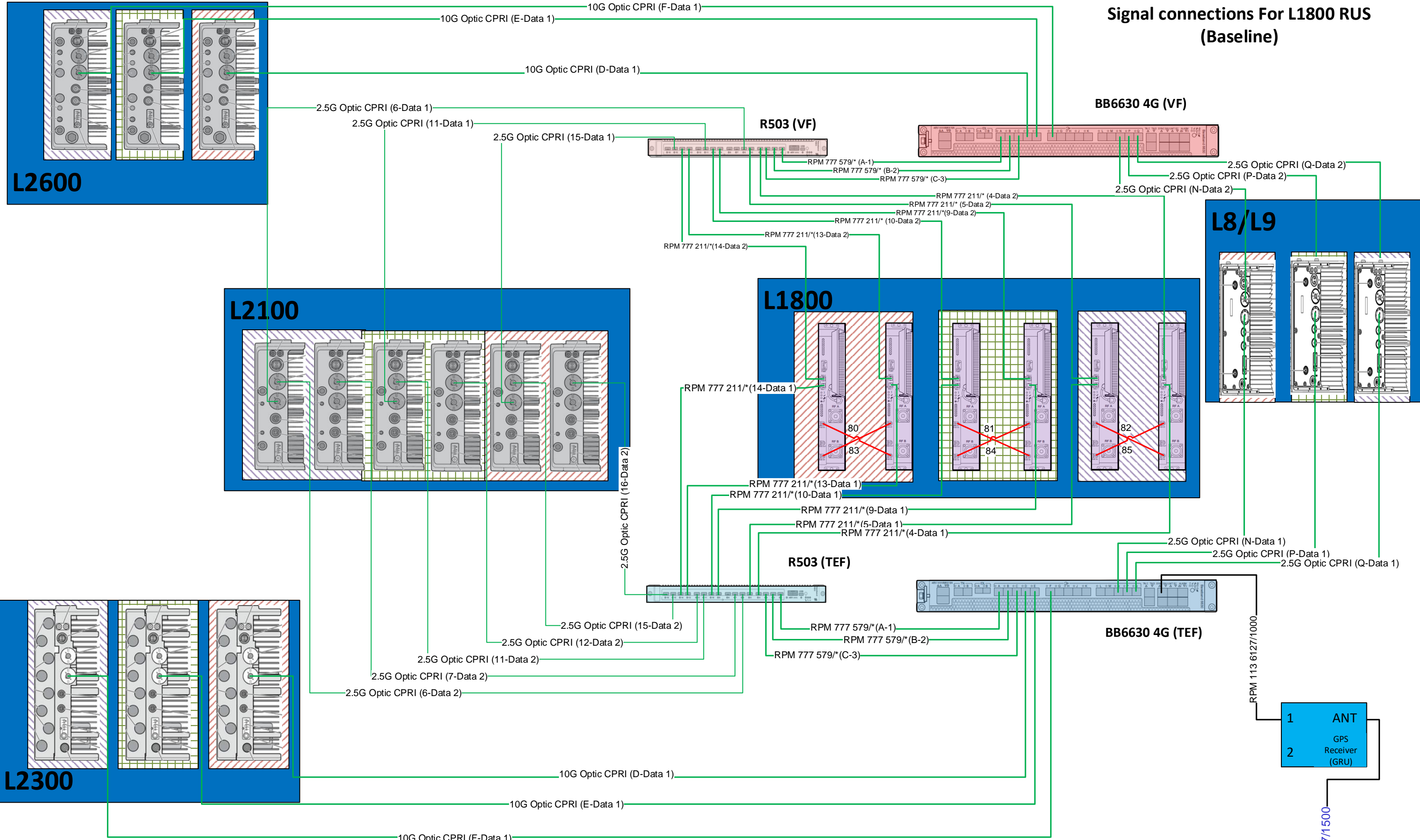
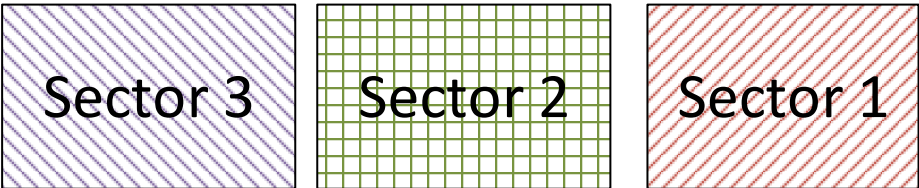


Signal connections For L1800 RUS
(Baseline)

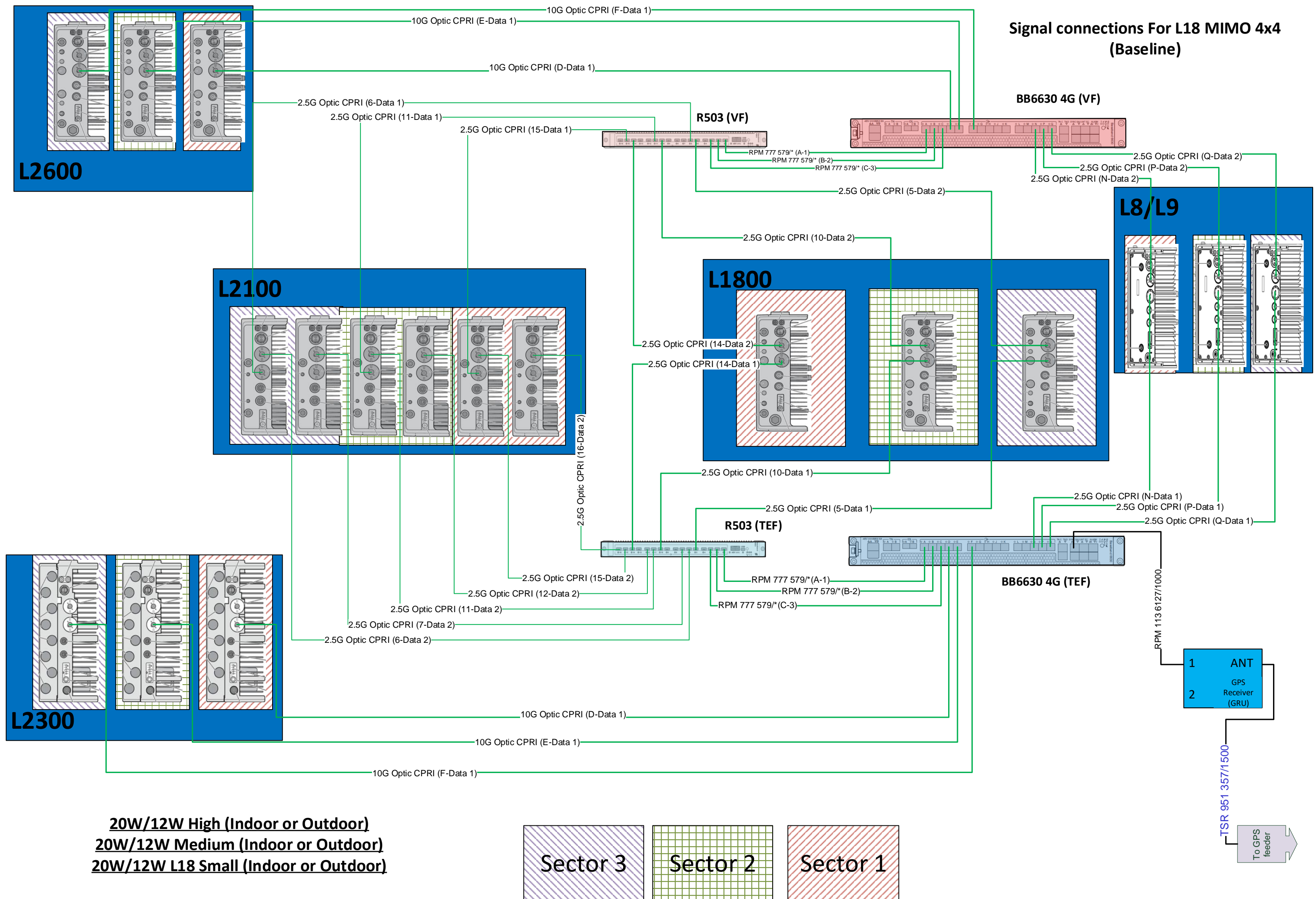


20W/12W High (Indoor or Outdoor)
20W/12W Medium (Indoor or Outdoor)
20W/12W L18 Small (Indoor or Outdoor)

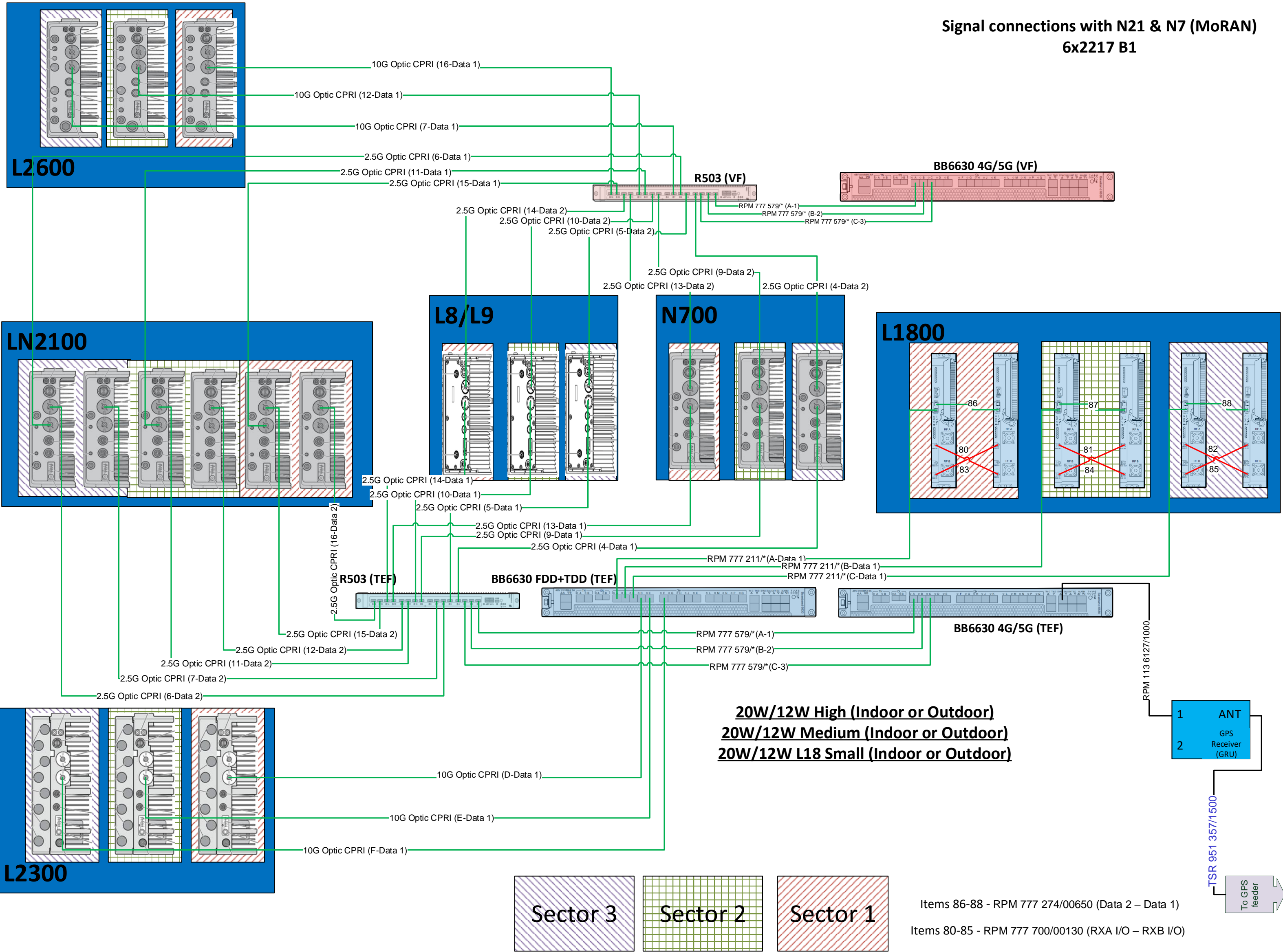


Items 80-85 - RPM 777 700/00130 (RXA I/O –
RXB I/O)

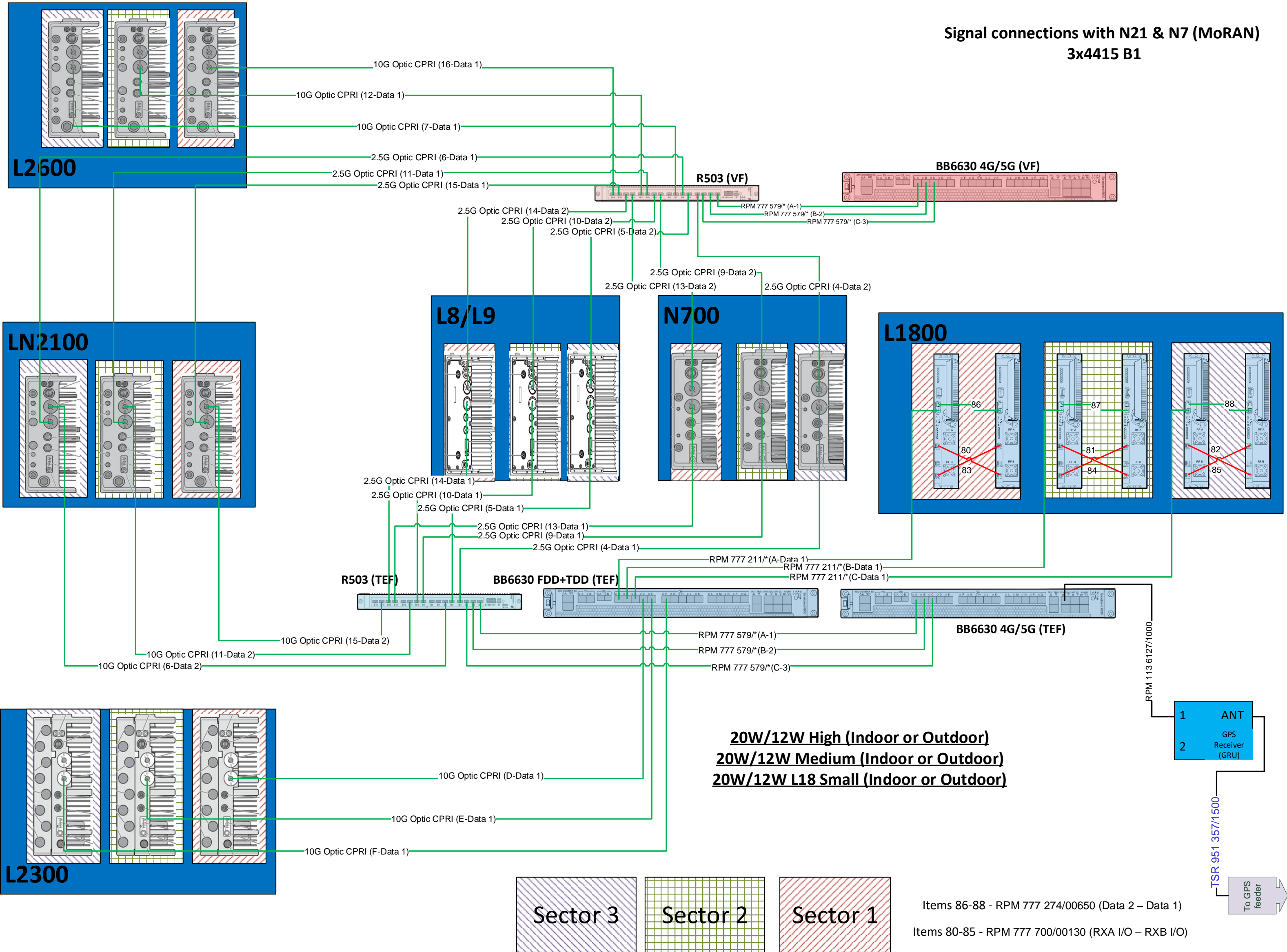
Signal connections For L18 MIMO 4x4 (Baseline)



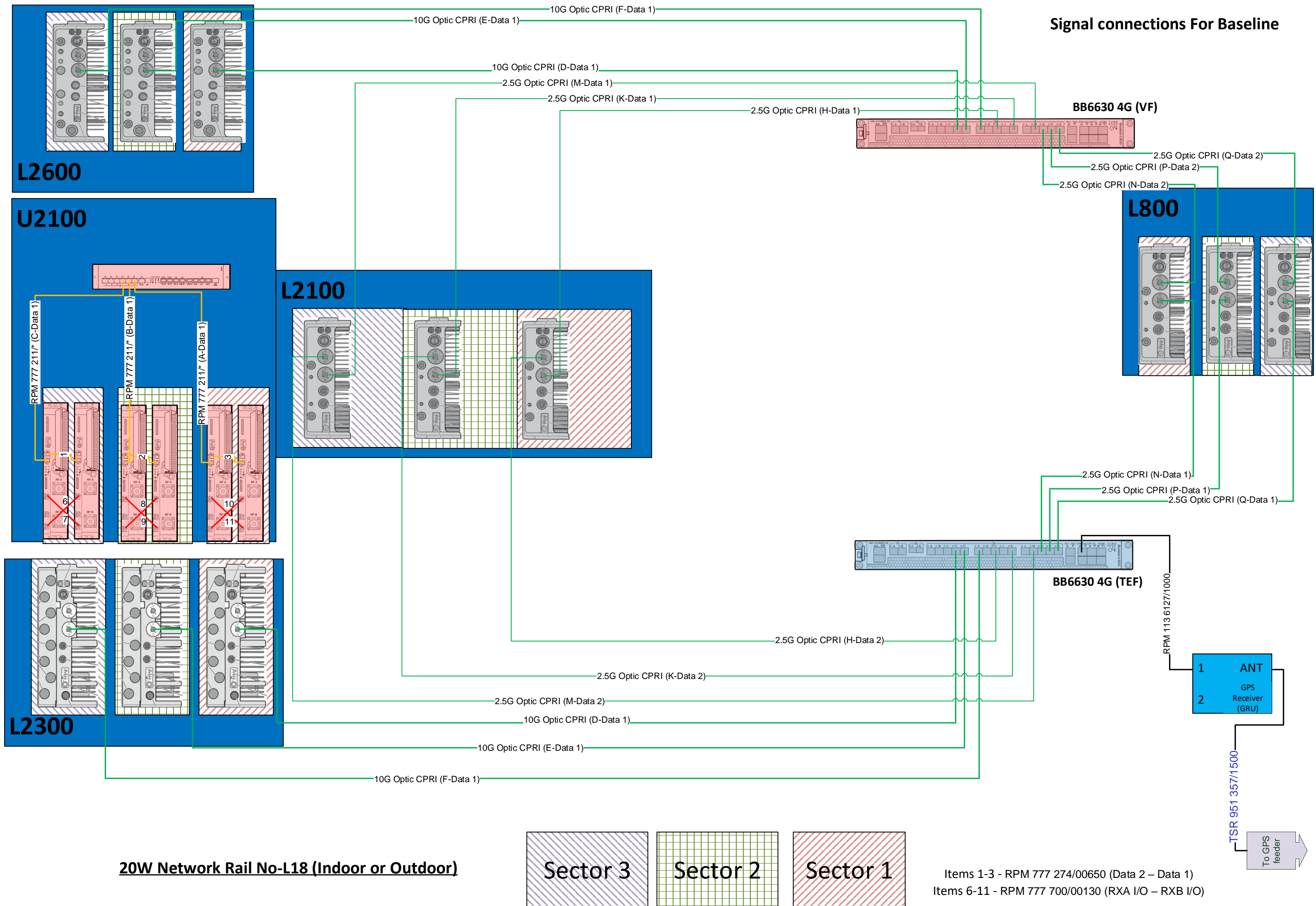
Signal connections with N21 & N7 (MoRAN)
6x2217 B1

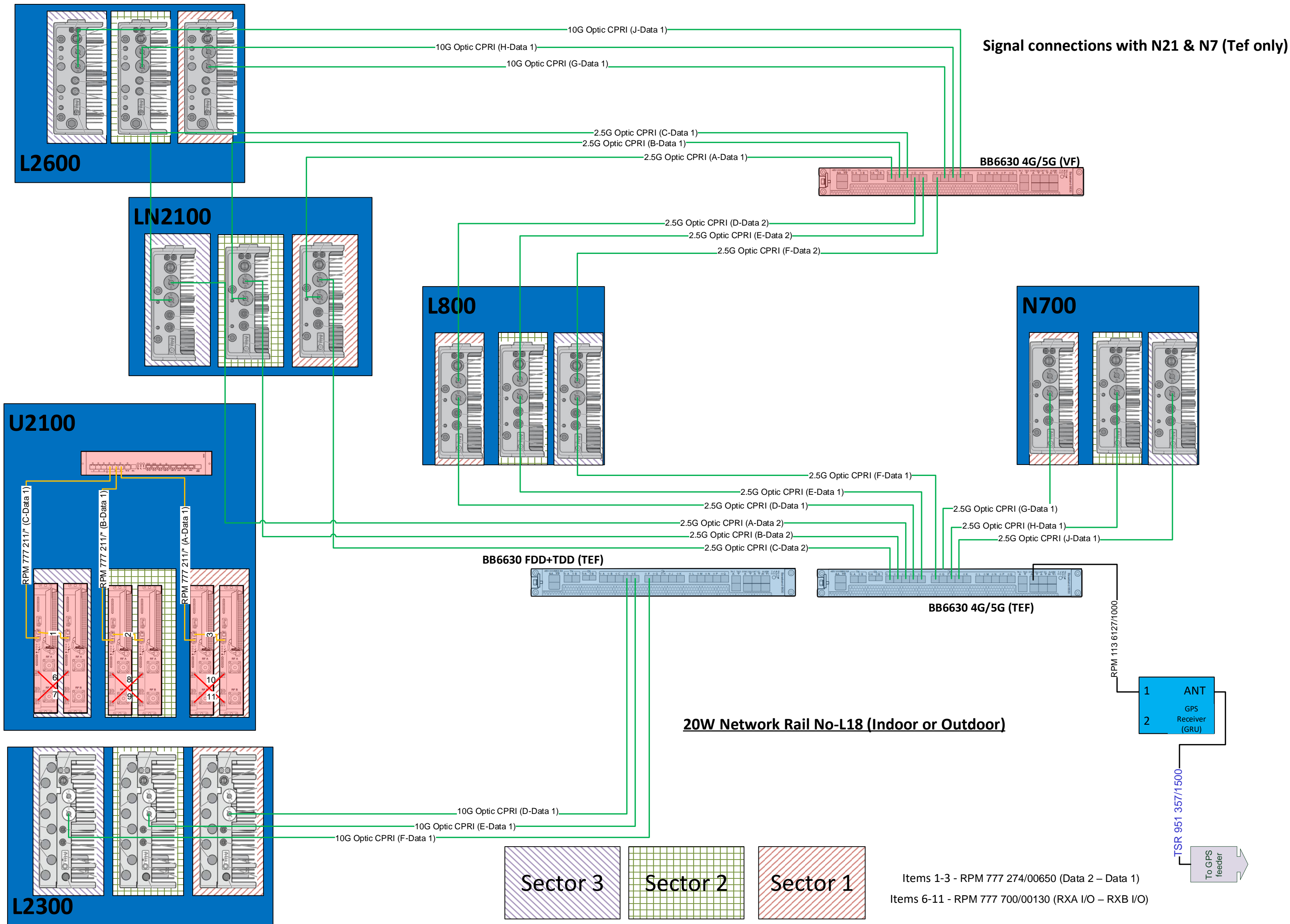


Signal connections with N21 & N7 (MoRAN)
3x4415 B1

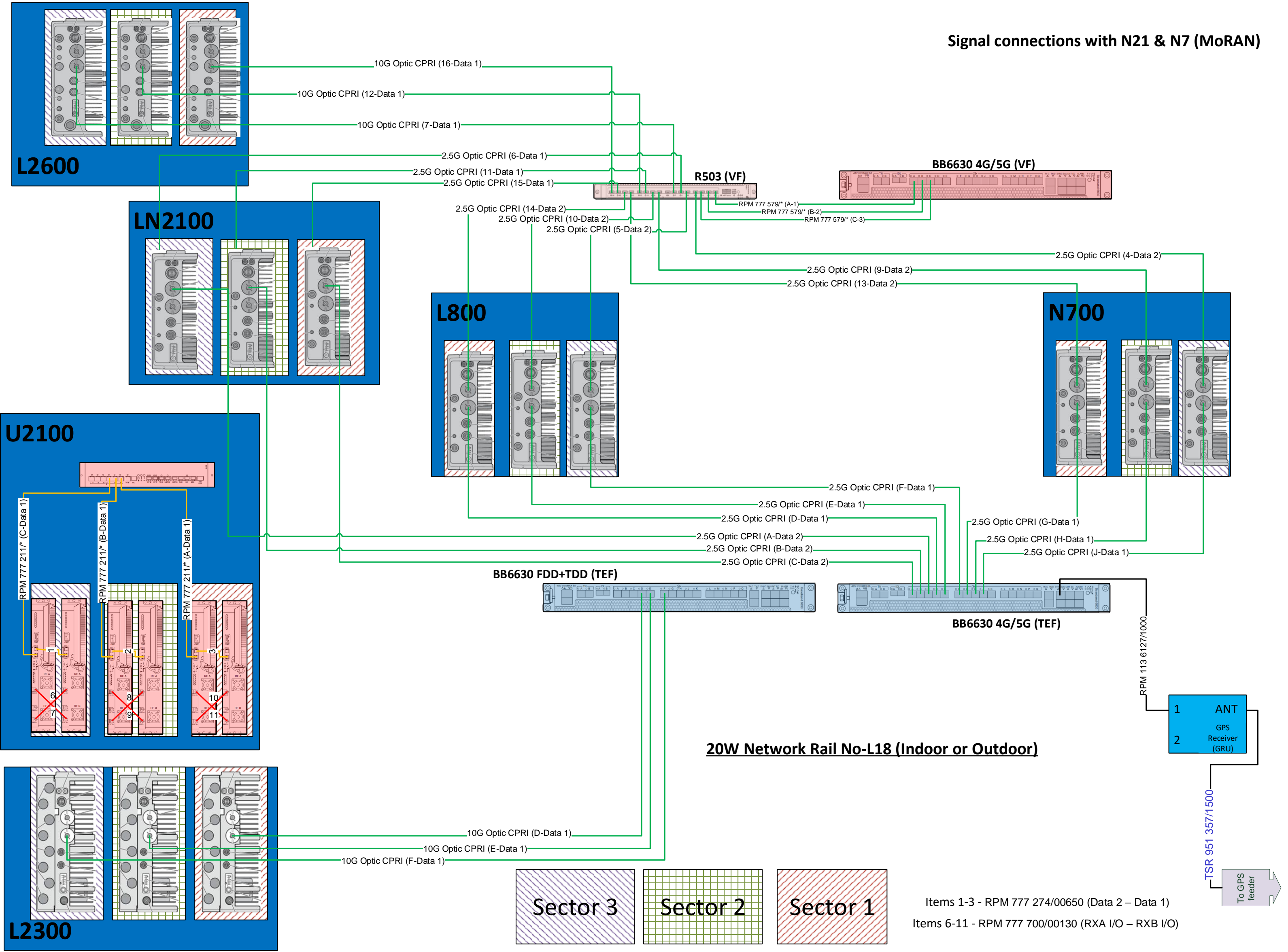


Signal connections For Baseline

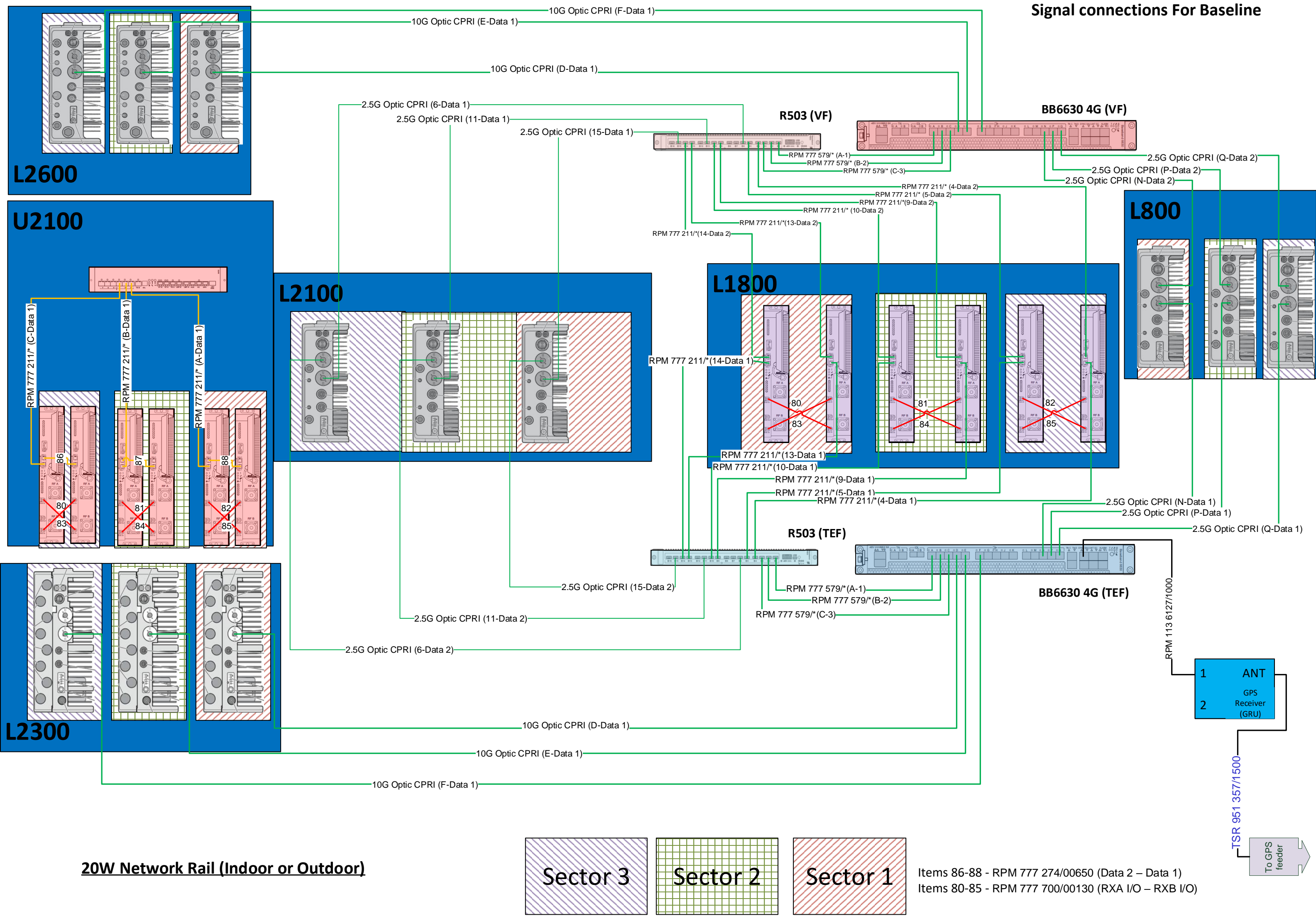




Signal connections with N21 & N7 (MoRAN)

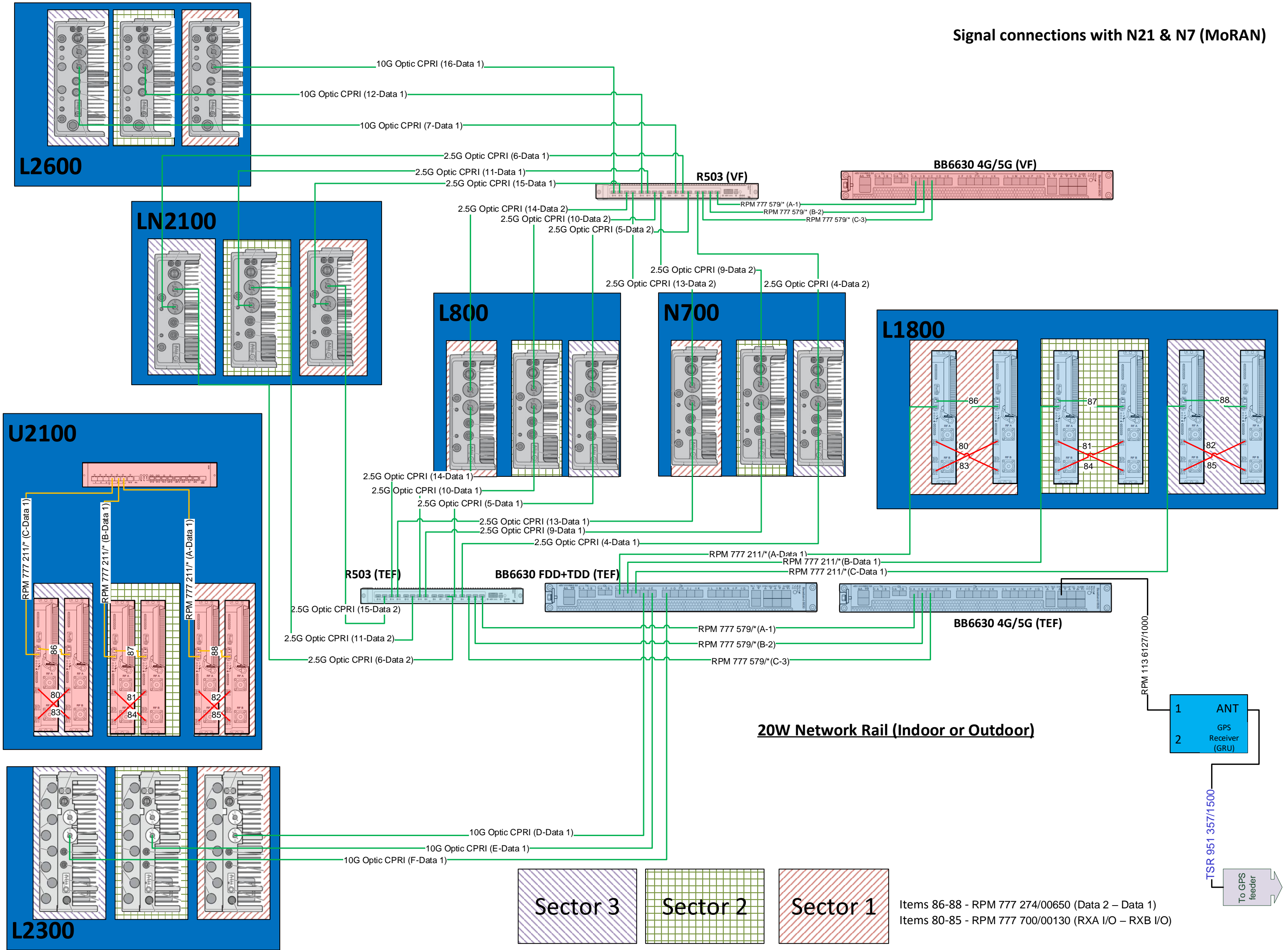


Signal connections For Baseline

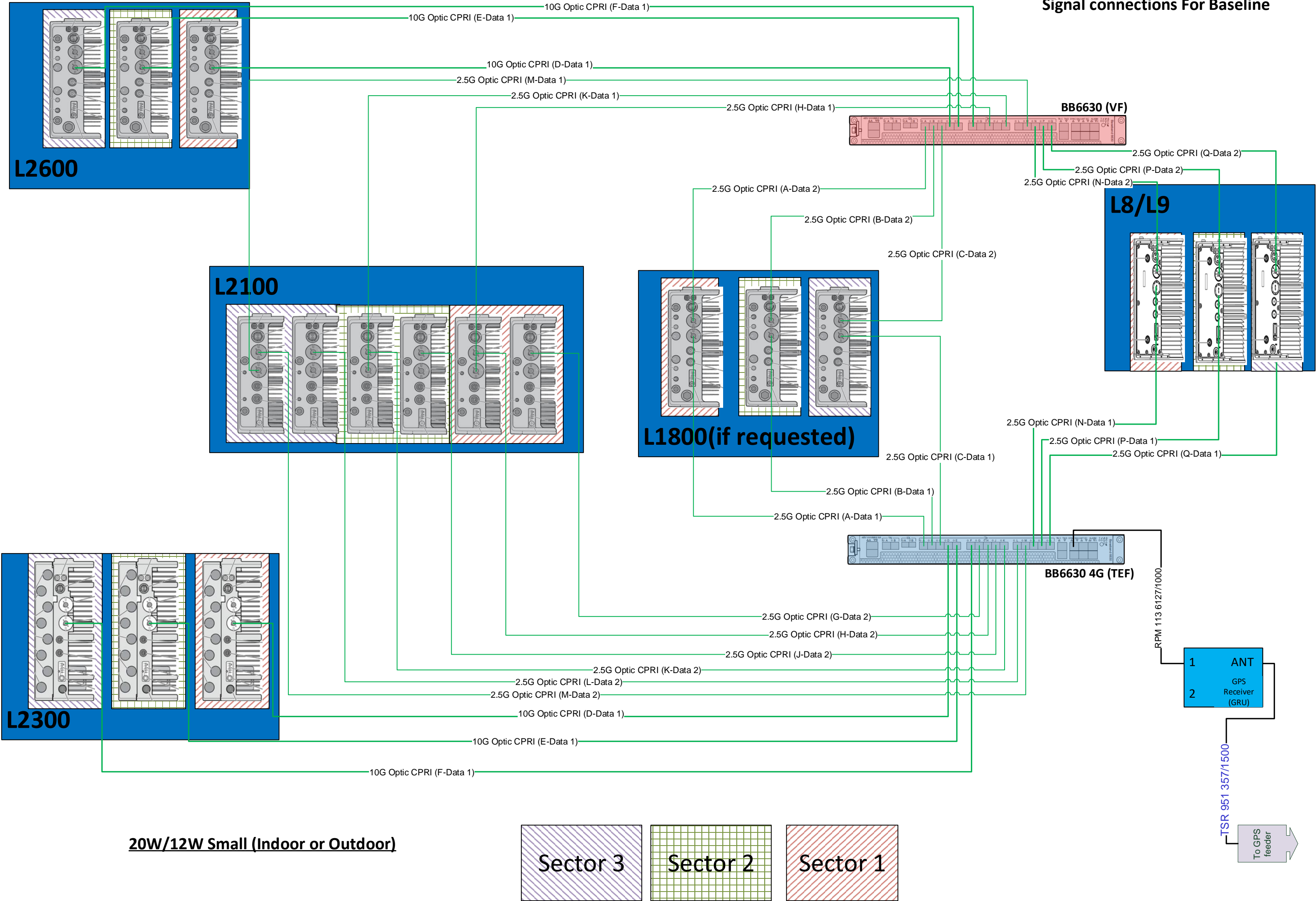


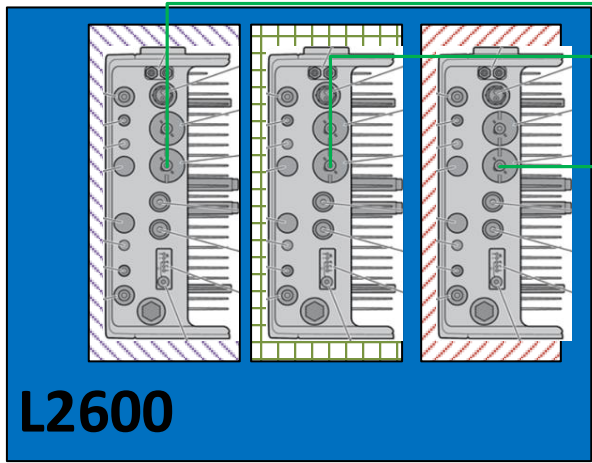
TSR 951 357/1500

Signal connections with N21 & N7 (MoRAN)

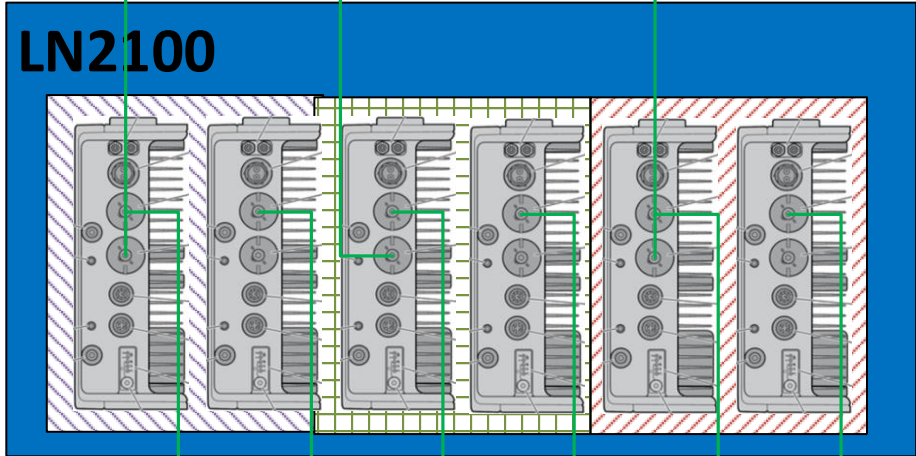


Signal connections For Baseline

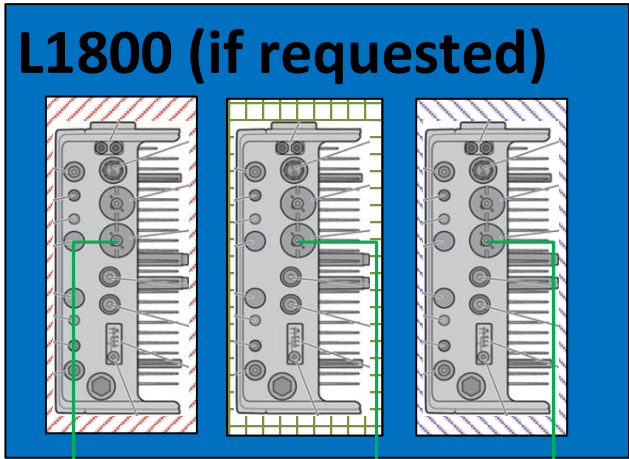




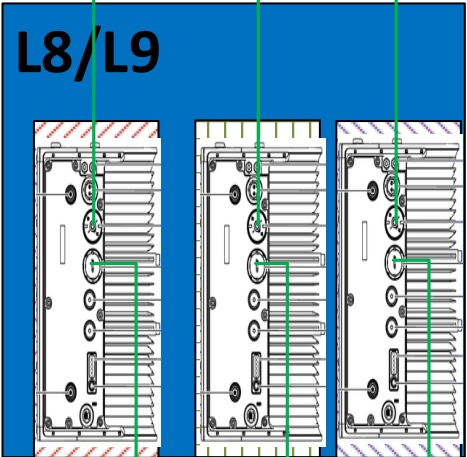
L2600



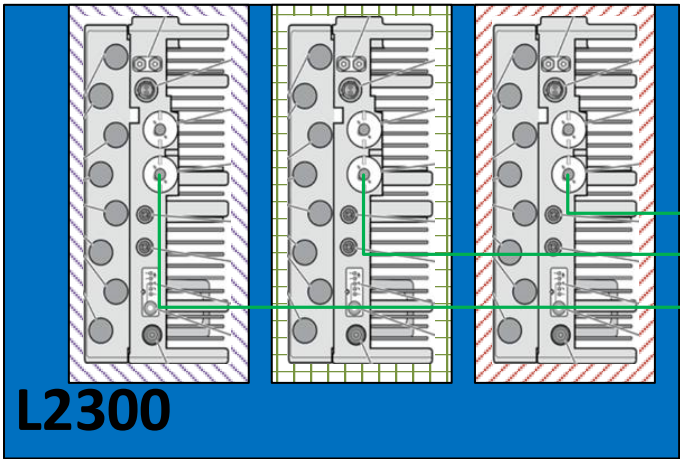
LN2100



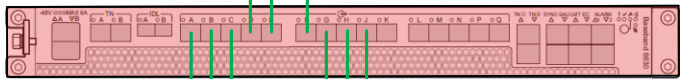
L1800 (if requested)



L8/L9



L2300

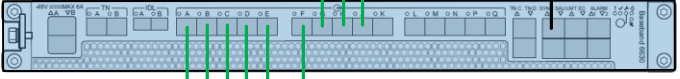


Signal connections with N21
6x2217 B1

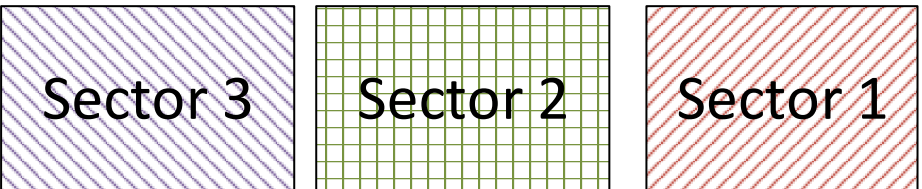
BB6630 4G/5G (VF)



BB6630 FDD+TDD (TEF)



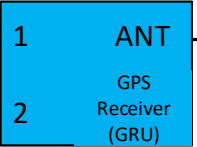
BB6630 4G/5G (TEF)



Sector 3

Sector 2

Sector 1

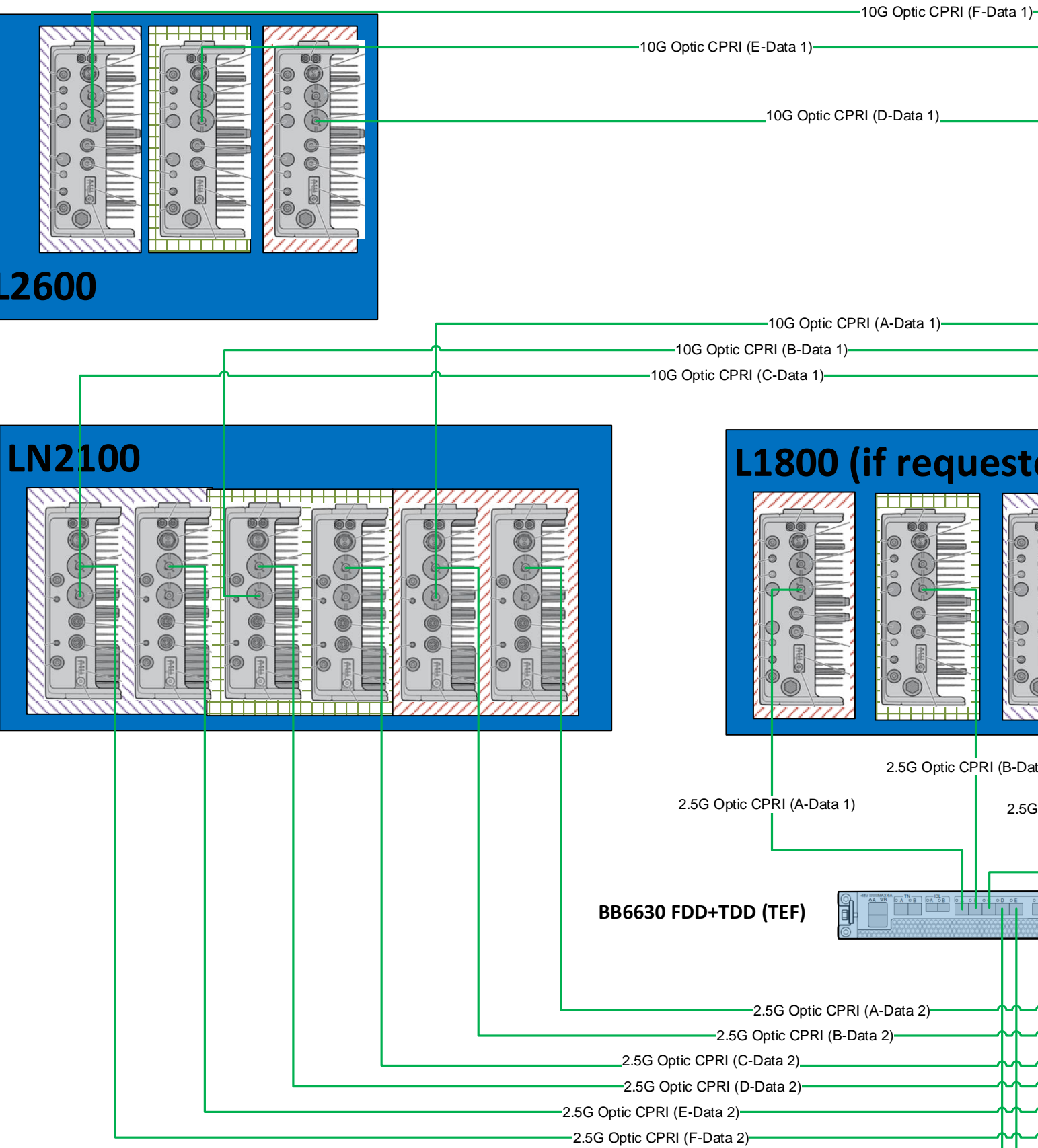


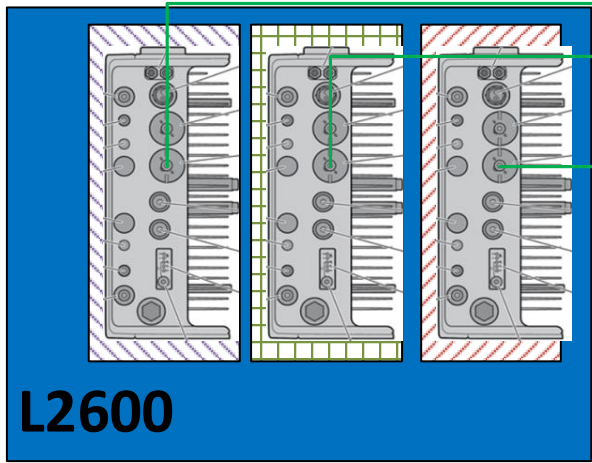
TSR 951 357/1500



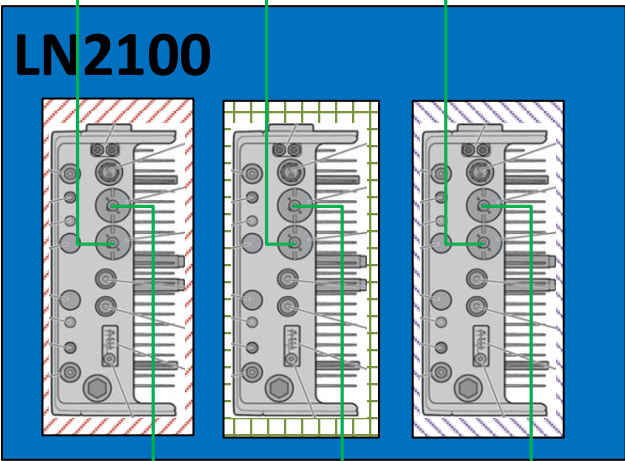
20W/12W Small (Indoor or Outdoor)

RPM 113 6127/1000

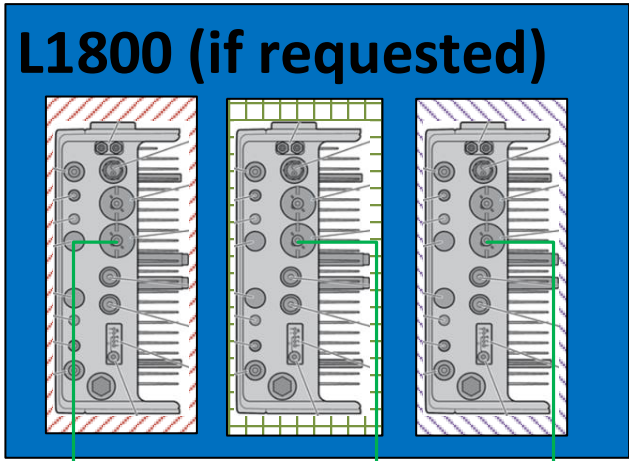




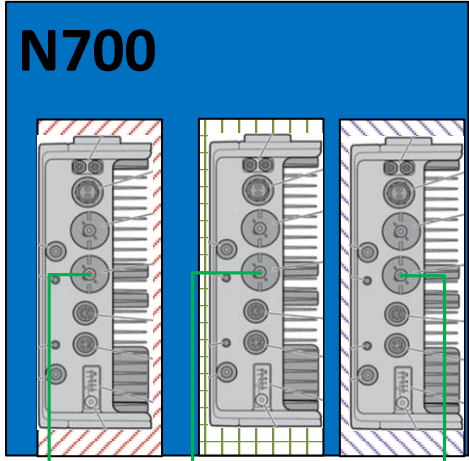
L2600



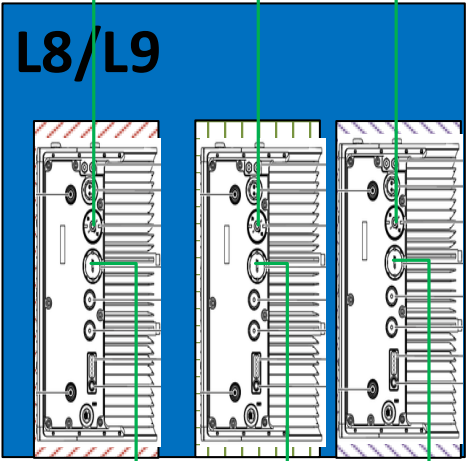
LN2100



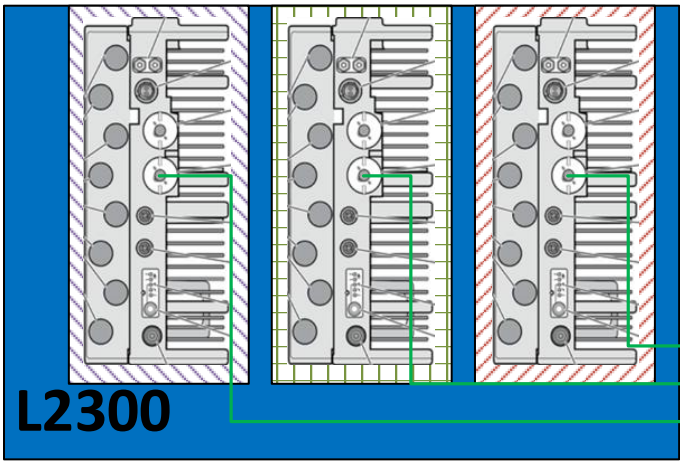
L1800 (if requested)



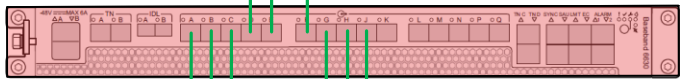
N700



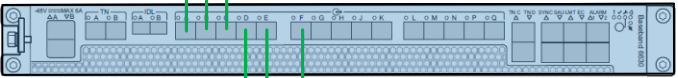
L8/L9



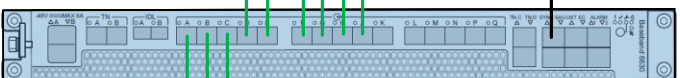
L2300



BB6630 4G/5G (VF)



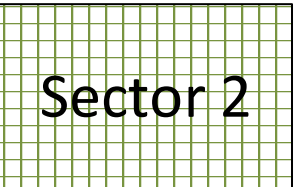
BB6630 FDD+TDD (TEF)



BB6630 4G/5G (TEF)



Sector 3



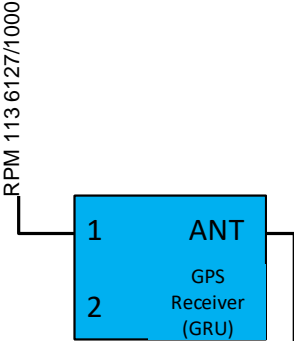
Sector 2



Sector 1

Signal connections with N21 & N7 (Tef only)
3x4415 B1

20W/12W Small (Indoor or Outdoor)

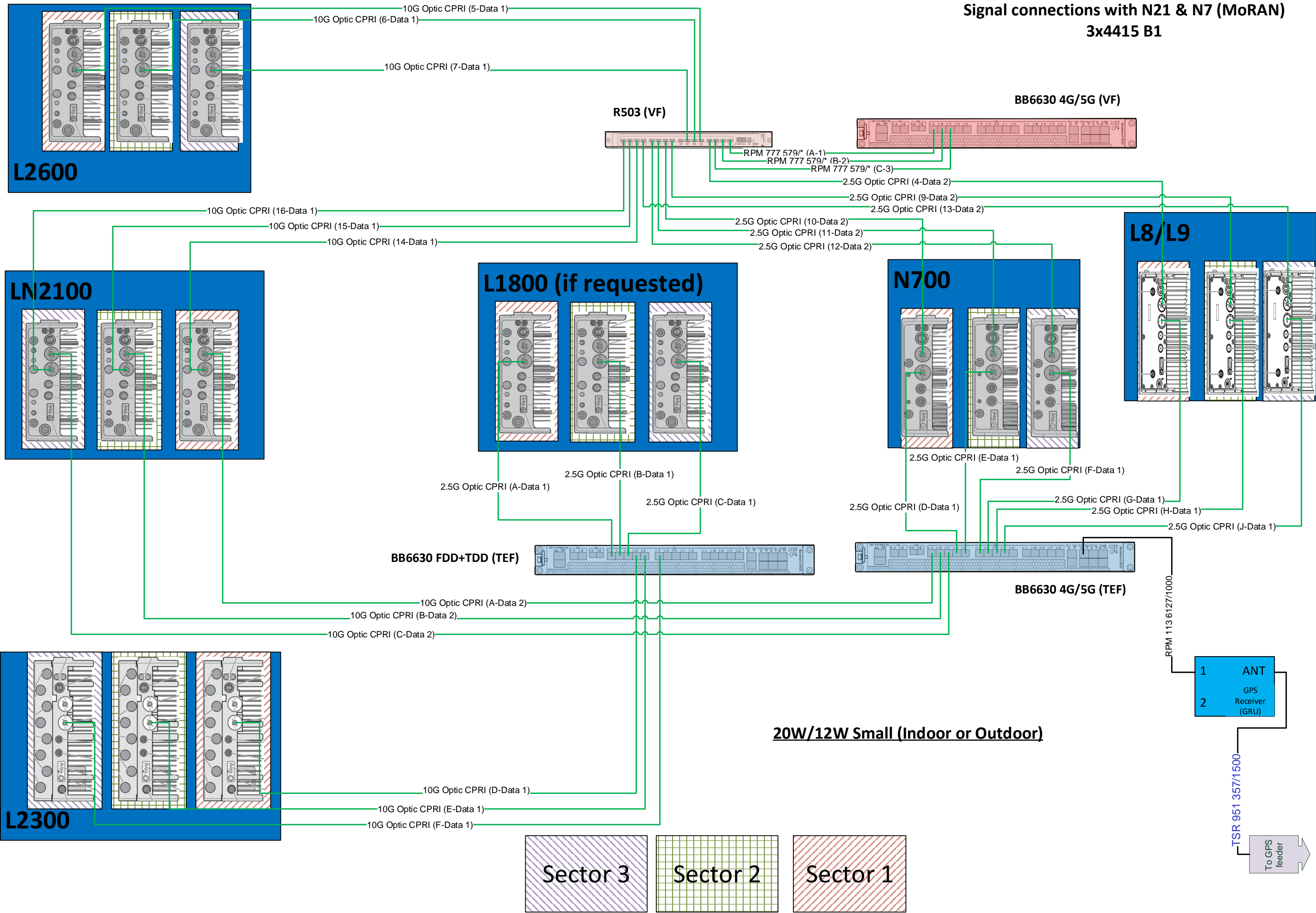


TSR 951 357/1500

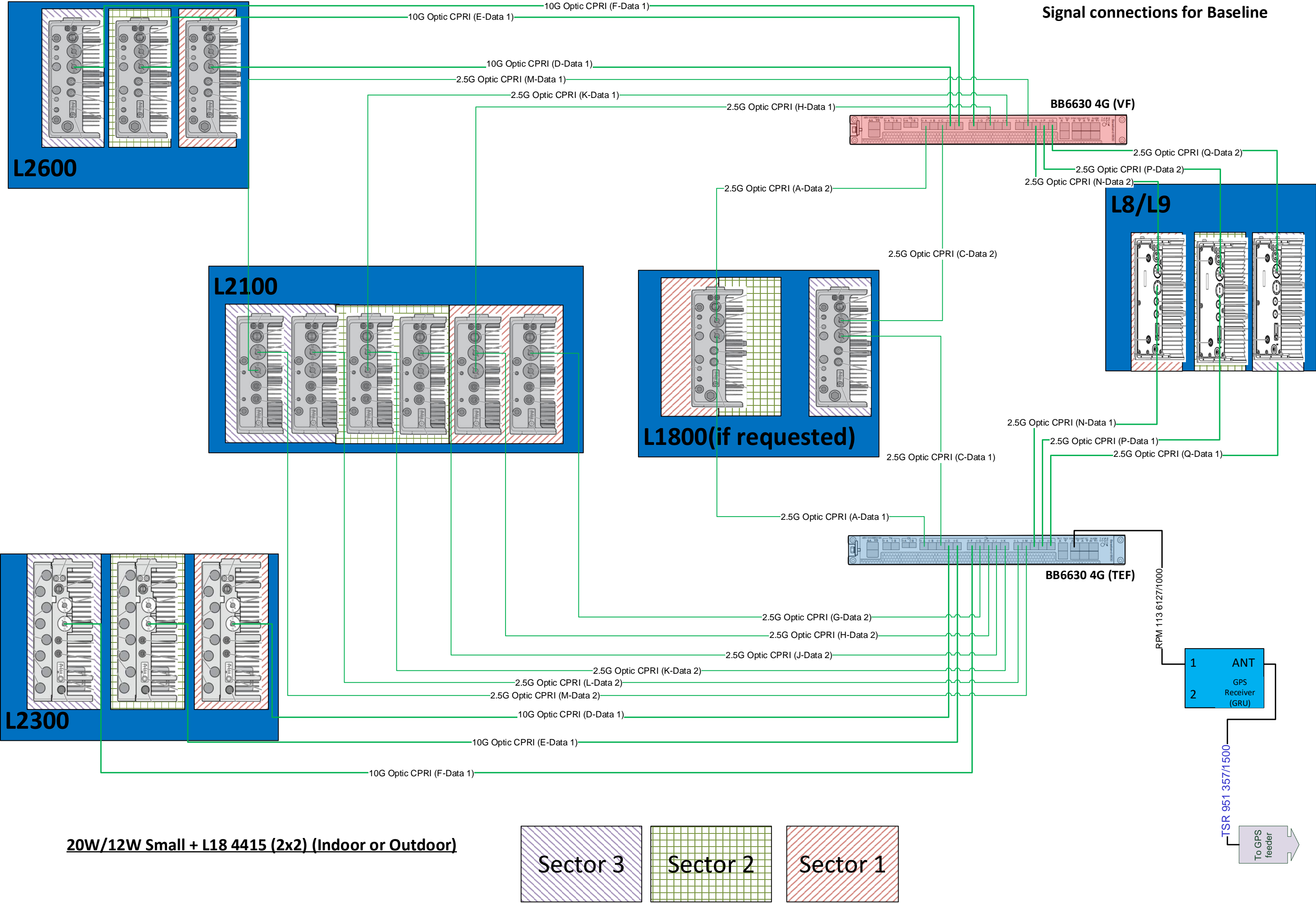


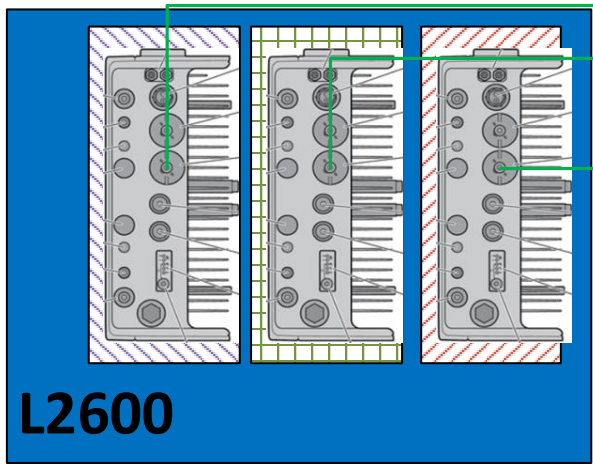
To GPS feeder

Signal connections with N21 & N7 (MoRAN)
3x4415 B1

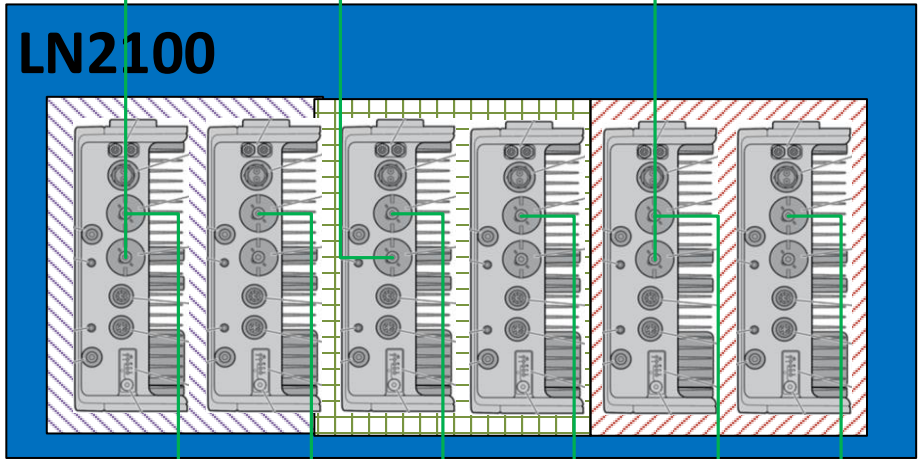


Signal connections for Baseline

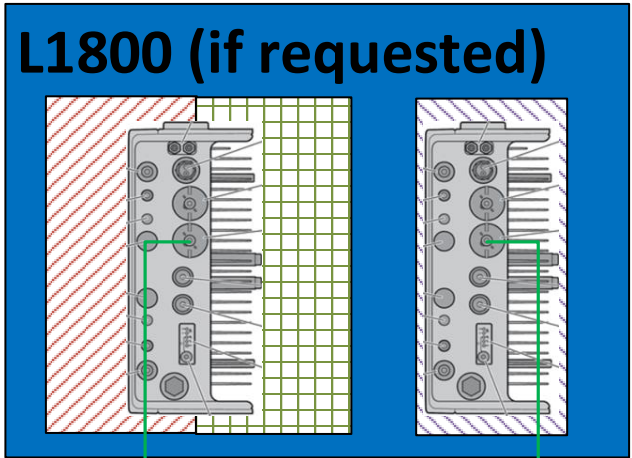




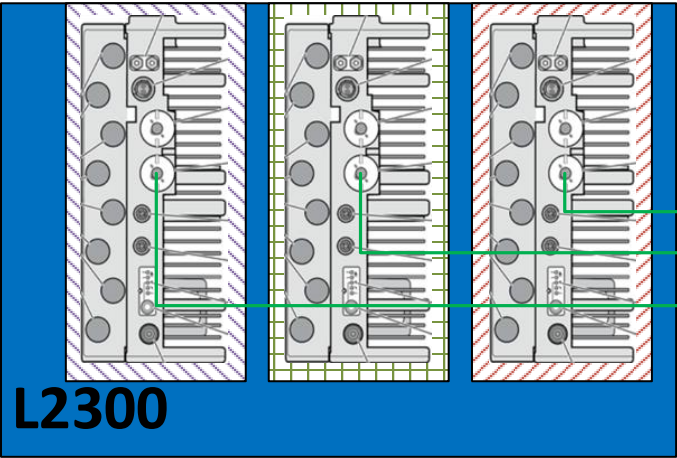
L2600



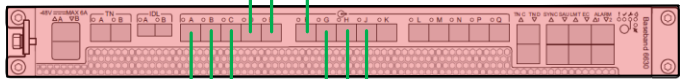
LN2100



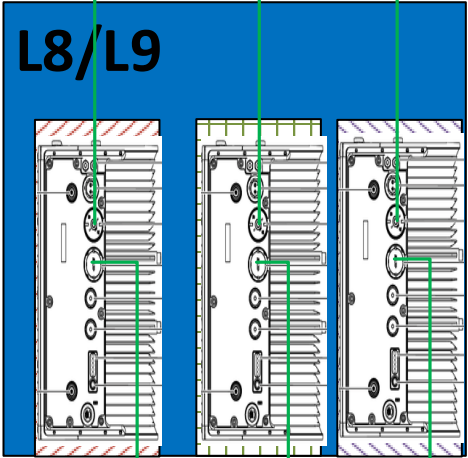
L1800 (if requested)



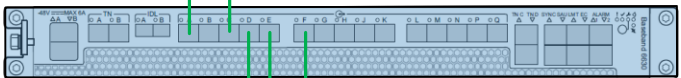
L2300



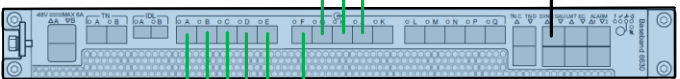
Signal connections with N21
6x2217 B1



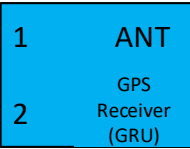
L8/L9



BB6630 FDD+TDD (TEF)



BB6630 4G/5G (TEF)



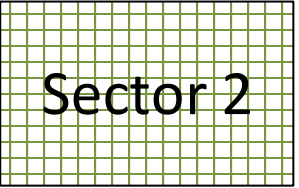
TSR 951 357/1500



20W/12W Small + L18 4415 (2x2) (Indoor or Outdoor)



Sector 3



Sector 2



Sector 1

10G Optic CPRI (F-Data 1)
10G Optic CPRI (E-Data 1)
10G Optic CPRI (D-Data 1)
10G Optic CPRI (A-Data 1)
10G Optic CPRI (B-Data 1)
10G Optic CPRI (C-Data 1)

2.5G Optic CPRI (J-Data 2)
2.5G Optic CPRI (H-Data 2)
2.5G Optic CPRI (G-Data 2)

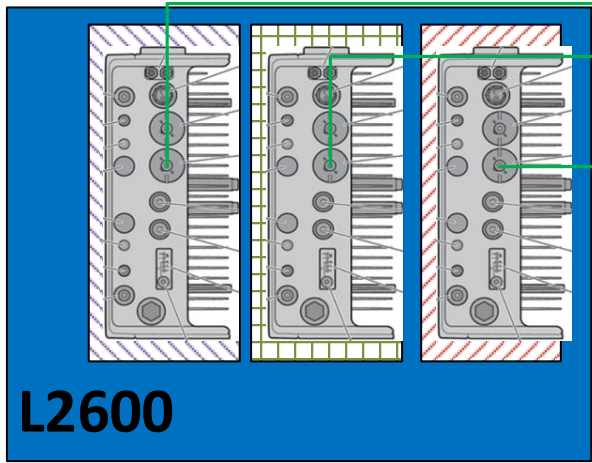
2.5G Optic CPRI (A-Data 1)
2.5G Optic CPRI (C-Data 1)

2.5G Optic CPRI (G-Data 1)
2.5G Optic CPRI (H-Data 1)
2.5G Optic CPRI (J-Data 1)

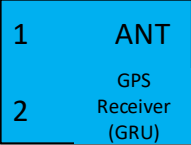
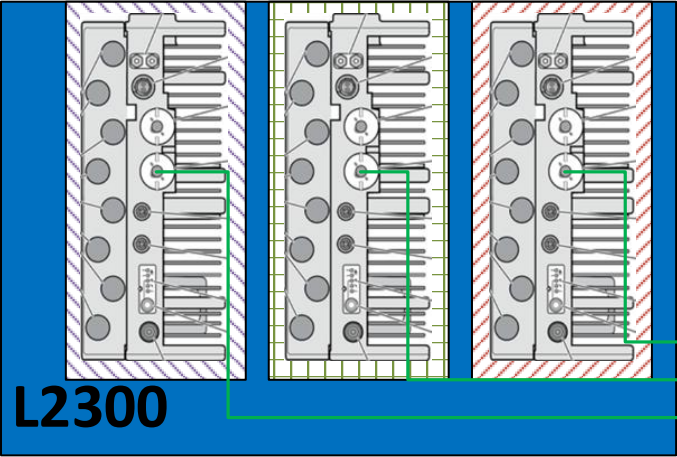
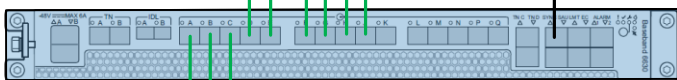
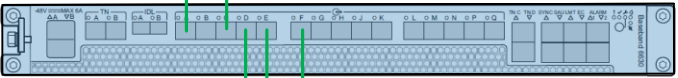
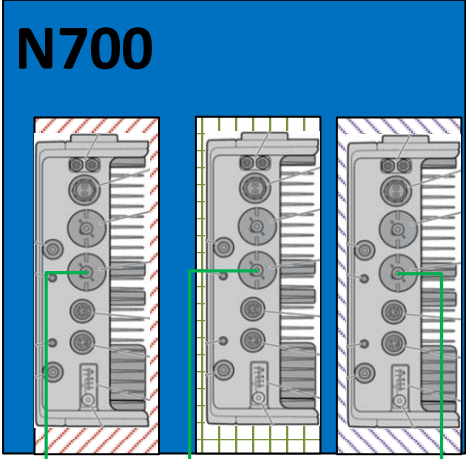
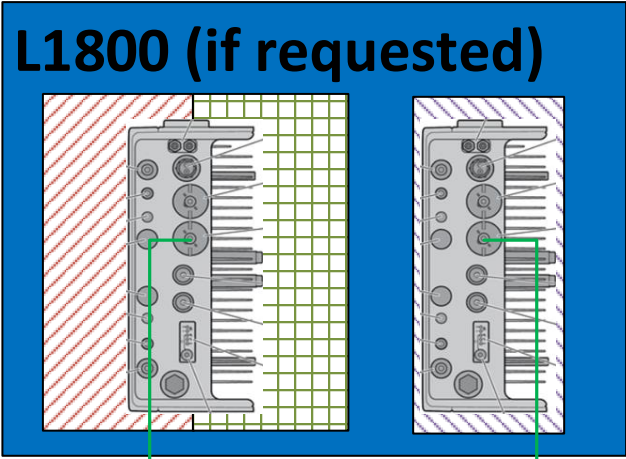
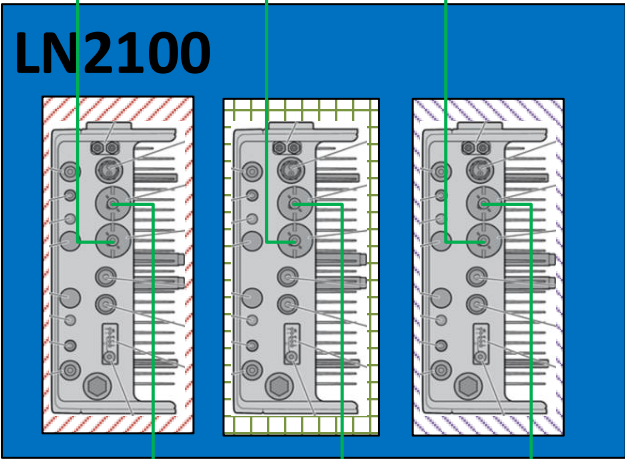
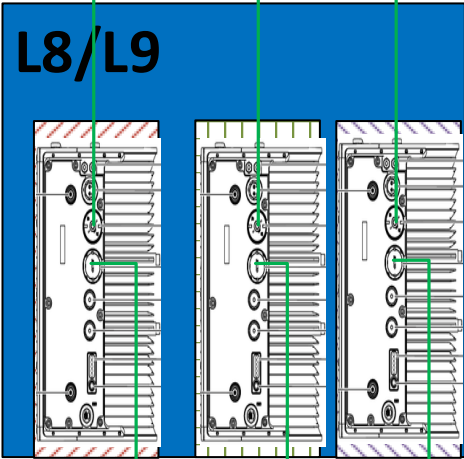
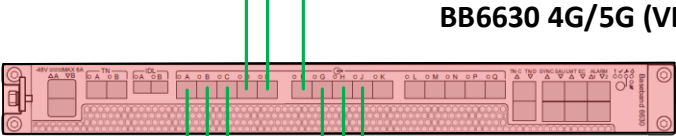
2.5G Optic CPRI (A-Data 2)
2.5G Optic CPRI (B-Data 2)
2.5G Optic CPRI (C-Data 2)
2.5G Optic CPRI (D-Data 2)
2.5G Optic CPRI (E-Data 2)
2.5G Optic CPRI (F-Data 2)

10G Optic CPRI (D-Data 1)
10G Optic CPRI (E-Data 1)
10G Optic CPRI (F-Data 1)

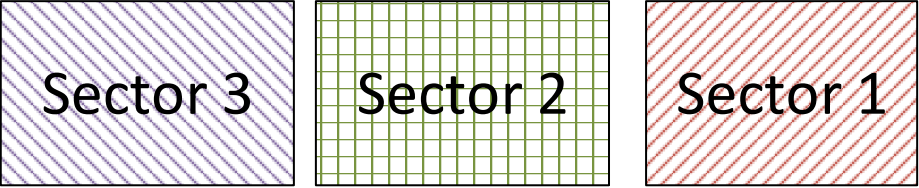
RPM 113 6127/1000



**Signal connections with N21 & N7 (Tef only)
3x4415 B1**



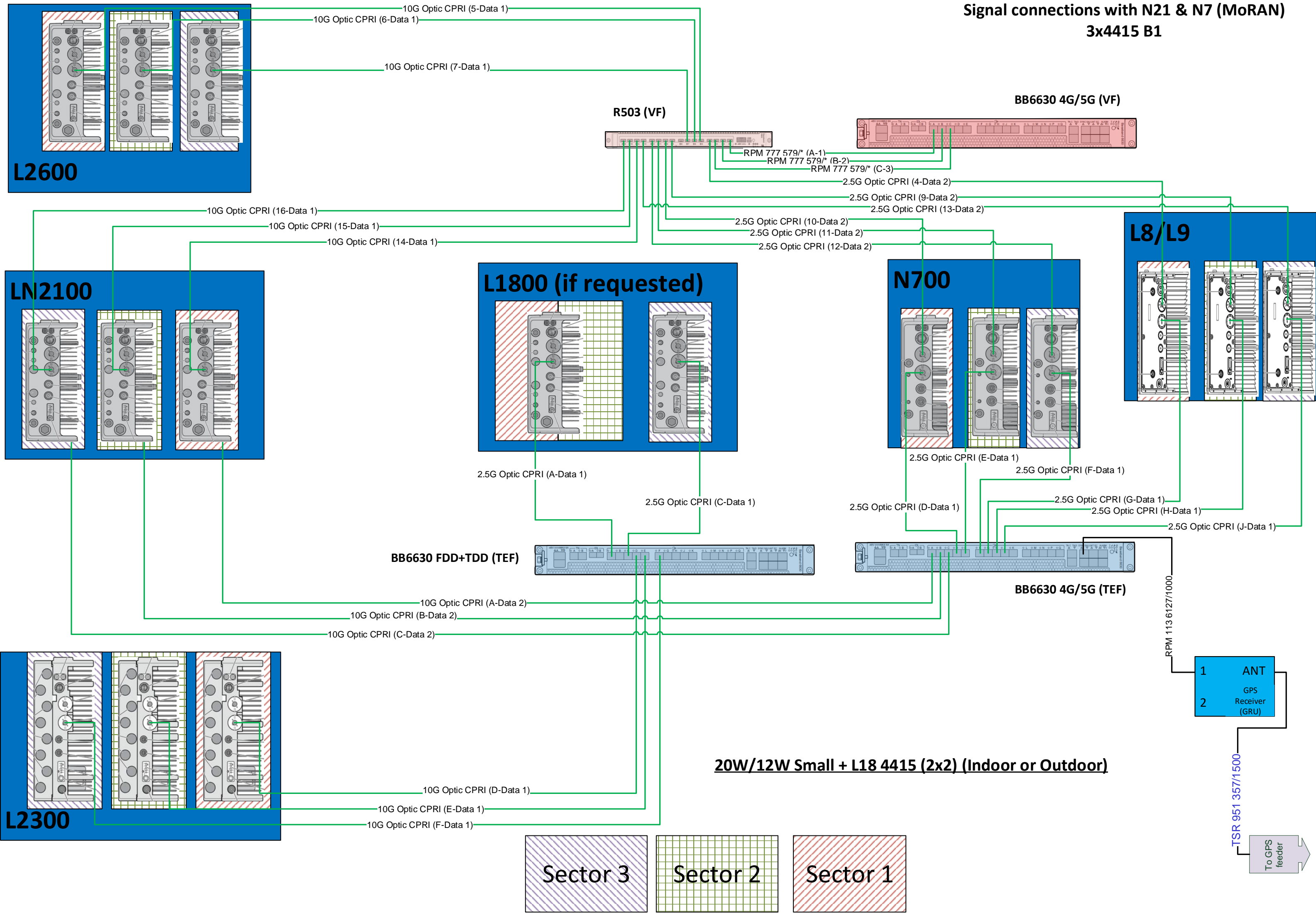
20W/12W Small + L18 4415 (2x2) (Indoor or Outdoor)



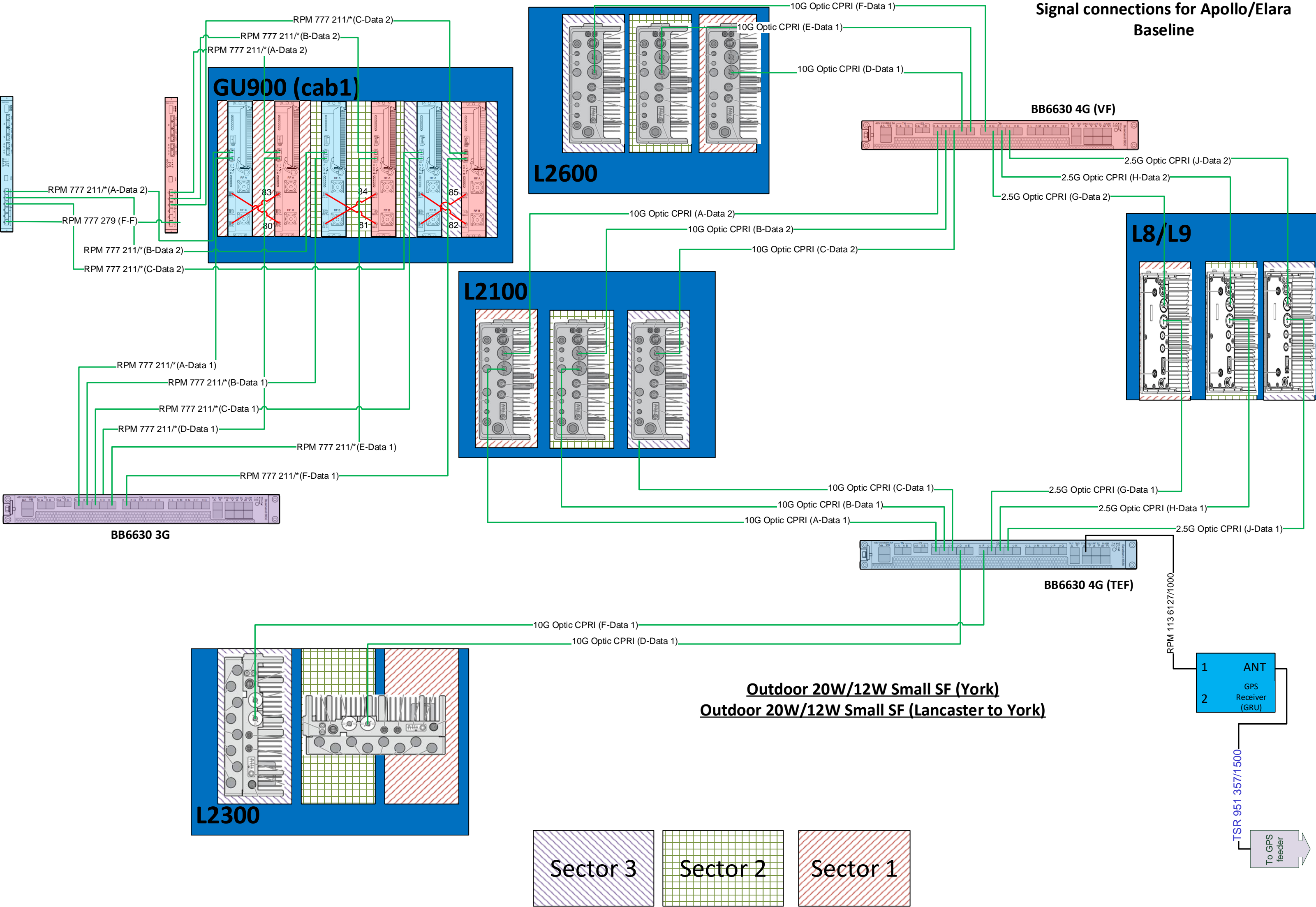
TSR 951 357/1500



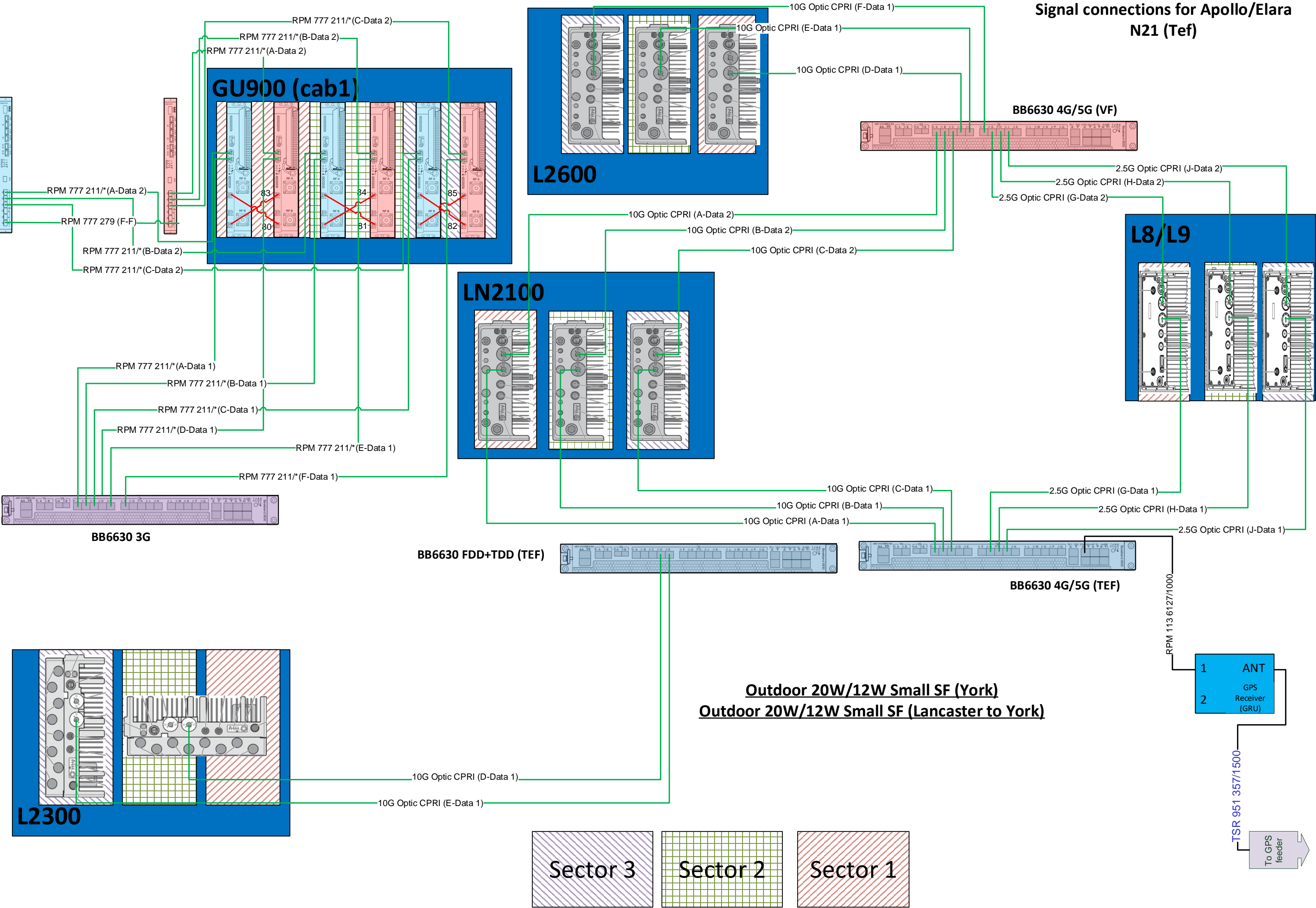
Signal connections with N21 & N7 (MoRAN)
3x4415 B1



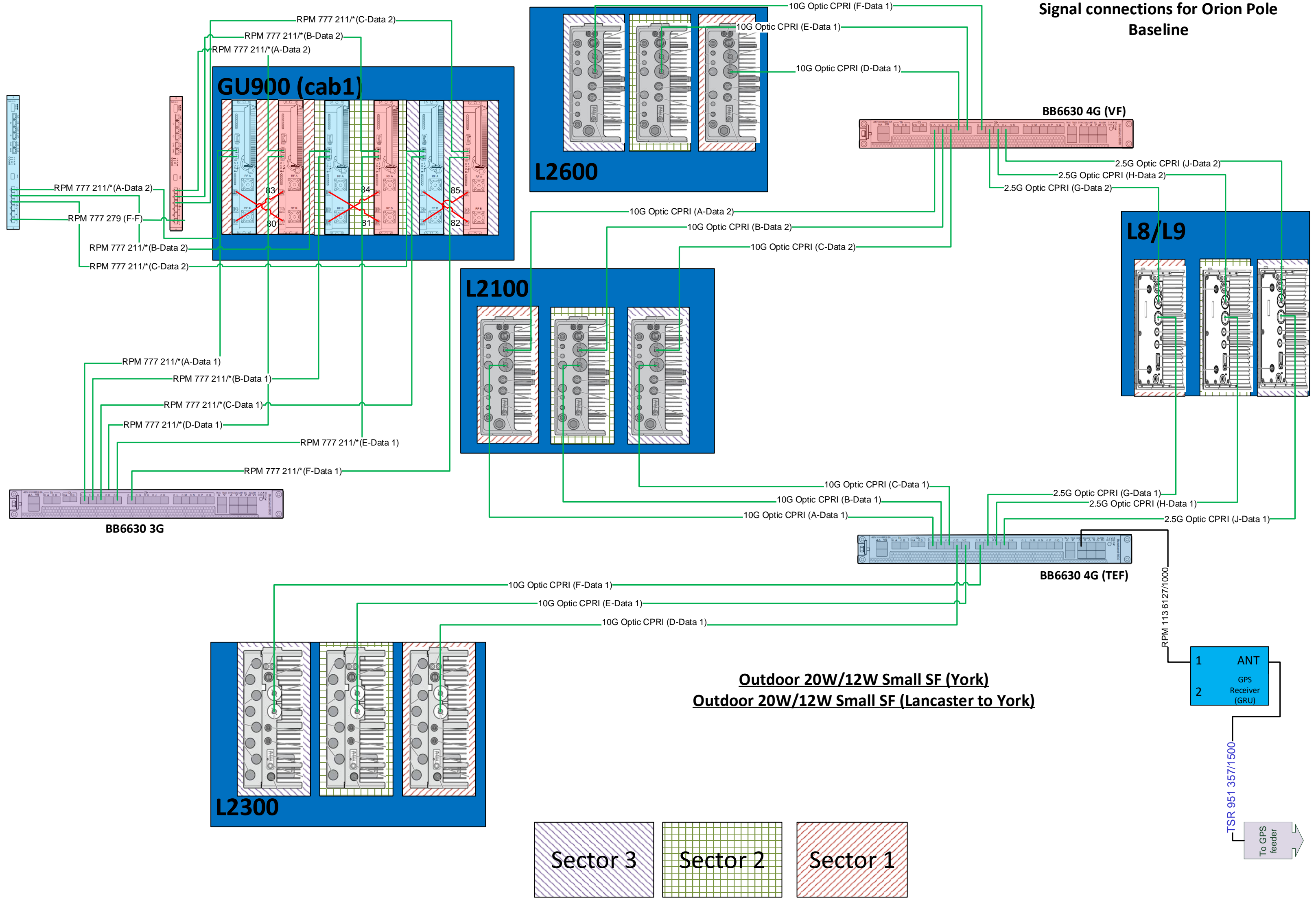
Signal connections for Apollo/Elara
Baseline



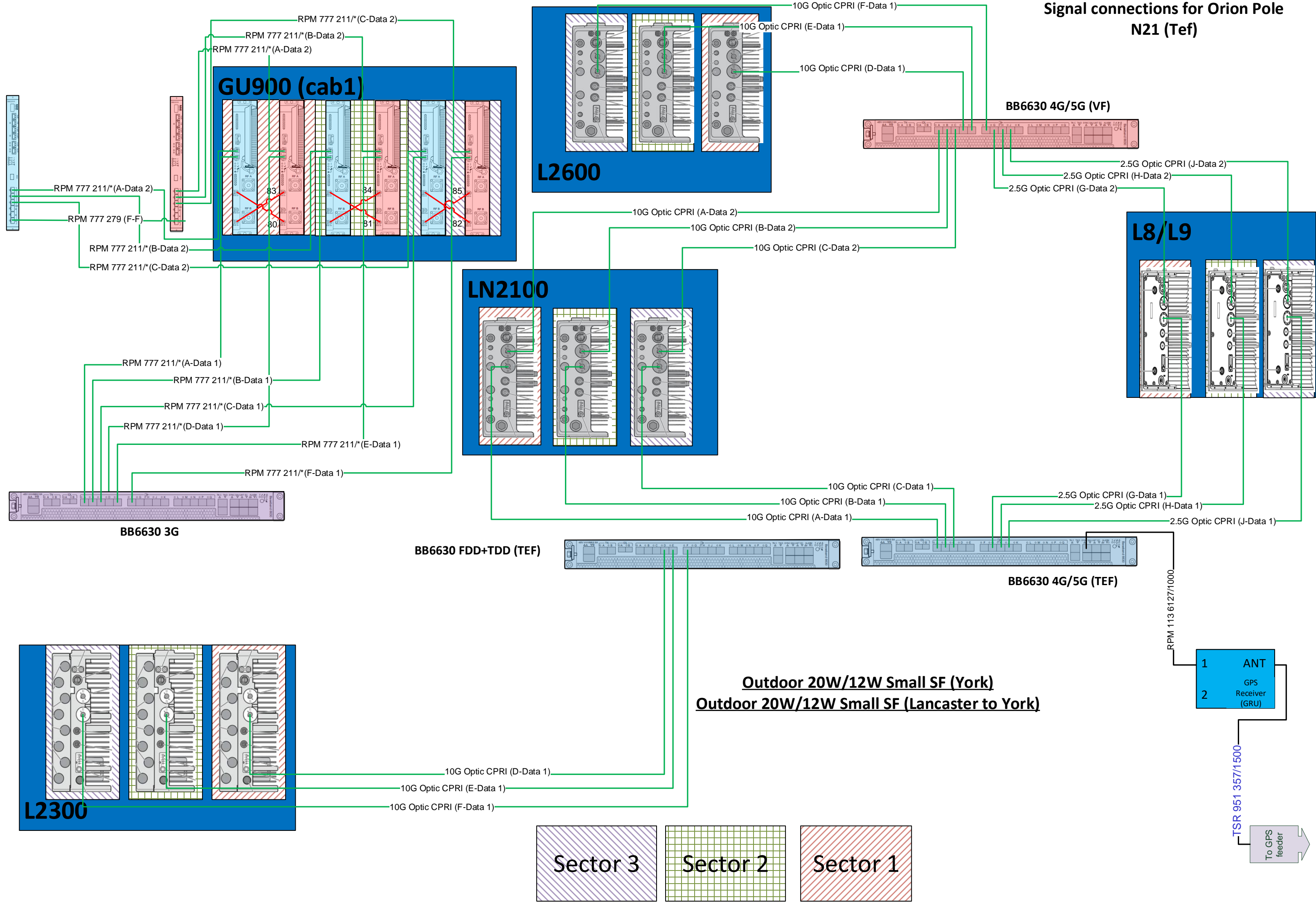
Signal connections for Apollo/Elara
N21 (Tef)



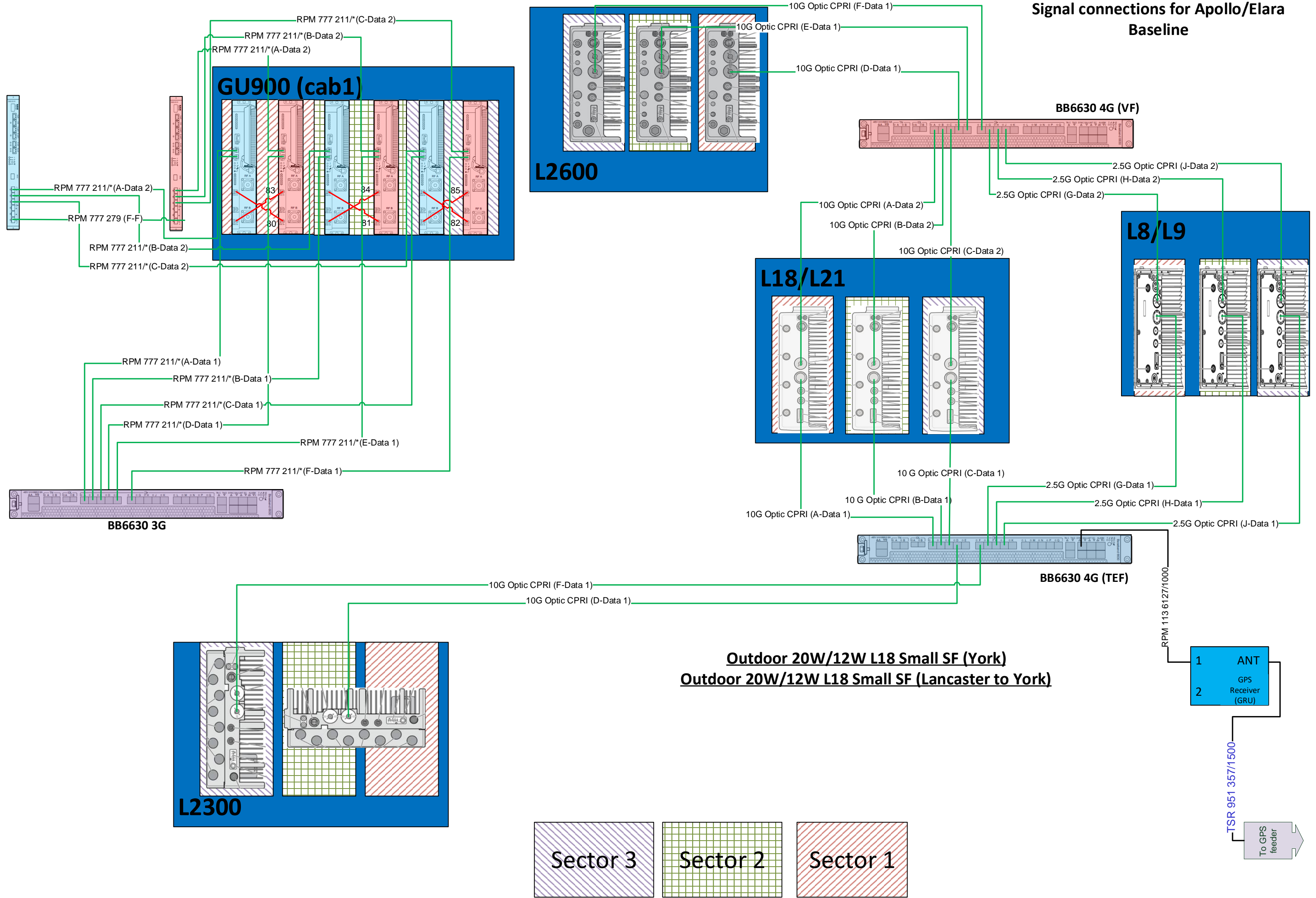
Signal connections for Orion Pole
Baseline

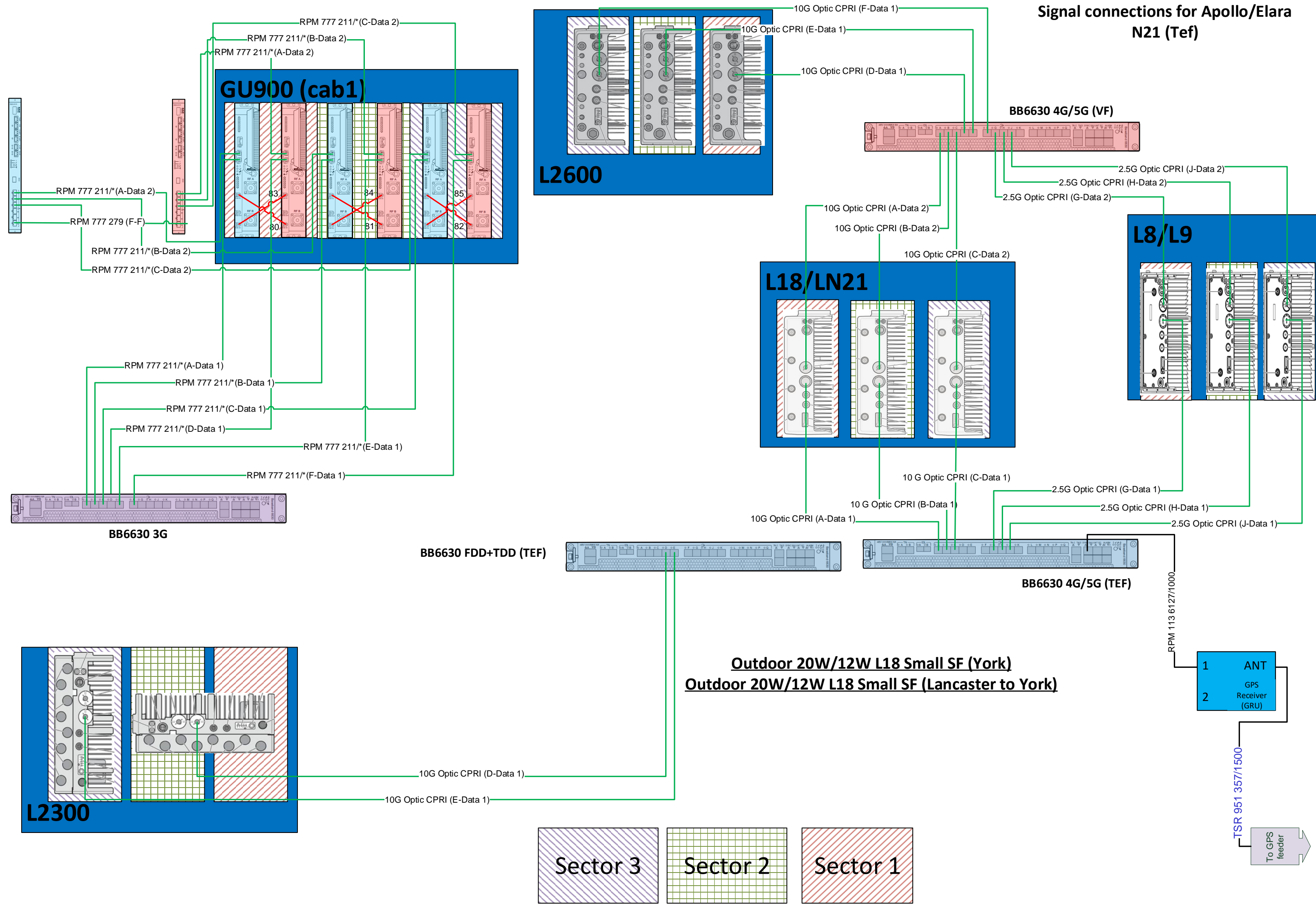


Signal connections for Orion Pole
N21 (Tef)

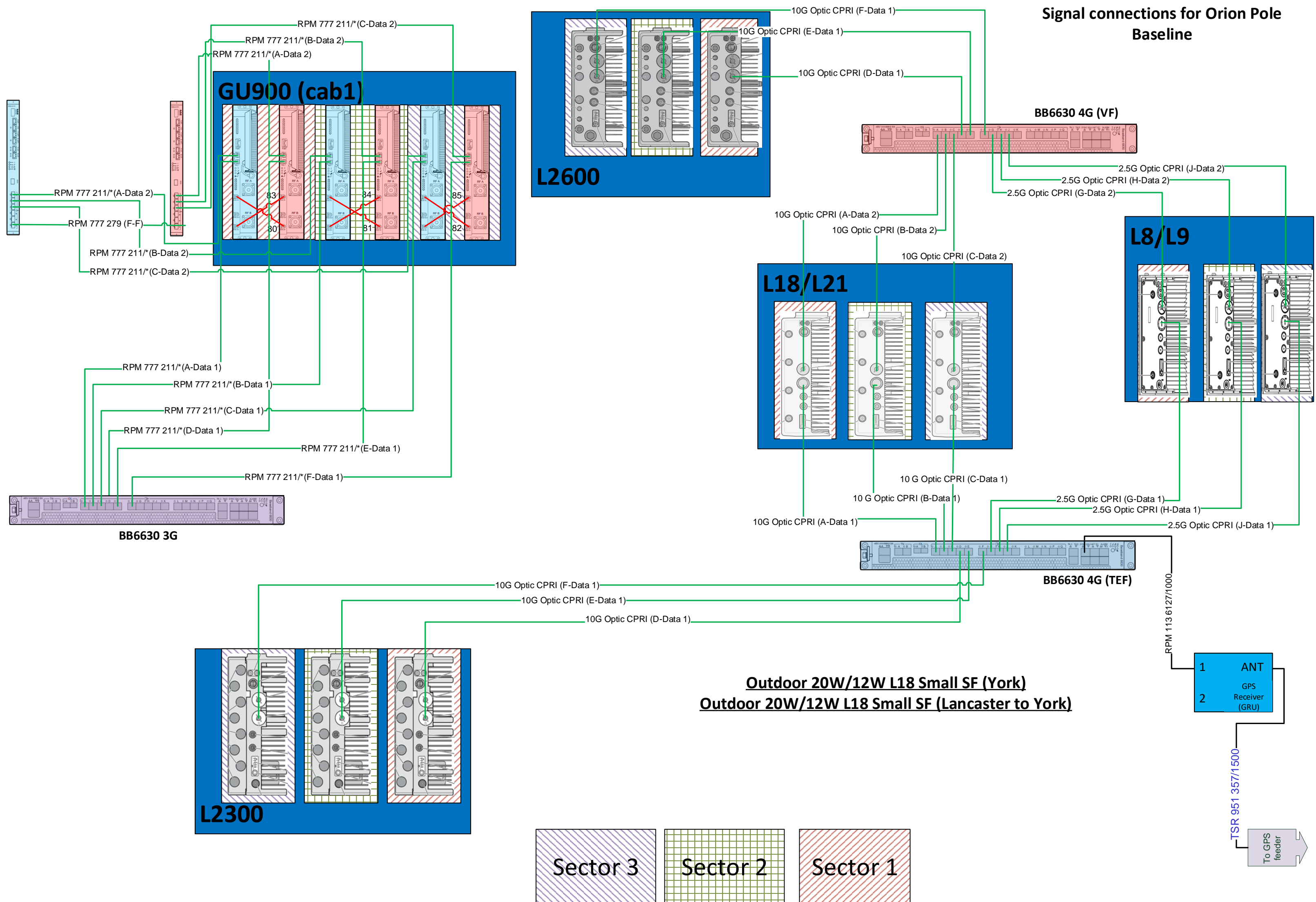


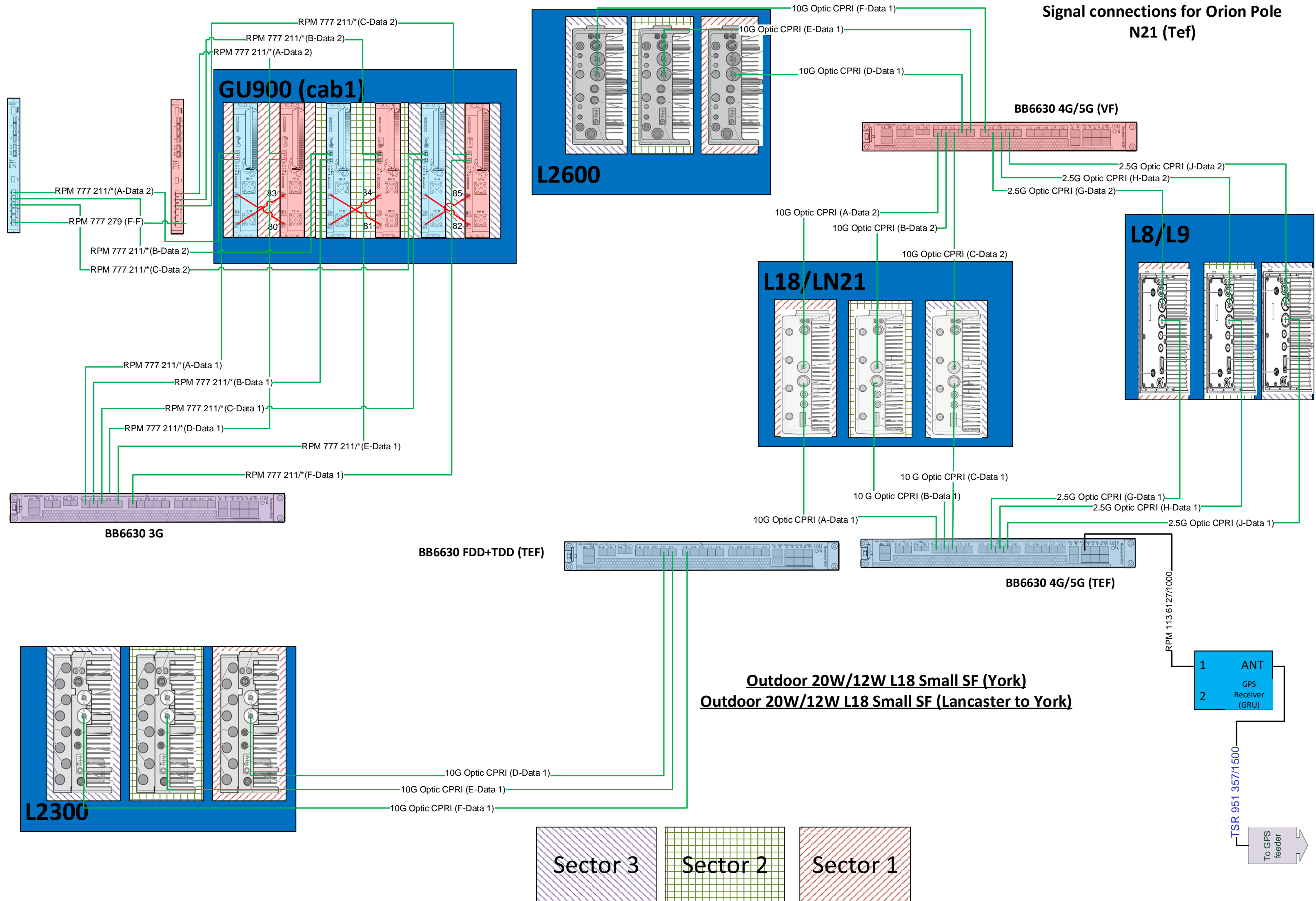
Signal connections for Apollo/Elara
Baseline



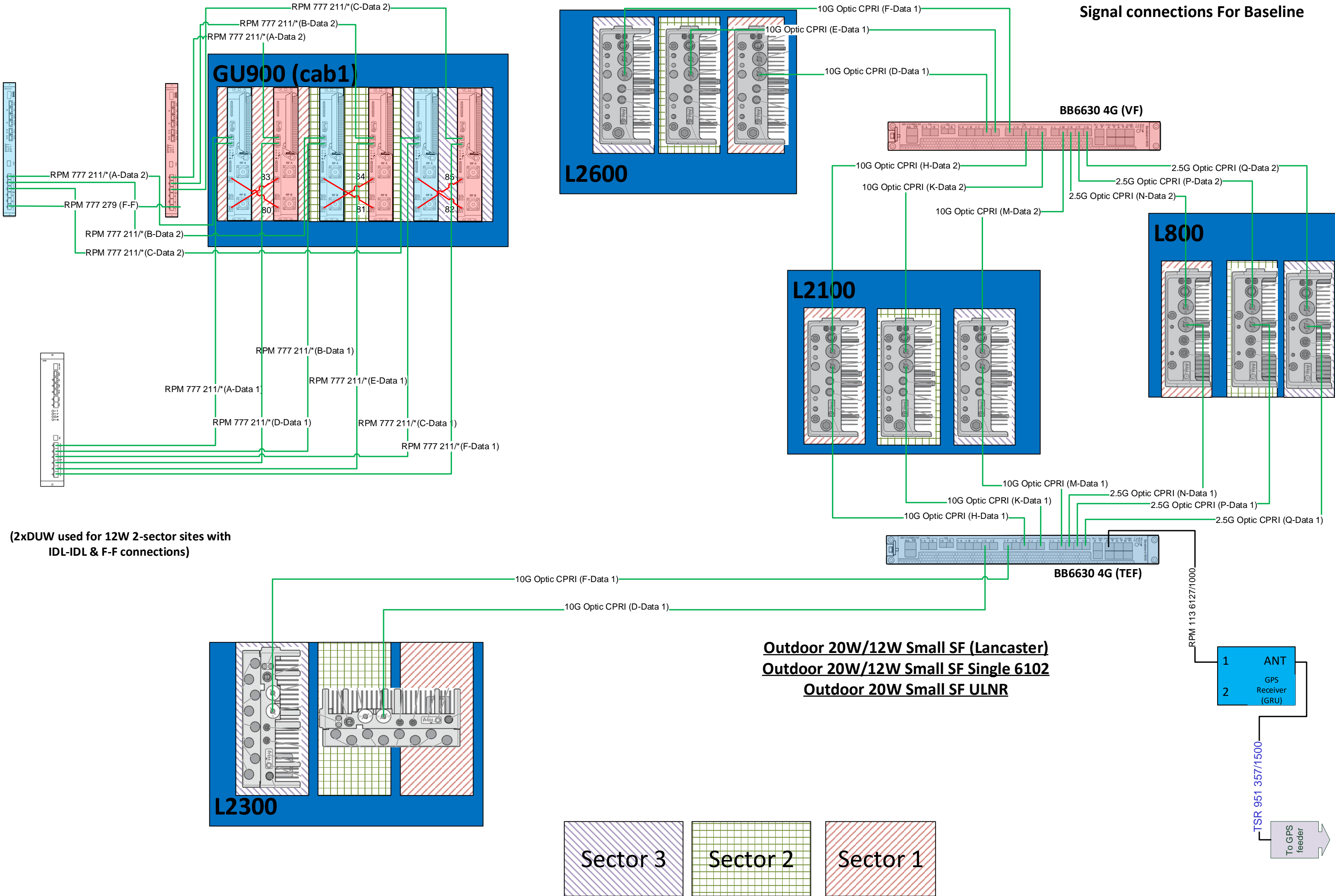


Signal connections for Orion Pole Baseline





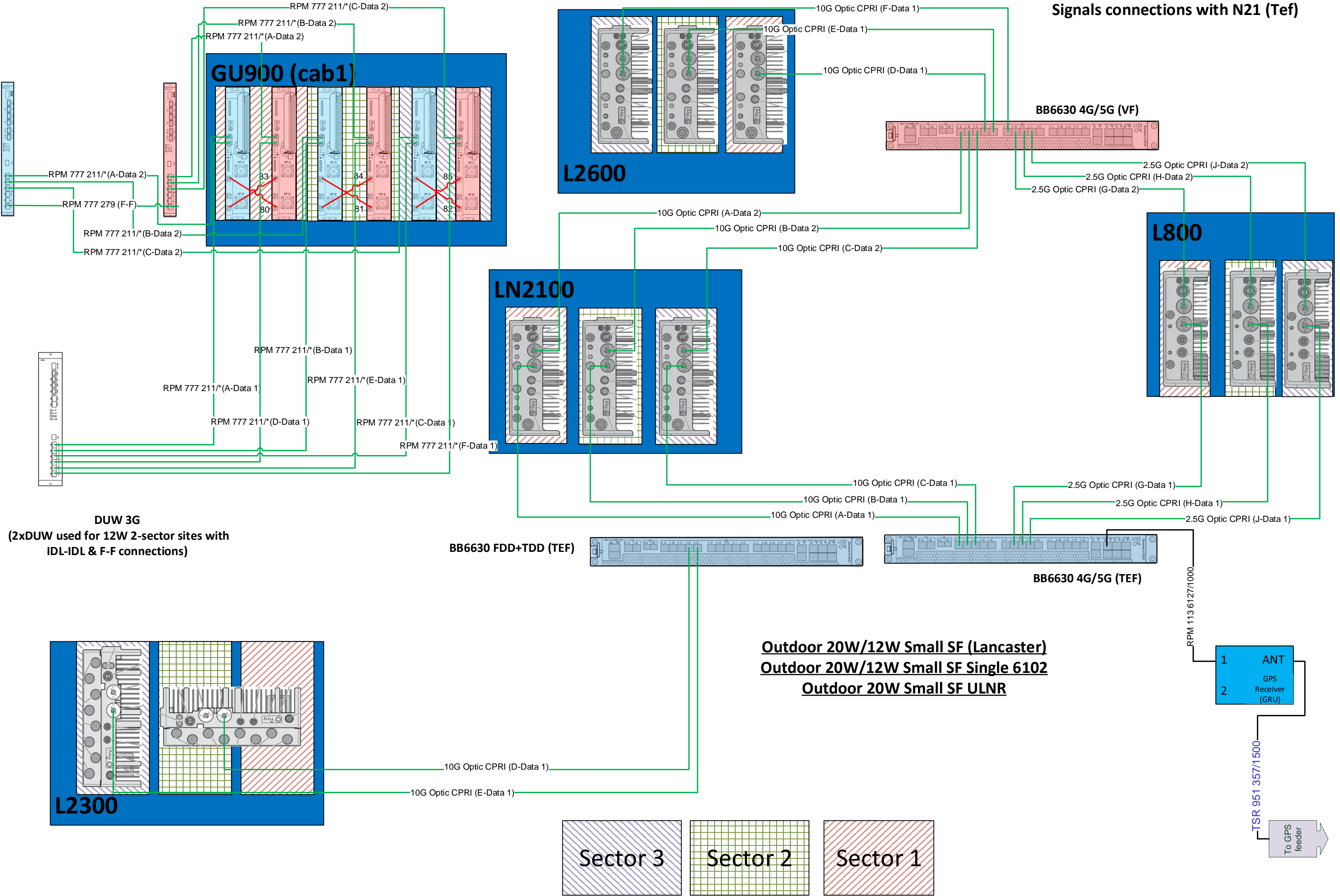
Signal connections For Baseline



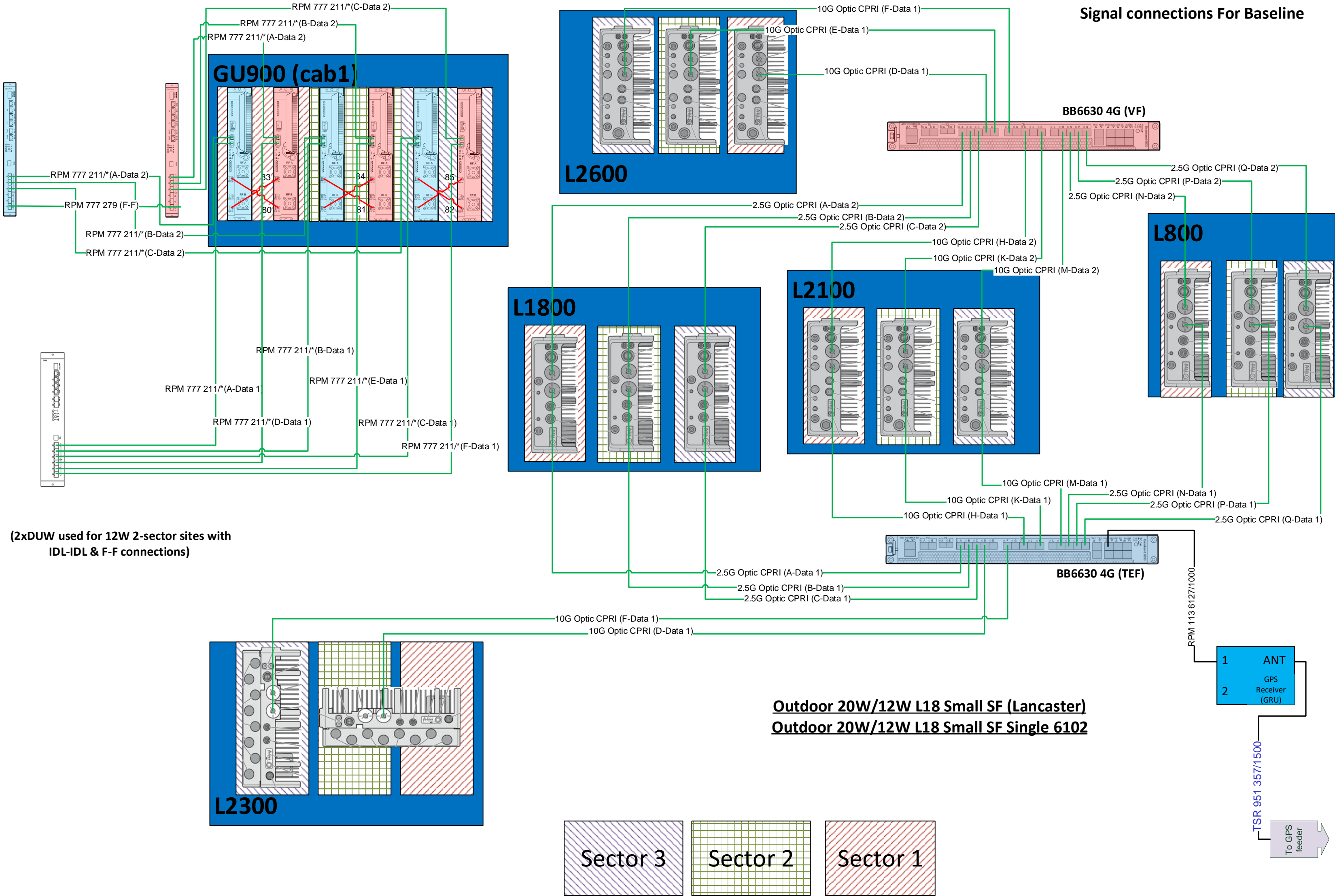
(2xDUW used for 12W 2-sector sites with IDL-IDL & F-F connections)

Outdoor 20W/12W Small SF (Lancaster)
Outdoor 20W/12W Small SF Single 6102
Outdoor 20W Small SF ULNR

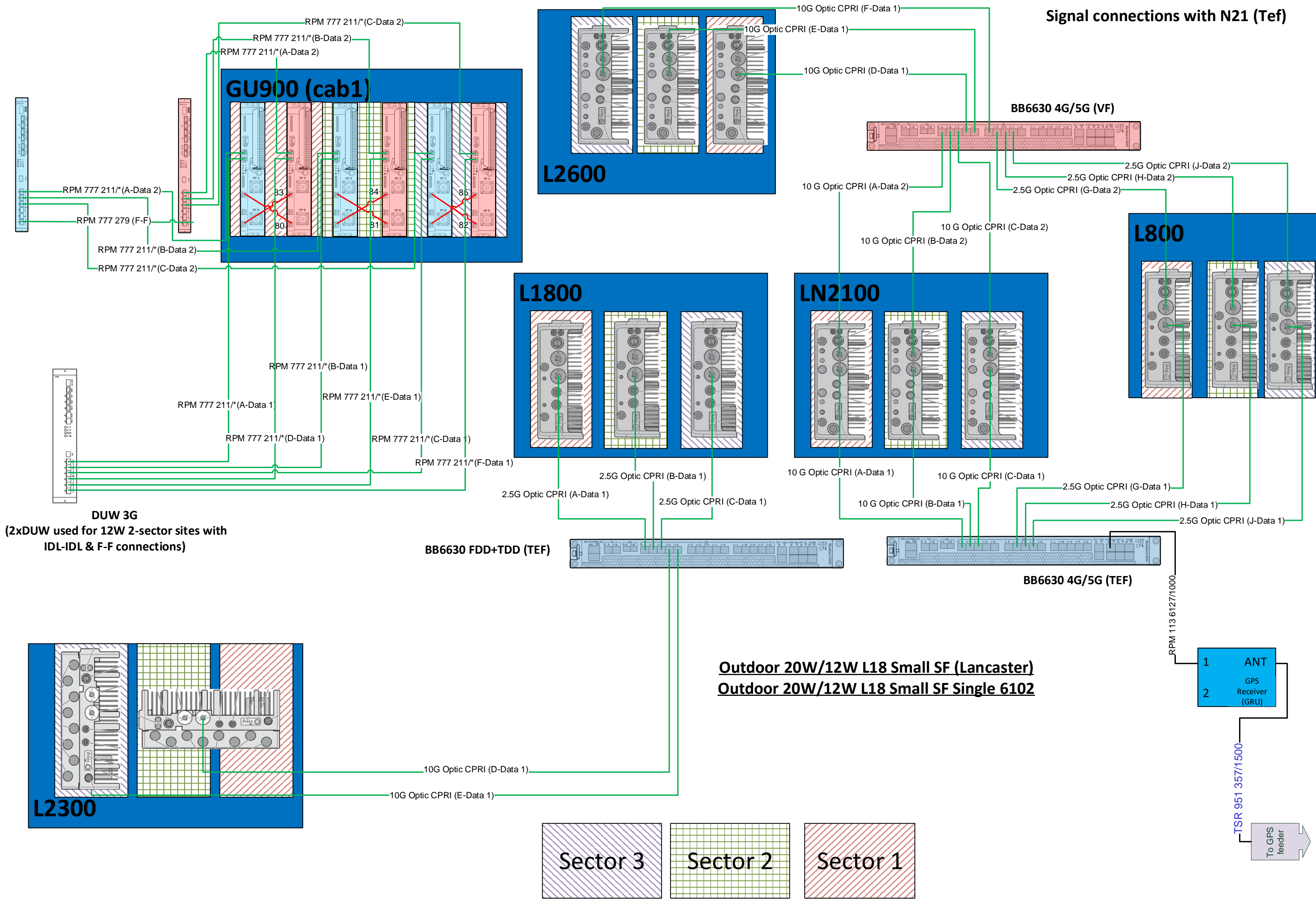
Signals connections with N21 (Tef)



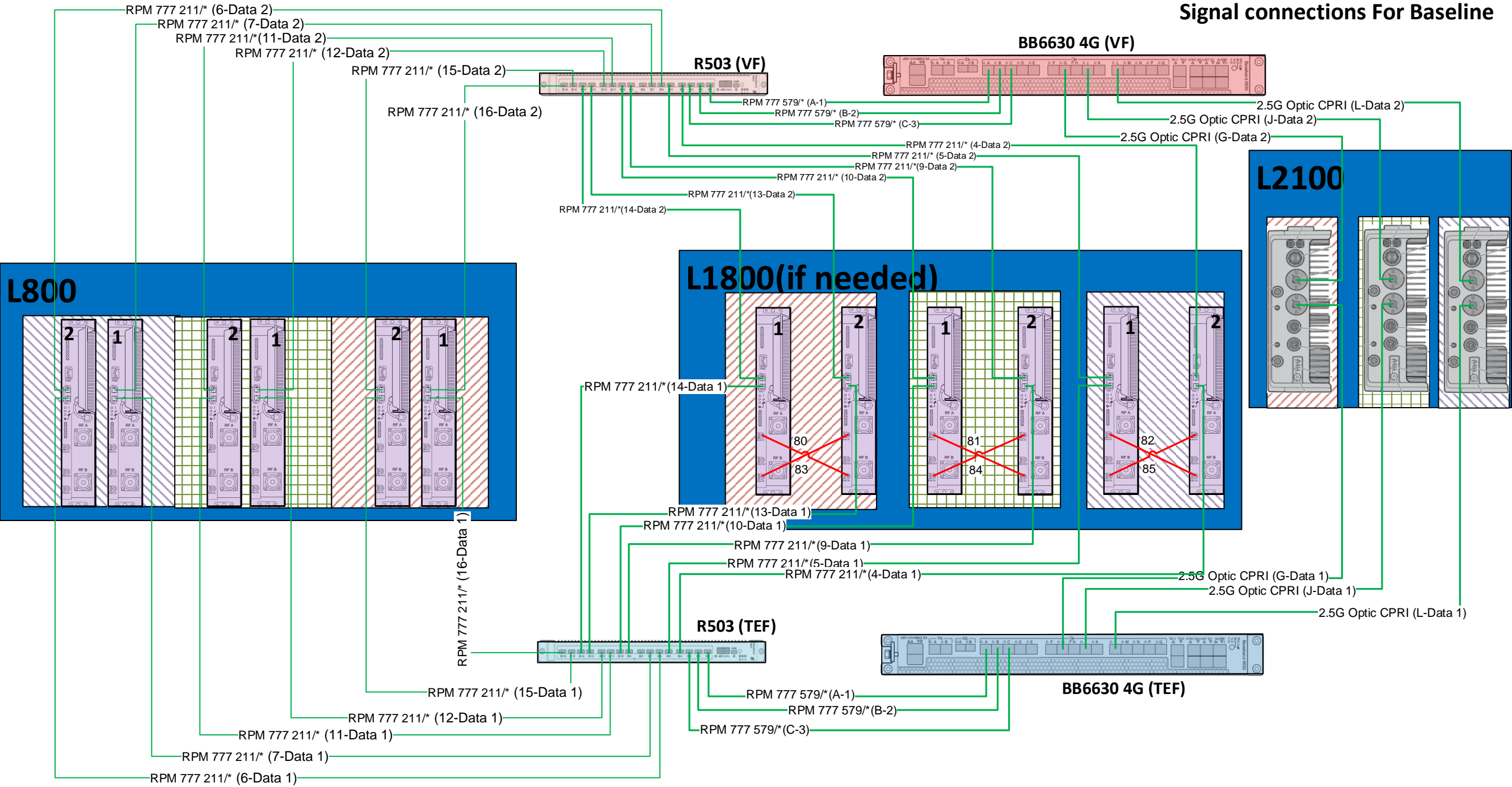
Signal connections For Baseline



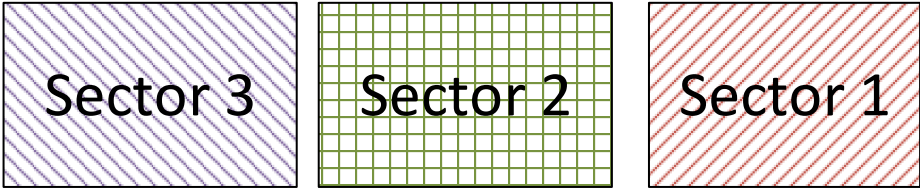
Signal connections with N21 (Tef)



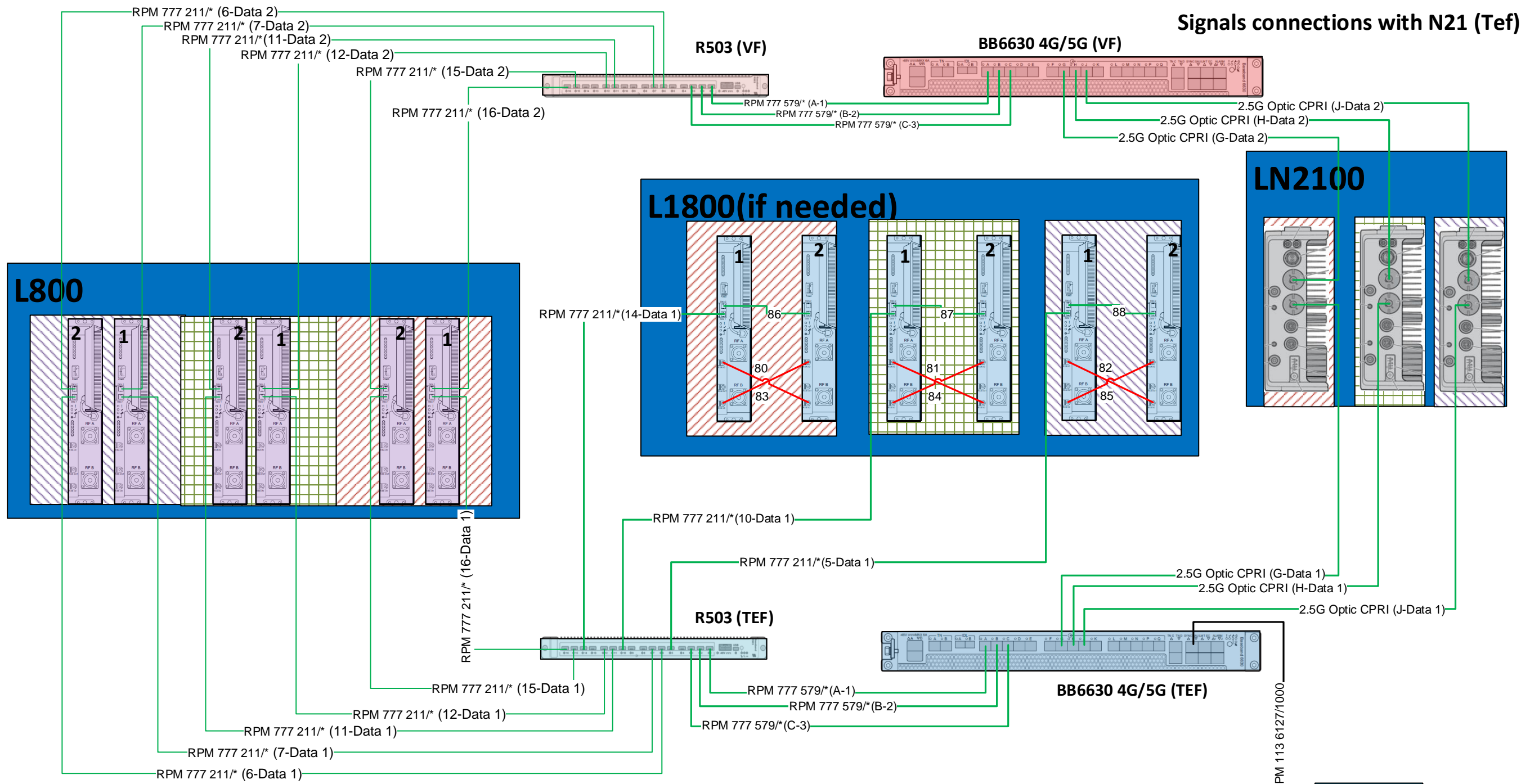
Signal connections For Baseline



Items 80-85 - RPM 777 700/00130 (RXA I/O – RXB I/O)

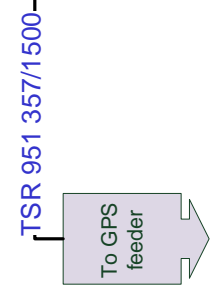
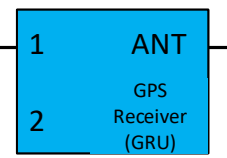
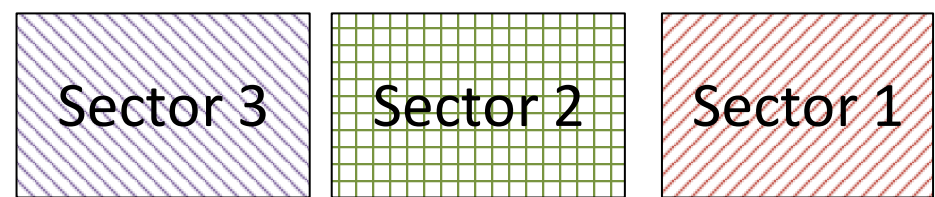


20W Stealth (Indoor or Outdoor)

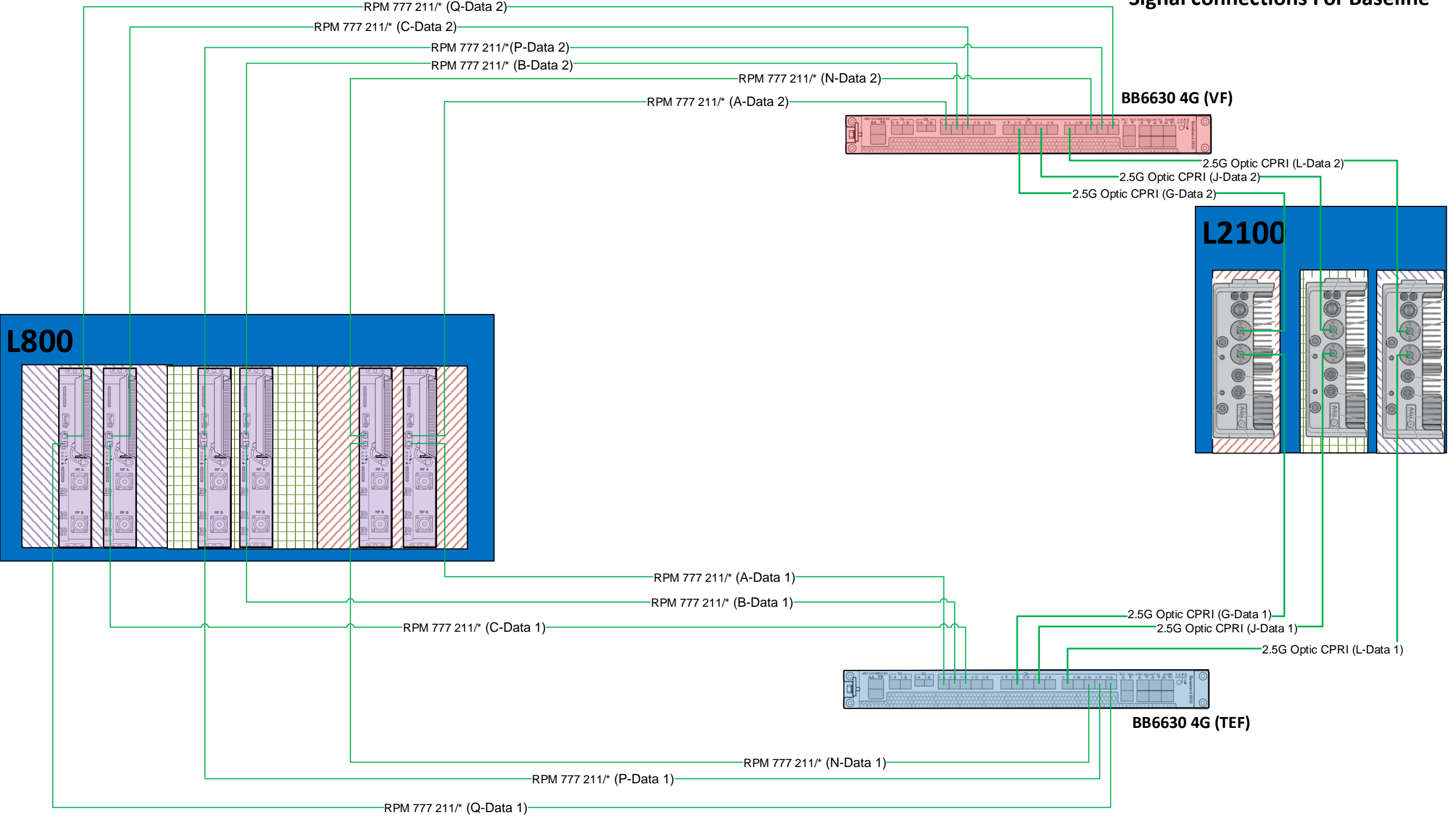


20W Stealth (Indoor or Outdoor)

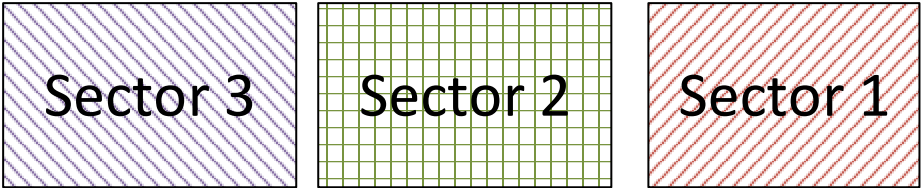
Items 86-88 - RPM 777 274/00650 (Data 2 – Data 1)
Items 80-85 - RPM 777 700/00130 (RXA I/O – RXB I/O)



Signal connections For Baseline

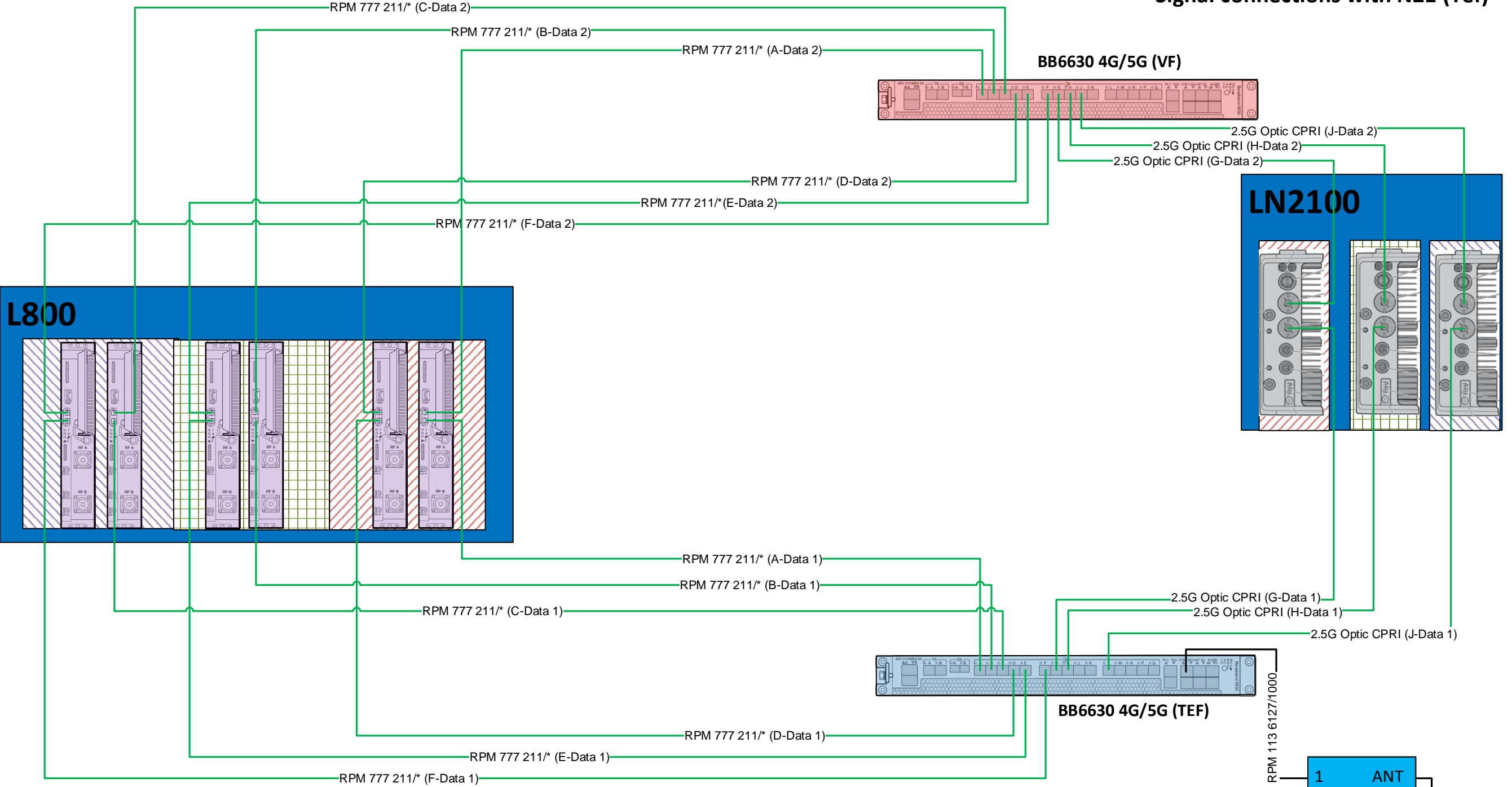


Items 80-85 - RPM 777 700/00130 (RXA I/O – RXB I/O)

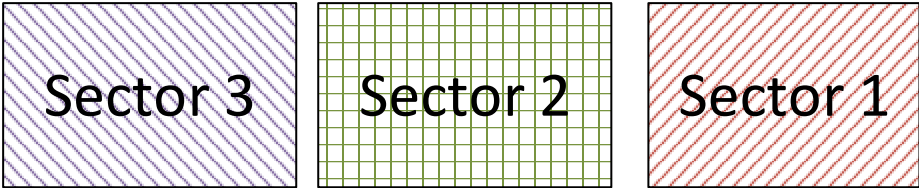


20W Stealth No-L18 (Indoor or Outdoor)

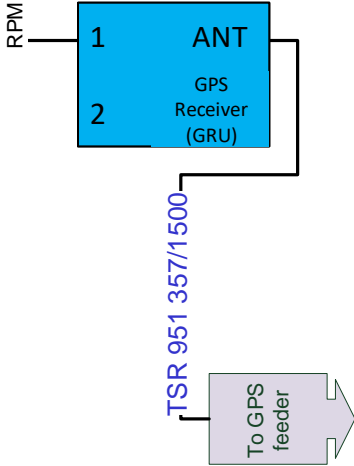
Signal connections with N21 (Tef)



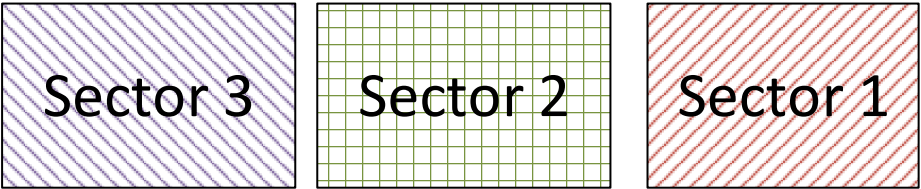
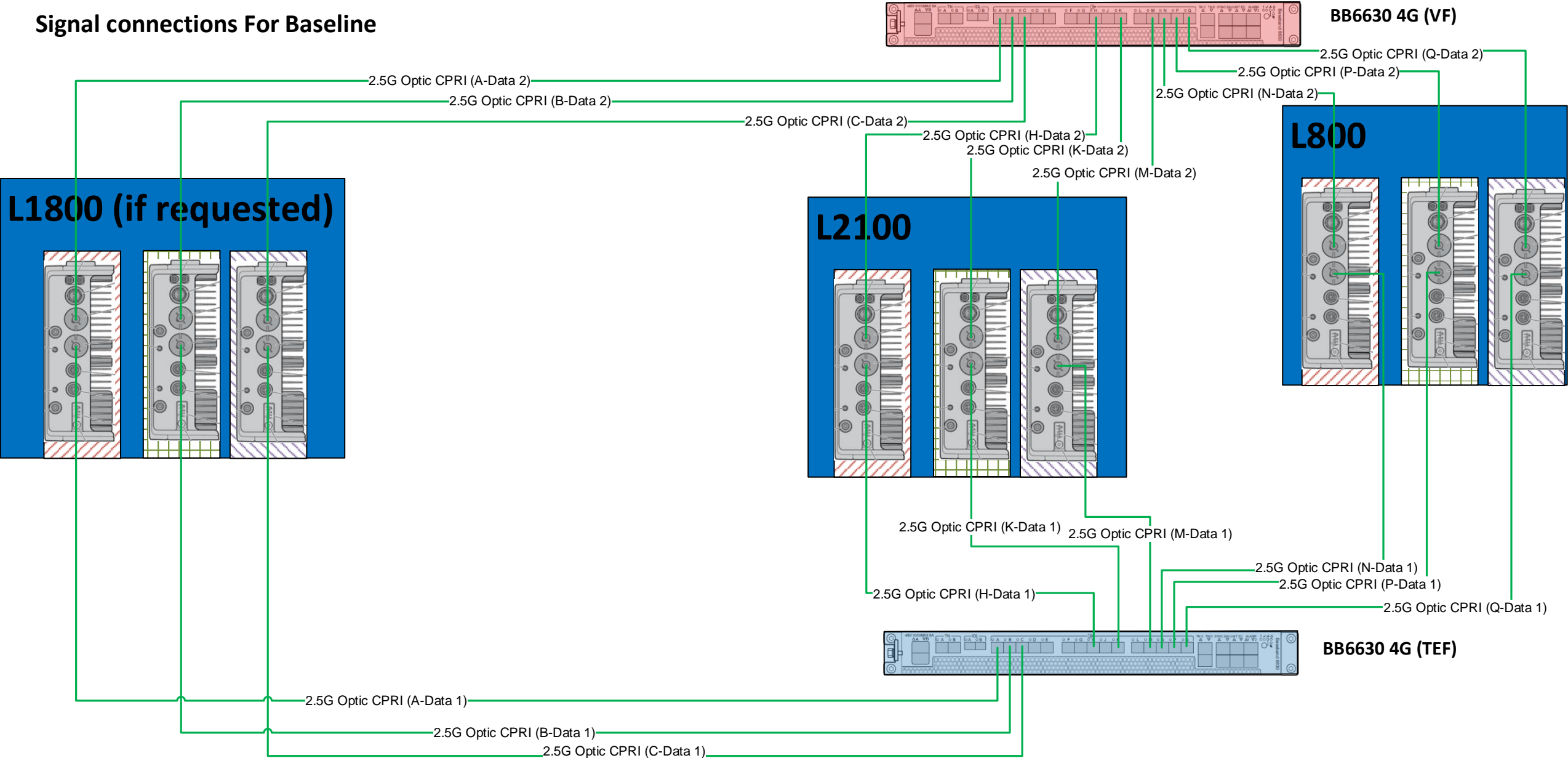
20W Stealth No-L18 (Indoor or Outdoor)



Items 80-85 - RPM 777 700/00130 (RXA I/O – RXB I/O)

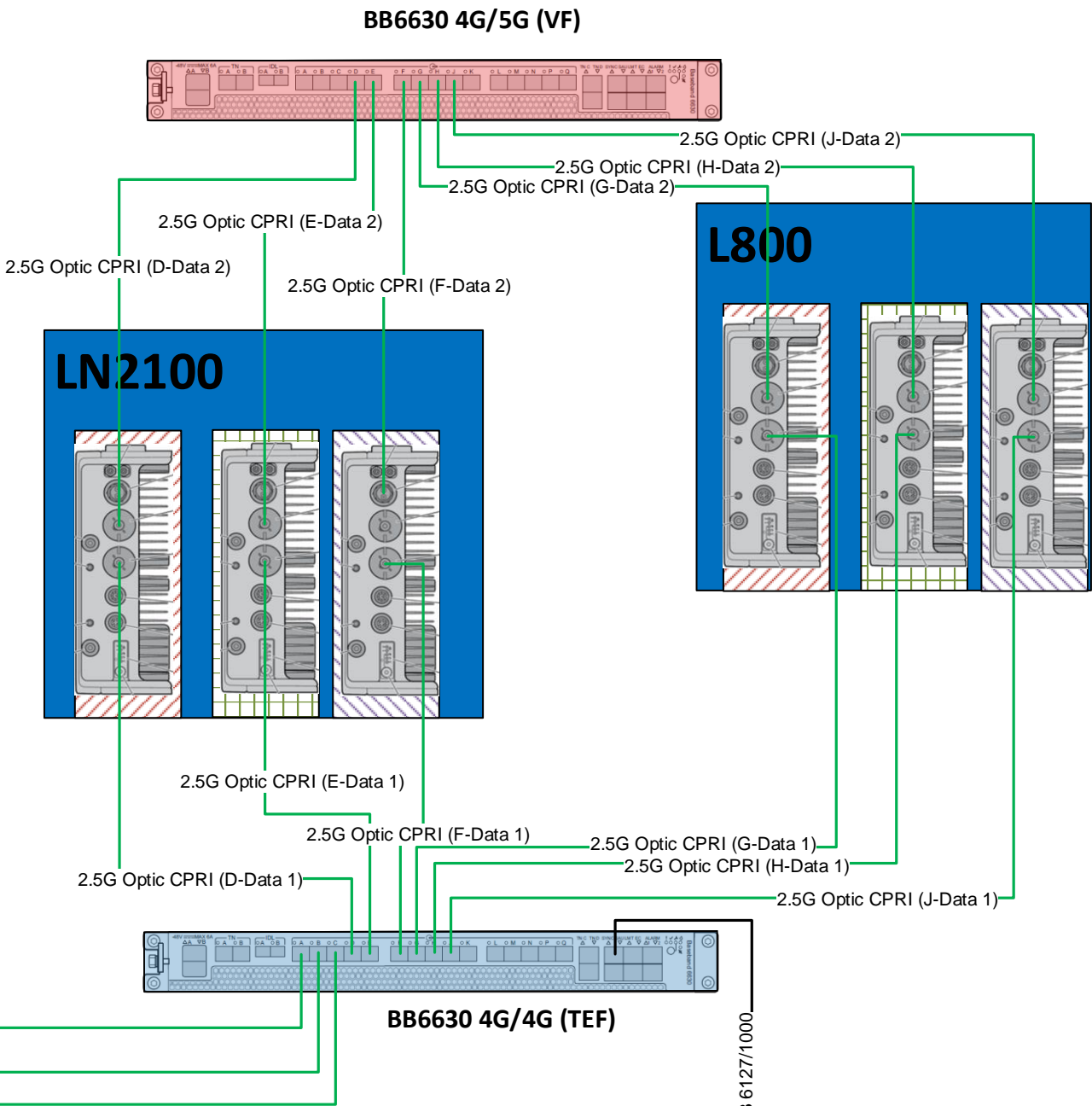
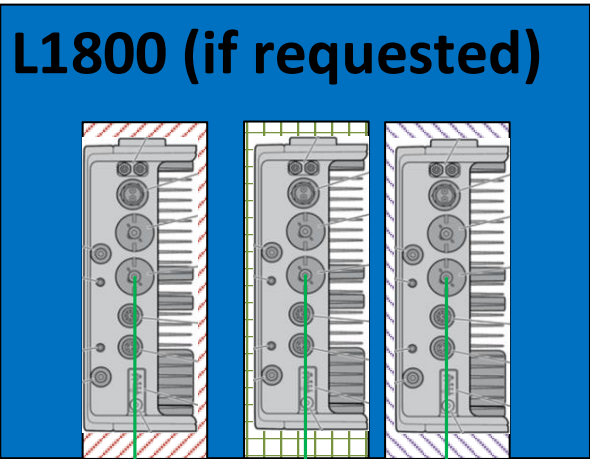


Signal connections For Baseline

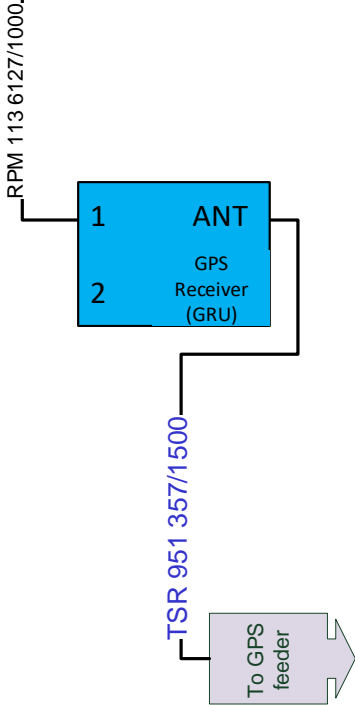
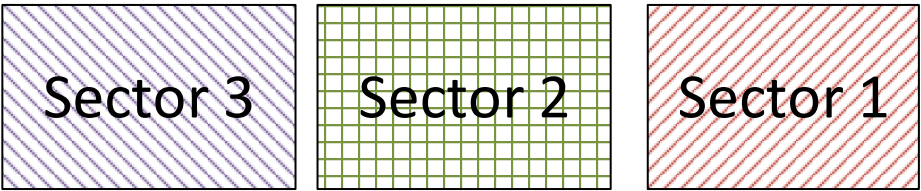


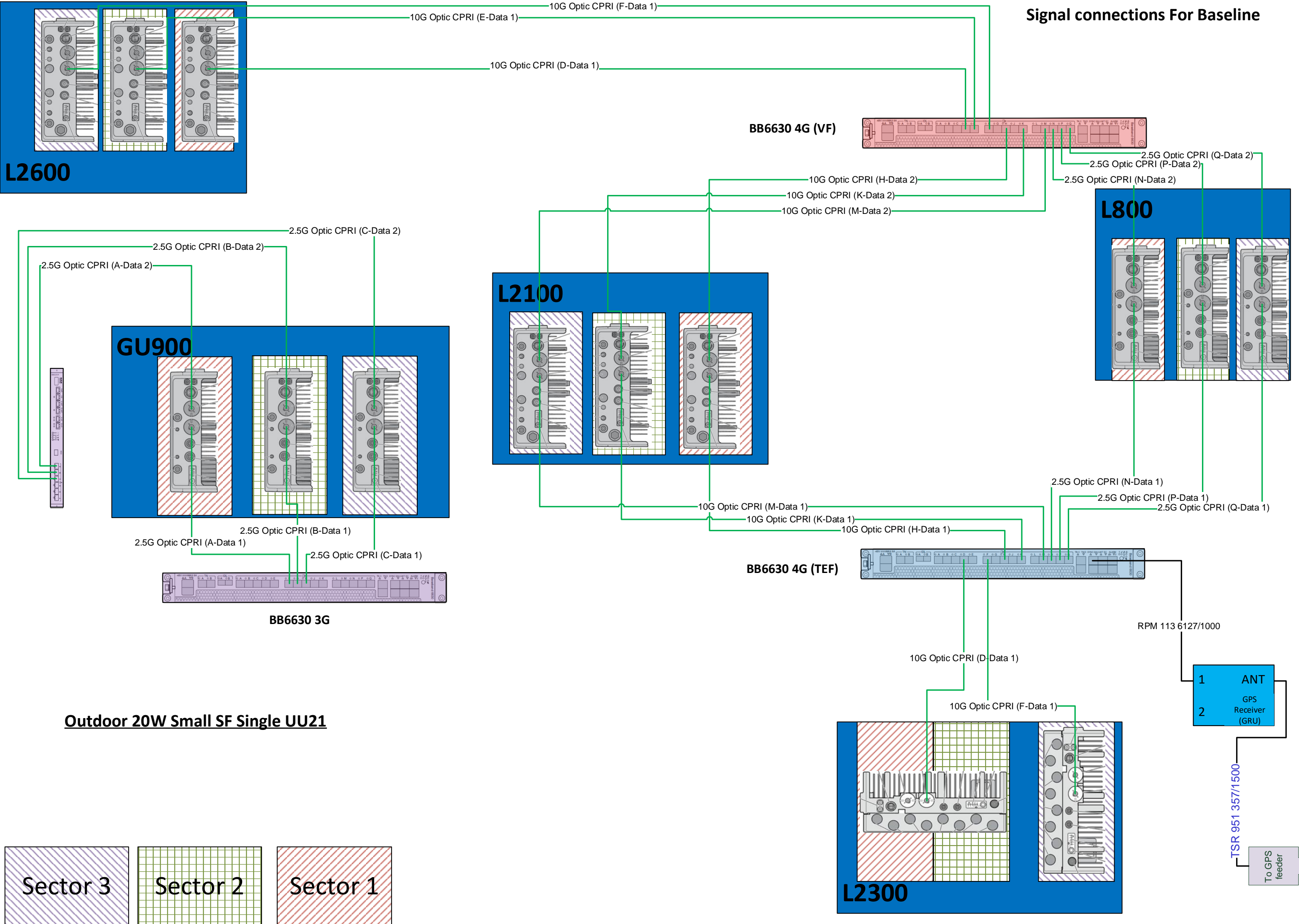
Option 2 – Lancaster
Outdoor 20W Stealth
Outdoor 20W Stealth No-L18

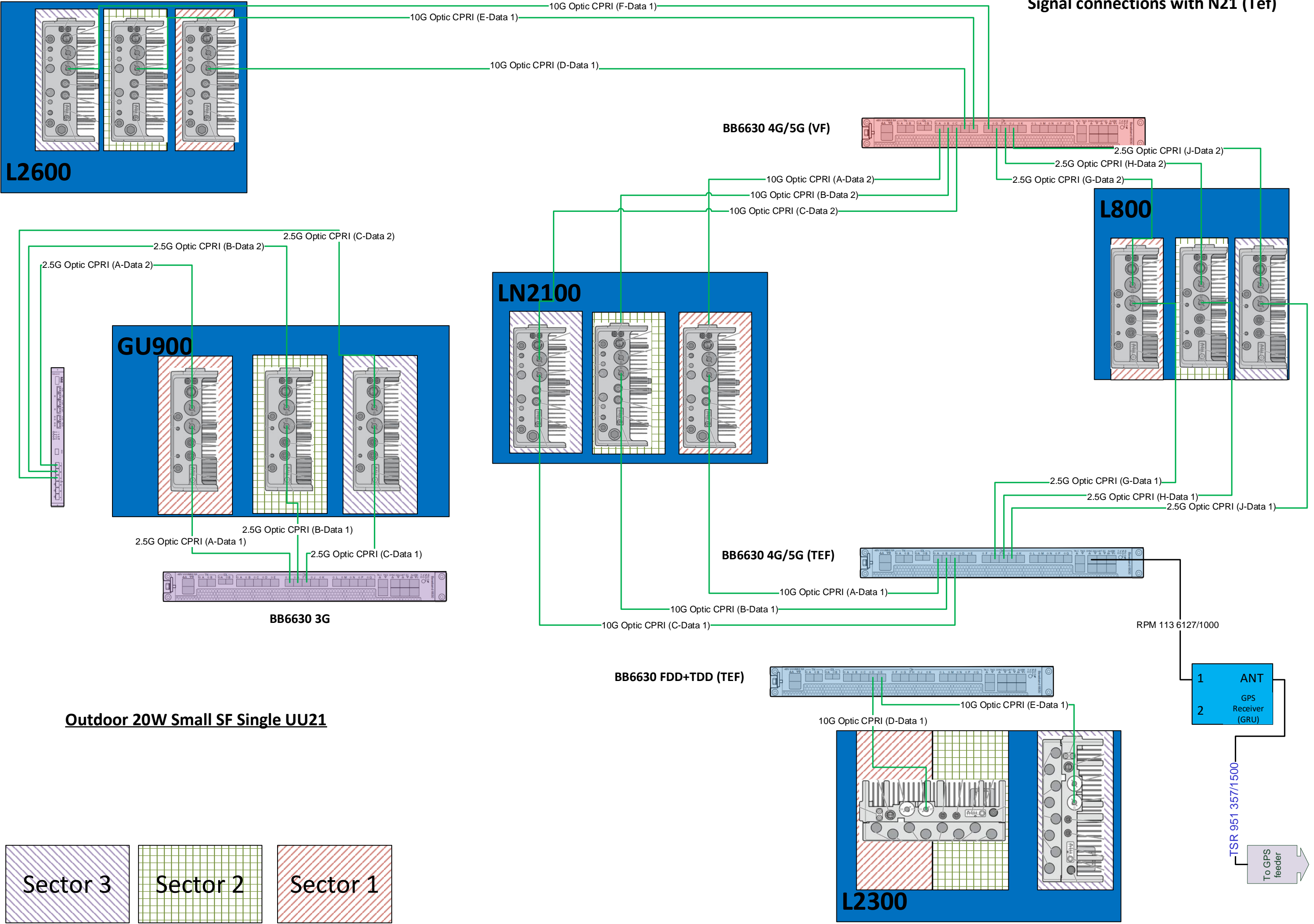
Signal connections with N21 (Tef)



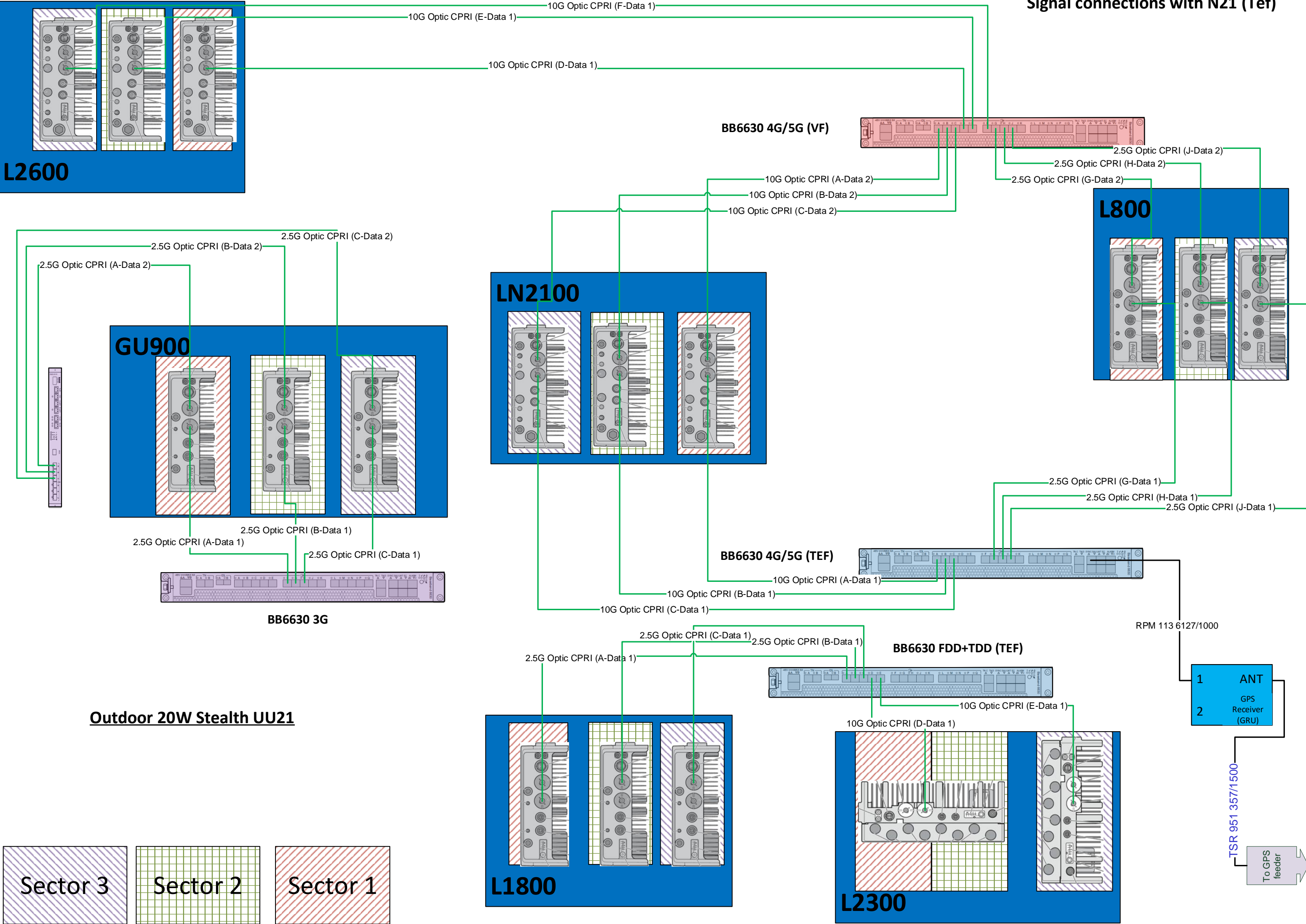
Option 2 – Lancaster
Outdoor 20W Stealth
Outdoor 20W Stealth No-L18



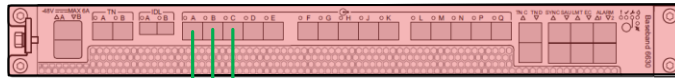




Signal connections with N21 (Tef)



BB6630 4G (VF)

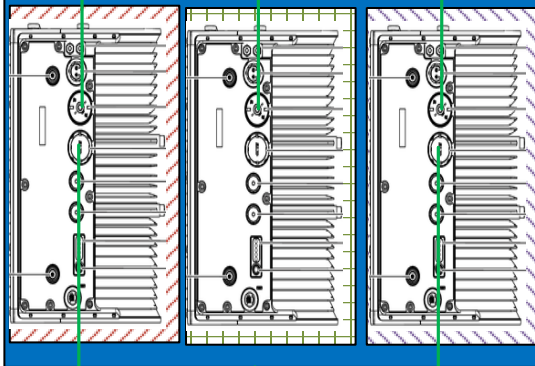


2.5G Optic CPRI (B-Data 2)

2.5G Optic CPRI (A-Data 2)

2.5G Optic CPRI (C-Data 2)

L900/L800



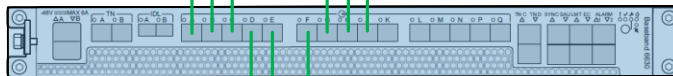
2.5G Optic CPRI (A-Data 1)

2.5G Optic CPRI (B-Data 1)

2.5G Optic CPRI (C-Data 1)

RPM 777 211/*(G-Data 1)

BB6630 4G (TEF)

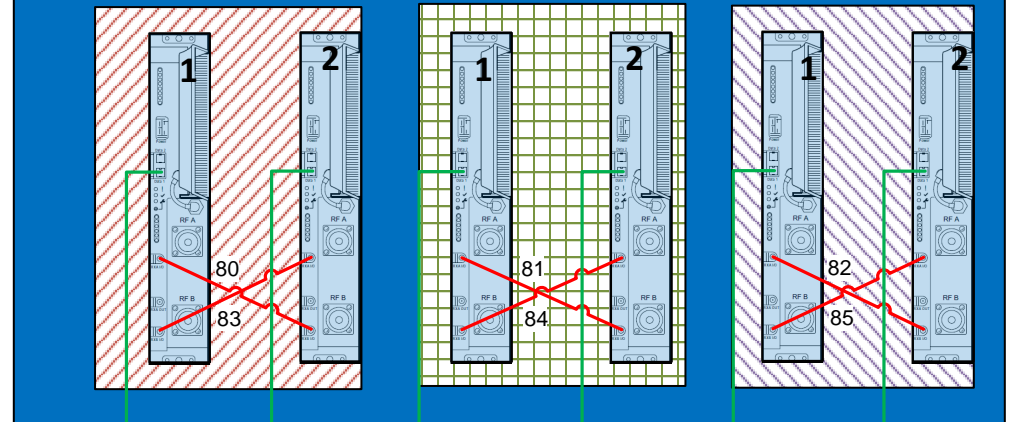


RPM 777 211/*(F-Data 1)

RPM 777 211/*(E-Data 1)

RPM 777 211/*(D-Data 1)

L1800(Low L18 only)



RPM 777 211/*(H-Data 1)

RPM 777 211/*(J-Data 1)

Indoor or Outdoor:

20W Low

20W Low L18

20W Low UNLR

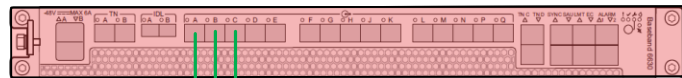
20W Low Non-RRU 20W BB to 20W Low ULNR

Sector 3

Sector 2

Sector 1

BB6630 4G (VF)

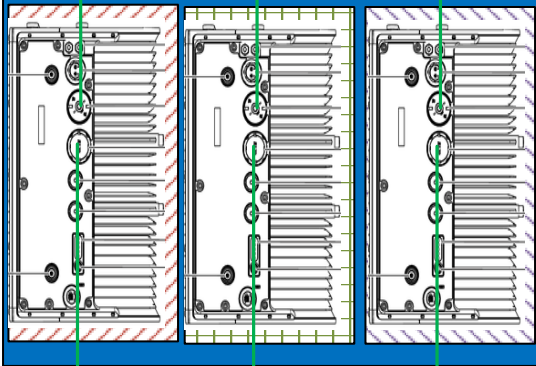


2.5G Optic CPRI (B-Data 2)

2.5G Optic CPRI (A-Data 2)

2.5G Optic CPRI (C-Data 2)

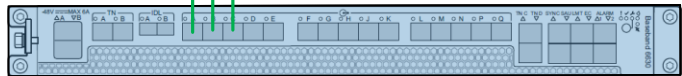
L900/L800



2.5G Optic CPRI (A-Data 1)

2.5G Optic CPRI (B-Data 1)

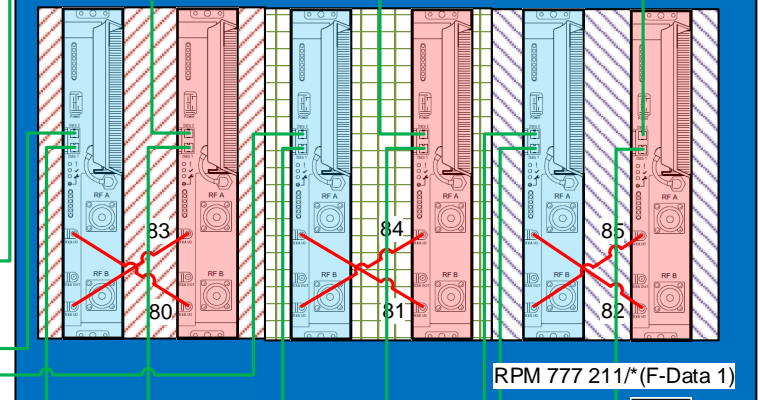
2.5G Optic CPRI (C-Data 1)



BB6630 4G (TEF)

12W Low (Indoor or Outdoor)

GU900



RPM 777 211/* (F-Data 1)

RPM 777 211/* (C-Data 1)

RPM 777 211/* (B-Data 1)

RPM 777 211/* (D-Data 1)

RPM 777 211/* (E-Data 1)

RPM 777 211/* (A-Data 1)

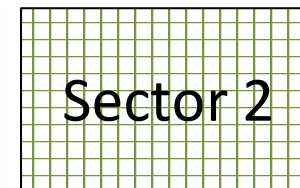
DUW 3G

(2xDUW used for 2-sector sites with IDL-IDL & F-F connections)

Items 80-85 - RPM 777 700/00130 (RXA I/O – RXB I/O)



Sector 3

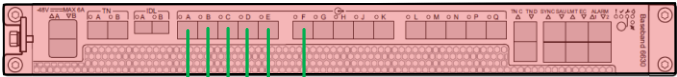


Sector 2



Sector 1

BB6630 4G (VF)



RPM 777 211/* (A-Data 2)

RPM 777 211/* (B-Data 2)

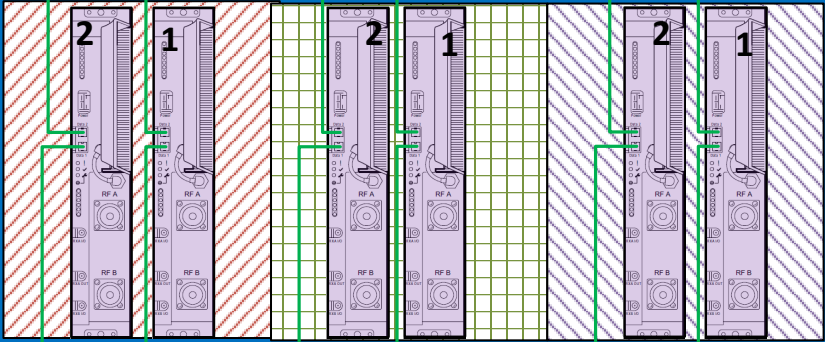
RPM 777 211/* (C-Data 2)

RPM 777 211/* (D-Data 2)

RPM 777 211/* (E-Data 2)

RPM 777 211/* (F-Data 2)

L800



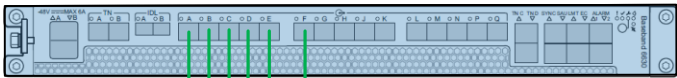
20W Low Non-RRU BB (Indoor or Outdoor)

Sector 3

Sector 2

Sector 1

BB6630 4G (TEF)



RPM 777 211/* (A-Data 1)

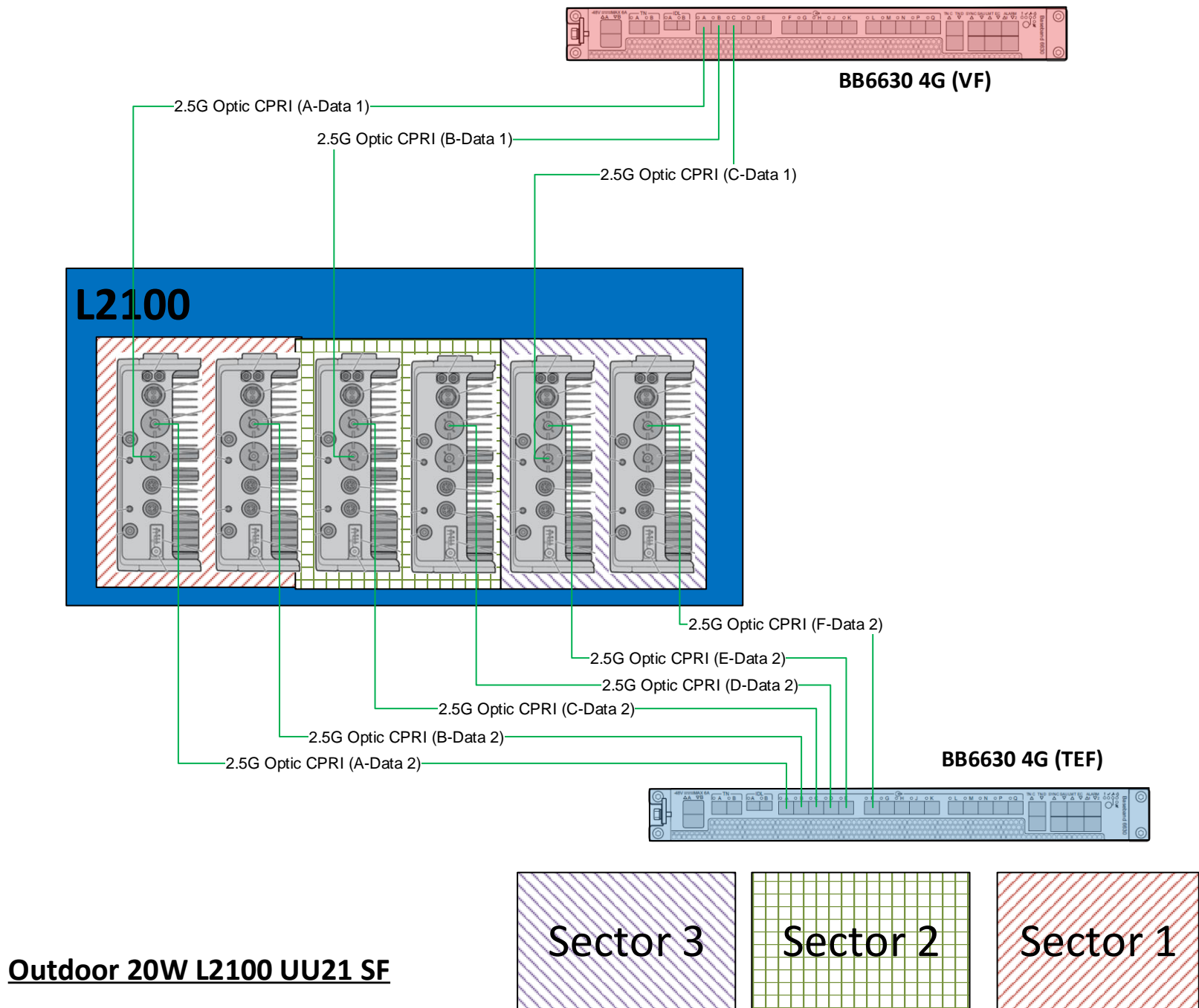
RPM 777 211/* (B-Data 1)

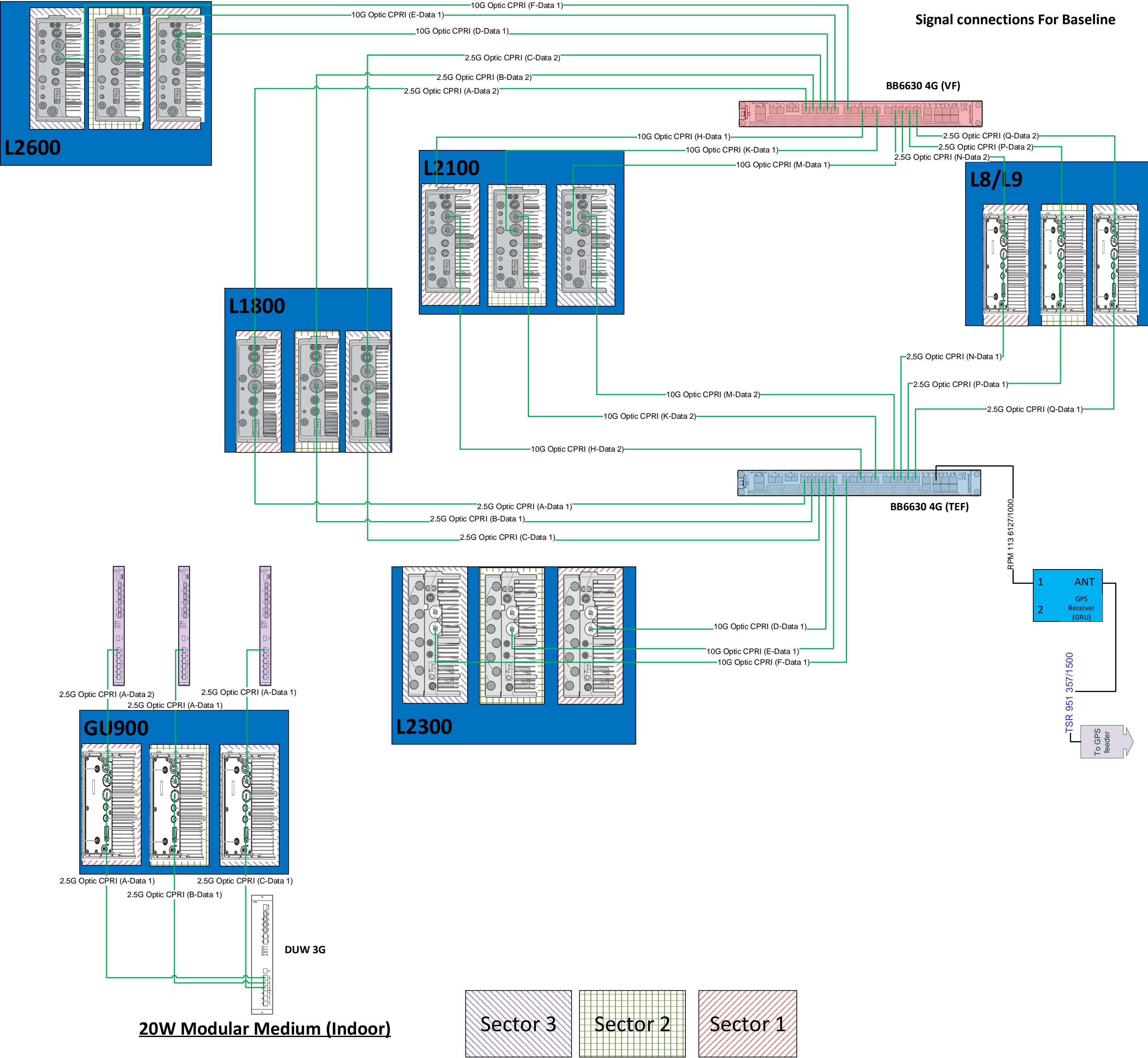
RPM 777 211/* (C-Data 1)

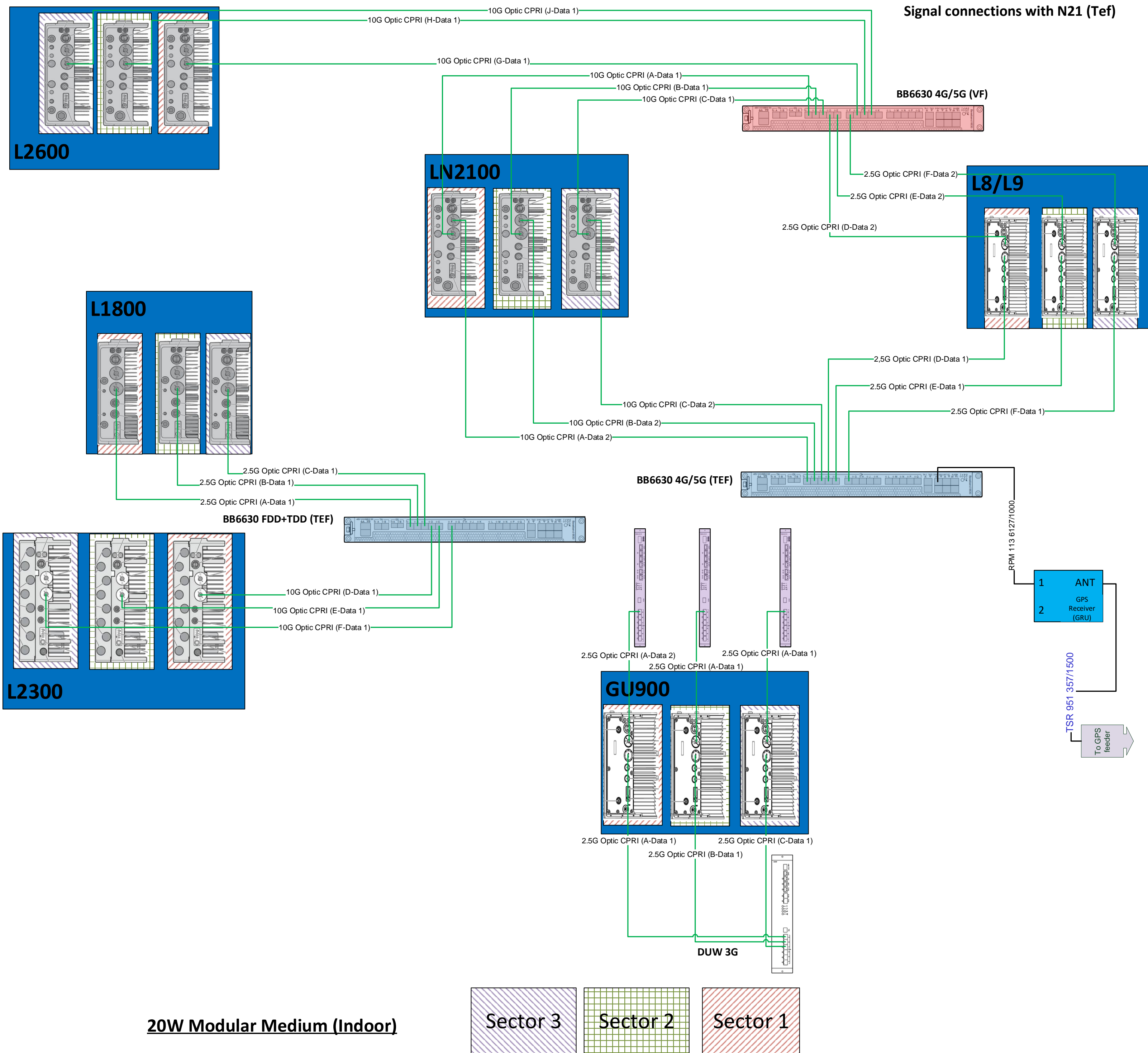
RPM 777 211/* (D-Data 1)

RPM 777 211/* (E-Data 1)

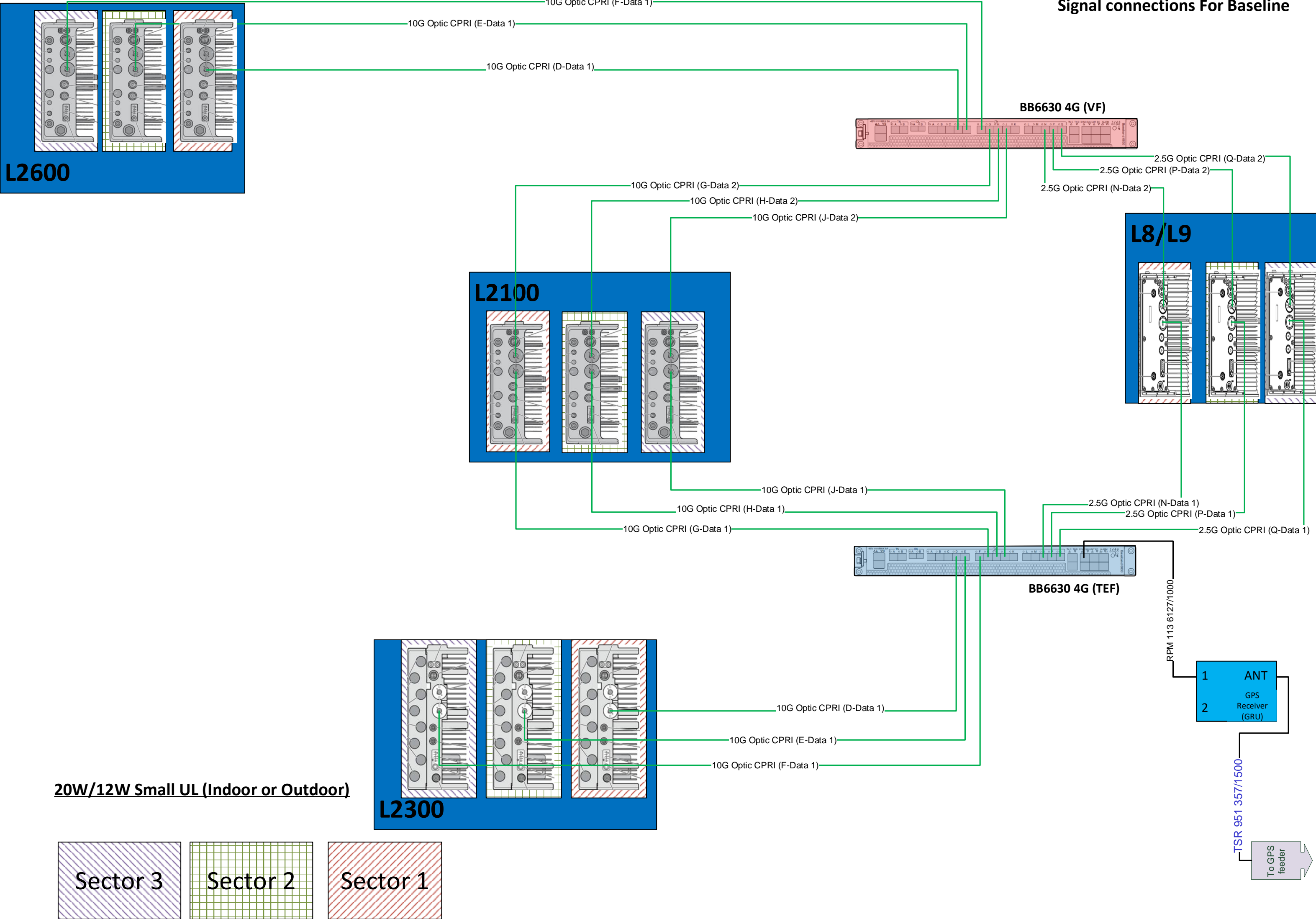
RPM 777 211/* (F-Data 1)

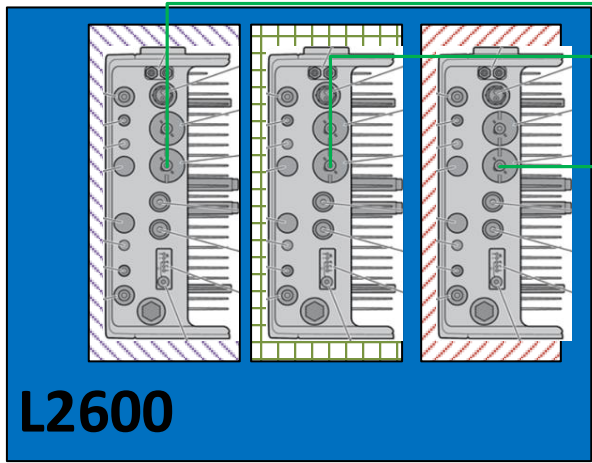




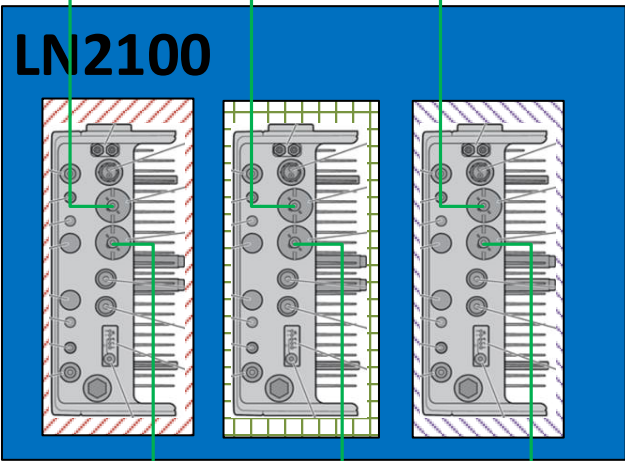


Signal connections For Baseline

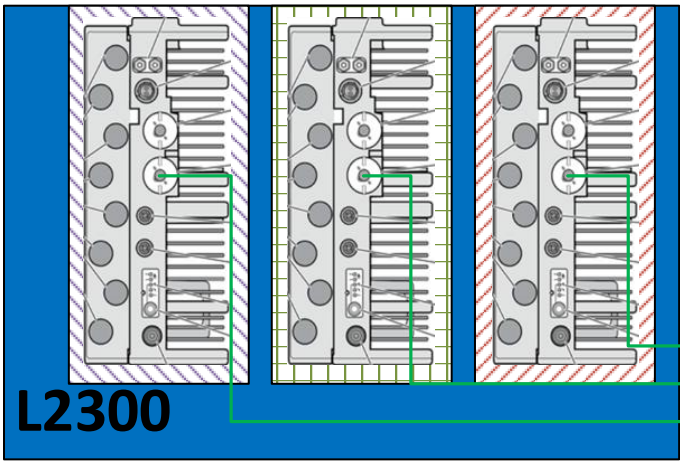




L2600



LN2100



L2300

10G Optic CPRI (F-Data 1)

10G Optic CPRI (E-Data 1)

10G Optic CPRI (D-Data 1)

10G Optic CPRI (A-Data 2)

10G Optic CPRI (B-Data 2)

10G Optic CPRI (C-Data 2)

BB6630 FDD+TDD (TEF)

10G Optic CPRI (A-Data 1)

10G Optic CPRI (B-Data 1)

10G Optic CPRI (C-Data 1)

10G Optic CPRI (D-Data 1)

10G Optic CPRI (E-Data 1)

10G Optic CPRI (F-Data 1)

Sector 3

Sector 2

Sector 1

Signal connections with N21 & N7 (Tef only)

BB6630 4G/5G (VF)

L8/L9

N700

2.5G Optic CPRI (E-Data 1)

2.5G Optic CPRI (F-Data 1)

2.5G Optic CPRI (D-Data 1)

2.5G Optic CPRI (G-Data 1)

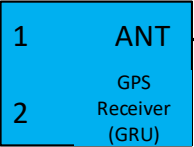
2.5G Optic CPRI (H-Data 1)

2.5G Optic CPRI (J-Data 1)

BB6630 4G/5G (TEF)

20W/12W Small UL (Indoor or Outdoor)

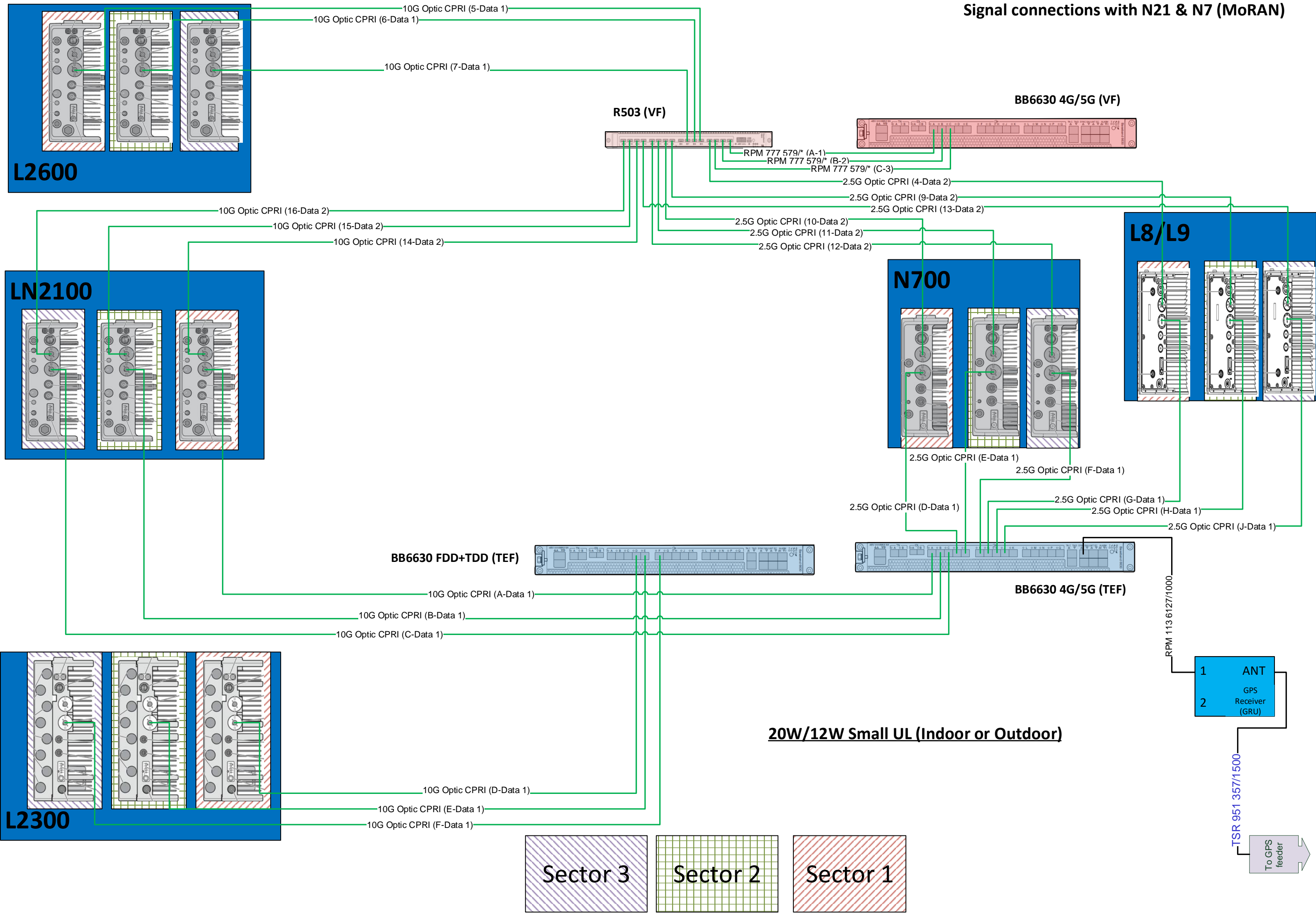
RPM 113 6127/1000



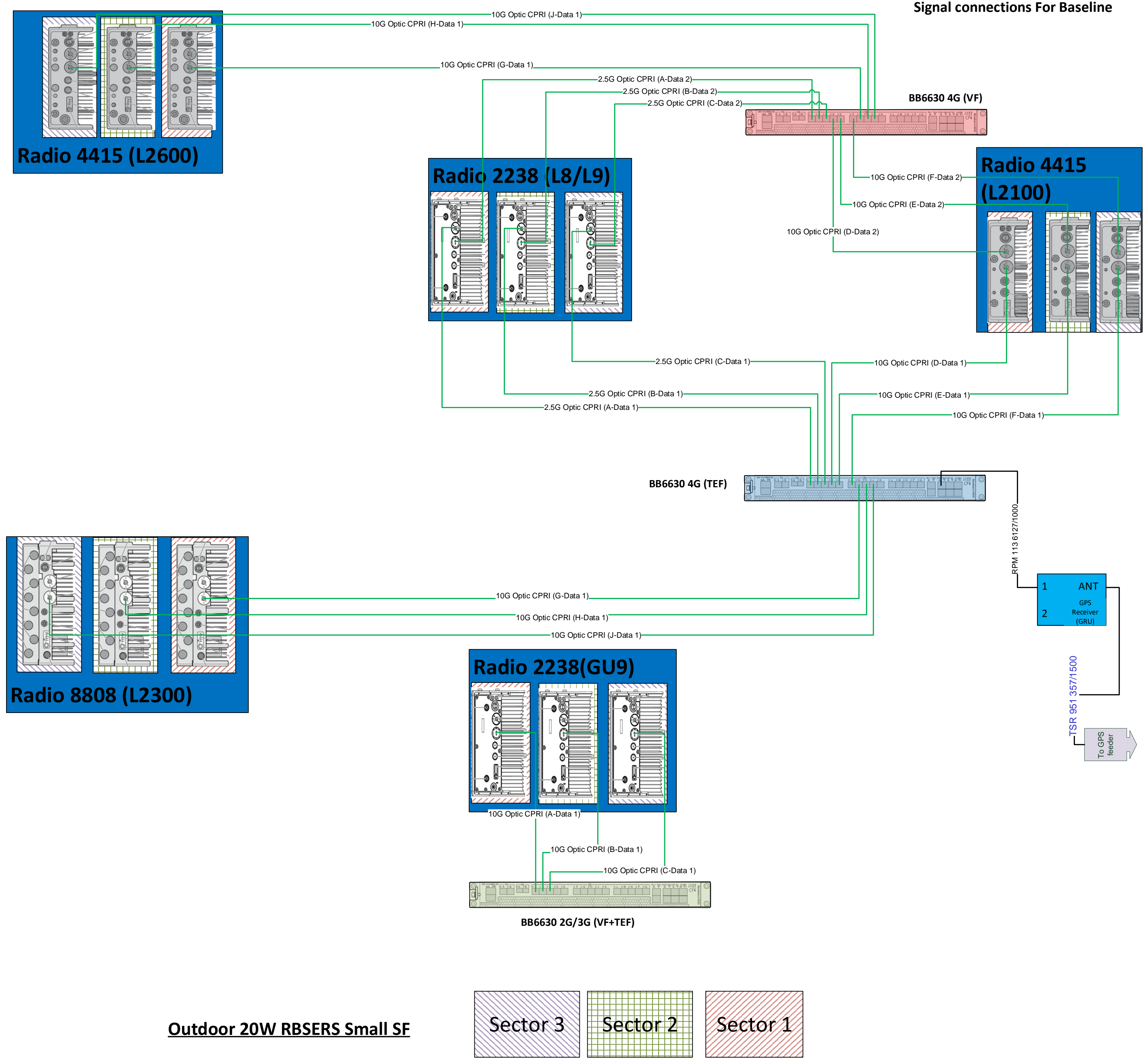
TSR 951 357/1500

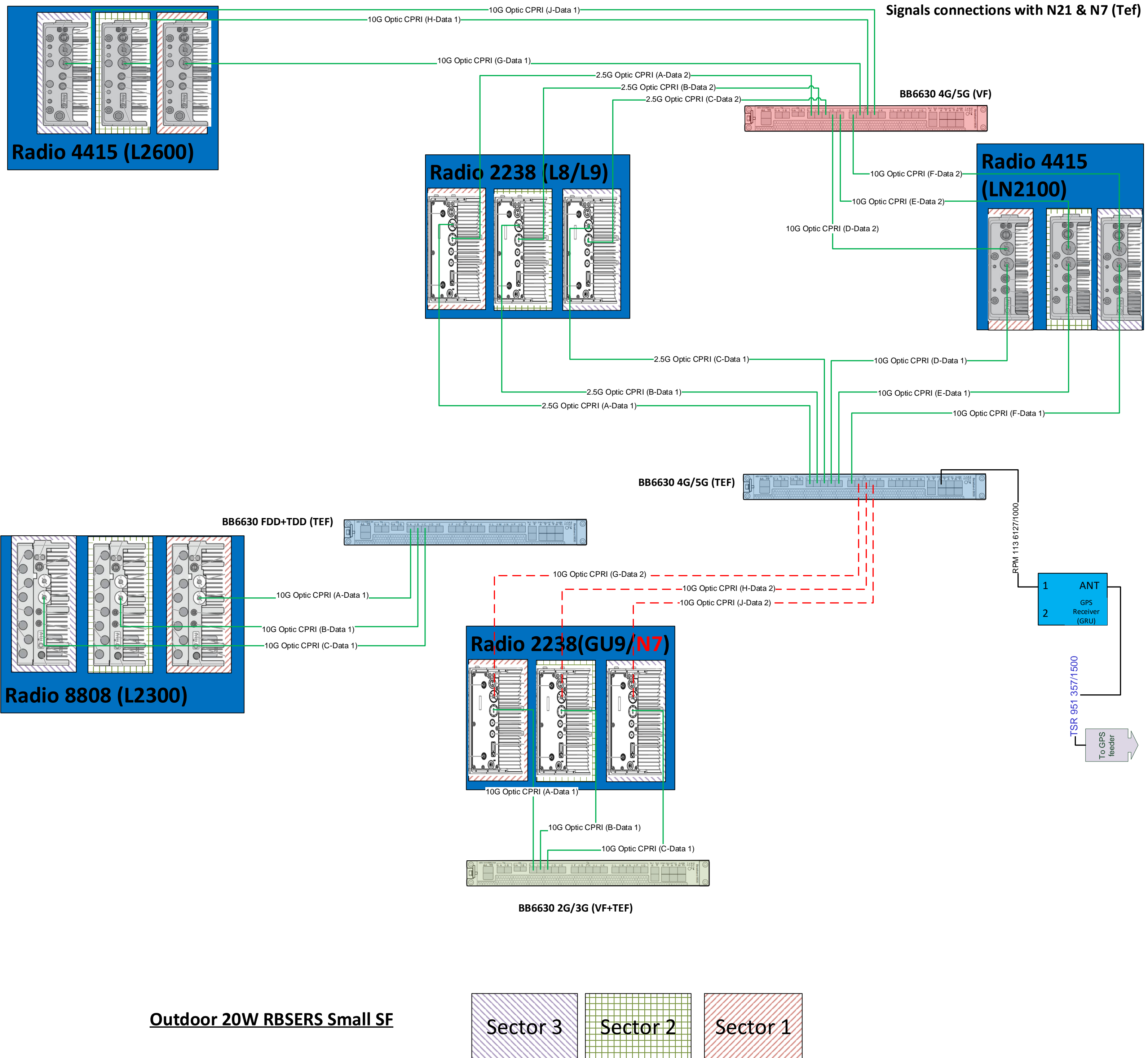
To GPS feeder

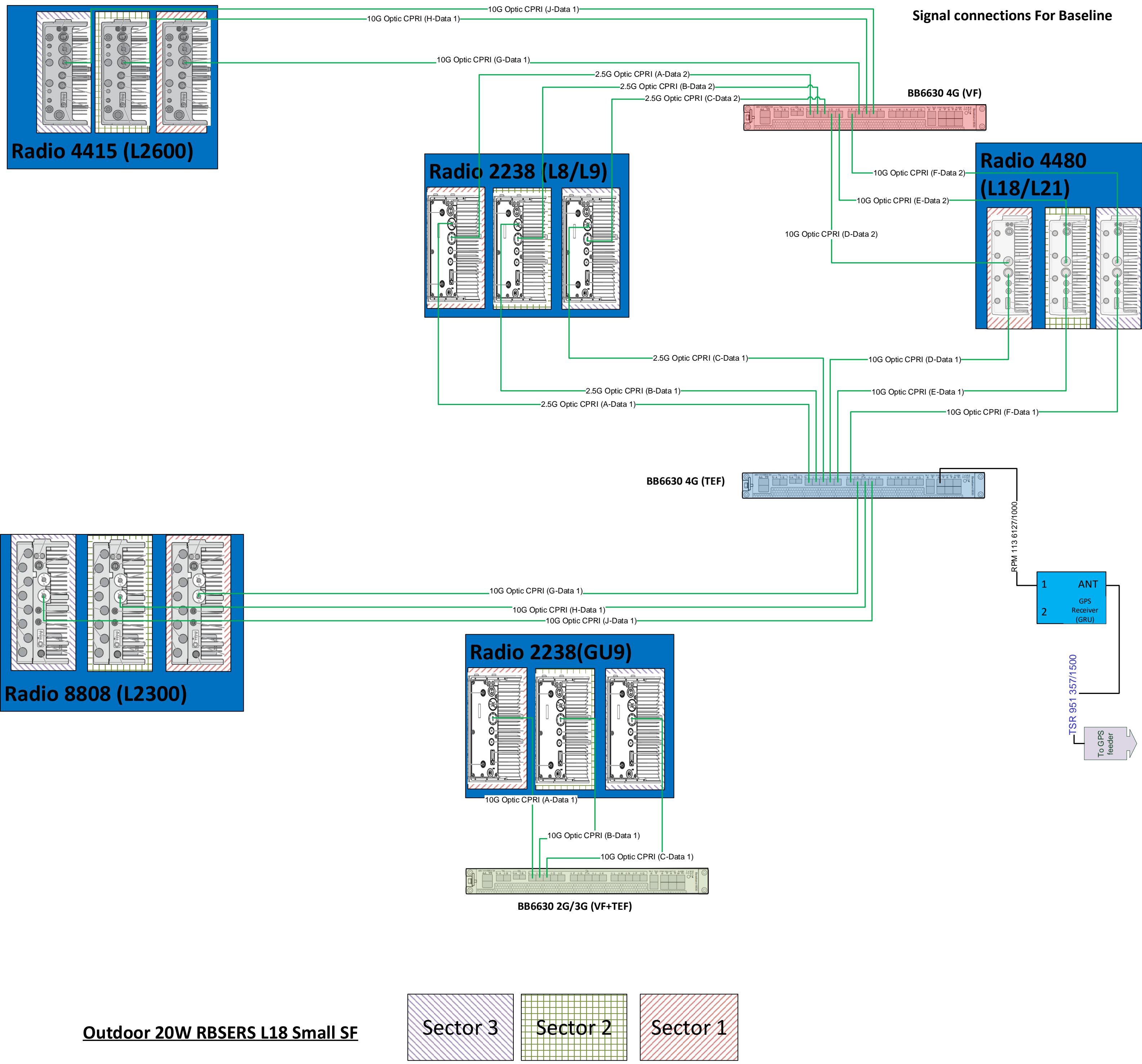
Signal connections with N21 & N7 (MoRAN)

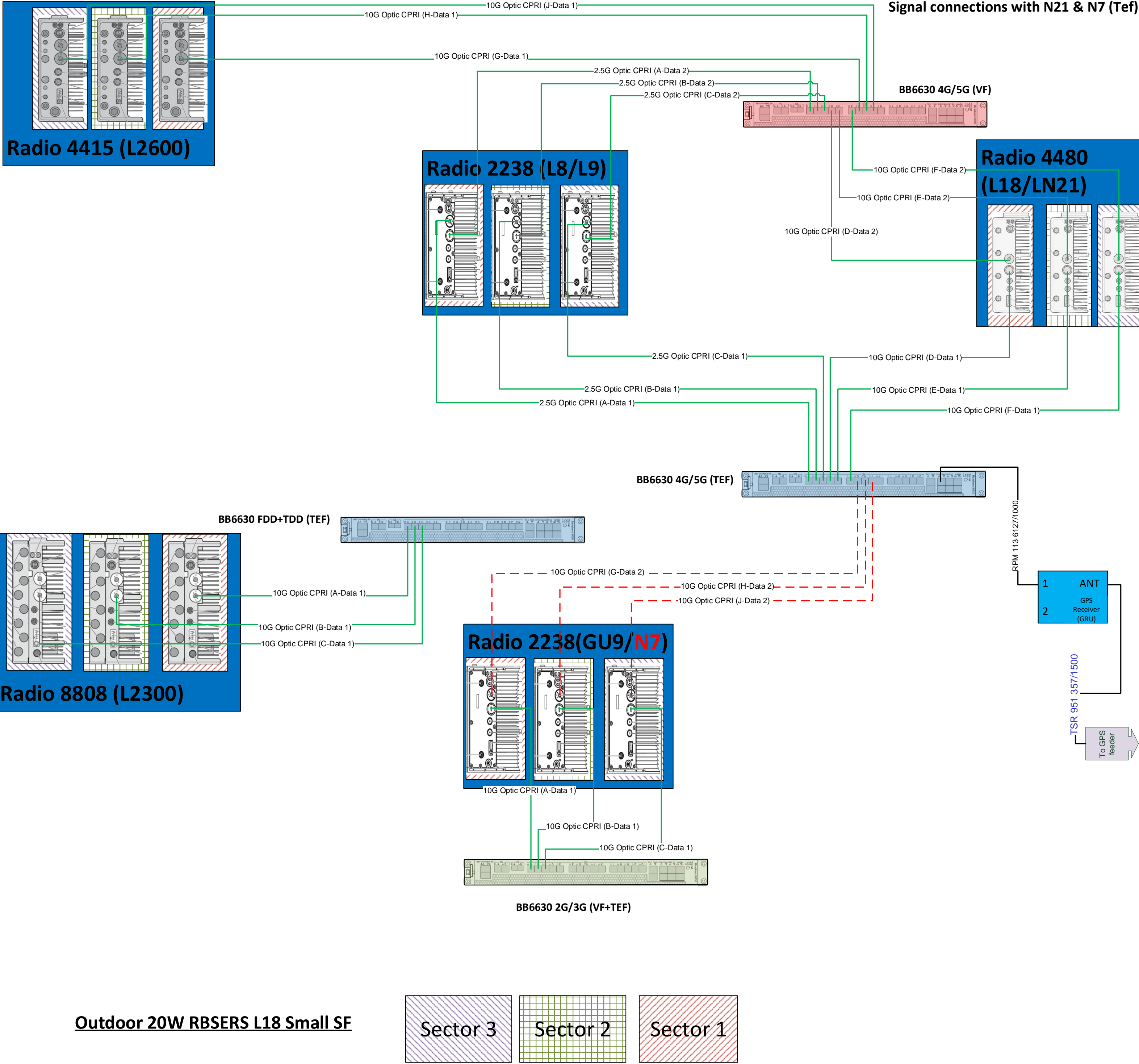


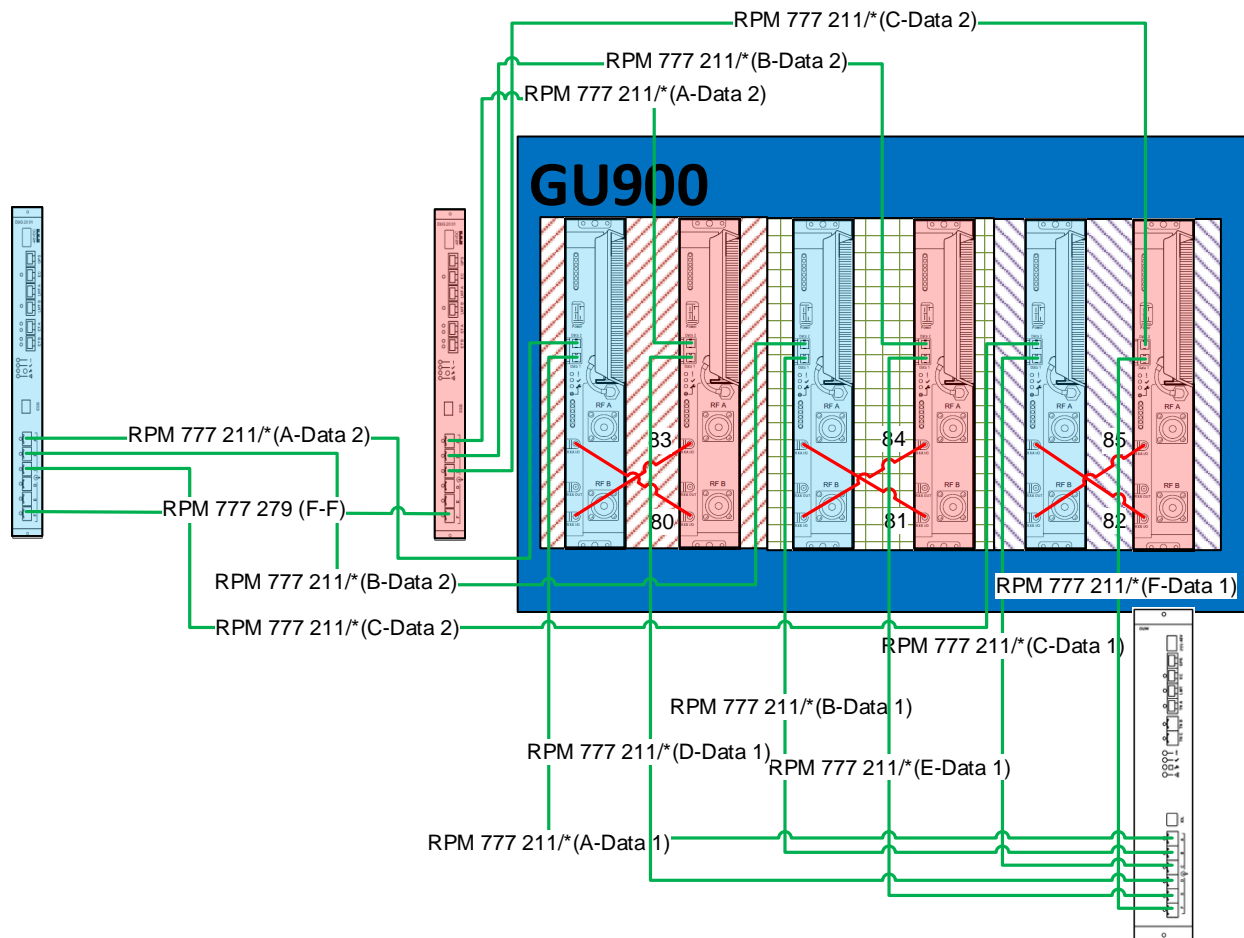
Signal connections For Baseline





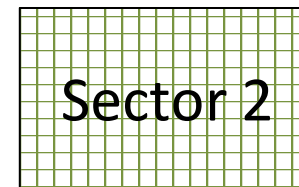


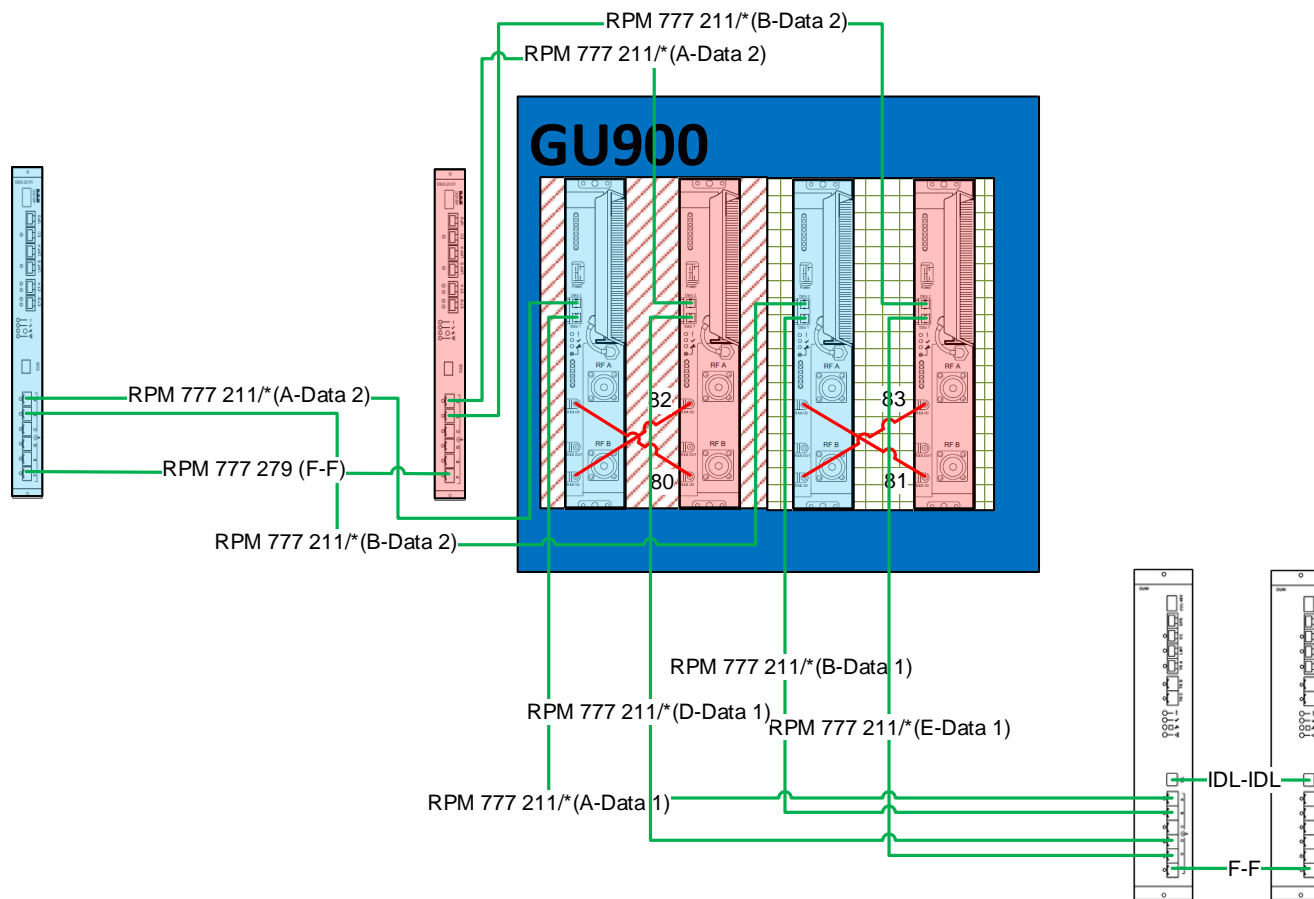




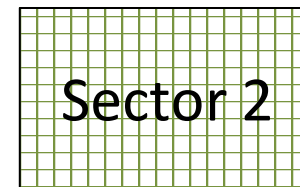
Signal connections for GU900 12W/20W (3-sector)

Items 80-85 - RPM 777 700/00130 (RXA I/O – RXB I/O)

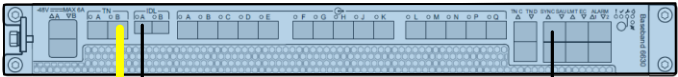




Signal connections for GU900 12W (2-sector)
 Items 80-83 - RPM 777 700/00130 (RXA I/O – RXB I/O)



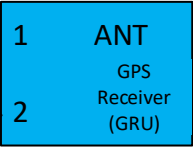
BB6630 4G (TEF)



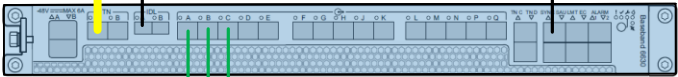
10G Optic (TN B- TN A)
(IDL A- IDL A)

RPM 113 6127/1000(1-SYNC)

RPM 113 6127/1000(2-SYNC)



BB6630 5G (TEF)

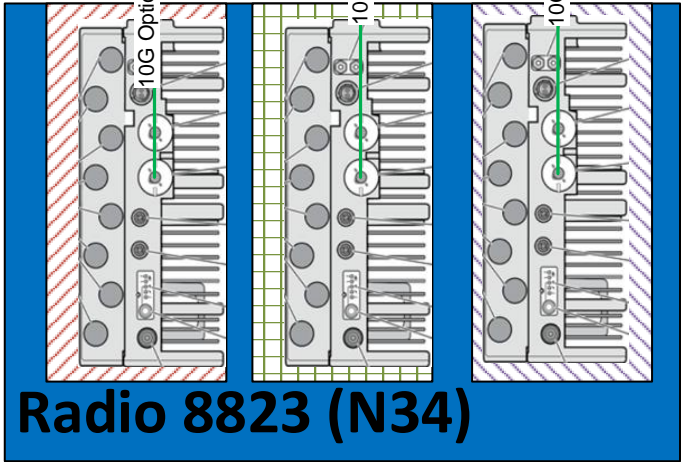


10G Optic CPRI (A-Data 1)

10G Optic CPRI (B-Data 1)

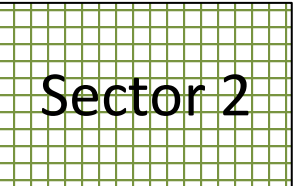
10G Optic CPRI (C-Data 1)

TSR 951 357/1500

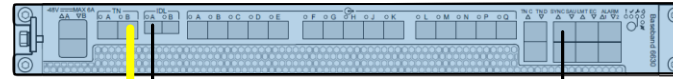


Radio 8823 (N34)

Signal connections for 5G 8x8 (TEF)



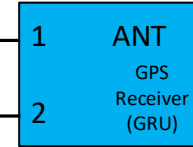
BB6630 4G (TEF)



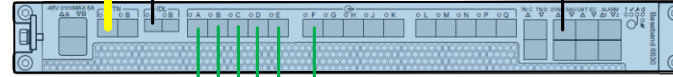
10G Optic (TN B- TN A)
(IDL A- IDL A)

RPM 113 6127/1000(1-SYNC)

RPM 113 6127/1000(2-SYNC)



BB6630 5G (TEF)



10G Optic CPRI (A-eCPRI 1)

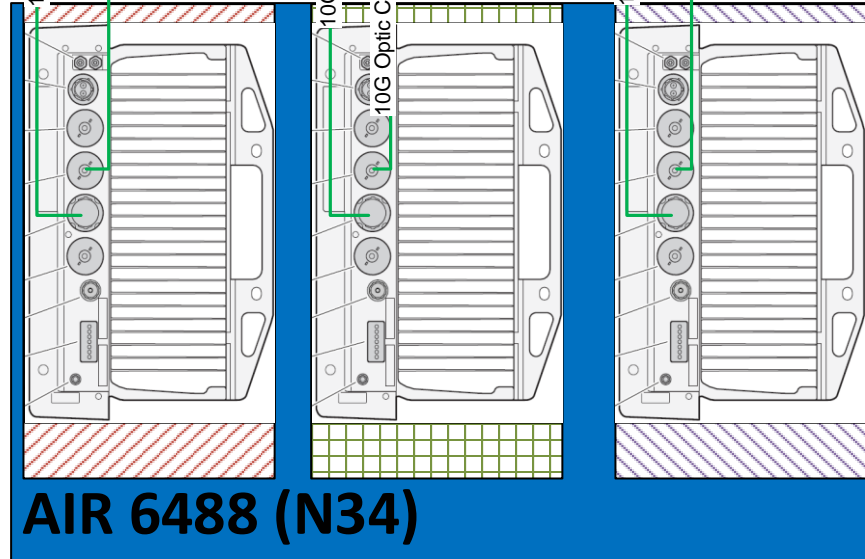
10G Optic CPRI (D-eCPRI 2)

10G Optic CPRI (B-eCPRI 1)

10G Optic CPRI (E-eCPRI 2)

10G Optic CPRI (C-eCPRI 1)

10G Optic CPRI (F-eCPRI 2)

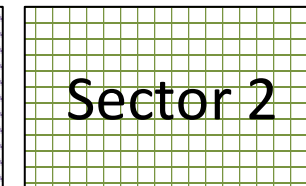


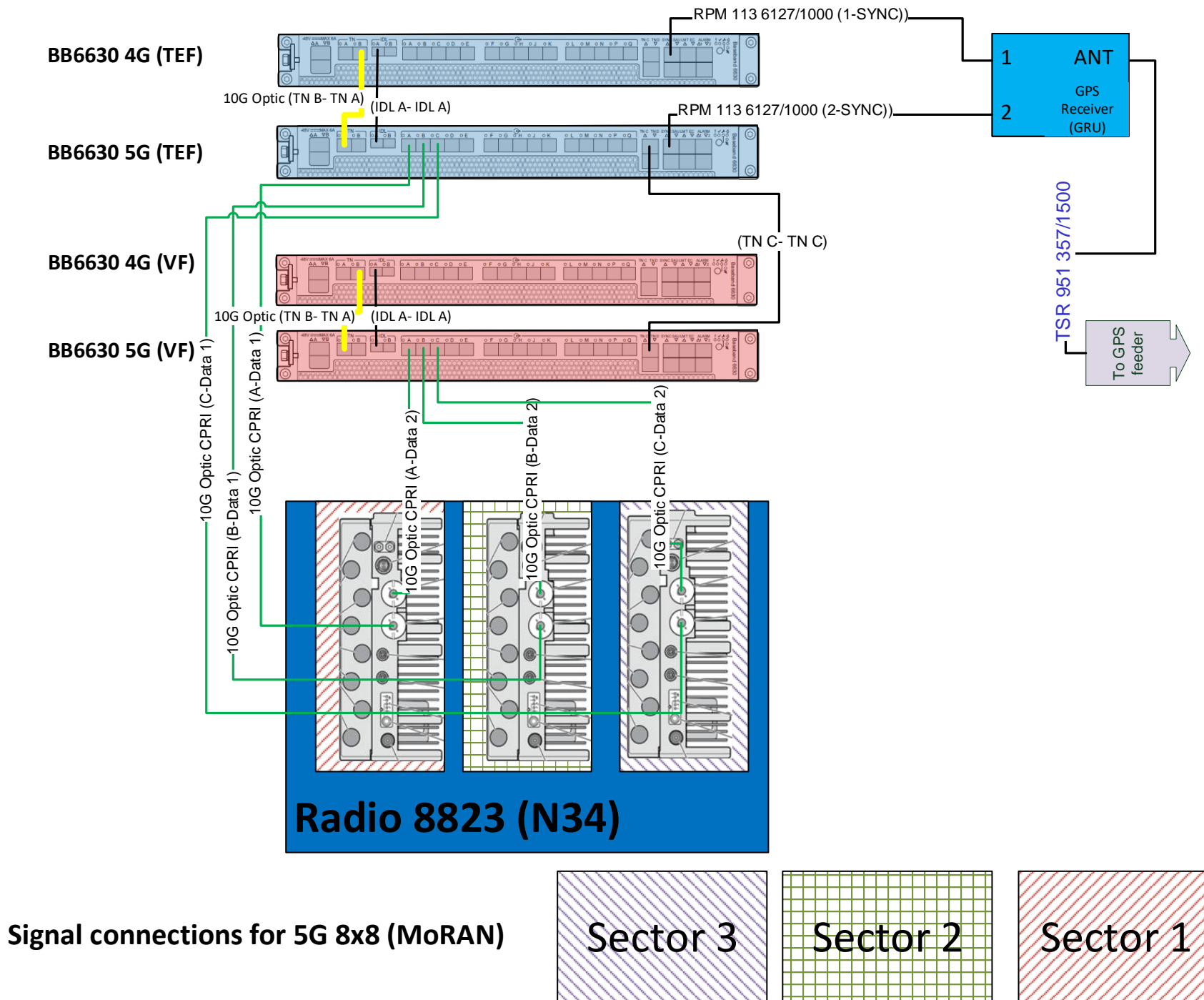
AIR 6488 (N34)

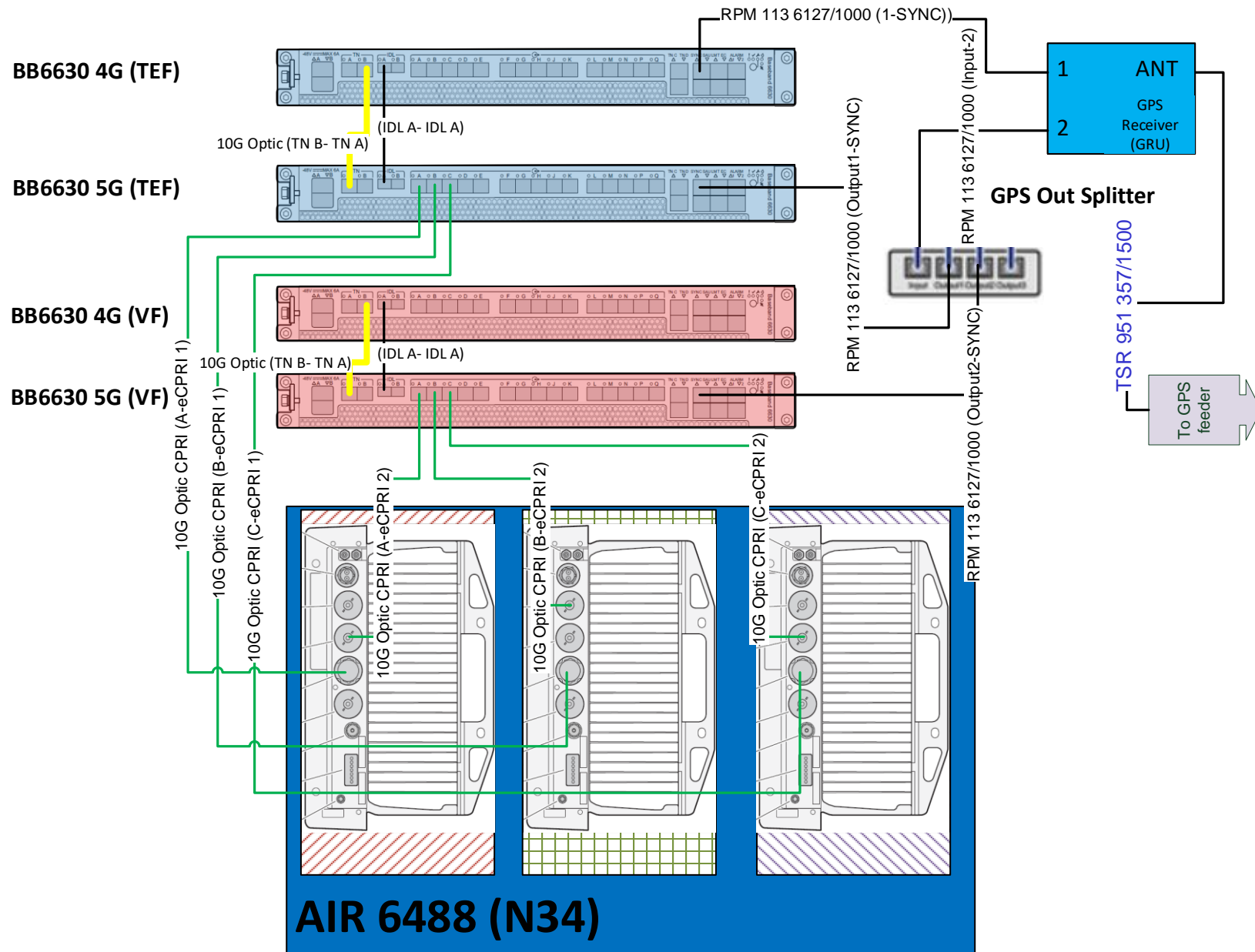
TSR 951 357/1500



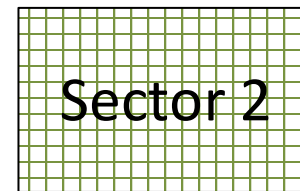
Signal connections for 5G M-MiMO (TEF)



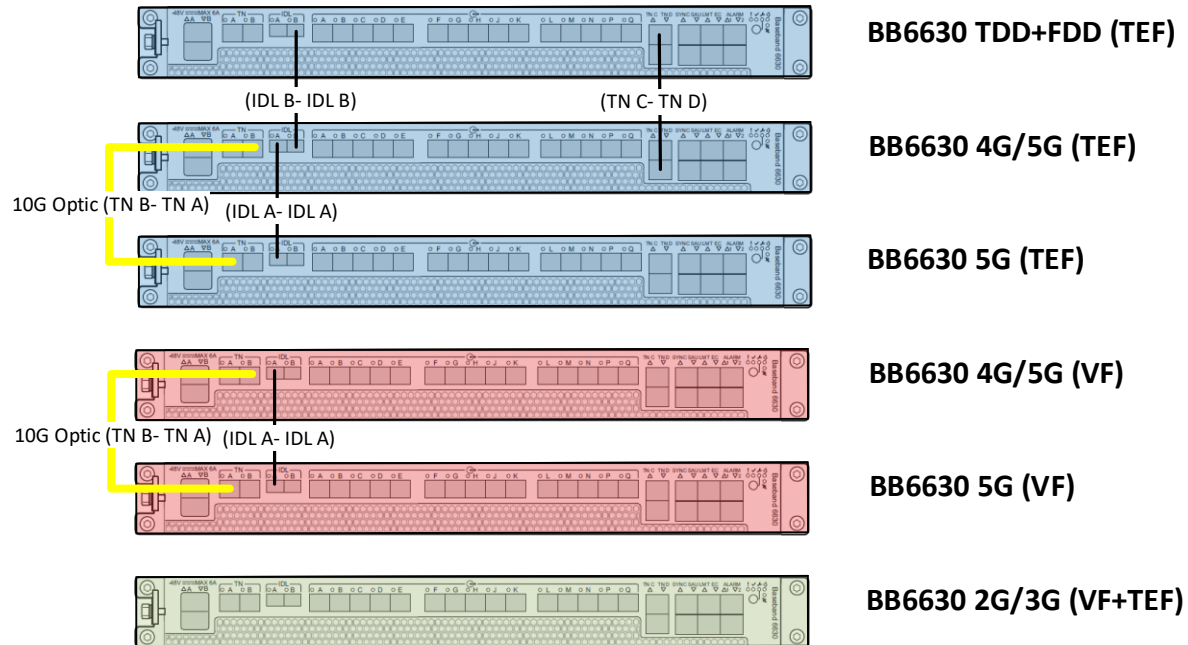




Signal connections for 5G M-MiMO (MoRAN)



Transmission connections For MoRAN

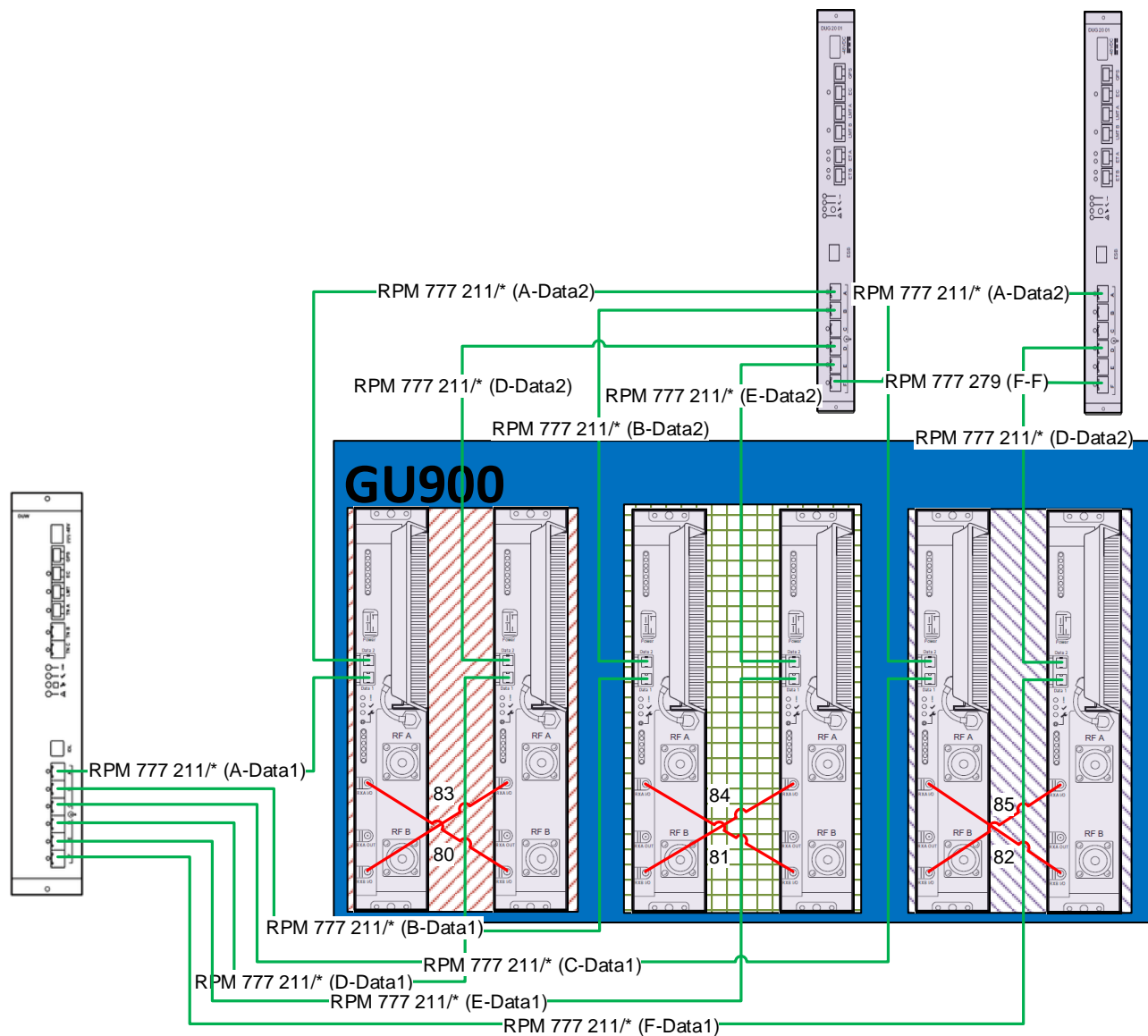


CABLE INSTRUCTIONS

10G Optic (TN B-TN A) : RPM 253 3512/2000

Ethernet cable (TN C-TN D) : RPM 777 341/01400

IDLE cable (IDL A-IDL A) & (IDL B-IDL B) : RPM 777 417/00800



Signal connections for GU900 20W (3-sector) Low/Stealth/Small UL

Items 80-85 - RPM 777 700/00130 (RXA I/O – RXB I/O)

