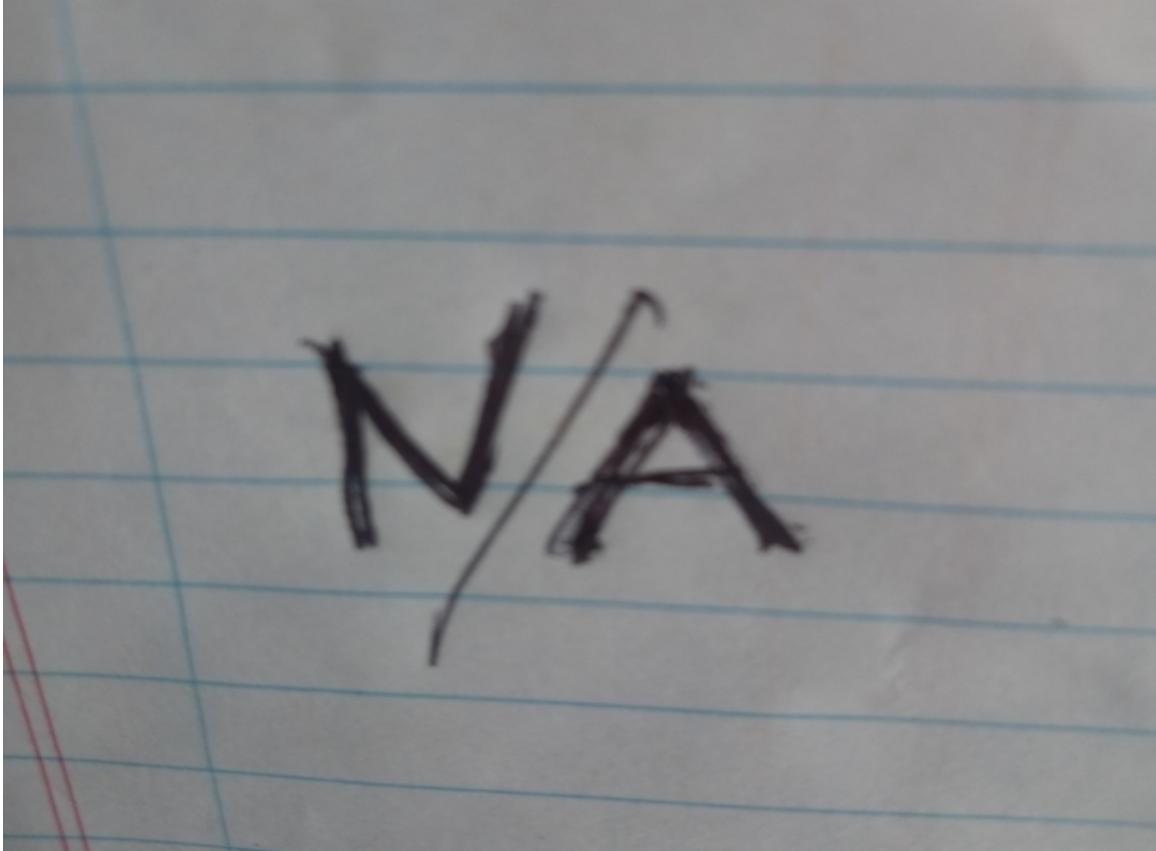
NA

A large, bold, black handwritten mark consisting of the letters 'N' and 'A' joined together. The letters are written in a cursive or semi-cursive style. A diagonal line is drawn through the letters from the top-left corner to the bottom-right corner.

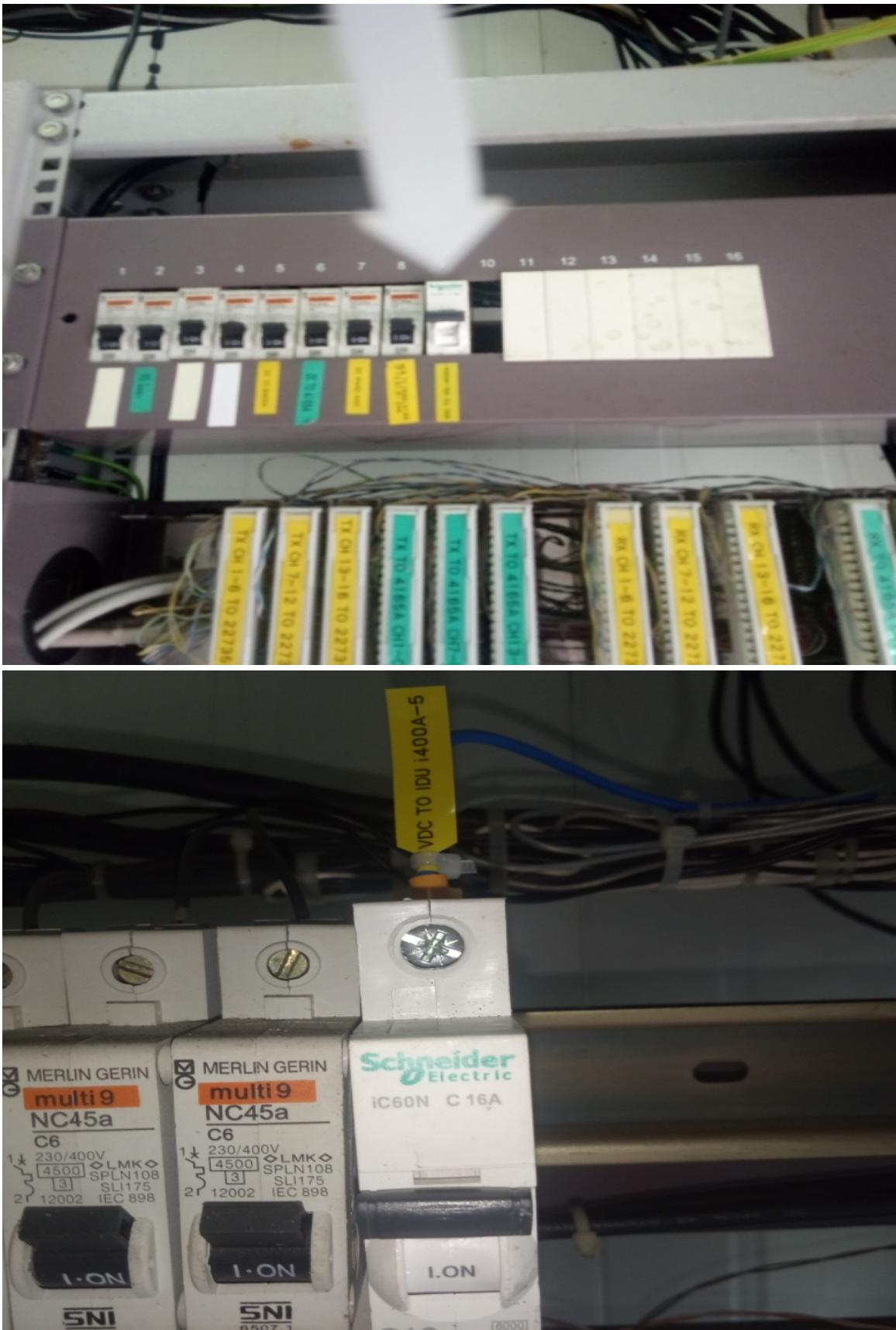
NA

A large, bold, black handwritten mark consisting of the letters 'N' and 'A' joined together. The letters are written in a cursive or semi-cursive style. A diagonal line is drawn through the letters from the top-left corner to the bottom-right corner.

11. Grounding IDU & DDF



12. DCCB



DIN/BOQ

- Attachment DIN / BOQ



Link Budget

FOTO COPY UNTUK PENERIMA

Log-004
DR: 19.000
LOT: 22
TYPE: L
NO MR:

DELIVERY NOTE
10.15527_DN/APM-LOG/II/2019

PT. XL AXIATA
PT. ALITA PRAYA MITRA - JAKARTA
GEMA

PANGEK_BANGKA_BARATSUM-BB-MTK-0467<>D668
SUM-BB-MTK-0467<>D668

Delivery Address: PANGEK_BANGKA_BARAT_Bangka
PIC: ABI.S +62 815-5803-4383
Delivery Date: 19-Feb-19
Transportation Mode: LAND

Every goods will be delivered as follows:

Puro Order	Item	Code Material Name	BAP Code	Short Text	Total	Serial No.	EWNO
					Delivered QTY		
		2500153	NEC_ANIT78G_12_ND		1	MBTMA020000 5611300969	SL0157
		2506553	OUTDOOR UNIT for 8GHz (High power) N connector Subband D Low		1	29747	SL0157
		2500153	NEC_ANIT78G_12_ND		1	MBTMA020000 5611300969	SL0157
		2506552	OUTDOOR UNIT for 8GHz (High power) N connector Subband D High		1	18112	SL0157

TOTAL QTY	WEIGHT ALL. MATERIAL (KG)	CHECKER NAME
2		1/29 Jan 19 2019

Delivery From: PT. ALITA PRAYA MITRA
Date: *19/02/19*

Delivered to: PT. ALITA PRAYA MITRA
Date: *19/02/19*

Pic: Gedung Area
PT. ALITA PRAYA MITRA
Date: *21-02-2019*

Received by:
PIC at site
Batu

R *E* *ABDULLAH* *DN* *EPW* *EBU*

Name: *ABDULLAH* Name: *DN* Name: *EPW* Name: *EBU*
Phone: *08222784* Phone: *081384326161* Phone: *081384326161* Phone: *081384326161*

Title	Mohon di periksa lebih lanjut sesuai DN sebelum Material di tanda tangani, jika sudah di tanda tangani suaran menjadi "TANGGUH JAWAB PENERIMA" material
Remarks	SN ANT FE AKTUAL MBTMA0200005611300266, SN ANT NE MBTMA020009561130056

Tembusan : 1. Lembar Putih "Mover Pusat" 2. Lembar Pink "Mover Lokal" 3. Lembar Kuning "Subkon" 4. Lembar Hijau "WH Logistik Alita"

10

FOTO COPY UNTUK PENERIMA

Delivery from	Log-004					
Received by	DR. 15.0306					
Project Name	LOT. 37 HAL. 1					
Unit Name/Serial ID	TYPE : L					
Requestor	NO MR					
[Redacted]						
<u>DELIVERY NOTE</u>						
10.15496_DN/APM-LOG/II/2019						
PT. XL AXIATA						
PT. ALITA PRAYA MITRA - JAKARTA						
GEMA						
PANGEK BANGKA BARATSUM-BB-MTK-0467->D668						
SUM-BB-MTK-0467->D668						
Delivery Address	PANGEK_BANGKA BARAT_Bangka					
PIC	ABIS +62 819-3003-4383					
Delivery Date	10-FEB-19					
Transportation Mode	LAND					
AS FOLIO:						
Part Order	Item	Code Material Name	SAF Code			
			Short Text			
			TOTAL Delivered QH	Berat No.	EWD	
			5001403 BRACKET MOUNTING:ANTENNA BGHZ 1+0 ODU	1	SL/G157	
			5001403 BRACKET MOUNTING:ANTENNA BGHZ 1+0 ODU	1	SL/G157	
				TOTAL QTY	WEIGHT ALL MATERIAL (KG)	CHECNER ALITA
				—	—	13/2/19 <i>Juwara</i>
Delivered from PT. ALITA PRAYA MITRA Date:	Delivered to GEMA Date: <i>19/2/19</i>	Pic Gudang Area PT. ALITA PRAYA MITRA Date: 21-02-2019			Received by PIC at site Date:	
(ABDULLAH)	Name: <i>DV</i> Phone: <i>0826262684</i>	Name: <i>EWA</i> Phone: <i>08516771161</i>			Name: <i>EWA</i> Phone: <i>08516771161</i>	
Note	Mohon di periksa kembali barang sesuai DN sebelum Material di rilis tangani, jika sudah di tanda tangani sudah menjadi "TANGGUNG JAWAB" PENERIMA" material					
Remarks	<i>GRM</i> <i>GRM 04/02/19</i>					

Tambahan: 1. Lembar Putih "Mover Pusat" 2. Lembar Pink "Mover Lokal" 3. Lembar Kuning "Subkon" 4. Lembar Hijau "WH Logistik Alita"

FOTO COPY UNTUK PENERIMA

Log.004
DR : 11.000
LW : 72
TYPE : R
NO MR : 1786

DELIVERY NOTE
10.15446_DNI/APM-LOG/III/2019

PT. XL AXIATA
PT. ALITA PRAYA MITRA - JAKARTA
DEMA

SUM-BB-MTK-0467->D668
SUM-BB-MTK-0467->D668

Delivery Address: PANGEK_BANGKA BARAT_Bangka
ABLS +62 813-9003-4383

Delivery Date: 18-Feb-19

Transportation Mode: LAND

Delivery Goods:

Promo Order	Item	Code Material Name	BAP Code	Blister Test	Total Delivered Qty	Serial No.	EWNO
4500673718->12	2505301	2505301	SDFB COAXIAL CABLE per meter (50m)	2 ✓			SL/G157
4500673718->11	2370245	2370245	CONNECTOR FOR PASONEO & PASONEO/0.2EA/S>	1 ✓			SL/G157
4500673718->10	2442390	2442390	MATERIAL INSTALLATION,16E1	1			SL/G157
4500673718->9	2136994	2136994	MOUNT ANTENNA PL FOR 0.3M-1.2M	1			SL/G157
4500673718->8	2505148	2505148	PASO400A IDU (NRF1+2FF+2GFL 1MHz/1000Watt/3dB/3.5dB V/U AN)	✓	47405		SL/G157

TOTAL
QTY: 6

WEIGHT ALL
MATERIAL (KG)

CHECKER
ALITA
19/02/19

Delivery to:
DEMA
PT. ALITA PRAYA MITRA
DME

Delivered to:
DEMA
Date: *19/02/19*

Pic Gudang Area
PT. ALITA PRAYA MITRA
Date: *21-02-19*

Received by
PIC & DATE
Date:

R *EKA* *EKA*

Name: *EKA* Name: *EKA* Name: *EKA*

Name: *EKA* Name: *EKA* Name: *EKA*

Name: *EKA* Name: *EKA* Name: *EKA*

Note: Mohon di periksa kembali sejajar DN sebelum Material di tanda tangani. Jika sudah di tanda tangani sudah menjadi "TANGGUNG JAWAB PENERIMA" material

Remarks:

Tembusan : 1. Lembar Putih "Mover Pusat" 2. Lembar Pink "Mover Lokal" 3. Lembar Kuning "Subkon" 4. Lembar Hijau "WH Logistic Alita"

WD

FOTO COPY UNTUK PENERIMA

LOG 004
DR 10.0001
LOT 72
TYPE "W"
NO MR 1796

DELIVERY NOTE
10.15445_DN/APM-LOG/II/2019

PT. XL AXIATA
PT. ALITA PRAYA MITRA - JAKARTA
GEMB

SUM-BB-MTK-0467->D668
SUM-BB-MTK-0467->D668

Delivery Address: PANGEK_BANGKA BARAT_Bangka
Phone: +62 815-8003-4365
Delivery Date: 19-Feb-19
Transportation Mode: LAND

AS RECEIVED:							
Pure Order	Item	Code Material Name	BAP Code	Short Text	TIME	Serial No.	EWNO
4500673744->6	-	2136994	2136994	MOUNT ANTENNA/PL FOR 0.3M-1.2M	1		SL/0157
4600673744->5	-	2014785	2014785	WAVEGUIDE/FLEX.7GHZ,1M LG,C/W CONN & XD>	✓		SL/0157
4500673744->4	-	2506301	2506301	SDFB COAXIAL CABLE per meter (50m)	✓		SL/0157
4500673744->3	-	2370245	2370245	CONNECTOR FOR PASONEO & PASONEO/C/2EA/5>	✓		SL/0157
4500673744->2	-	2136026	2136026	KIT GROUNDING BAR, FOR FOR TOWER	✓		SL/0157
4500673744->1	-	2506148	2506148	IPX50400A IDU /IEC1-2004-2007PL 1Modem 50MHz AMR UI AN	1	47390	SL/0157
4500673718->13	-	2014785	2014785	WAVEGUIDE/FLEX.7GHZ,1M LG,C/W CONN & XD>	✓		SL/0157
					TOTAL QTY	WEIGHT ALL MATERIAL (KG)	CHECKER ALIVE
					1	11.29	11.29

Delivered to:
PIC GUARDIANA
PT. ALITA PRAYA MITRA
Date: 21 - 01 - 2019
Time: 10:36 AM - 01/2019

(ABDULLAH),
Name: *Abdullah*, Phone: *0812-6413614*
Name: *BPW*, Phone: *0812-6413614*
Name: *BPW*, Phone: *0812-6413614*

Note: Mohon di periksa kembali apakah semua DN setelah Materai di tanda tangani, jika sudah di tanda tangani sudah menjadi "PENERIMA" material!

Remarks:

Tambahan: 1. Lembar Putih "Mover Putus" 2. Lembar Pink "Mover Lokal" 3. Lembar Kuning "Subsidi" 4. Lembar Biru "WH Logistik Jawa"

[Signature]

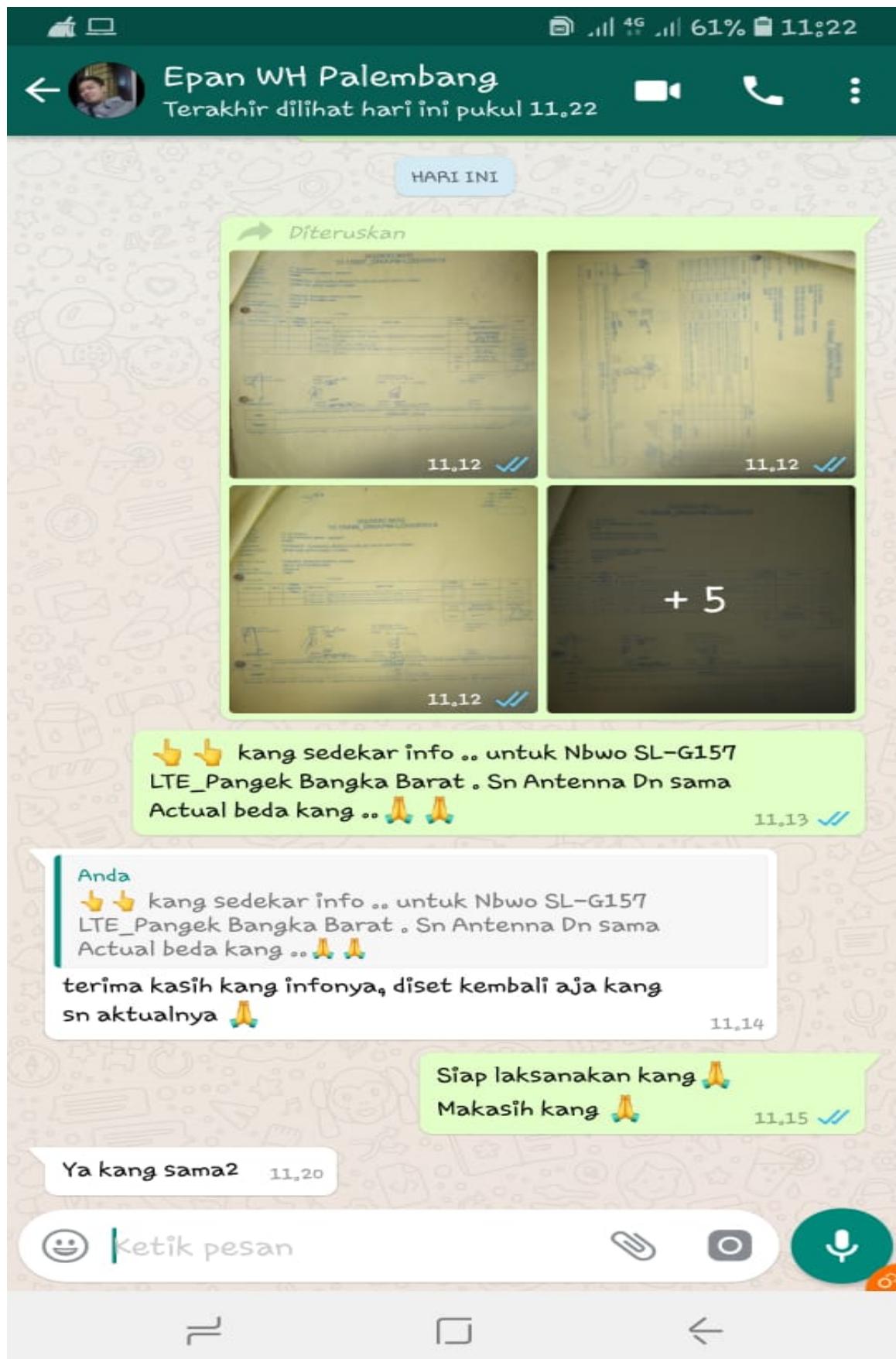
- Attachment Link Budget

	LTE_PANGEK BANGKA BARAT SUM-BB-MTK-0467	D668 H1 SIMPANG JEBUS SUM-BB-MTK-0124
Elevation (m)	18.58	38.83
Latitude	01 53 49.74 S	01 52 37.80 S
Longitude	105 22 44.28 E	105 27 44.57 E
True azimuth (°)	78.61	256.61
Vertical angle (°)	0.05	-0.12
Antenna model	ASL4-W71NS-1.2 m	ASL4-W71NS-1.2 m
Antenna height (m)	36.00	30.00
Antenna gain (dBi)	37.30	37.30
Connector loss (dB)	0.60	0.60
Circ. branching loss (dB)	0.50	0.50
Frequency (MHz)	8000.00	
Polarization	Vertical	
Path length (km)	9.54	
Free space loss (dB)	130.12	
Atmospheric absorption loss (dB)	0.10	
Net path loss (dB)	57.82	57.82
Radio model	iPASO 7-8G 90M	iPASO 7-8G 90M
TX power (watts)	0.40	0.40
TX power (dBm)	26.00	26.00
EIRP (dBm)	62.20	62.20
Emission designator	14M00D7W	14M00D7W
RX threshold criteria	BER 10-6	BER 10-6
RX threshold level (dBm)	-74.00	-74.00
Maximum receive signal (dBm)	-21.00	-21.00
RX signal (dBm)	-31.82	-31.82
Thermal fade margin (dB)	42.18	42.18
Geodimatic factor	2.23E-04	
Path inclination (mr)	1.49	
Fade occurrence factor (Po)	1.33E-02	
Average annual temperature (°C)	10.00	
Worst month - multipath (%)	99.99992	99.99992
(sec)	2.17	2.17
Annual - multipath (%)	99.99998	99.99998
(sec)	6.52	6.52
(% - sec)	99.99996 - 13.03	
Rain region	ITU Region P	
0.01% rain rate (mm/hr)	145.00	
Flat fade margin - rain (dB)	42.18	
Rain rate (mm/hr)	2881.48	
Rain attenuation (dB)	42.18	
Annual rain (%-sec)	100.00000 - 0.00	
Annual multipath + rain (%-sec)	99.99996 - 13.03	

Sen, Feb 18 2019
 LTE_PANGEK_BANGKA_BARAT-D668_H1_SIMPANG_JEBUS.p14
 Reliability Method - ITU-R P.530-7/8
 Rain - ITU-R P.530-8

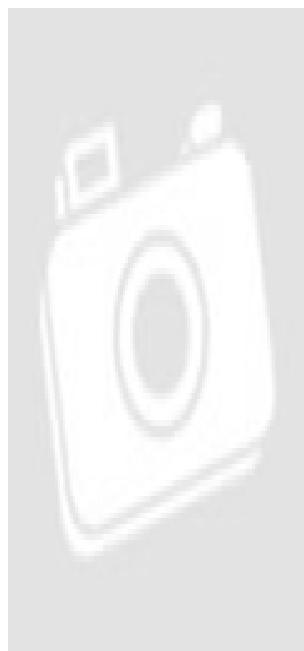
	LTE_PANGEK_BANGKA BARAT SUM-BB-MTK-0467	H1 SIMPANG_JEBUS SUM-BB-MTK-0124
Elevation (m)	18.58	38.86
Latitude	01 53 49.74 S	01 52 37.81 S
Longitude	105 22 44.26 E	105 27 44.53 E
True azimuth (°)	76.61	256.61
Vertical angle (°)	0.16	-0.22
Antenna model	ASL4-W71NS-1.2 m	ASL4-W71NS-1.2 m
Antenna height (m)	36.00	47.00
Antenna gain (dBi)	37.30	37.30
Connector loss (dB)	0.60	0.60
Circ. branching loss (dB)	0.50	0.50
Frequency (MHz)	8000.00	
Polarization	Vertical	
Path length (km)	9.54	
Free space loss (dB)	130.12	
Atmospheric absorption loss (dB)	0.10	
Net path loss (dB)	57.82	57.82
Radio model	iPASO 7-8G 90M	iPASO 7-8G 90M
TX power (watts)	0.40	0.40
TX power (dBm)	26.00	26.00
EIRP (dBm)	62.20	62.20
Emission designator	14M00D7W	14M00D7W
RX threshold criteria	BER 10-6	BER 10-6
RX threshold level (dBm)	-74.00	-74.00
Maximum receive signal (dBm)	-21.00	-21.00
RX signal (dBm)	-31.82	-31.82
Thermal fade margin (dB)	42.18	42.18
Geoclimatic factor	1.20E-04	
Path inclination (mr)	3.28	
Fade occurrence factor (Po)	3.35E-03	
Average annual temperature (°C)	25.00	
Worst month - multipath (%)	99.99998	99.99998
(sec)	0.55	0.55
Annual - multipath (%)	99.99999	99.99999
(sec)	2.50	2.50
(% - sec)	99.99998 - 4.99	
Rain region	ITU Region P	
0.01% rain rate (mm/hr)	145.00	
Flat fade margin - rain (dB)	42.18	
Rain rate (mm/hr)	349.18	
Rain attenuation (dB)	42.18	
Annual rain (%-sec)	99.99989 - 35.68	
Annual multipath + rain (%-sec)	99.99987 - 40.67	

Mon, Mar 04 2019
LTE PANGEK_BANGKA BARAT-H1_SIMPANG_JEBUS.pl4
Reliability Method - ITU-R P.530-7/8
Rain - ITU-R P530-7



BER Test

- Attachment BER Test Result at the site for 30-60 minutes



DISMANTLE

NEAR END

1. Before Dismantle







2. After Dismantle





3. Equipment Dismantle



FAR END

Attachment 1 : Photo Image

14. Before Dismantle







15. After Dismantle





16. Equipment Dismantle



**Capture frequency, channel
bandwidth dan tx power**

- Attachment Capture frequency, channel bandwidth dan tx power

The screenshot shows the NEC iPASOLINK 400A Ver3.55.04 Site Name: SUM-BB-MTK-0467_1(10.61.81.35/Remote) interface. The top navigation bar includes tabs for ODU, IDU, AUX I/O, TOW, MAINT, and Maintenance. The Maintenance tab is selected, showing the current site name: SUM-BB-MTK-0124_5[No...]. The main content area displays the Service Status Setting, SNMP, and SNMP Community tables.

Service Status

SNMPv1 / v2c	Running
SNMPv3	Running
NTP	Stopped
FTP	Running
SFTP	Stopped
HTTP	Running
HTTPS	Stopped

SNMP

SNMPv1 / v2c	Running
SNMPv3	Running
UDP Port	161

SNMP Community

No.	Community Name	Access Level	Source IP Add...	Subnet Mask
1	neu_lokes	Admin	0.0.0	0.0.0
2				
3				
4				
5				
6				
7				
8				
9				
10				

SIMF (Instalasi)

SIMF (Dismantle)

IMS (Antenna)

IMS (IDU)

IMS (ODU)

IMS (Connection)