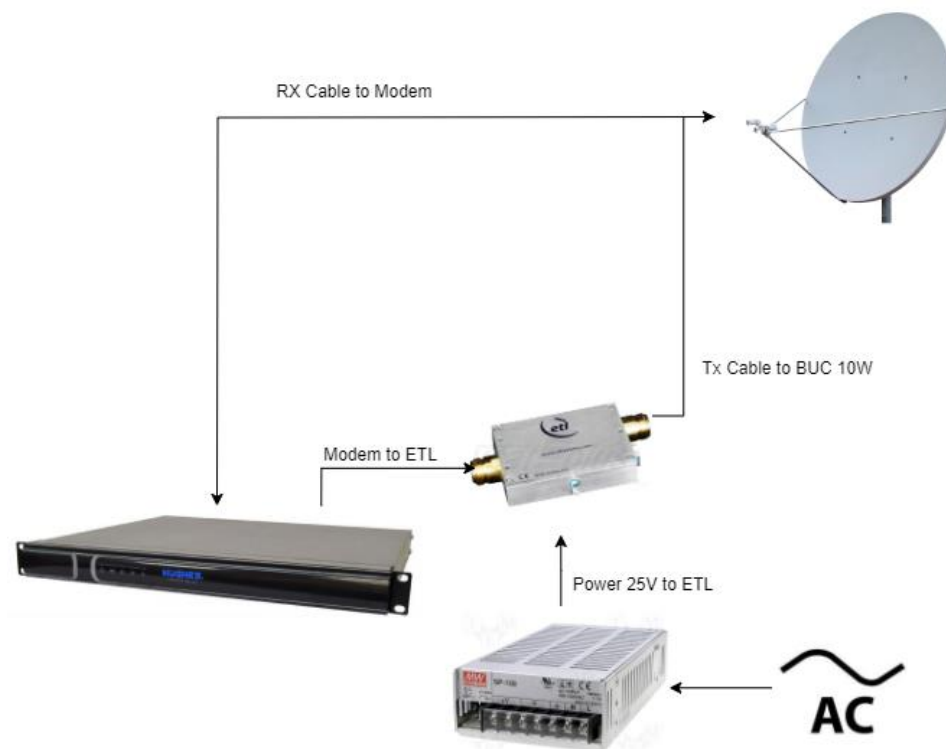
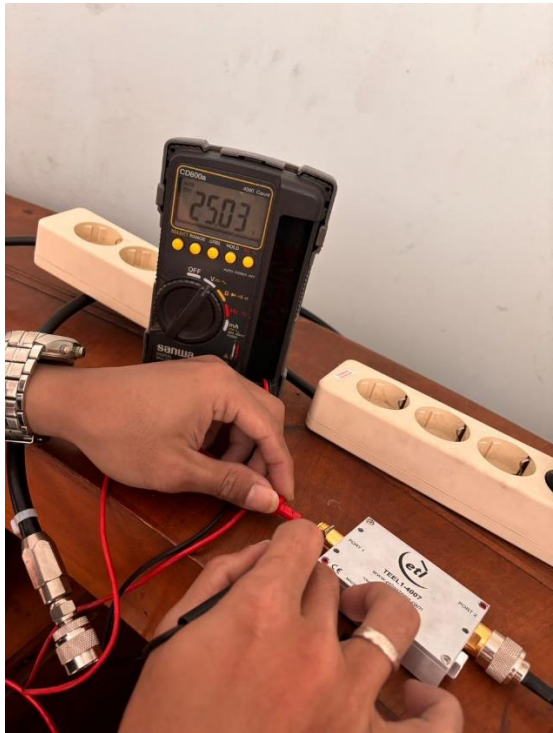


1. TOPOLOGI JARINGAN Test ETL AC to DC



No	Parameter	
1	Diameter Antena :	1.8m
2	Satelit :	N1 IBS
3	Modem :	Hughes HT2524
4	BUC :	10 Watt
5	PSU :	SP-100-27 Mean Well AC to DC
6	Combiner :	ETL System TEEL1-4007 L-band Bias TEE

Hasil Test Power PSU AC to DC 25V



HT2524 Advanced Configuration and Statistics

Subscriber_Account_Number:IBSTESTBUC2ESN:12916325SAI:25395(0x6333)

SW Version :7.4.0.38 (M) 7.1.0.34 (F)System State Code :21.1.4

09/18/2024 03:32:40

System State Code

23.1.4

Some backbones are down

UpTime (d.h:m:s)

0.00:06:18

Available Memory

1483740 KB

Download

SQF114

FLL Lock StatusLocked

Requested Modcod81

Over-the-Air Frequency (KHz)4040000

Symbol Rate (Sps)34000000

Beam ID111

Gateway ID1

Outroute ID7

Stream ID0

Downlink State Code0.0.0

Uplink

TDMA ModeActive

Transmit Rate16APSK 1024K 1/2

Inroute Group6

Last EsNo94

Power Attenuation7.60 dB

Transmit Frequency5904280000

Allocation StateIDLE

Stream Error Rate20.46%

Stream ACK / NAK5766 / 1483

Aloha ACK / NAK19 / 29

SCMA Data ACK / NAK0 / 0

Uplink State Code0.0.0

LAN (eth0)

Interface StateUp 1G FD

IPv4 Address192.168.0.1

IPv6 Address::

Tx | Rx Packets10292 | 5475

Tx | Rx Bytes7152517 | 526564

Satellite (sat)

MGMT IPv6 Addressfd0d:edc5:ff02:1044:0000:0000:00c5:1665

WAN IPv6 Addressfd0d:edc5:ff01:1044:0000:0000:0000:6333

Tx | Rx Packets1405 | 1024

SbcStatus

Installation StatusInstalled

First Registration Time2024-07-19 08:39:35

Most Recent Registration Time2024-09-17 08:17:04

Satellite NamePSN-VI-P6C

Config Format/Version/RevDate6/P6C_WB_A.36/10/01/2023

Tenant Name--

WiFi CC/LocaleUS840/,

SBC State Code0.0.0

SysInfo

MGMT Routing Advertisement65

MGMT Services5

SysInfo State Code0.0.0

Association

Association StateASSOCIATED

IPGW IDP6CIK111PSNIGWL2G2

Walled GardenNo

Association TimeWed Sep 18 03:29:29 2024

CMM Timeouts0

Keep Alive Timeouts2

Association State Code0.0.0

FAP State Code0.0.0

ROHC ProfilesRTP-V2 UDP-V2

PEP

Backbone Status| Up | Up | Up | Dn | Dn |

Total Backbones Up3

Tx | Rx PBP137 | 101

Tx | Rx SACKs0 | 3

Tx | Rx Resets8 | 0

PEP State Code23.1.4

IPSEC

IPSec featureDisabled

Advanced Menu

General

IDU/ODU

Firmware

CAC

Downlink

Uplink

Sysinfo

Association

Layer 2

Network Layer

Web Acceleration

VOIP

DNS

Pkt Dump

Diagnostics

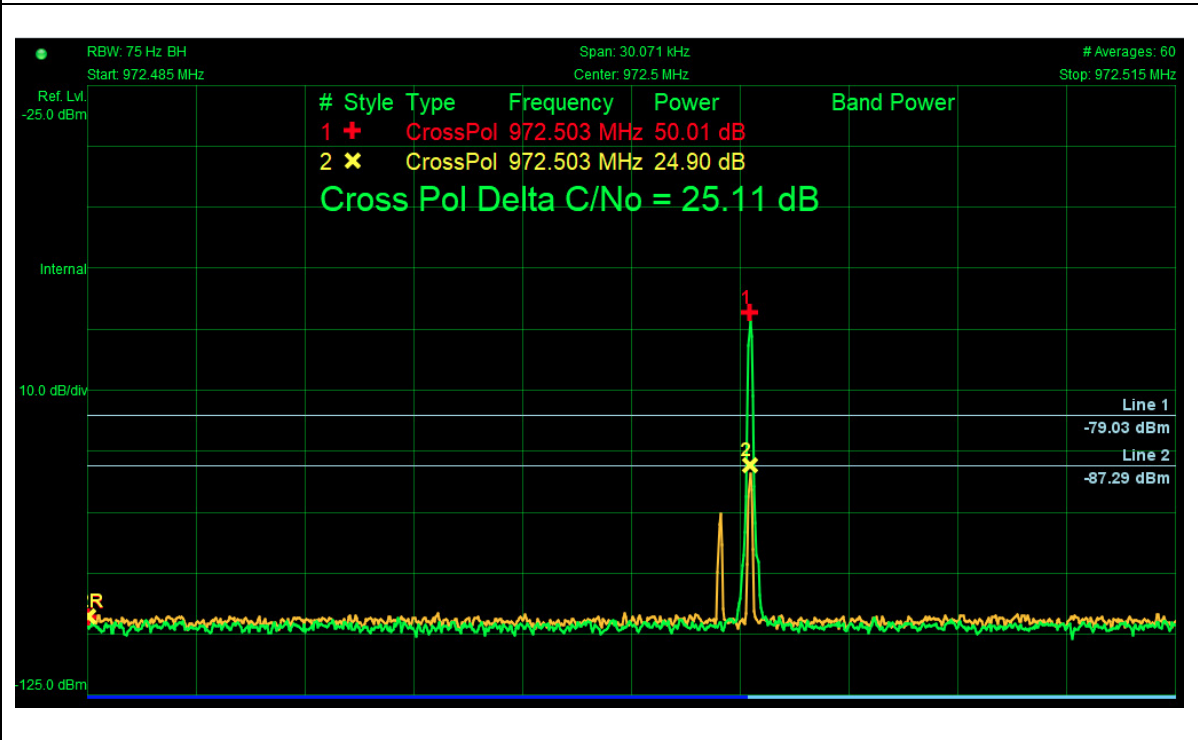
Caching

Cfg

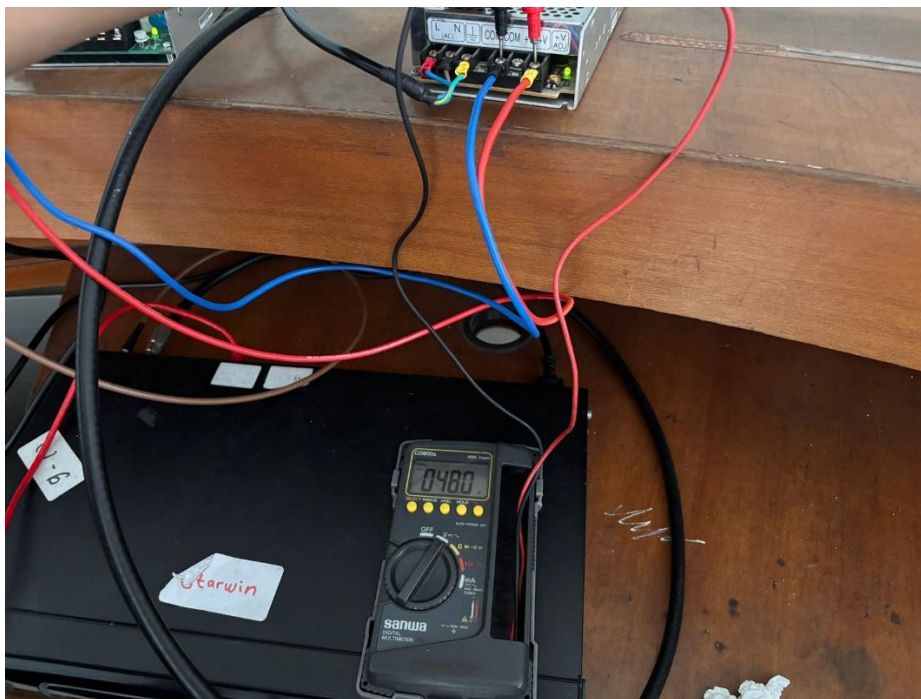
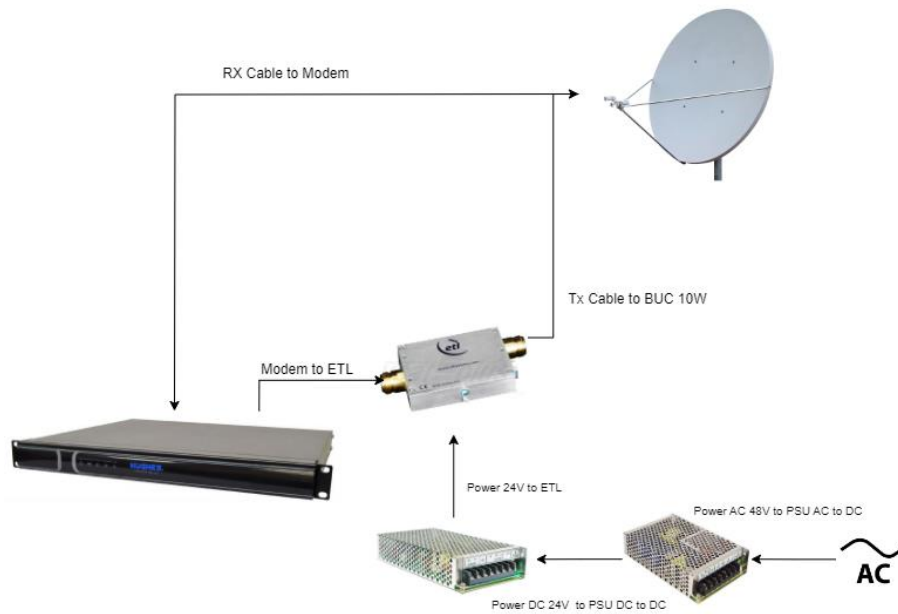
Logs

Installation

Enterprise options

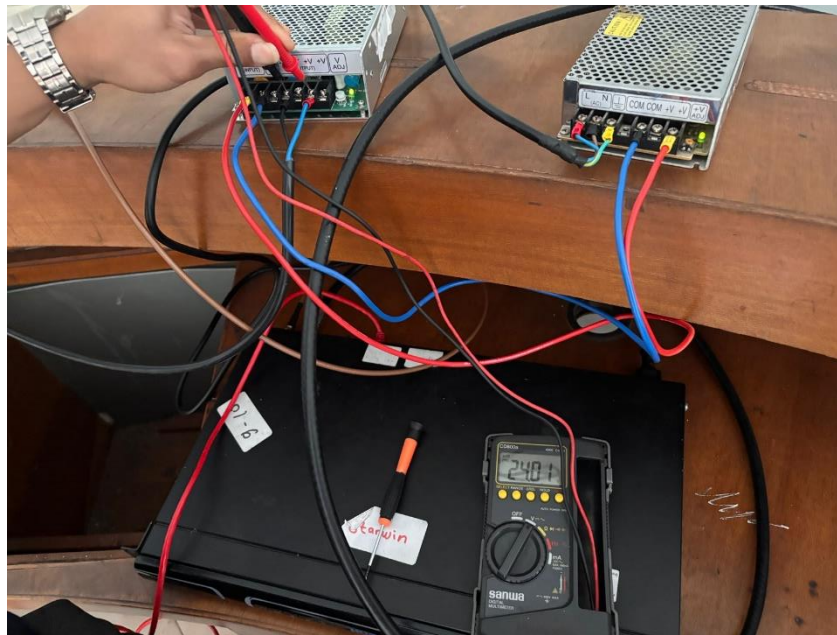



2. Topologi Test ETL AC to DC 48V DC to DC 24V



No	Parameter	
1	Diameter Antena :	1.8m
2	Satelit :	N1 IBS
3	Modem :	Hughes HT2524
4	BUC :	10 Watt
5	PSU :	1. Converter SD-150C-24 48/24V Meanwell AC to DC 2. Converter SD-150C-24 48/24V Meanwell DC to DC
6	Combiner :	ETL System TEEL1-4007 L-band Bias TEE

Hasil Test Power PSU AC to DC 48V DC to DC 24V





Auto Refresh 1 ▼

Advanced Menu

- + General
- + IDU/ODU
- + Firmware
- + CAC
- + Downlink
- + Uplink
- + Sysinfo
- + Association
- + Layer 2
- + Network Layer
- + Web Acceleration
- + VOIP
- + DNS
- + Pkt Dump
- + Diagnostics
- + Caching
- + Cfg
- + Logs
- + Installation
- + Enterprise options

HT2524 Advanced Configuration and Statistics

Subscriber_Account_Number:IBSTESTBUC2 ESN:12916325 SAI:25395(0x6333)

SW Version :7.4.0.38 (M) 7.1.0.34 (F) System State Code :11.3.1

09/18/2024 08:13:30

System State Code
21.1.4

UpTime (d.h:m:s)
0.00:02:44

Available Memory
1449488 KB

Downlink

SQF	114
FLL Lock Status	Locked
Requested Modcod	81
Over-the-Air Frequency (KHz)	4040000
Symbol Rate (Sps)	34000000
Beam ID	111
Gateway ID	1
Outroute ID	7
Stream ID	0
Downlink State Code	0.0.0

Uplink

TDMA Mode	Active
Transmit Rate	16APSK 1024K 1/2
Inroute Group	5
Last EsNo	90
Power Attenuation	5.60 dB
Transmit Frequency	6038360000
Allocation State	ALOHA
Stream Error Rate	84.21%
Stream ACK / NAK	30 / 160
Aloha ACK / NAK	9 / 32
SCMA Data ACK / NAK	0 / 0
Uplink State Code	0.0.0

LAN (eth0)

Interface State	Up 1G FD
IPv4 Address	192.168.0.1
IPv6 Address	::
Tx Rx Packets	2493 994
Tx Rx Bytes	3104712 119178

Satellite (sat)

MGMT IPv6 Address	fd0d:edc5:ff02:1044:0000:0000:00c5:1665
WAN IPv6 Address	fd0d:edc5:ff01:1044:0000:0000:0000:6333
Tx Rx Packets	10 8

SbcStatus

Installation Status	Installed
First Registration Time	2024-07-19 08:39:35
Most Recent Registration Time	2024-09-17 08:17:04
Satellite Name	PSN-VI-P6C
Config Format/Version/RevDate	6/P6C_WB_A.36/10/01/2023
Tenant Name	--
WIFI CC/Locale	US840/,
SBC State Code	0.0.0

SysInfo

MGMT Routing Advertisement	22
MGMT Services	2
SysInfo State Code	0.0.0

Association

Association State	CREATING_IPGW_POOL
IPGW ID	
Association Time	N/A
CMM Timeouts	0
Keep Alive Timeouts	0
Association State Code	21.1.4
FAP State Code	24.1.2
ROHC Profiles	NONE

PEP

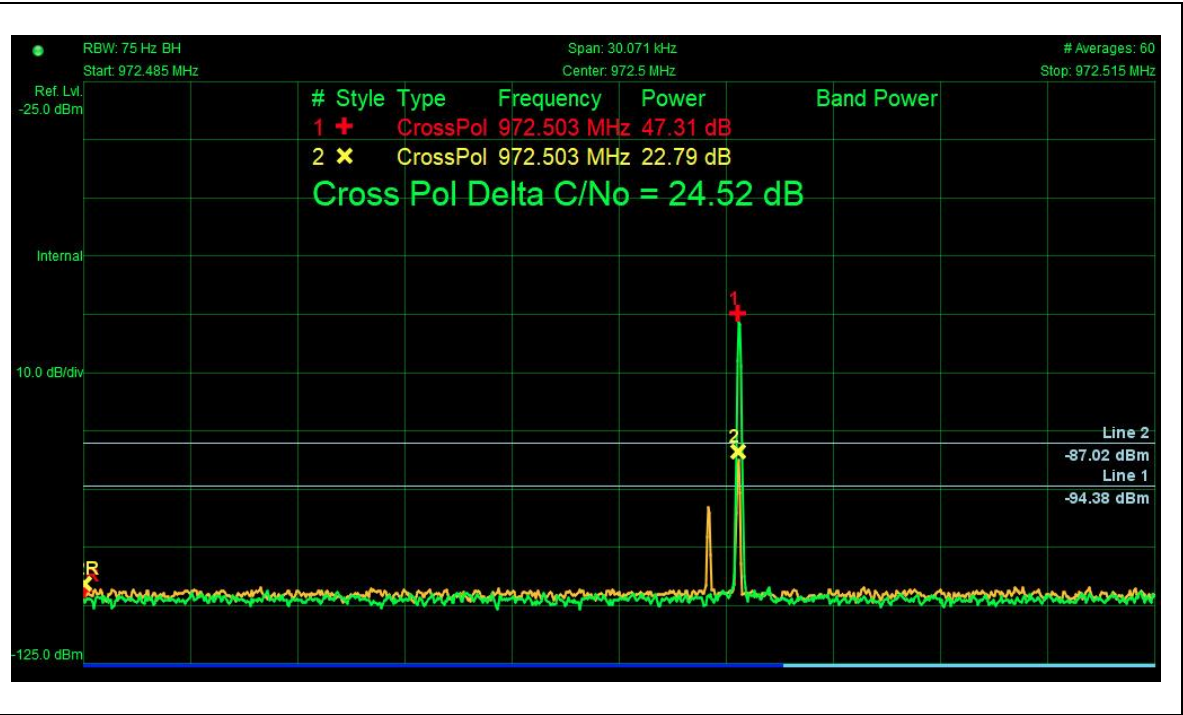
Backbone Status	1
Total Backbones Up	0
Tx Rx PBP	0 4
Tx Rx SACKs	0 0
Tx Rx Resets	0 0
PEP State Code	23.1.1

IPSEC

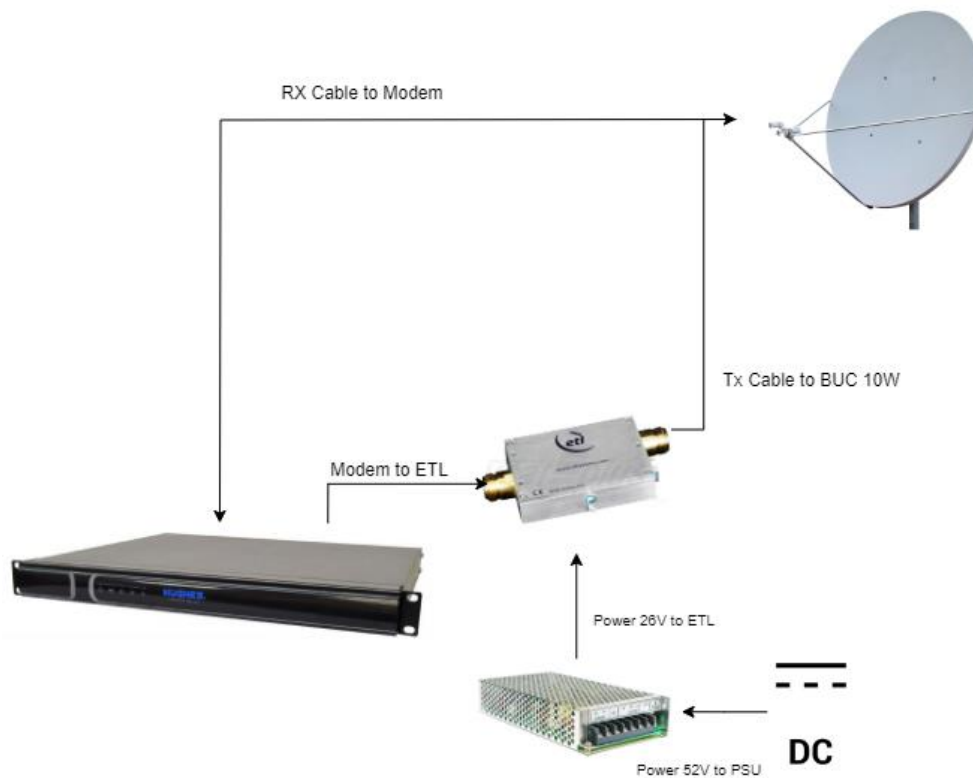
IPSec feature	Disabled
---------------	----------

Web Acceleration


Web Acceleration	1.0.0
------------------	-------



3. Topologi Test ETL DC to DC Baterai



No	Parameter	
1	Diameter Antena :	1.8m
2	Satelit :	N1 IBS
3	Modem :	Hughes HT2524
4	BUC :	10 Watt
5	PSU :	Converter SD-150C-24 48/24V Meanwell DC to DC
6	Combiner :	ETL System TEEL1-4007 L-band Bias TEE




HUGHES
An iStock Company

HT2524 Advanced Configuration and Statistics

Subscriber_Account_Number: IBSTESTBUC2 ESN: 12916325 SAI: 25395(0w6333)

SW Version : 7.4.0.38 (M) 7.1.0.34 (F) System State Code : 12.2.1

09/19/2024 03:37:10



Auto Refresh 1 ▼

System State Code
12.8.1

UpTime (d:h:m:s)
0.00:01:47

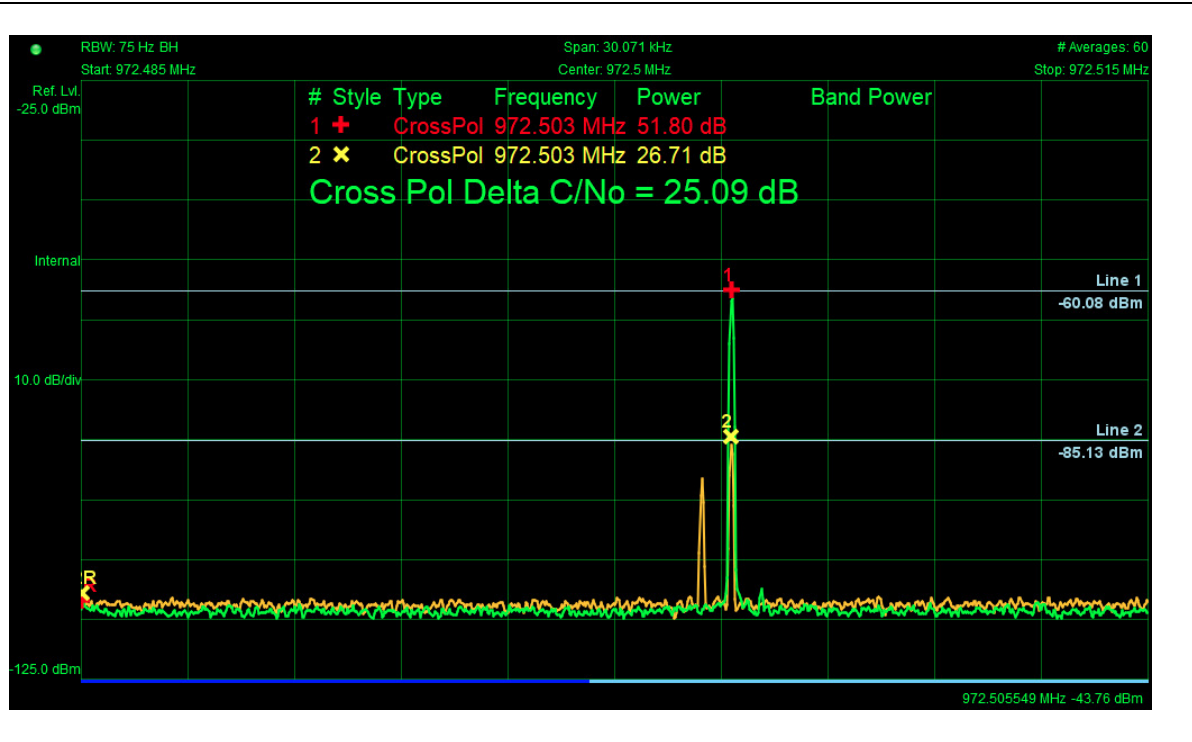
Available Memory
1402784 KB

Advanced Menu

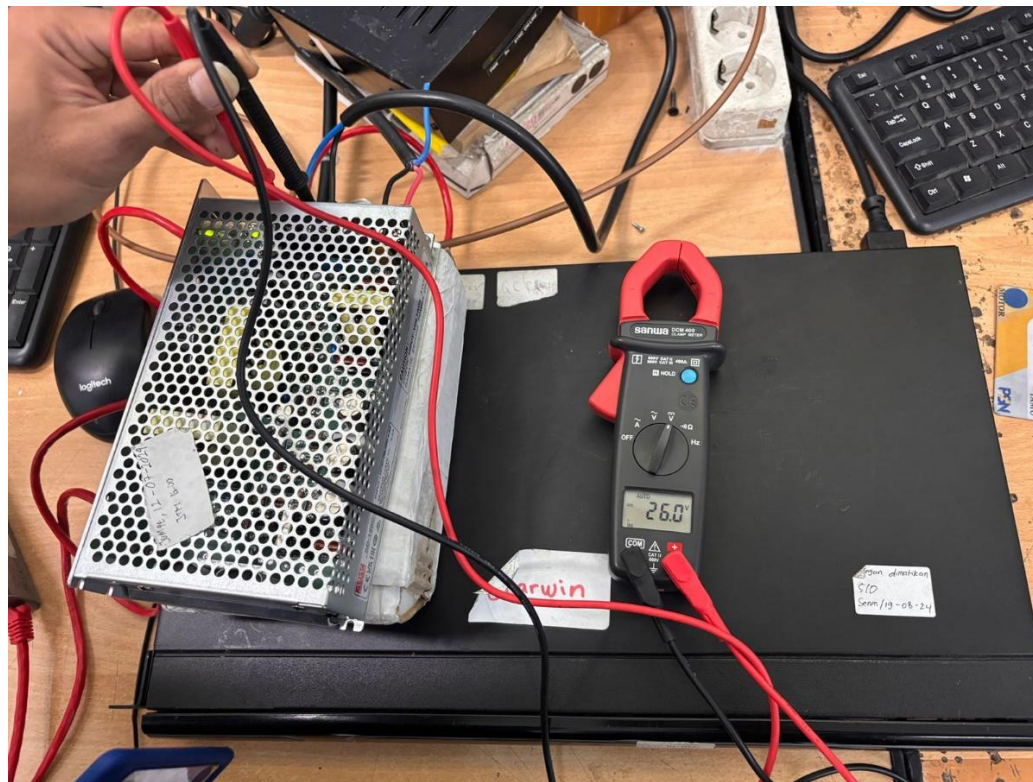
- General
- IDU/ODU
- Firmware
- CAC
- Downlink
- Uplink
- Sysinfo
- Association
- Layer 2
- Network Layer
- Web Acceleration
- VOIP
- DNS
- Pkt Dump
- Diagnostics
- Caching
- Cfg
- Logs
- Installation
- Enterprise options


Downlink		SbcStatus	
SQF	121	Installation Status	Installed
FLL Lock Status	Locked	First Registration Time	2024-07-19 08:39:35
Requested Modcod	83	Most Recent Registration Time	2024-09-17 08:17:04
Over-the-Air Frequency (KHz)	4040000	Satellite Name	PSN-VI-P6C
Symbol Rate (Sps)	34000000	Config Format/Version/RevDate	6/P6C_WB_A.36/10/01/2023
Beam ID	111	Tenant Name	--
Gateway ID	1	WiFi CC/Locale	US840/,
Outroute ID	7	SBC State Code	0.0.0
Stream ID	0		
Downlink State Code	0.0.0		
Uplink		Sysinfo	
TDMA Mode	Active	MCMT Routing Advertisement	11
Transmit Rate	16APSK 1024K 2/3	MCMT Services	1
Inroute Group	9	Sysinfo State Code	0.0.0
Last EsNo	72		
Power Attenuation	3.00 dB	Association	
Transmit Frequency	5989400000	Association State	ASSOCIATING
Allocation State	ALPHA	IPGW ID	PECIK111PSNIGWL2G2
Stream Error Rate	90.71%	Association Time	N/A
Stream ACK / NAK	52 / 508	CMM Timeouts	0
Aloha ACK / NAK	4 / 15	Keep Alive Timeouts	0
SCMA Data ACK / NAK	0 / 0	Association State Code	21.1.5
Uplink State Code	12.8.1	FAP State Code	24.1.2
		ROHC Profiles	NONE
LAN (eth0)		PEP	
Interface State	Up 1G FD	Backbone Status	1
IPv4 Address	192.168.0.1	Total Backbones Up	0
IPv6 Address		Tx Rx PBP	0 0
Tx Rx Packets	1034 2246	Tx Rx SACKs	0 0
Tx Rx Bytes	1036436 186035	Tx Rx Resets	0 0
		PEP State Code	23.1.1
Satellite (sat)		IPSEC	
MCMT IPv6 Address	fd0d:edc5::f02:1044:0000:0000:00c5:1665	IPSec feature	Disabled
WAN IPv6 Address	fd0d:edc5::f01:1044:0000:0000:0000:6333		
Tx Rx Packets	22 3	Web Acceleration	
Tx Rx Bytes	2216 294	MBX State	Idle
		Currently Connected IOS	Not Connected
		Prefetch Coverage (percent of objects)	0 %
		Prefetch Efficiency (percent of bytes)	0 %

©2021 HUGHES



Hasil Test Power PSU DC to DC 26V





Auto Refresh 1

Advanced Menu

- + General
- + IDU/ODU
- + Firmware
- + CAC
- + Downlink
- + Uplink
- + Sysinfo
- + Association
- + Layer 2
- + Network Layer
- + Web Acceleration
- + VOIP
- + DNS
- + Pkt Dump
- + Diagnostics
- + Caching
- + Cfg
- + Logs
- + Installation
- + Enterprise options

HT2524 Advanced Configuration and Statistics

Subscriber_Account_Number:IBSTESTBUC2 ESN:12916325 SAI:25395(0x6333)

SW Version :7.4.0.38 (M) 7.1.0.34 (F) System State Code :0.0.0

09/19/2024 08:09:46

System State Code	UpTime (d.h.m.s)	Available Memory
0.0.0	0.02:09:09	1476248 KB

Downlink		SbcStatus	
SQF	121	Installation Status	Installed
FLL Lock Status	Locked	First Registration Time	2024-07-19 08:39:35
Requested Modcod	83	Most Recent Registration Time	2024-09-17 08:17:04
Over-the-Air Frequency (KHz)	4040000	Satellite Name	PSN-VI-P6C
Symbol Rate (Sps)	34000000	Config Format/Version/RevDate	6/P6C_WB_A.36/10/01/2023
Beam ID	111	Tenant Name	--
Gateway ID	1	WiFi CC/Locale	US840/.
Outroute ID	7	SBC State Code	0.0.0
Stream ID	0		
Downlink State Code	0.0.0		
Uplink		Sysinfo	
TDMA Mode	Active	MGMT Routing Advertisement	1539
Transmit Rate	16APSK 1024K 1/2	MGMT Services	128
Inroute Group	10	SysInfo State Code	0.0.0
Last EsNo	97		
Power Attenuation	4.90 dB		
Transmit Frequency	5919640000		
Allocation State	IDLE		
Stream Error Rate	21.42%		
Stream ACK / NAK	22412 / 6108		
Aloha ACK / NAK	462 / 419		
SCMA Data ACK / NAK	0 / 0		
Uplink State Code	0.0.0		
LAN (eth0)		PEP	
Interface State	Up 1G FD	Backbone Status	Up Up Up Up Up
IPv4 Address	192.168.0.1	Total Backbones Up	5
IPv6 Address	::	Tx Rx PBP	1380 998
Tx Rx Packets	9420 5525	Tx Rx SACKs	0 1
Tx Rx Bytes	5194928 510245	Tx Rx Resets	34 19
		PEP State Code	0.0.0
Satellite (sat)		IPSEC	
MGMT IPv6 Address	fd0d:edc5:ff02:1044:0000:0000:00c5:1665	IPSec feature	Disabled
WAN IPv6 Address	fd0d:edc5:ff01:1044:0000:0000:0000:6333		
Tx Rx Packets	2076 1657		
Tx Rx Bytes	739793 154475		

©2021 HUGHES

