

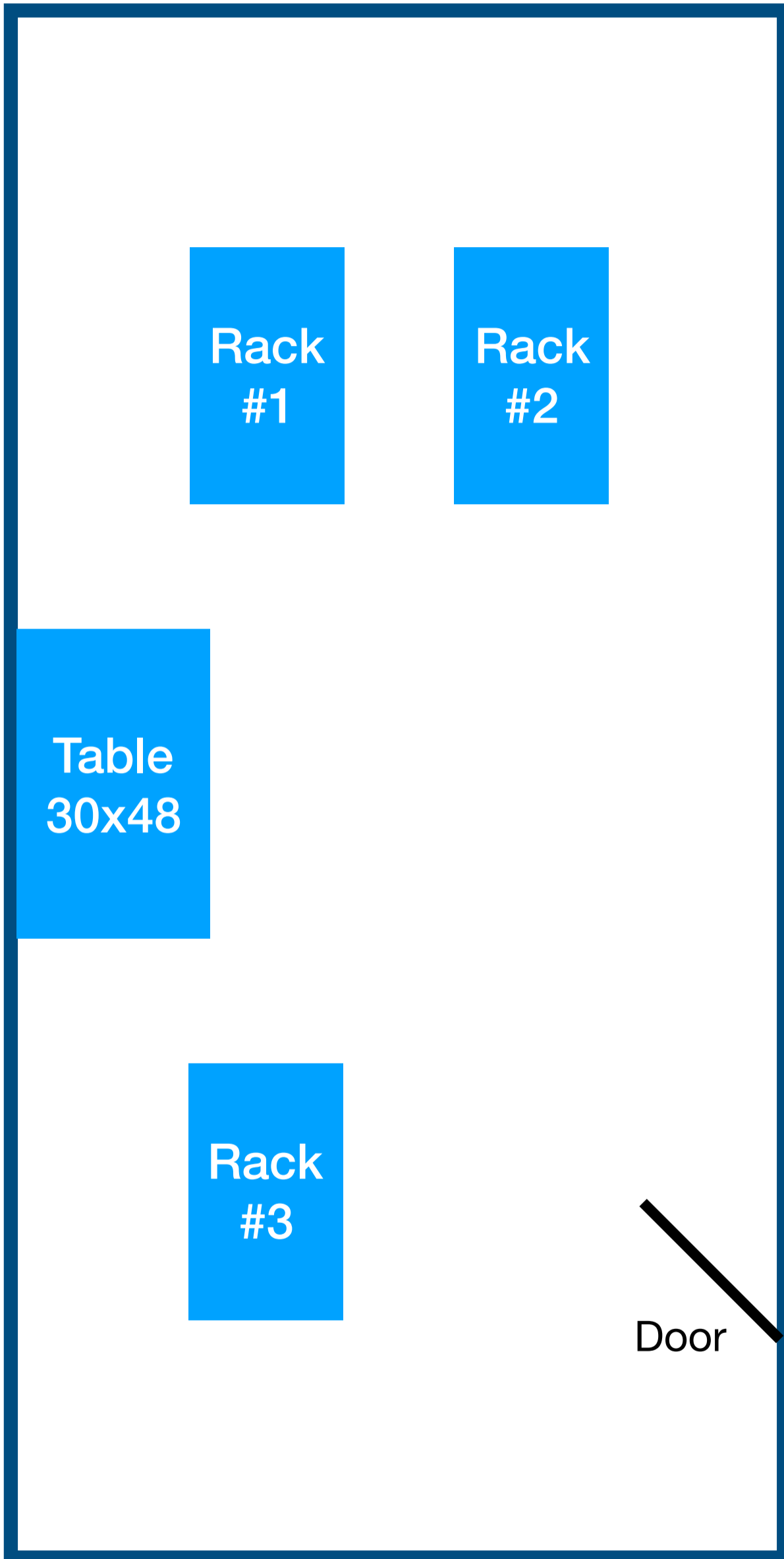
Rack Layout Plan

Room 1235A

V4

30-May-2019

Layout of Rm 1235A



Rack
#1

Rack
#2

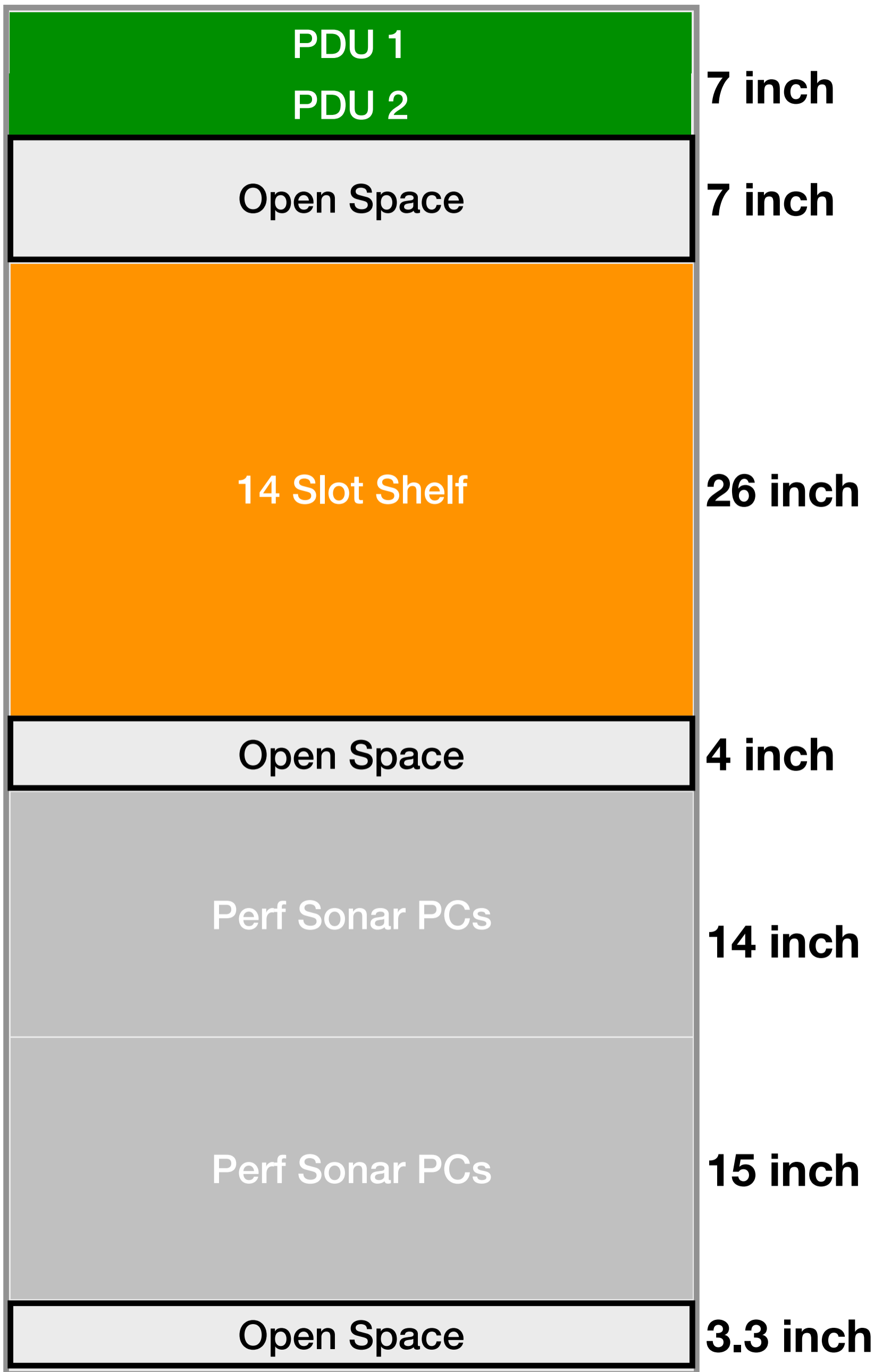
Table
30x48

Rack
#3

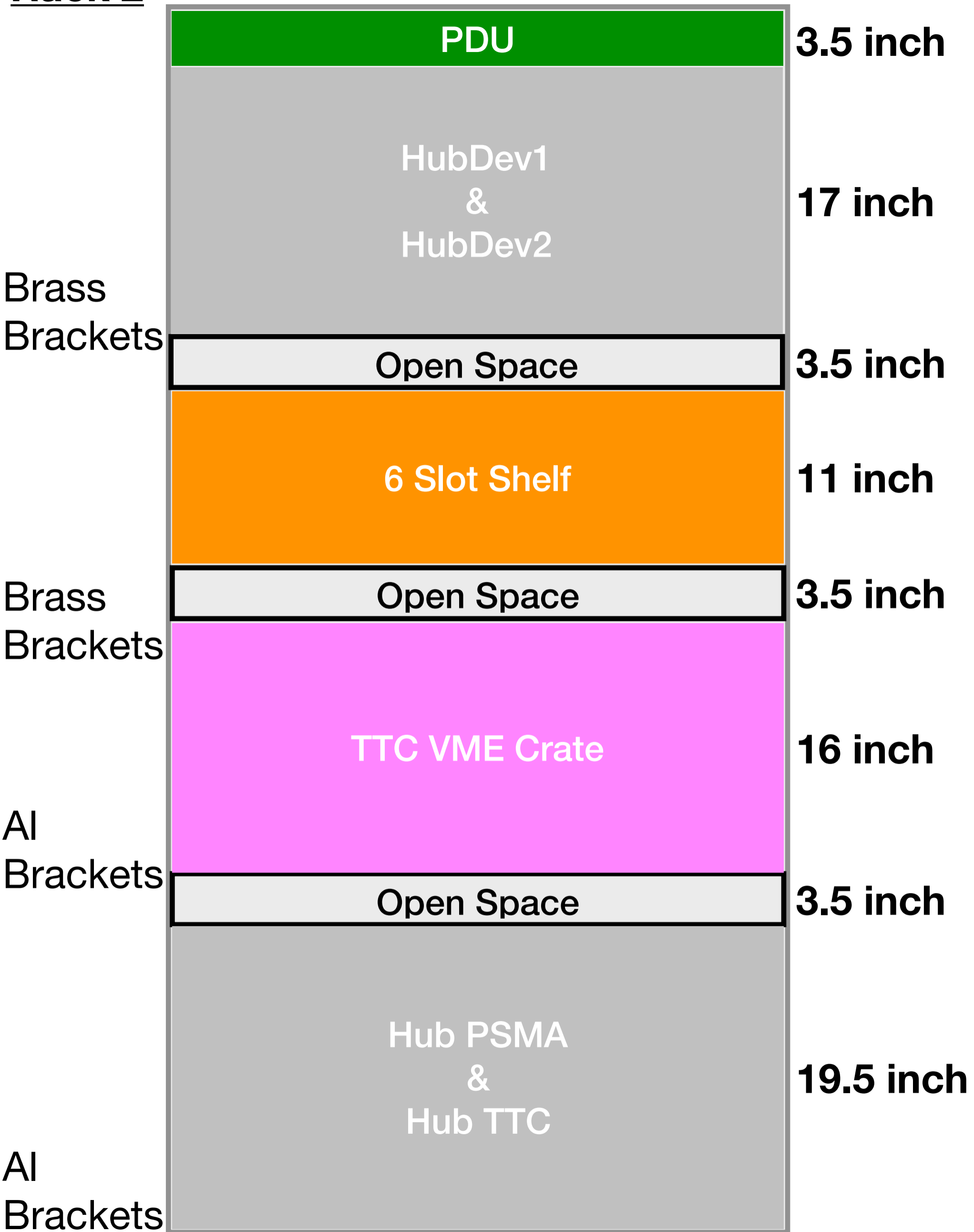
Power
Ctrl
Switch

Door

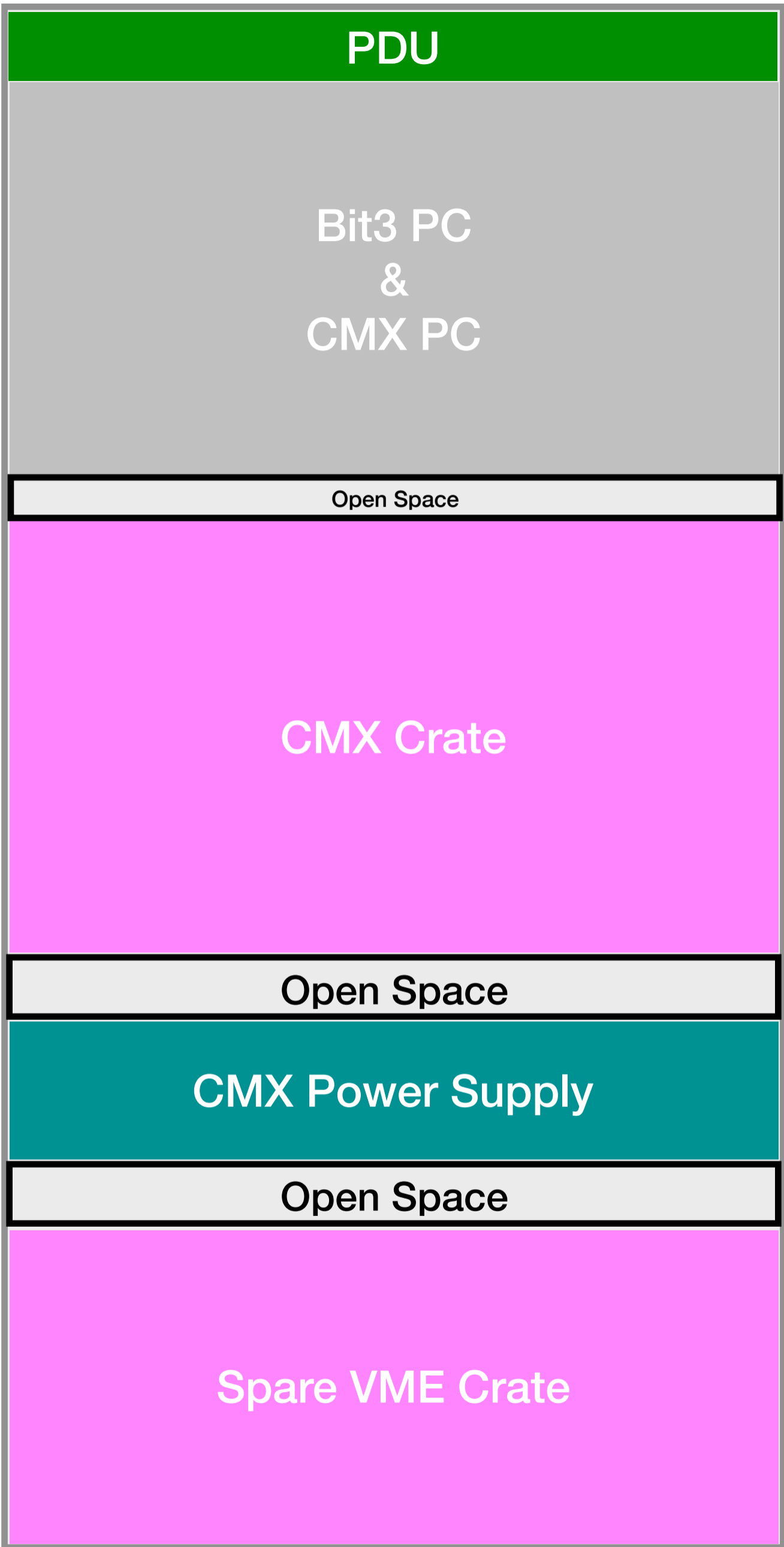
Rack 1



Rack 2



Rack 3



3.5 inch

20 inch

2 inch

22 inch

3 inch

7 inch

3 inch

24 inch

PDU

**Bit3 PC
&
CMX PC**

Open Space

CMX Crate

Open Space

CMX Power Supply

Open Space

Spare VME Crate

Brass

Brackets

AI

Brackets

AI

Brackets

Brass

Brackets

120 VAC

Pwr Ctrl

Rack 1

PDU 1

PDU 2

Open Space

GBT Optical
from Hub TTC

14 Slot Shelf

JTAG from
HubDev1

14SS Network
to 2 Hubs

14SS Network
To PSMA,
HubDev1, and
HubTTC (3)

Open Space

GbE Switch

Perf Sonar PCs

MSU-PA
Network CAT6 (Scope)

1 KVM CAT5

Perf Sonar PCs

14SS Network
to 1 PS Node

Open Space

120 VAC
Pwr Ctrl

To Wall Port

To Rack1

Rack 2

PDU

HubDev1
& HubDev2

6SS Network
CAT6

GbE Switch

GbE Switch

JTAG to
14SS

Open Space

JTAG, HubDev2

6 Slot
Shelf

GBT Optical
From HubTTC

Open Space

TTC
VME
Crate

Optical, from
Bit3 to VME

Open Space

GBT Optical
To 14SS

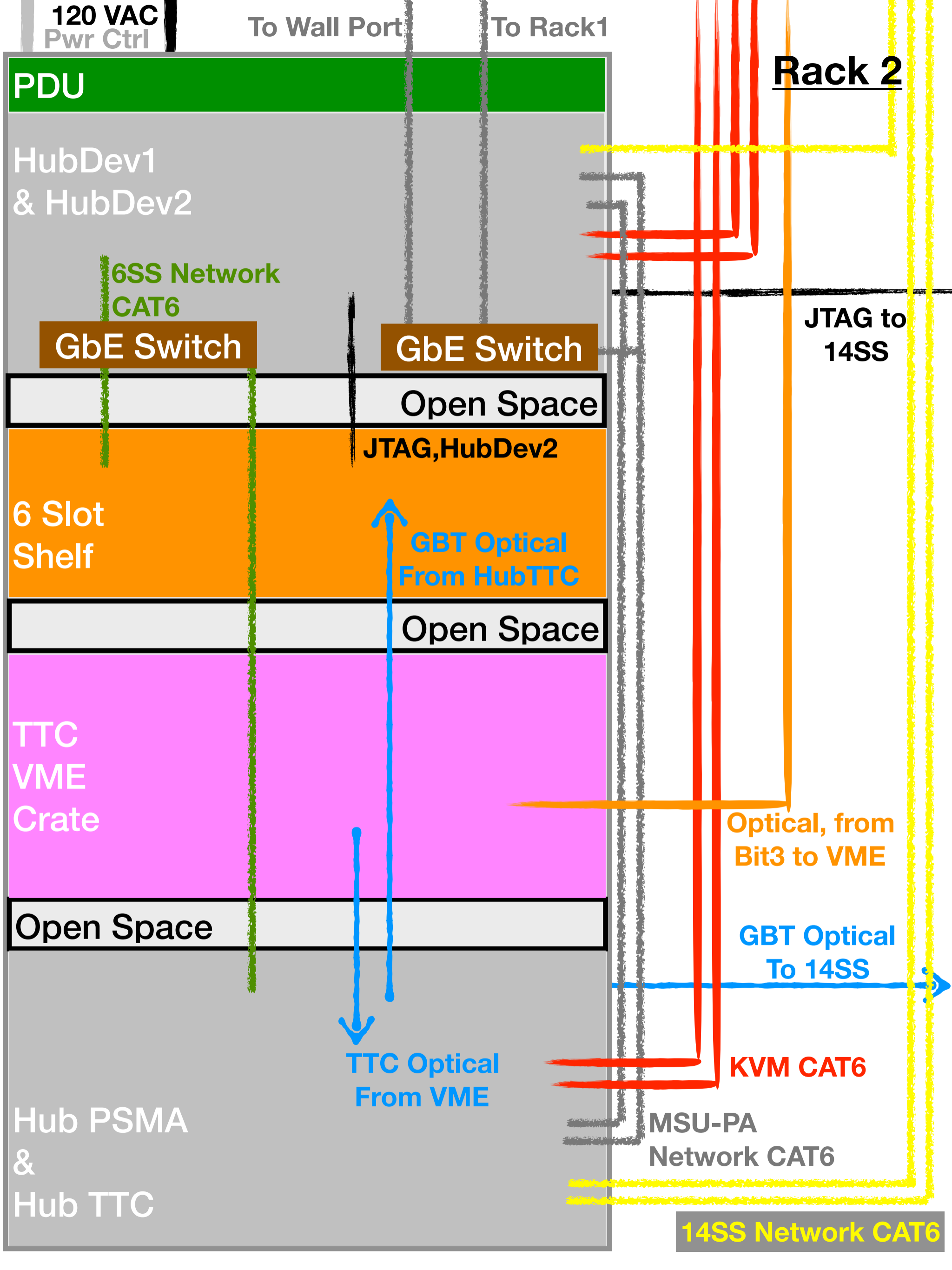
TTC Optical
From VME

KVM CAT6

Hub PSMA
&
Hub TTC

MSU-PA
Network CAT6

14SS Network CAT6



120 VAC

Pwr Ctrl

PDU

Rack 3

Bit3 PC
&
CMX PC

Optical, Bit3
To TTC Crate

MSU-PA
Network CAT6

Open Space

KVM CAT6

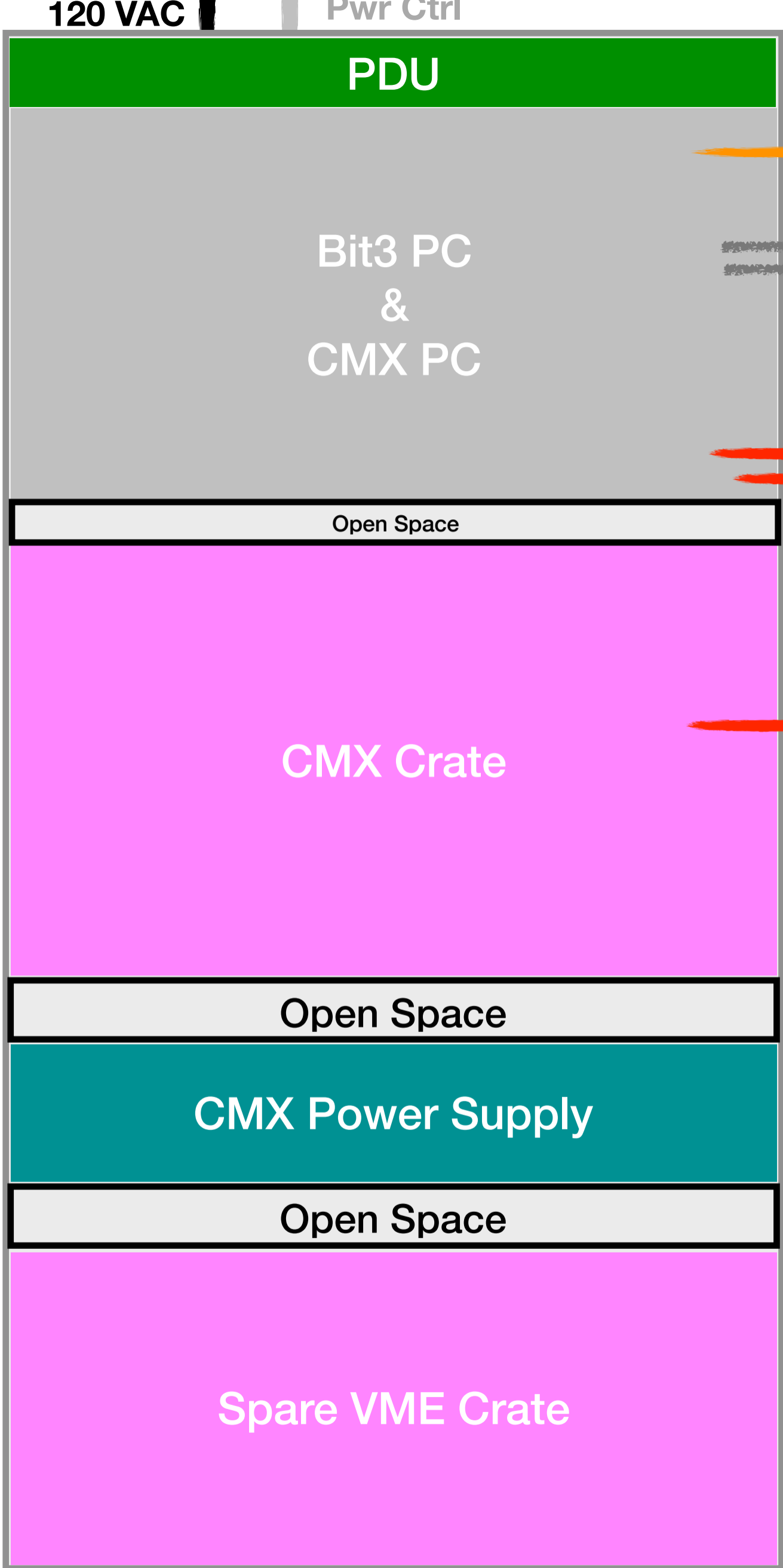
CMX Crate

Open Space

CMX Power Supply

Open Space

Spare VME Crate



Type	Rack	Count	Notes	Length(s) in inches
KVM CAT6 Red Color	Rack 1	1		283
	Rack 2	4		313, 313, 256, 256
	Rack 3	3		251, 251, 275
	Desk	0		-
MSU-PA Network Grey Color	Rack 1	1	From Rack 2	143
	Rack 2	5	1 to wall port, 4 from GbE switch	174, 24, 24, 57, 57
	Rack 3	2		251, 251
	Desk	2		36, 120
14SS Private Network Yellow Color	Rack 1	0		Many exist, not counted here.
	Rack 2	3	From Rack 1	147, 147, 88
	Rack 3	0		
	Desk	0		
6SS Private Network Green Color	Rack 1	0		
	Rack 2	7	Hub(2), Hub(2), HubDev2, PSMA, HubTTC	36, 36, 36, 36, 24, 60, 60
	Rack 3	0		
	Desk	0		