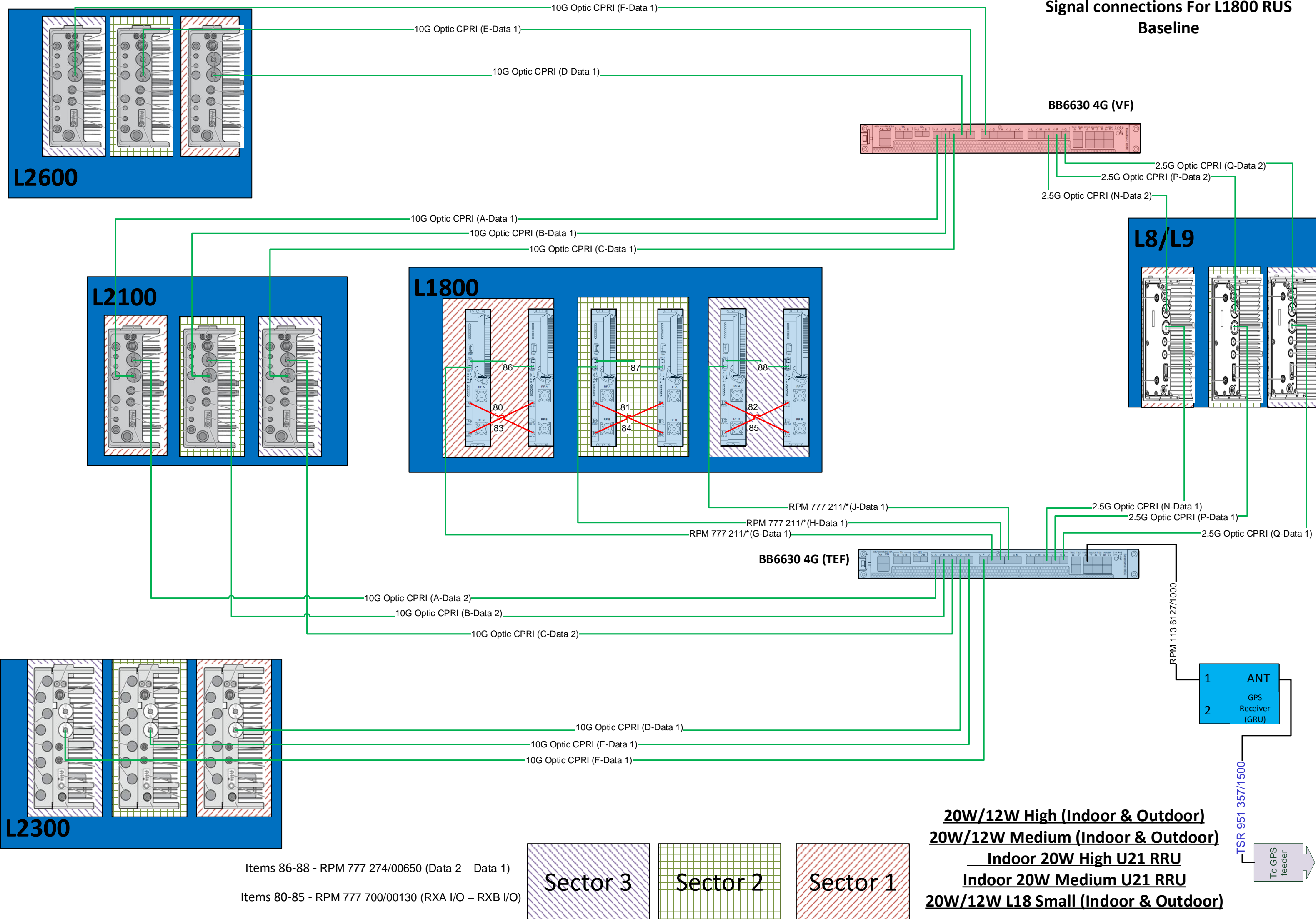


Signal connections For L1800 RUS Baseline



Items 86-88 - RPM 777 274/00650 (Data 2 – Data 1)

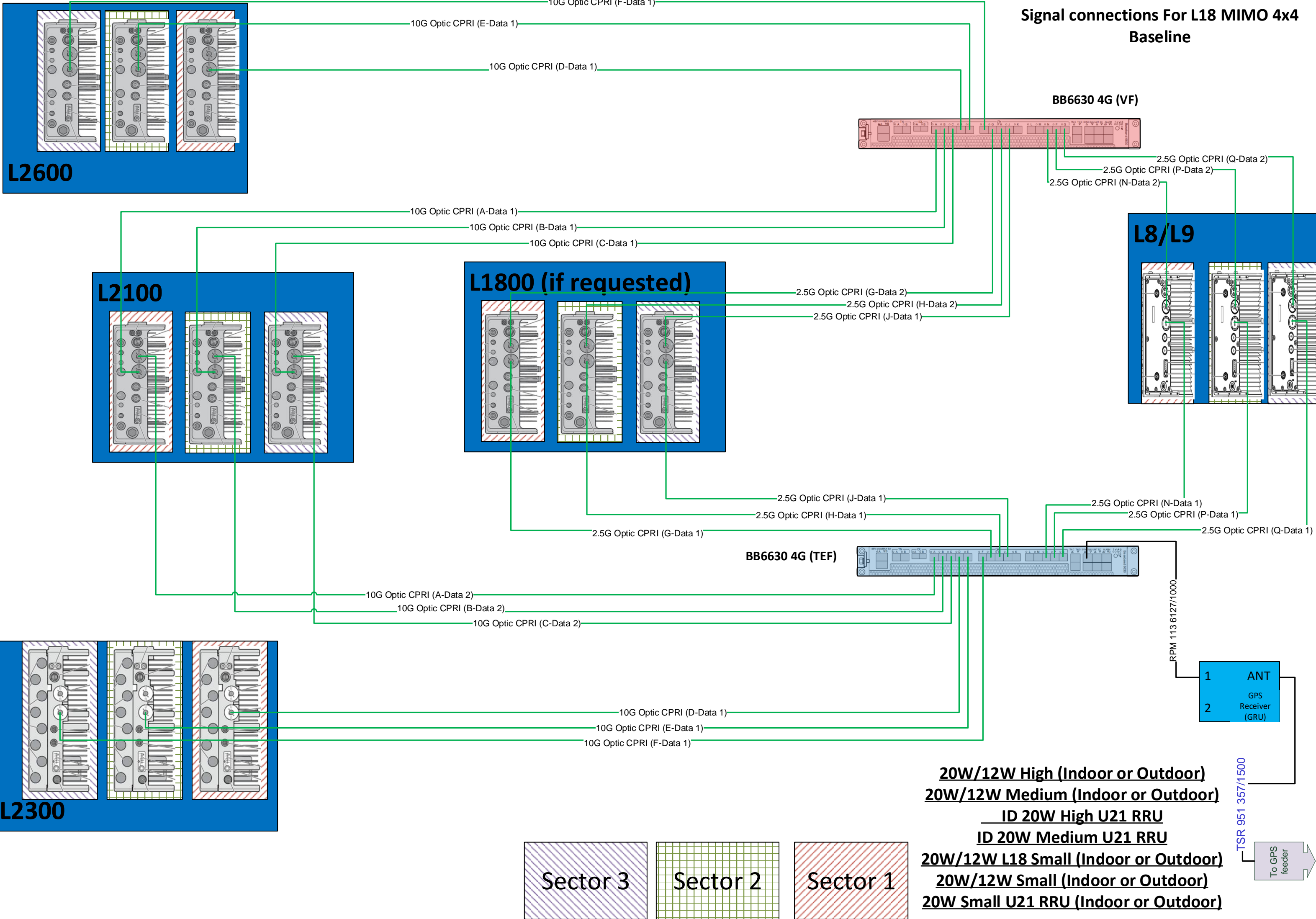
Items 80-85 - RPM 777 700/00130 (RXA I/O – RXB I/O)

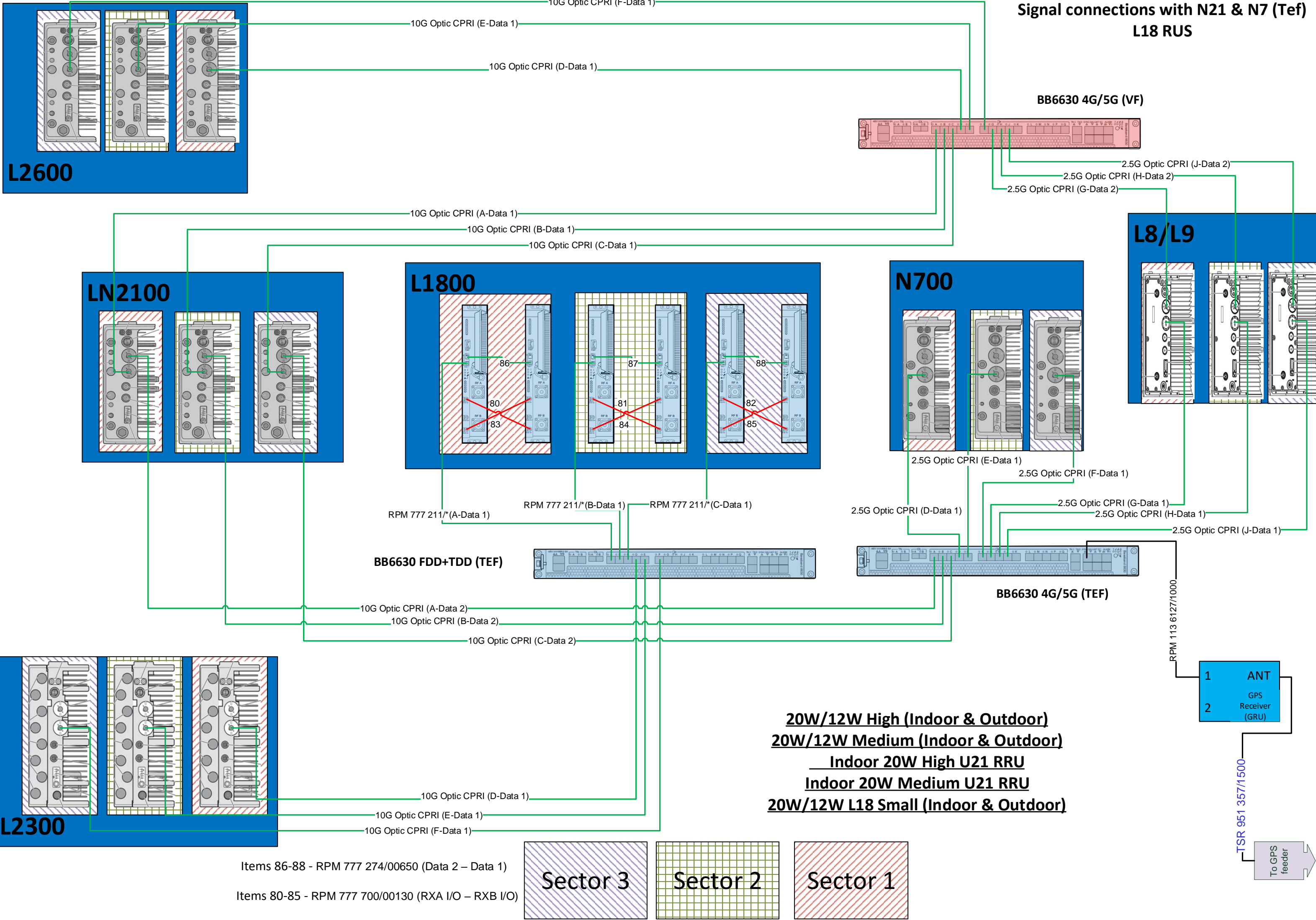
Sector 3

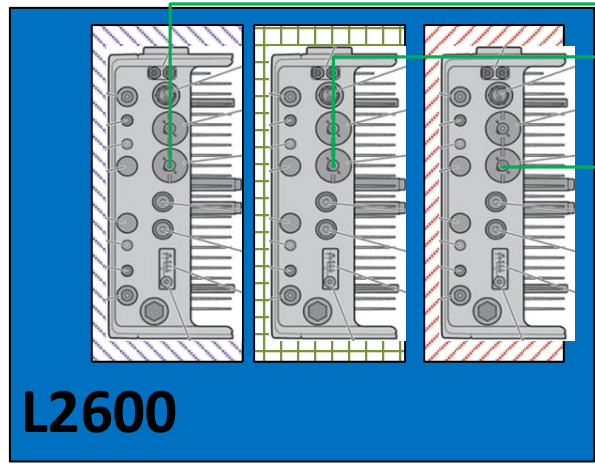
Sector 2

Sector 1

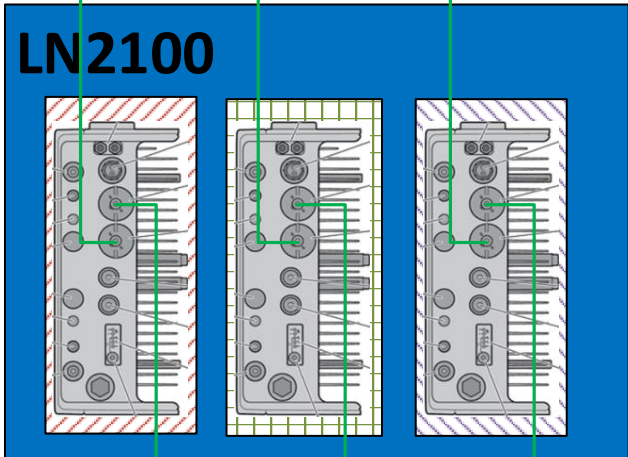
20W/12W High (Indoor & Outdoor)
20W/12W Medium (Indoor & Outdoor)
Indoor 20W High U21 RRU
Indoor 20W Medium U21 RRU
20W/12W L18 Small (Indoor & Outdoor)



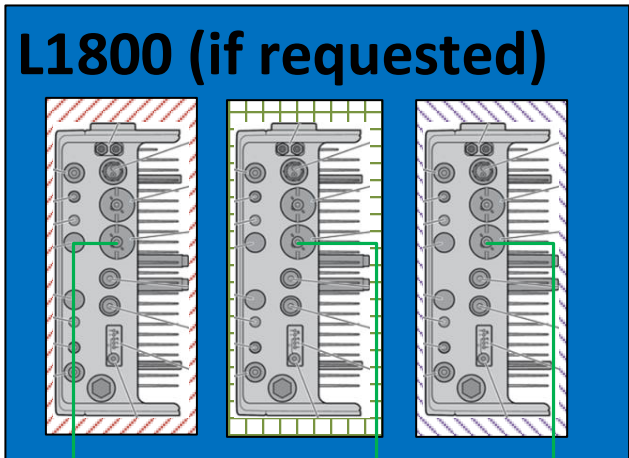




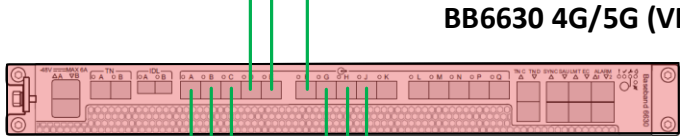
L2600



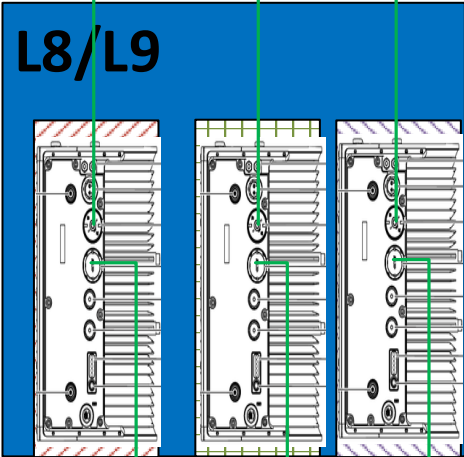
LN2100



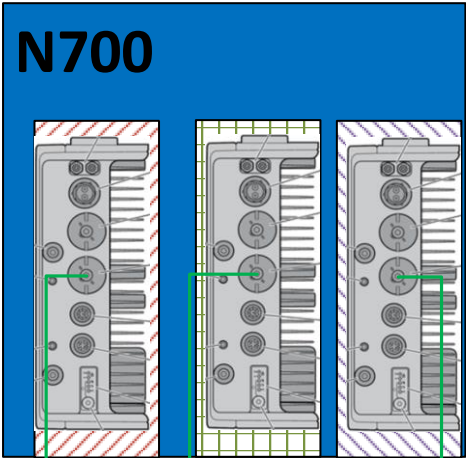
L1800 (if requested)



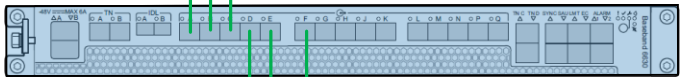
BB6630 4G/5G (VF)



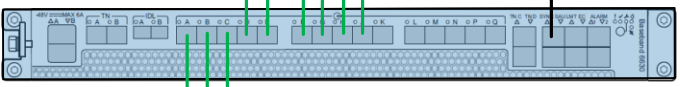
L8/L9



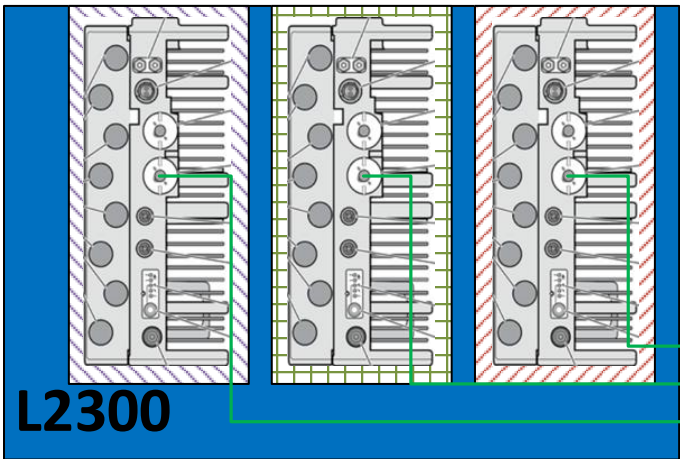
N700



BB6630 FDD+TDD (TEF)



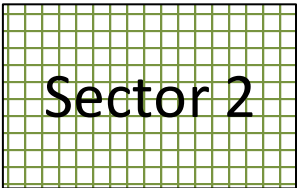
BB6630 4G/5G (TEF)



L2300



Sector 3



Sector 2



Sector 1

- 20W/12W High (Indoor or Outdoor)
- 20W/12W Medium (Indoor or Outdoor)
- ID 20W High U21 RRU
- ID 20W Medium U21 RRU
- 20W/12W L18 Small (Indoor or Outdoor)
- 20W/12W Small (Indoor or Outdoor)
- 20W Small U21 RRU (Indoor or Outdoor)

**Signal connections with N21 & N7 (Tef)
L18 4x4**

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

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

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

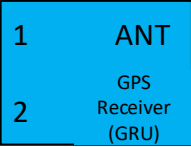
2.5G Optic CPRI (B-Data 1)
2.5G Optic CPRI (A-Data 1)
2.5G Optic CPRI (C-Data 1)

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)

10G Optic CPRI (A-Data 2)
10G Optic CPRI (B-Data 2)
10G Optic CPRI (C-Data 2)

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

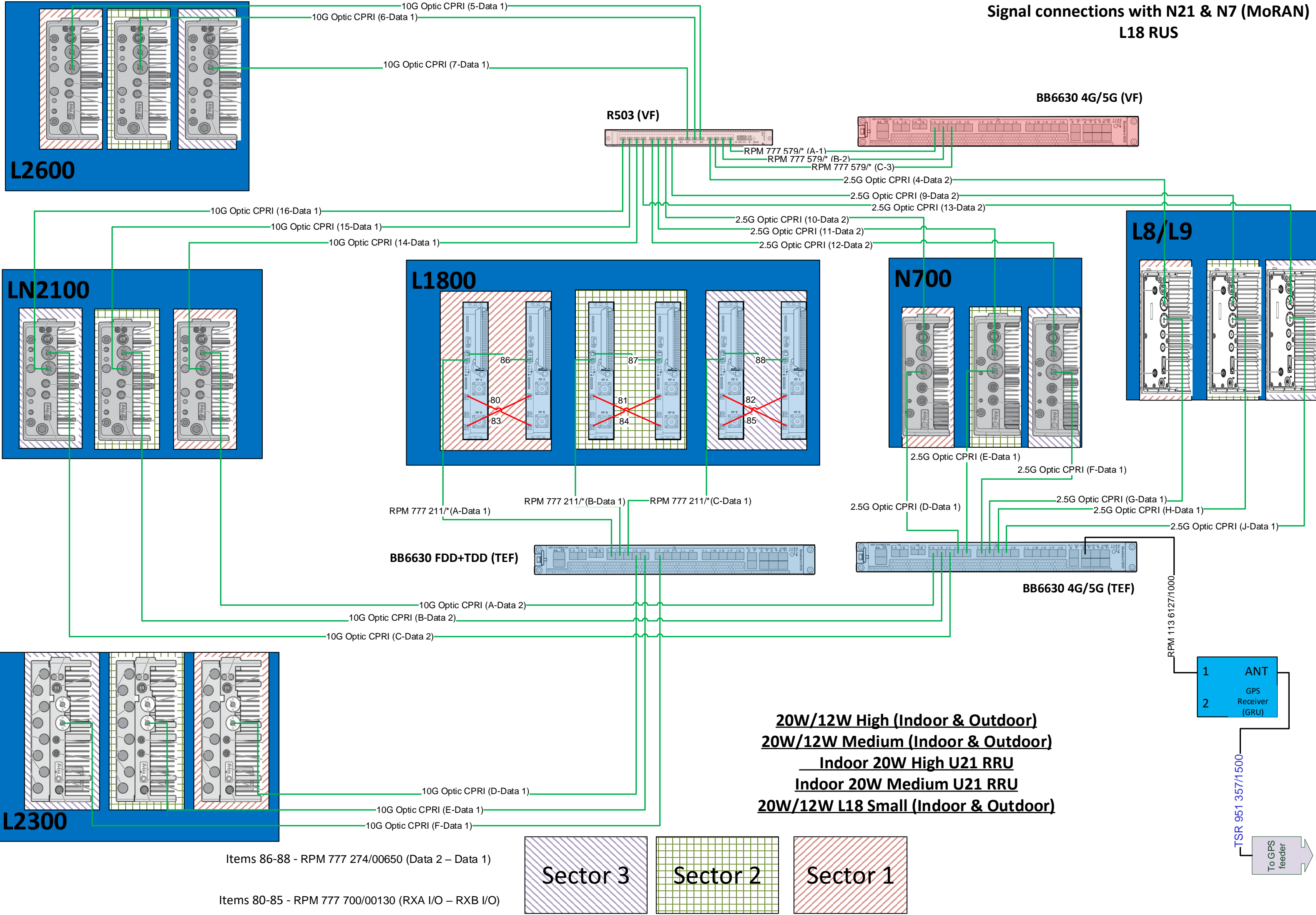
RPM 113 6127/1000



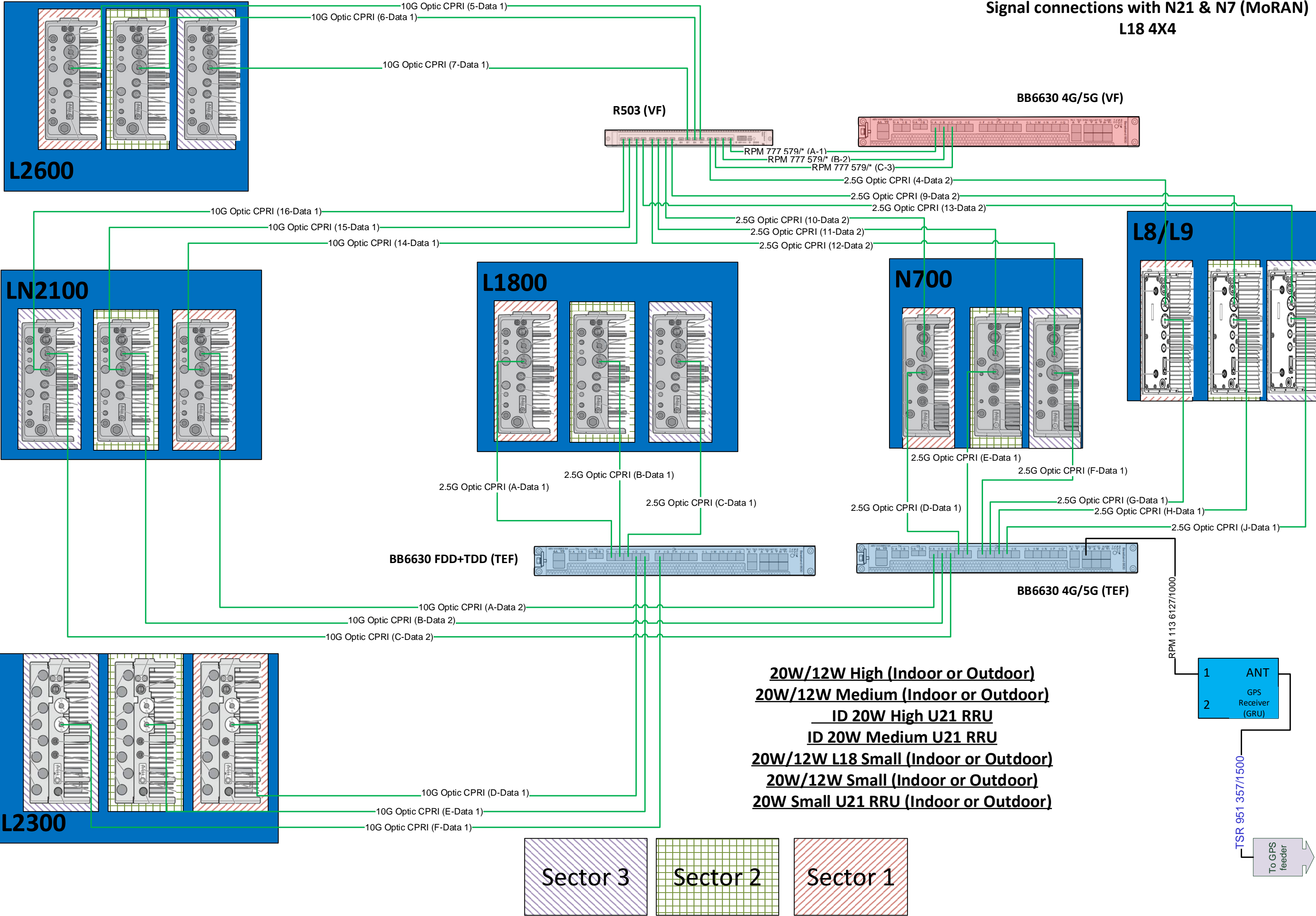
TSR 951 357/1500

To GPS feeder

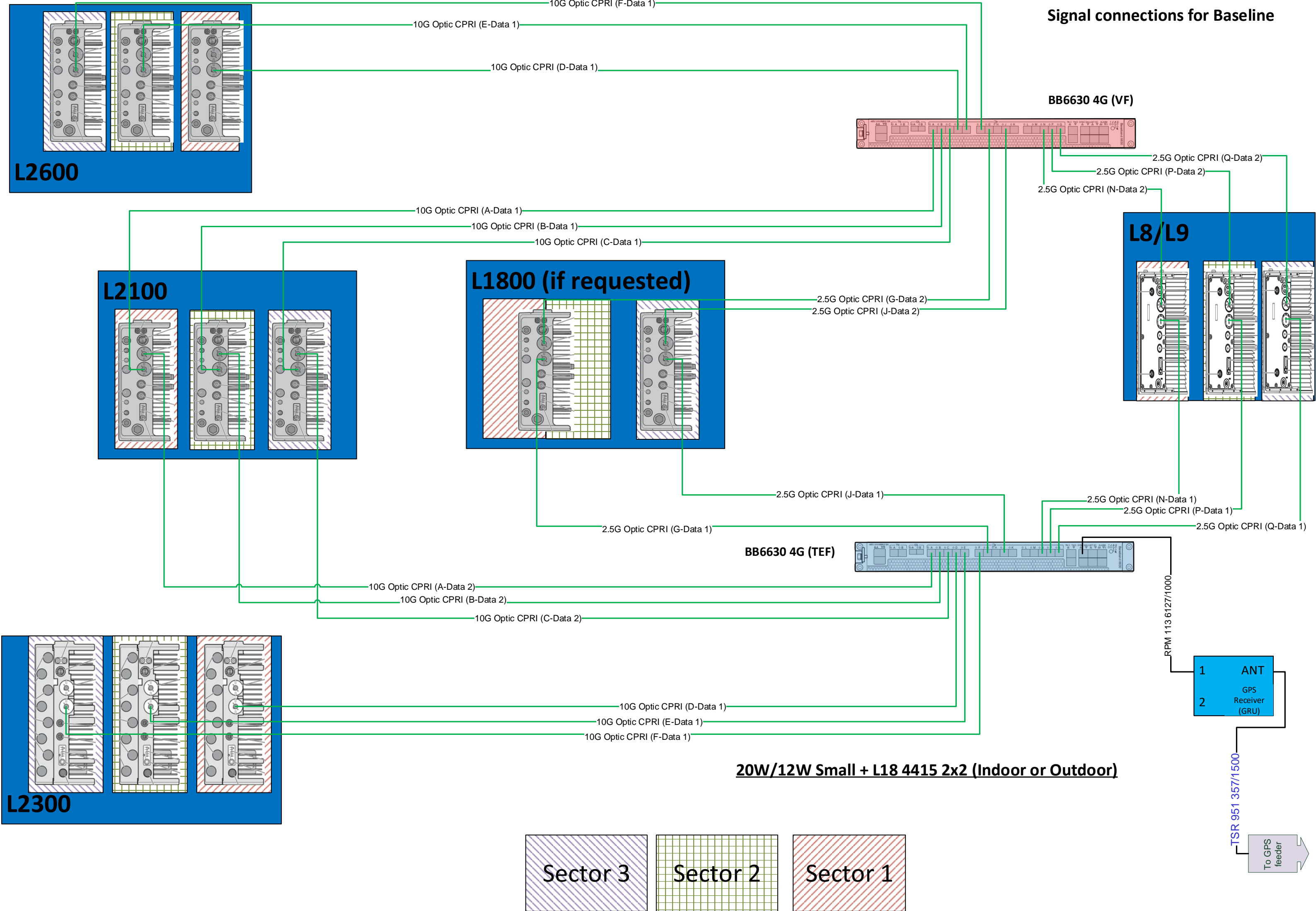
Signal connections with N21 & N7 (MoRAN)
L18 RUS

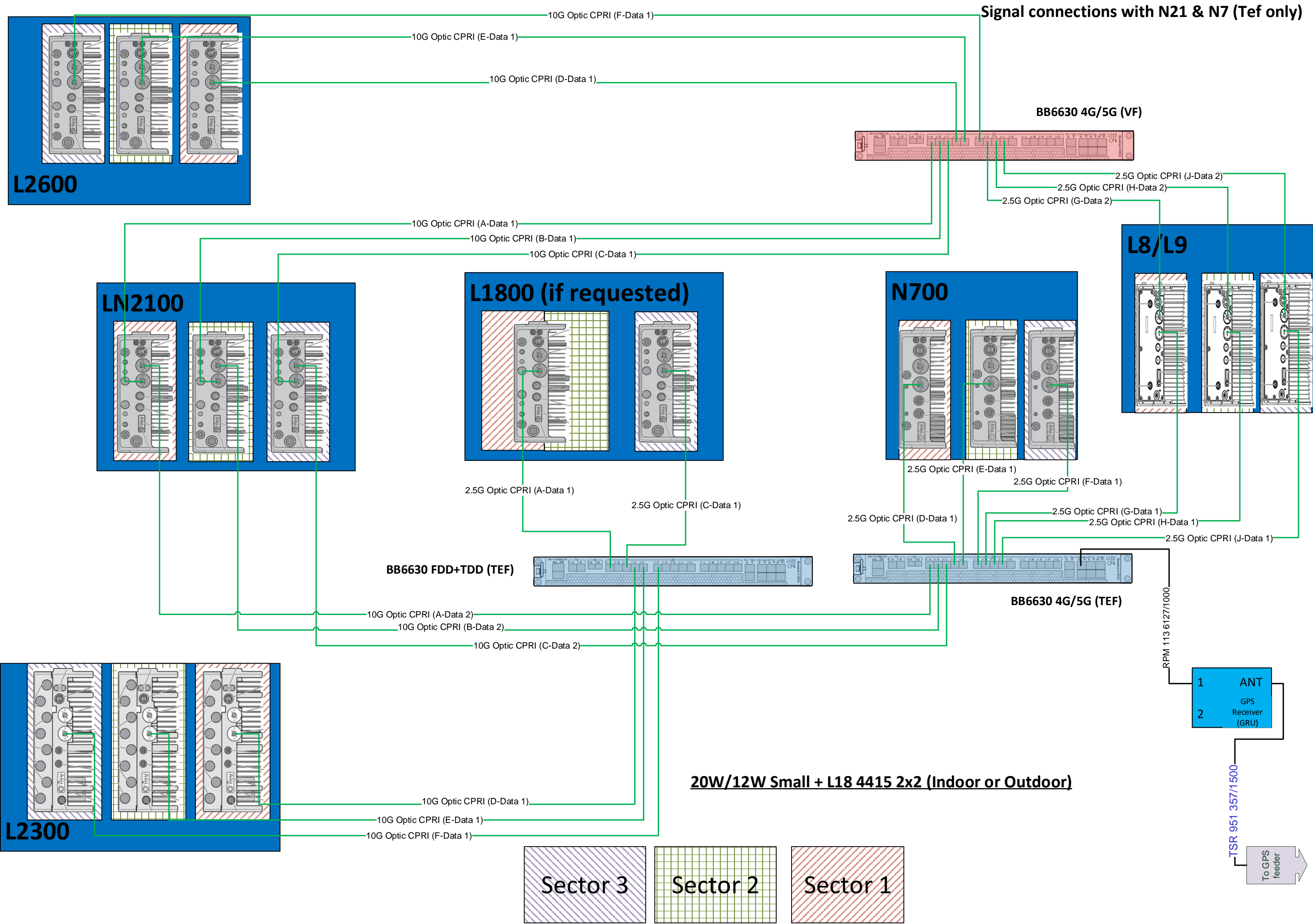


Signal connections with N21 & N7 (MoRAN)
L18 4X4

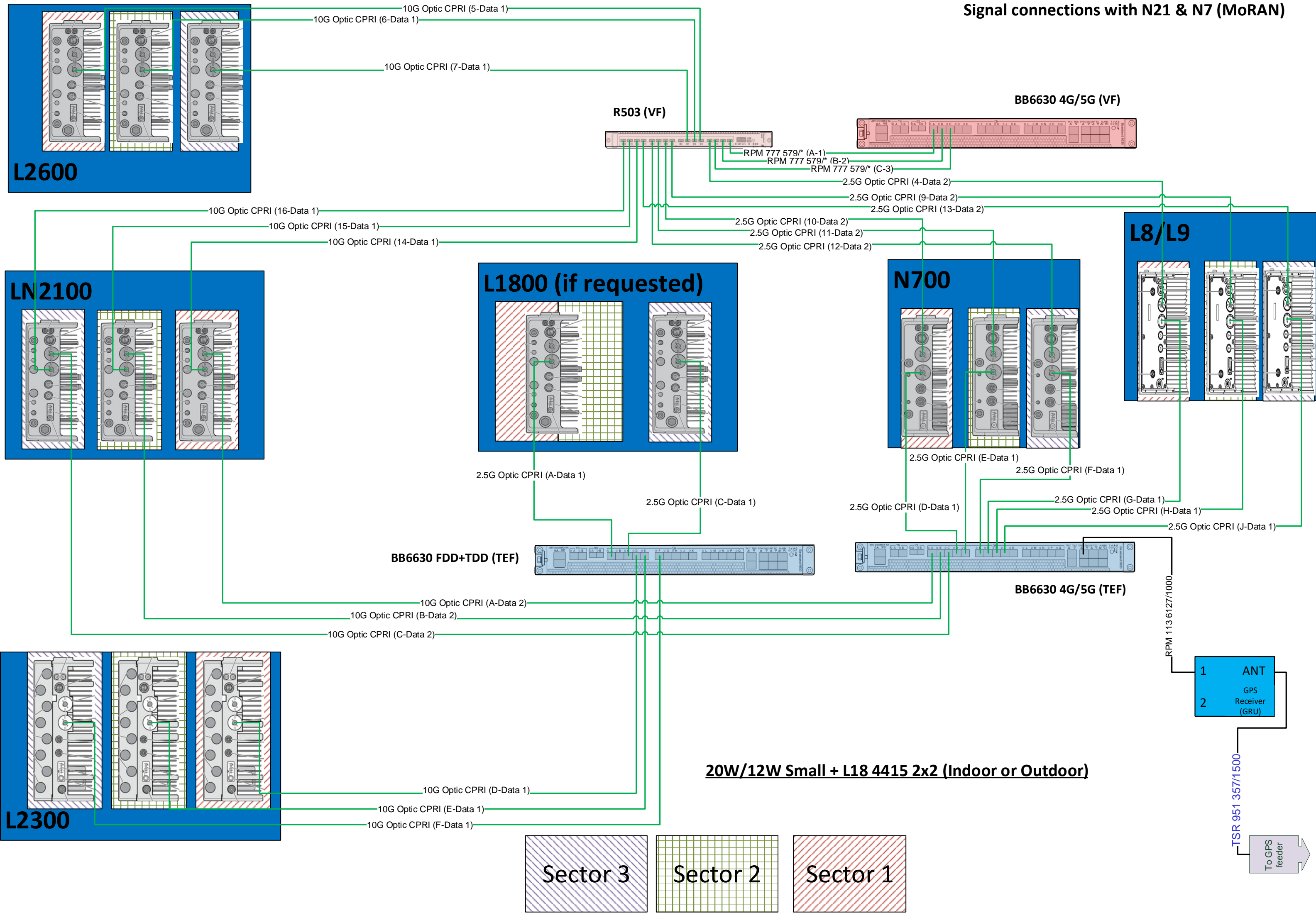


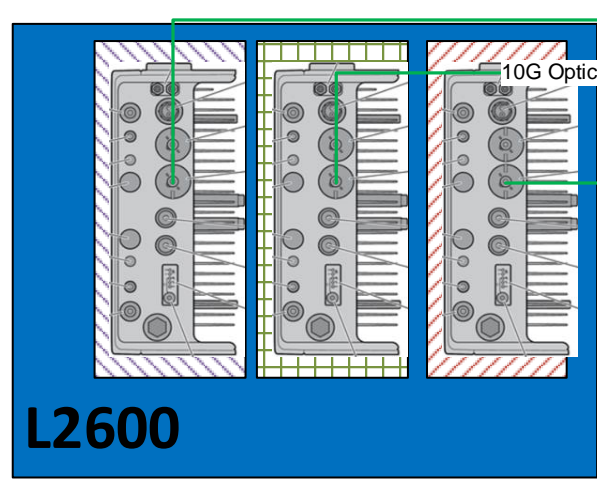
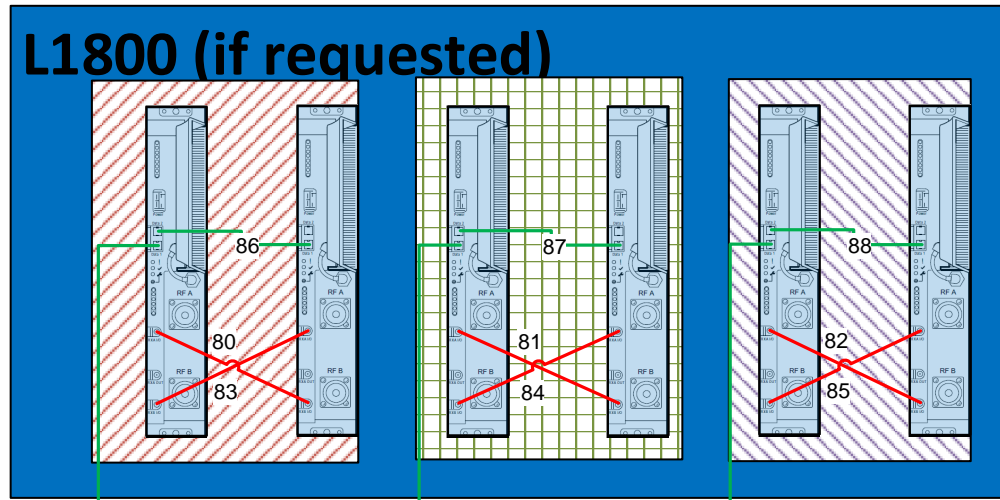
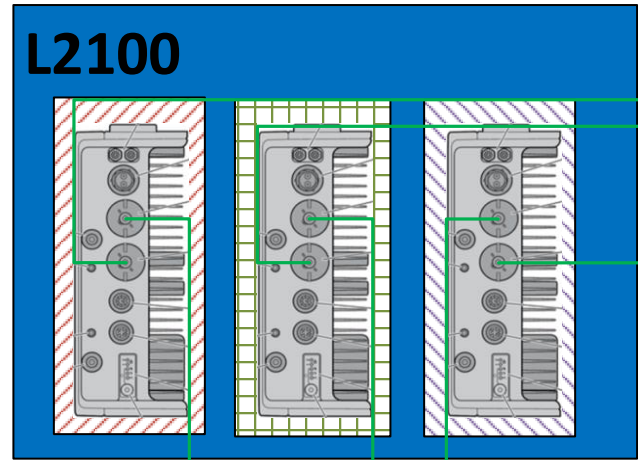
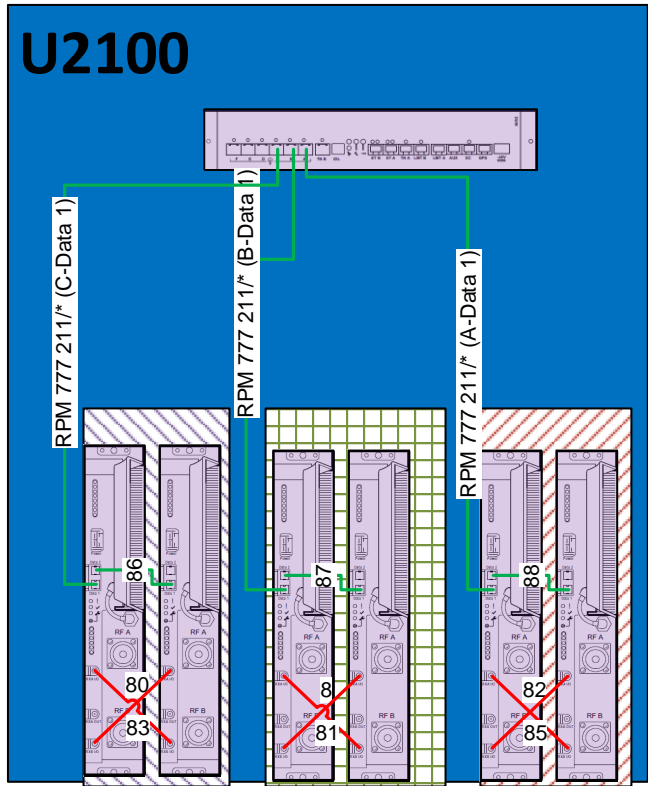
Signal connections for Baseline



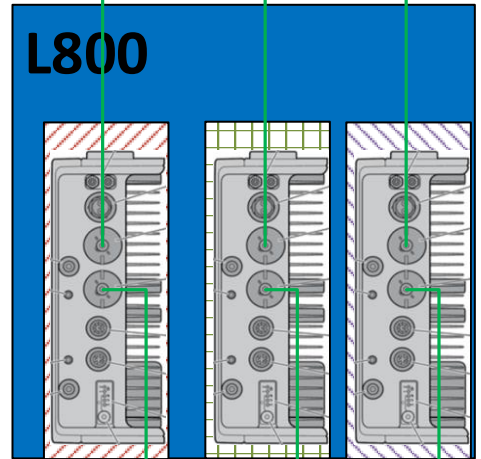
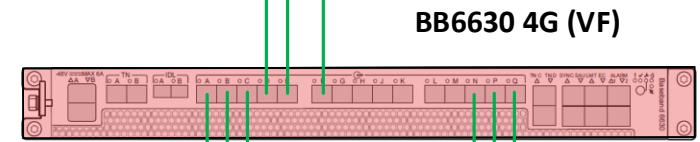


Signal connections with N21 & N7 (MoRAN)

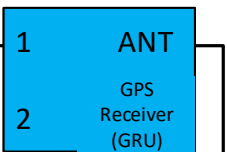
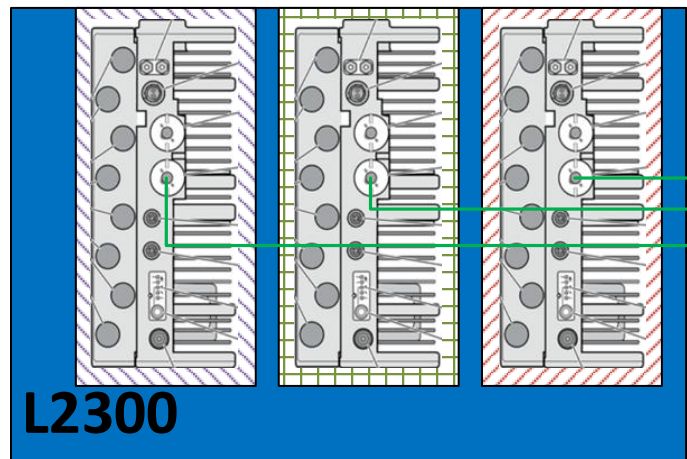
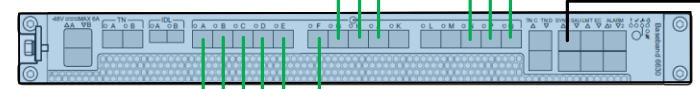




Signal connections for Baseline

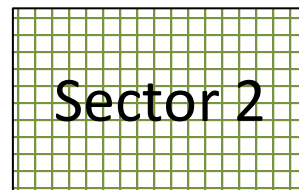


BB6630 4G (TEF)



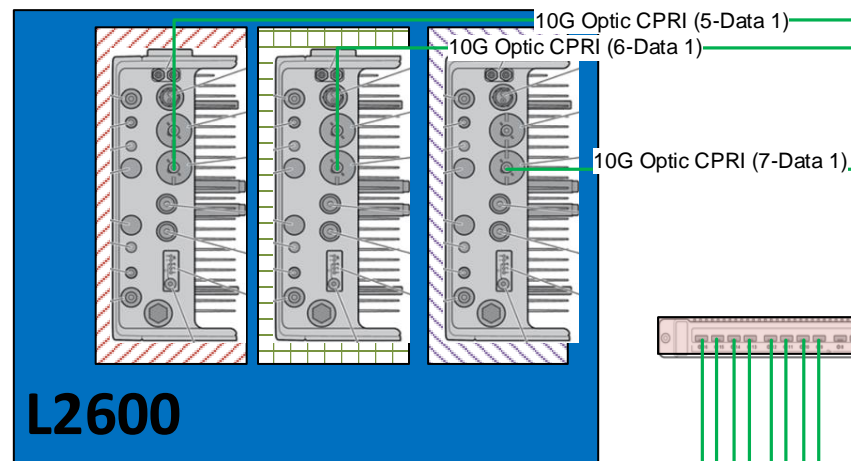
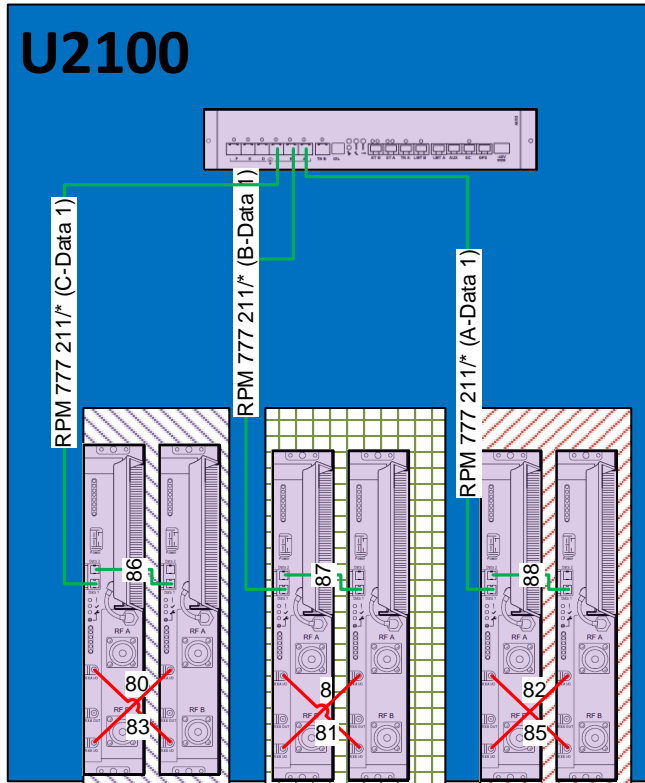
20W Network Rail (Indoor or Outdoor)
20W Network Rail No-L18 (Indoor or Outdoor)

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



TSR 951 357/1500





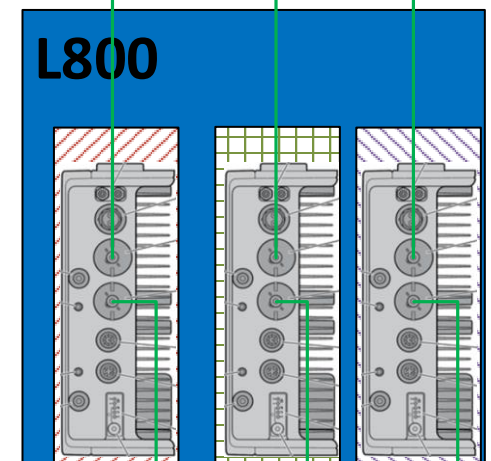
R503 (VF)

Signal connections with N21 & N7 (MoRAN)

BB6630 4G/5G (VF)

2.5G Optic CPRI (16-Data 1)
2.5G Optic CPRI (15-Data 1)
2.5G Optic CPRI (14-Data 1)
2.5G Optic CPRI (10-Data 2)
2.5G Optic CPRI (11-Data 2)
2.5G Optic CPRI (12-Data 2)
2.5G Optic CPRI (13-Data 2)
2.5G Optic CPRI (9-Data 2)
2.5G Optic CPRI (4-Data 2)

RPM 777 579/* (A-1)
RPM 777 579/* (B-2)
RPM 777 579/* (C-3)



N700

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)

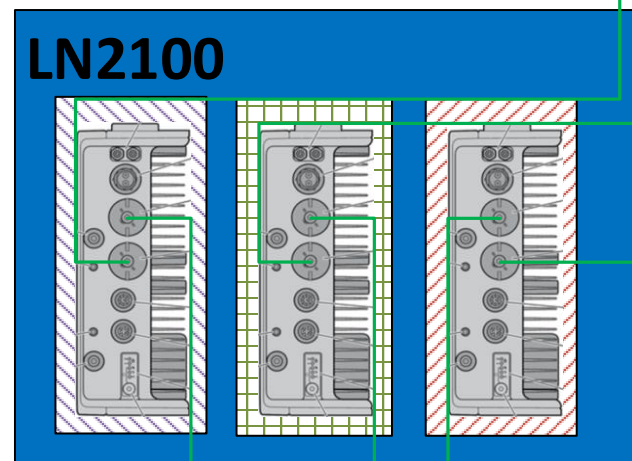
BB6630 4G/5G (TEF)

RPM 113 6127/1000

1 ANT
2 GPS Receiver (GRU)

TSR 951 357/1500

To GPS feeder



L1800 (if requested)

RPM 777 211/* (A-Data 1)
RPM 777 211/* (B-Data 1)
RPM 777 211/* (C-Data 1)

BB6630 FDD+TDD (TEF)

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

Items 86-88 - RPM 777 274/00650 (Data 2 – Data 1)

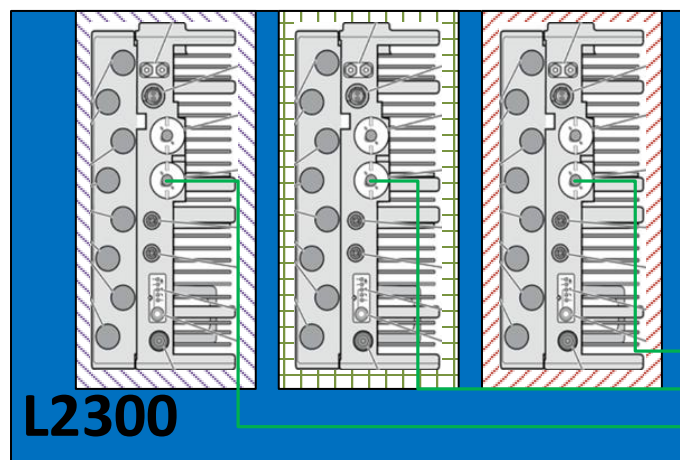
Items 80-85 - RPM 777 700/00130 (RXA I/O – RXB I/O)

Sector 3

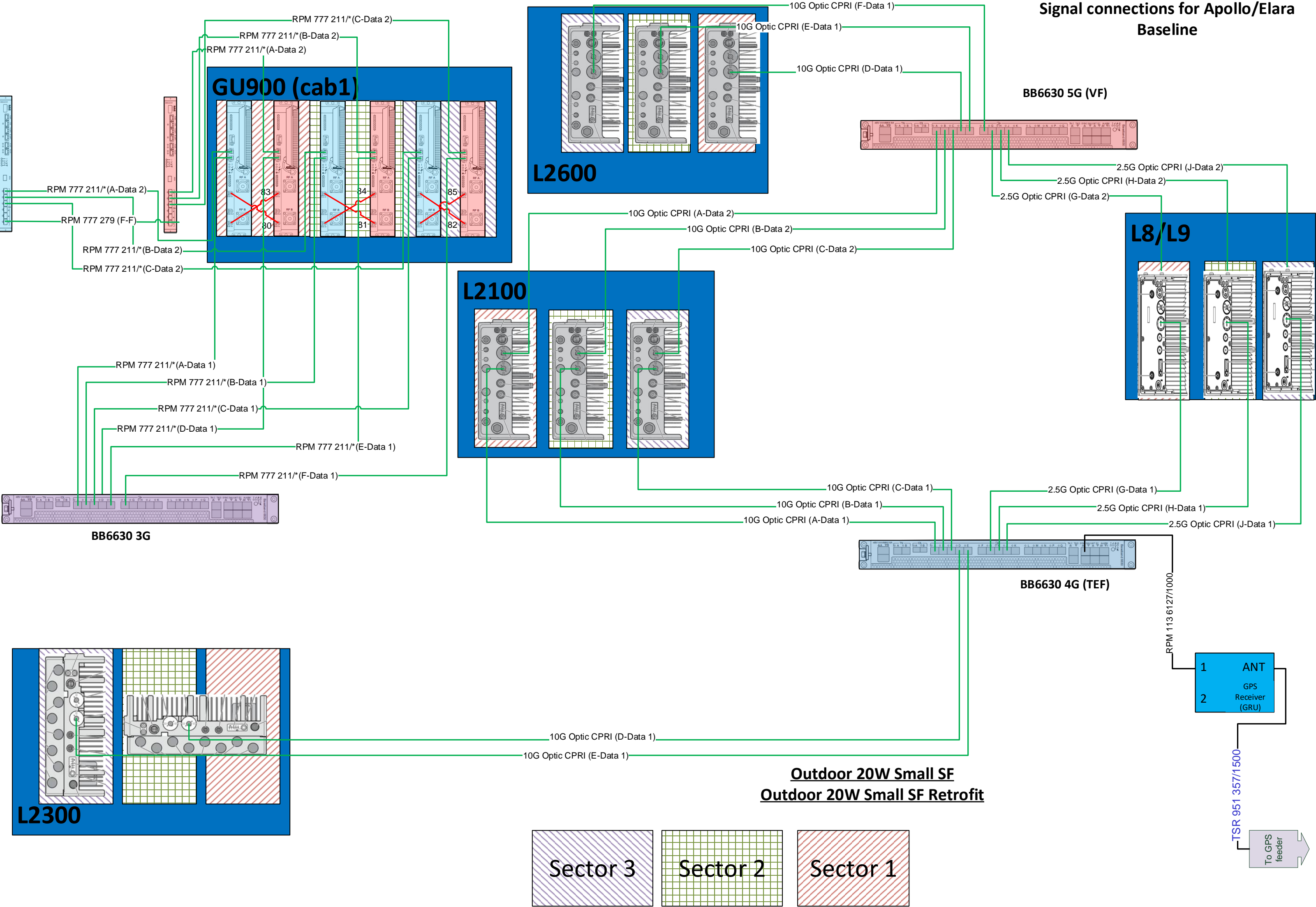
Sector 2

Sector 1

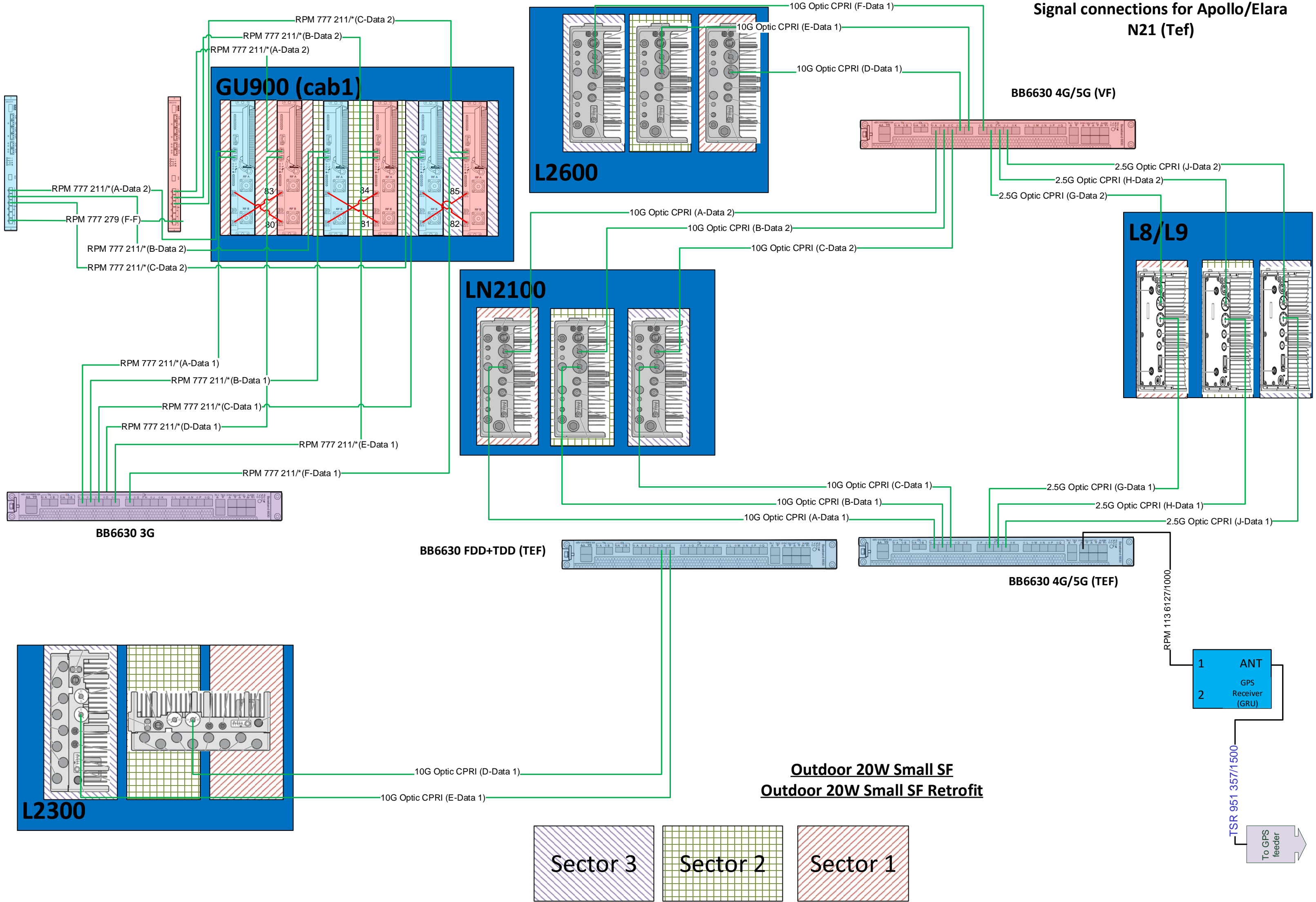
20W Network Rail (Indoor or Outdoor)
20W Network Rail No-L18 (Indoor or Outdoor)



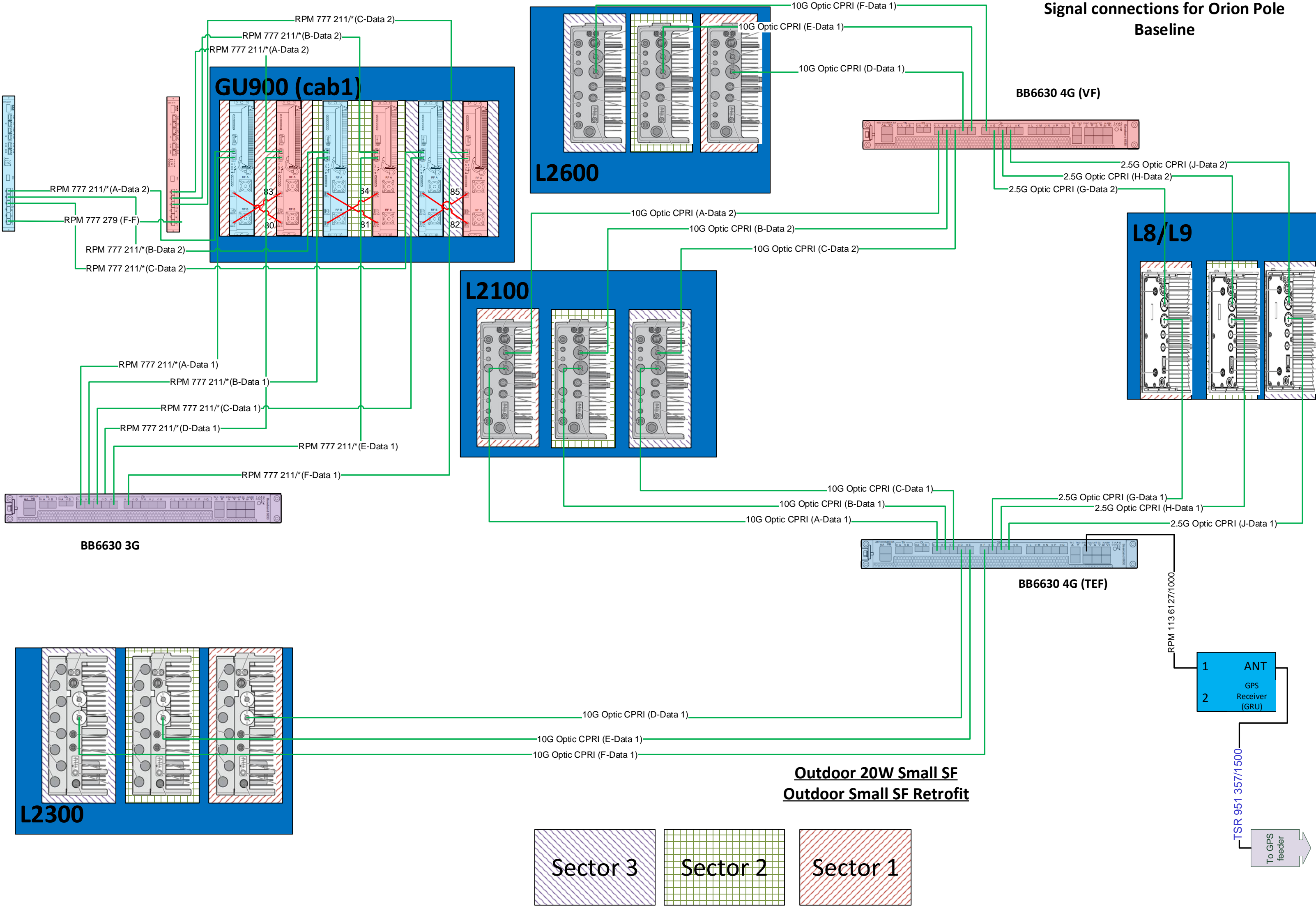
Signal connections for Apollo/Elara
Baseline



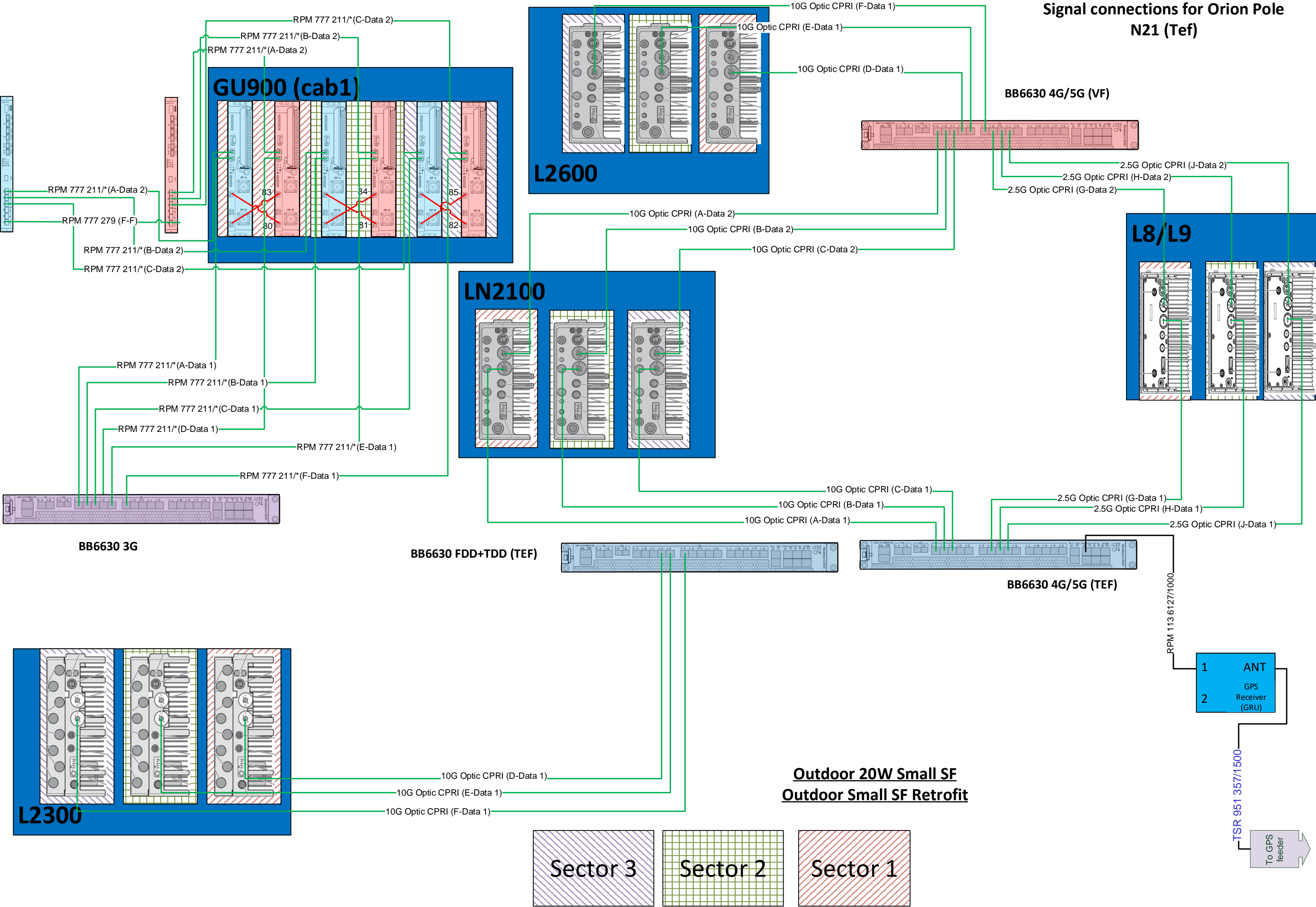
Signal connections for Apollo/Elara
N21 (Tef)



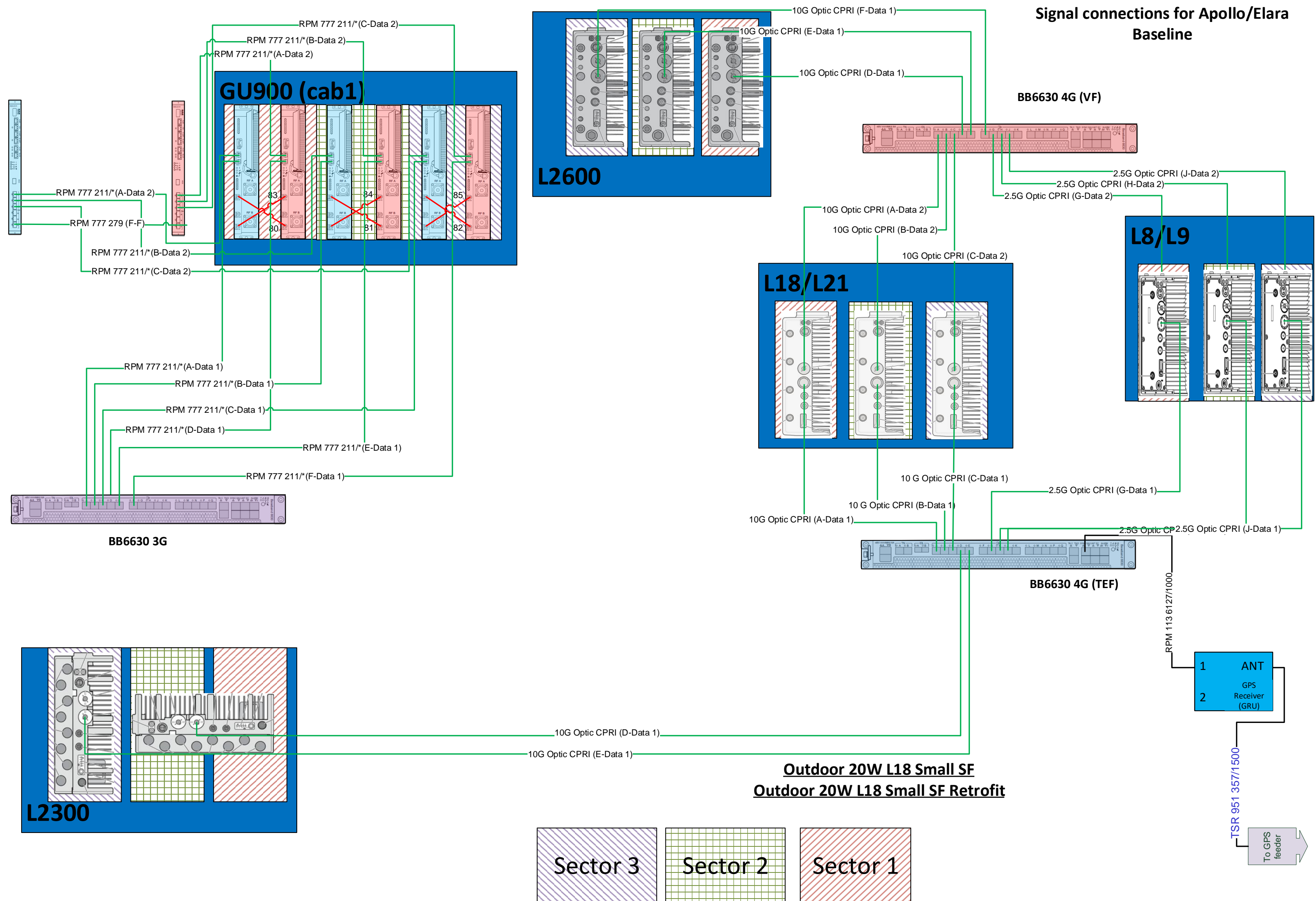
Signal connections for Orion Pole
Baseline

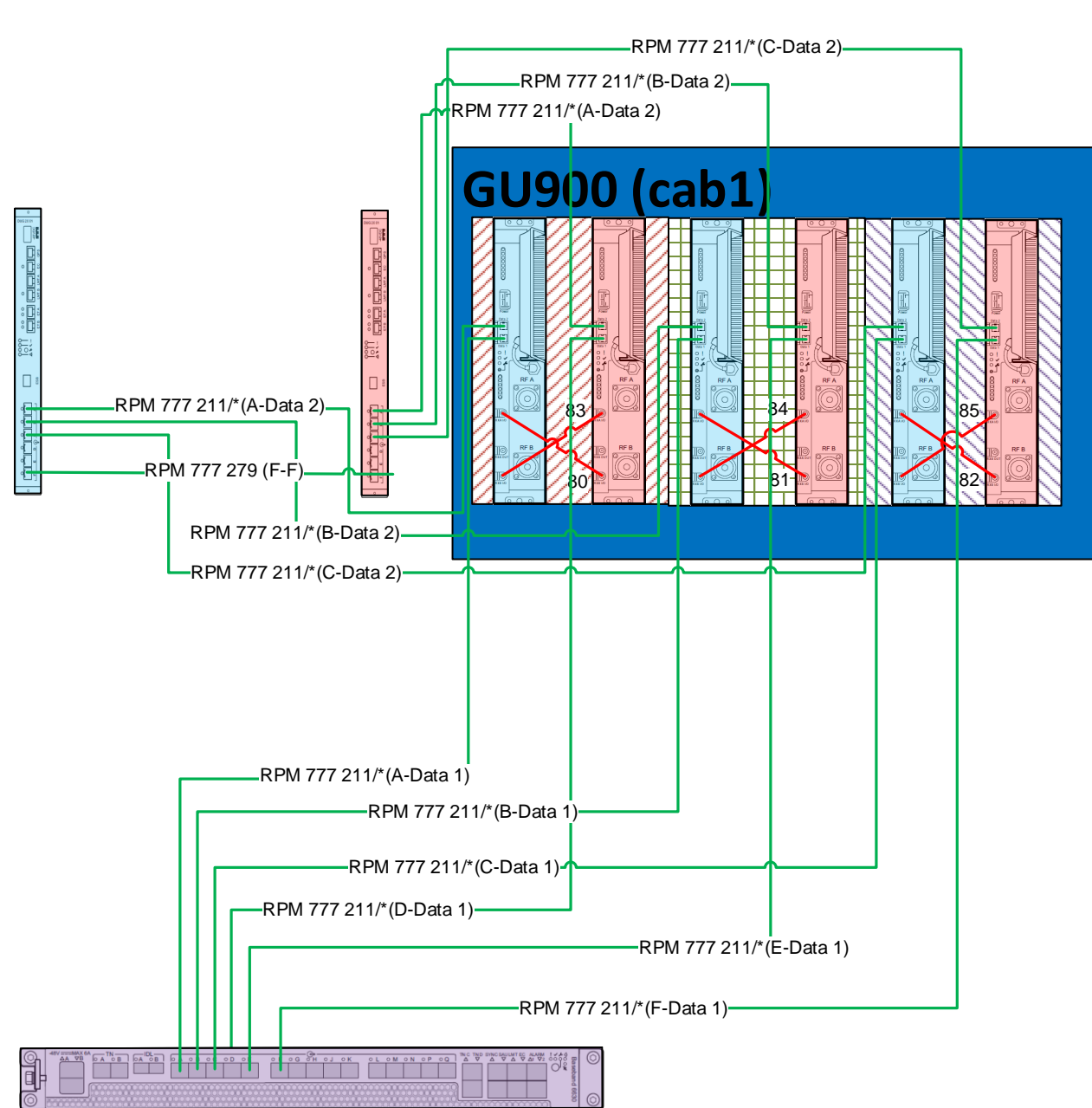


Signal connections for Orion Pole
N21 (Tef)



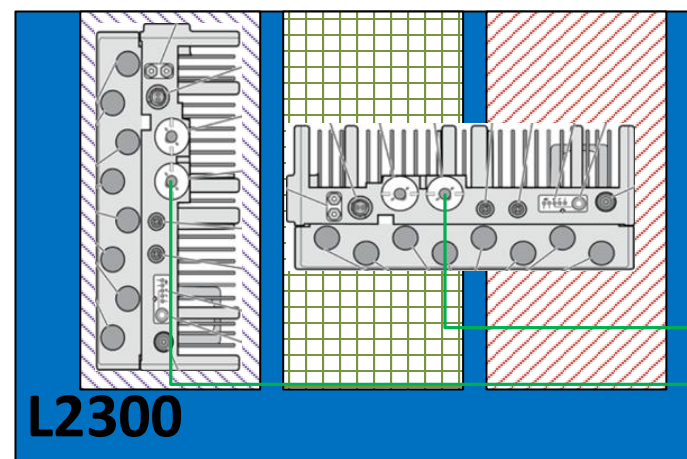
Signal connections for Apollo/Elara Baseline



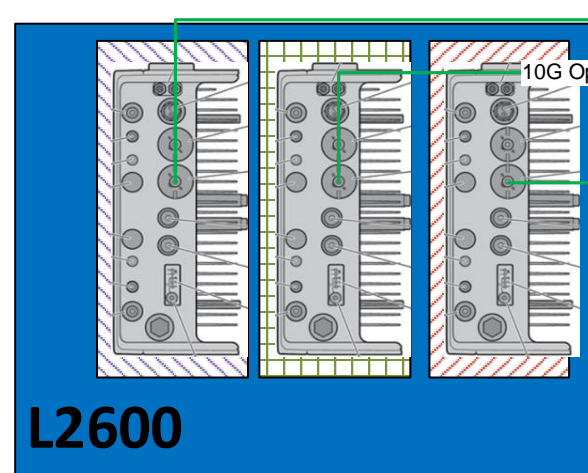


BB6630 3G

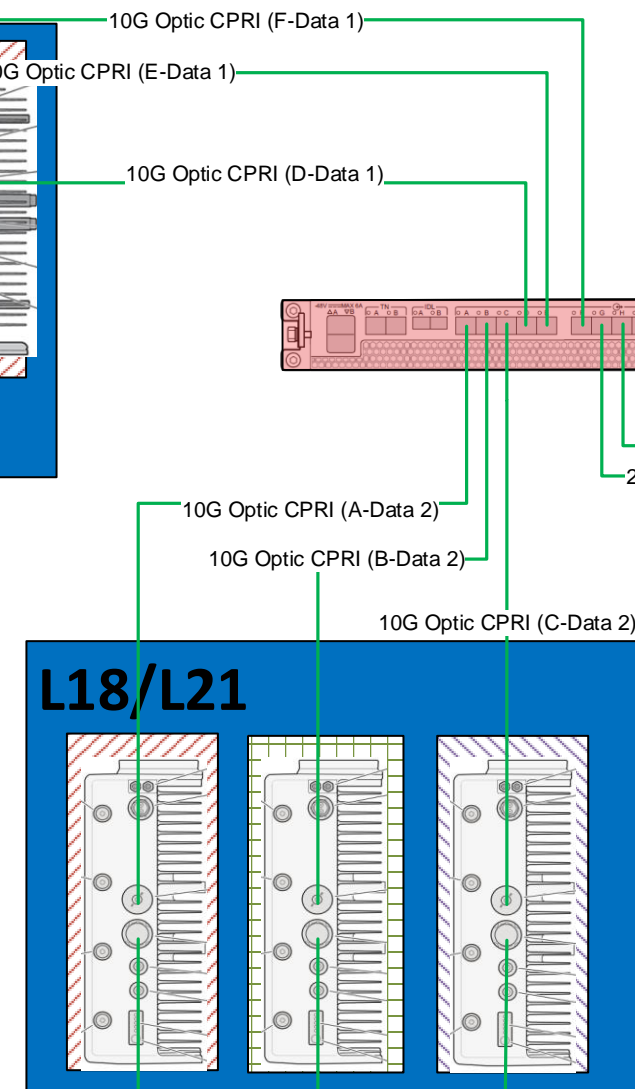
BB6630 FDD+TDD (TEF)



L2300



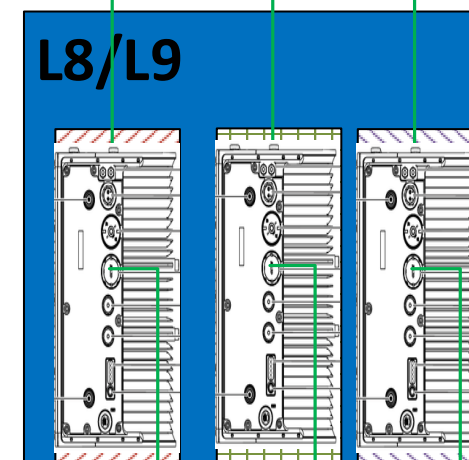
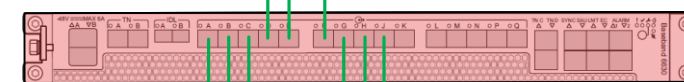
L2600



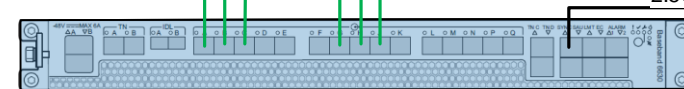
L18/L21

Signal connections for Apollo/Elara N21 (Tef)

BB6630 4G/5G (VF)

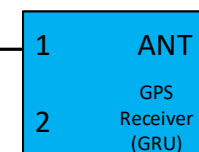


L8/L9



BB6630 4G/5G (TEF)

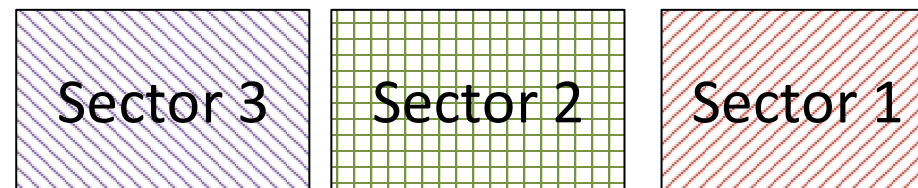
RPM 113 6127/1000

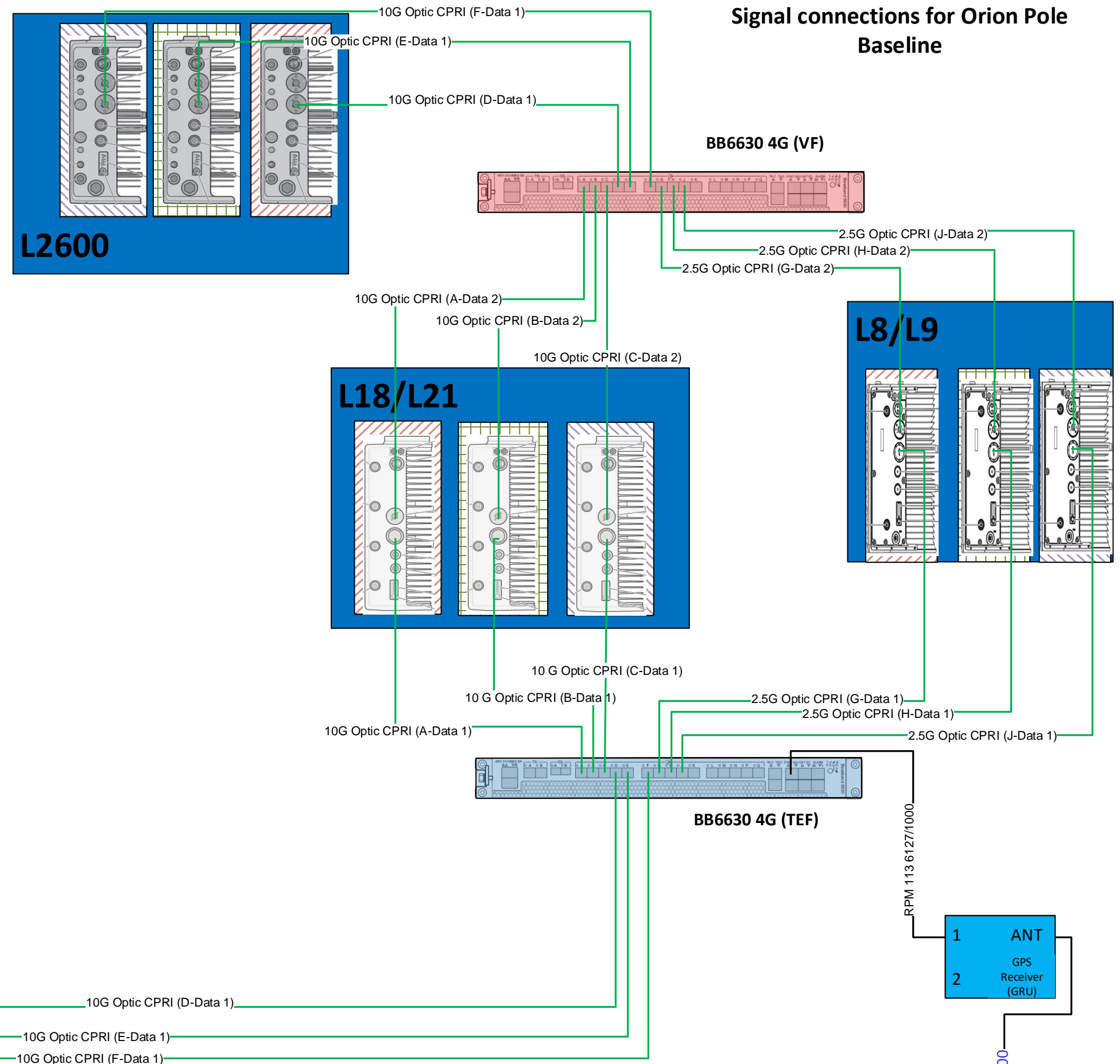
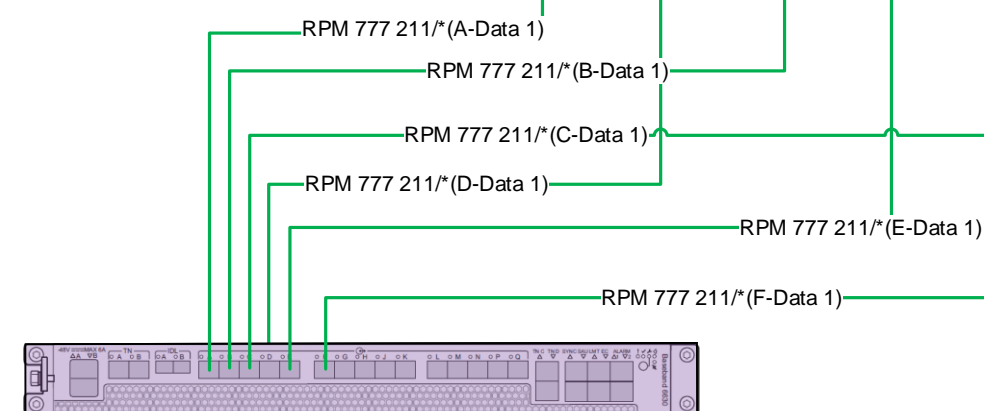
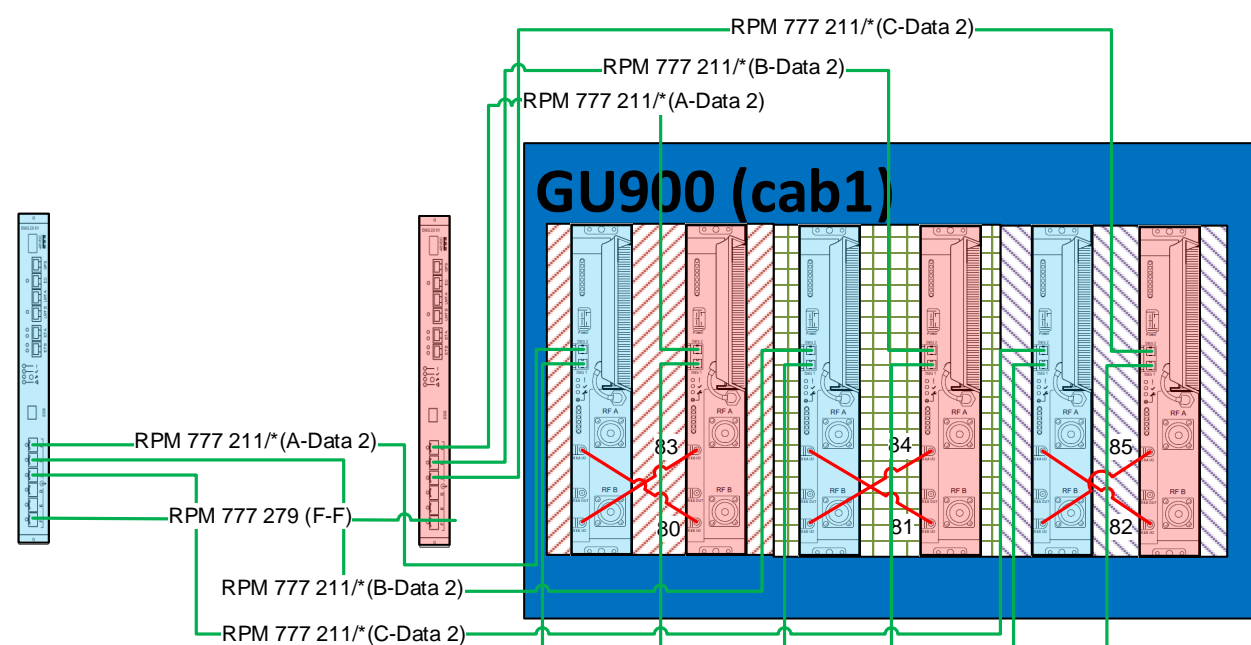


TSR 951 357/1500



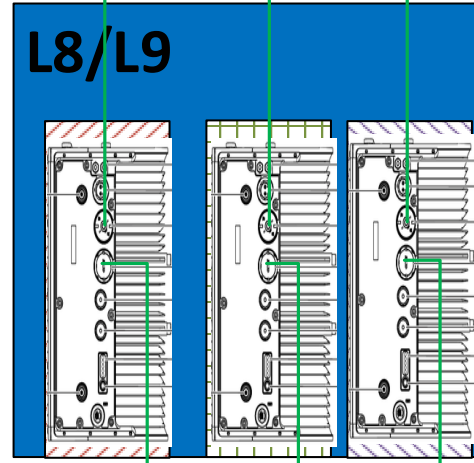
Outdoor 20W L18 Small SF
Outdoor 20W L18 Small SF Retrofit





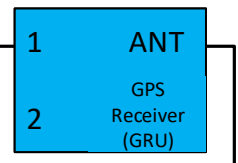
Signal connections for Orion Pole Baseline

BB6630 4G (VF)



BB6630 4G (TEF)

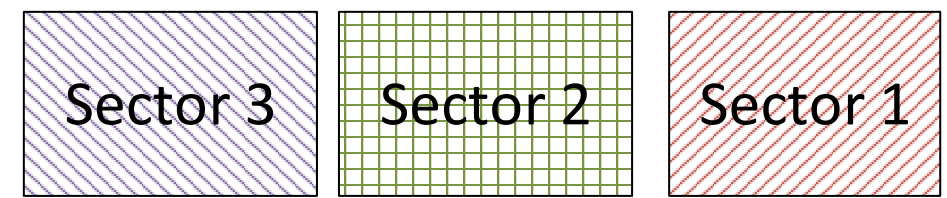
RPM 113 6127/1000

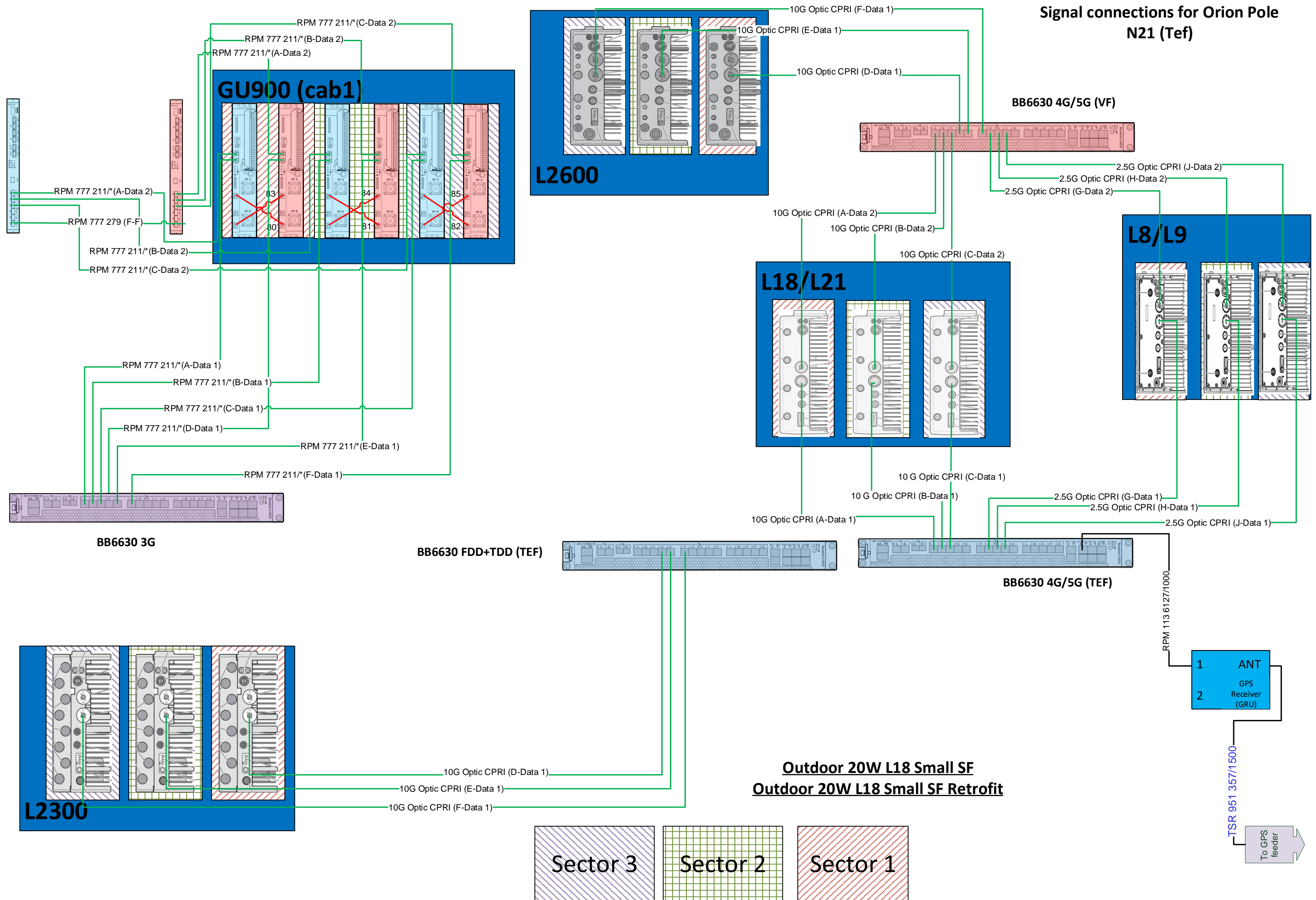


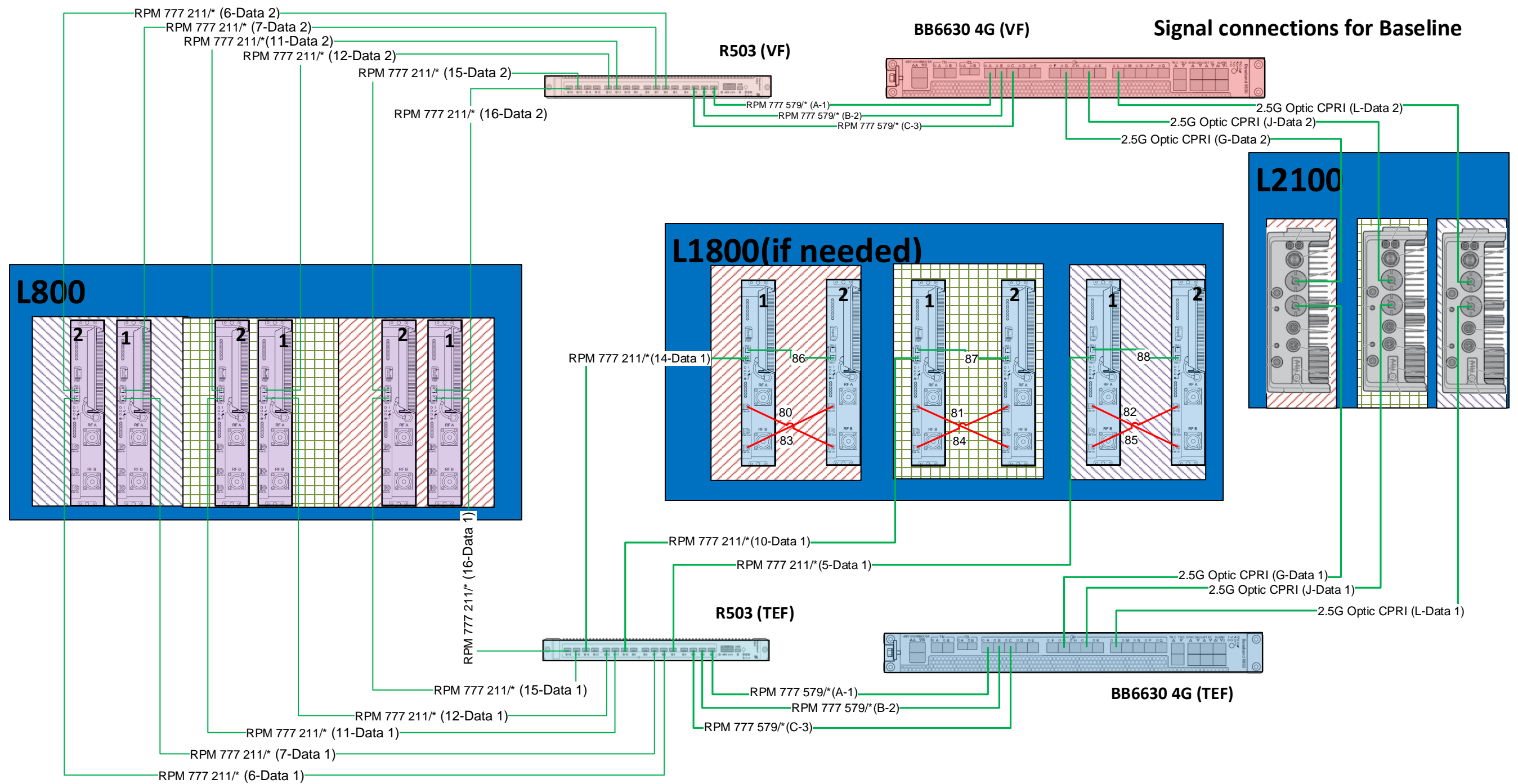
TSR 951 357/1500



Outdoor 20W L18 Small SF
Outdoor 20W L18 Small SF Retrofit

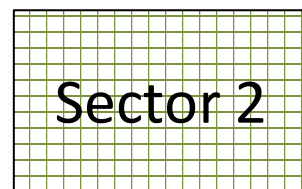






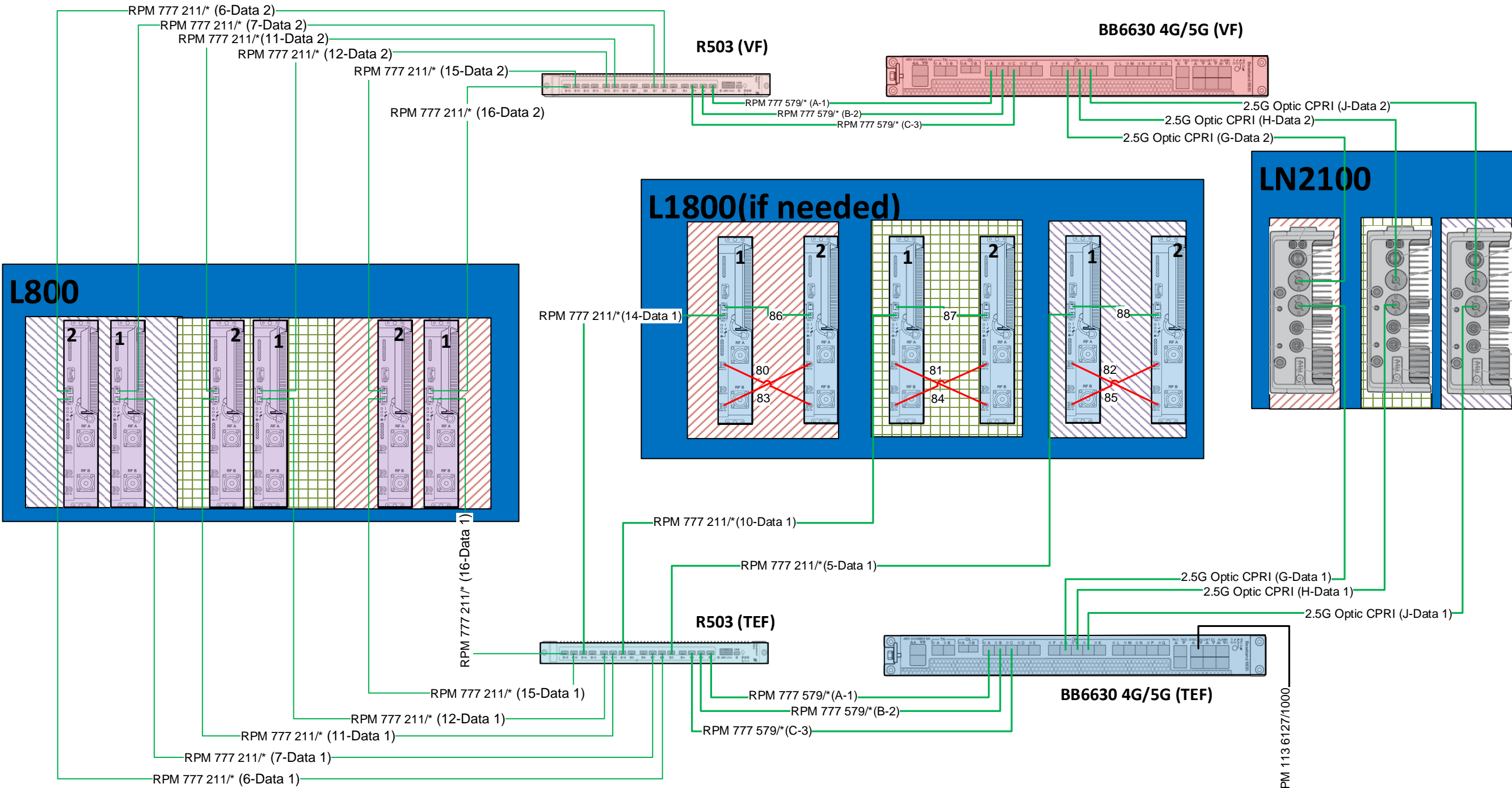
Items 86-88 - RPM 777 274/00650 (Data 2 – Data 1)

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



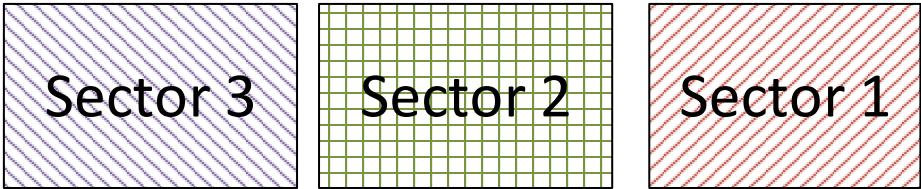
20W Stealth (Indoor or Outdoor)

Signal connections with N21 (Tef)

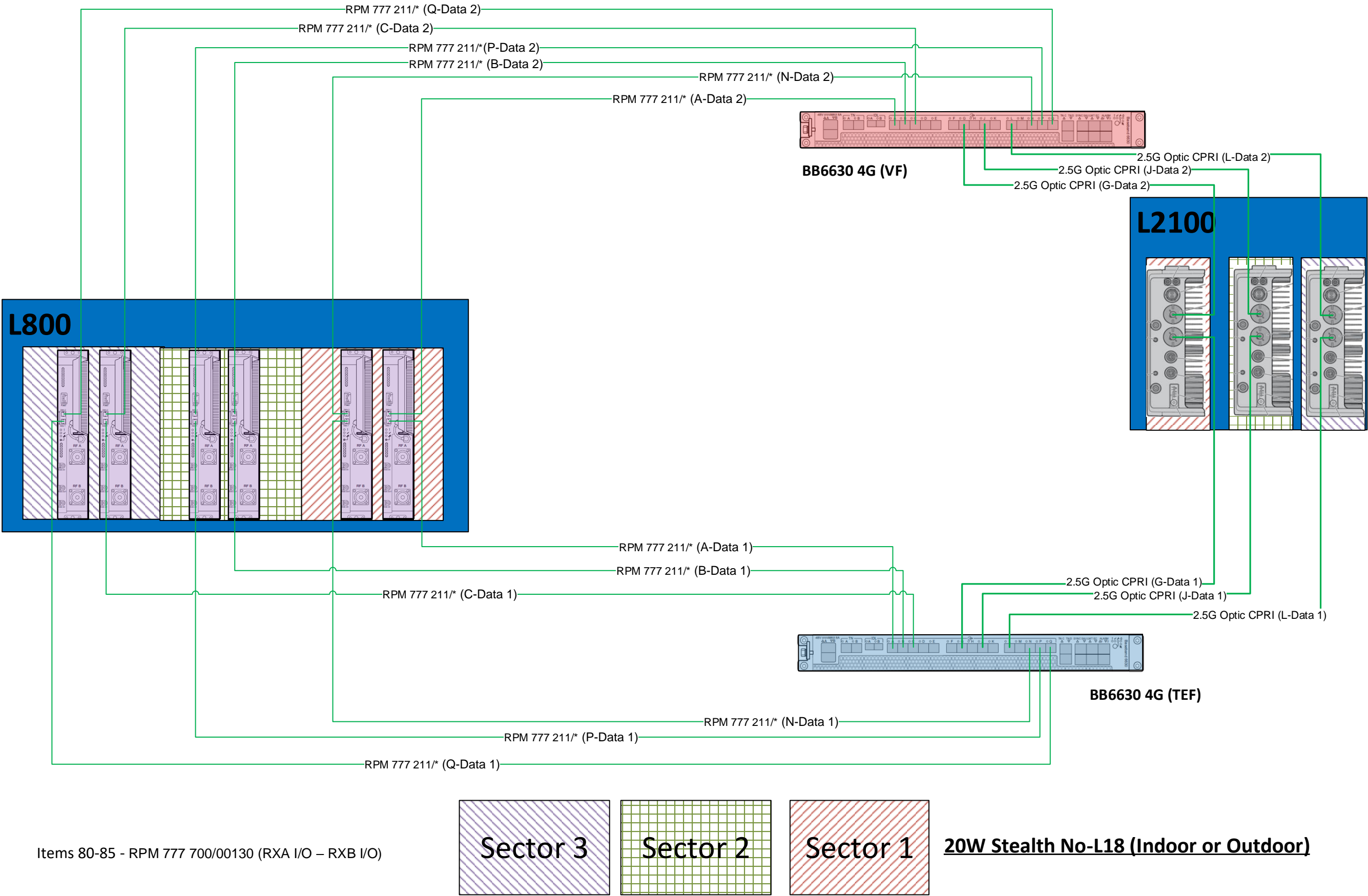


20W Stealth (Indoor or Outdoor)

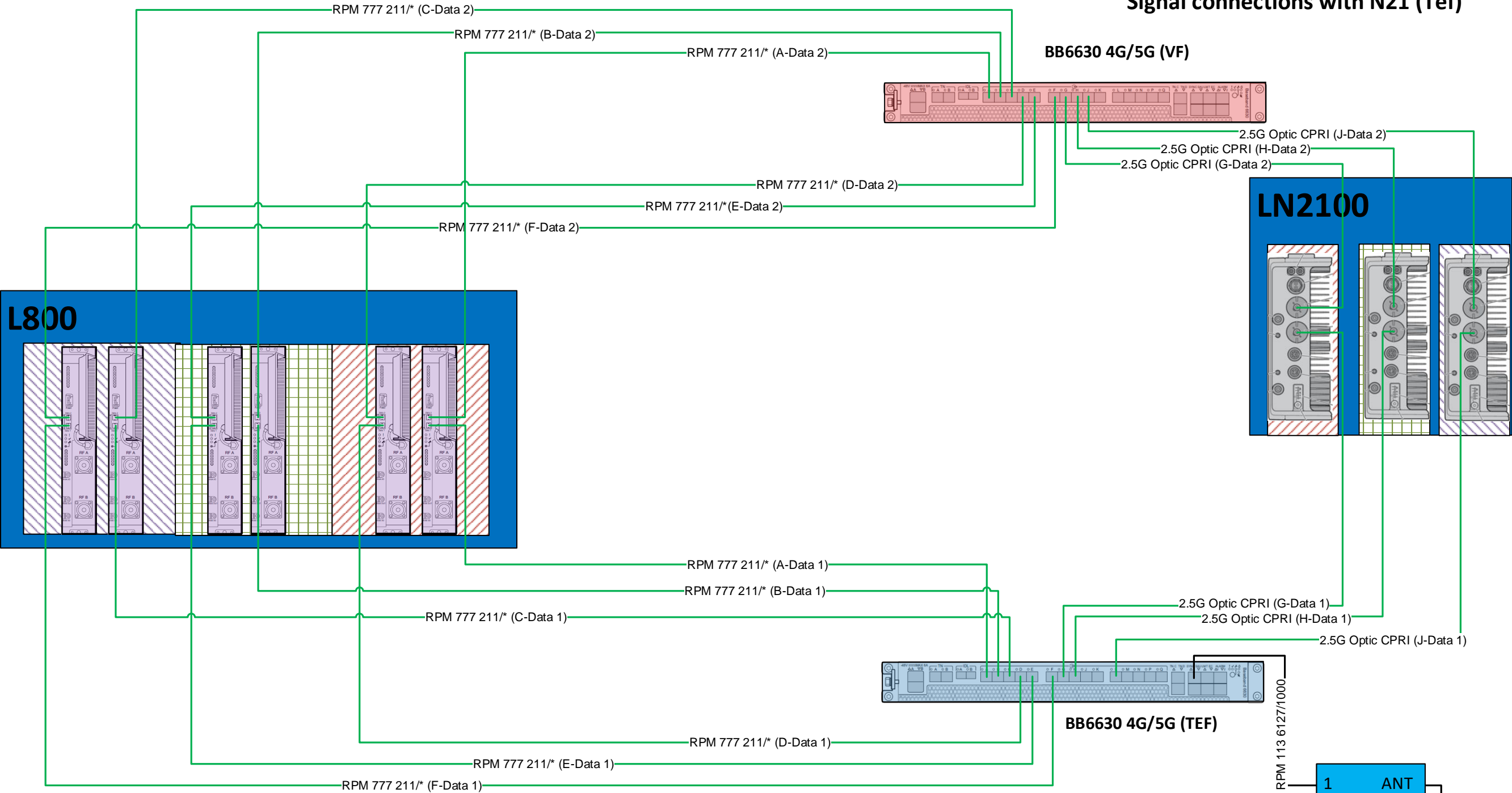
Items 86-88 - RPM 777 274/00650 (Data 2 – Data 1)
Items 80-85 - RPM 777 700/00130 (RXA I/O – RXB I/O)



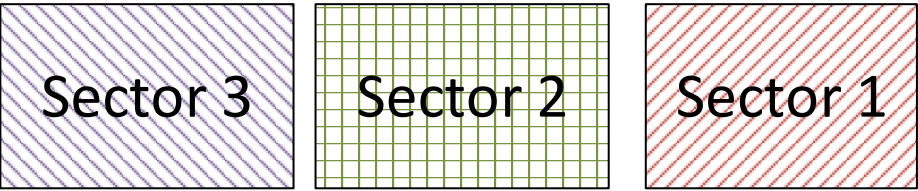
Signal connections for Baseline



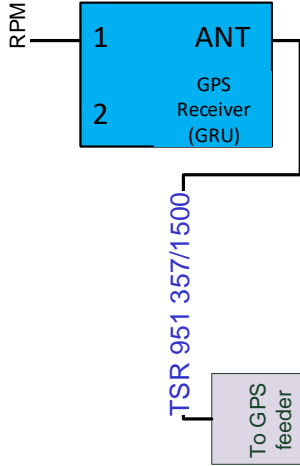
Signal connections with N21 (Tef)



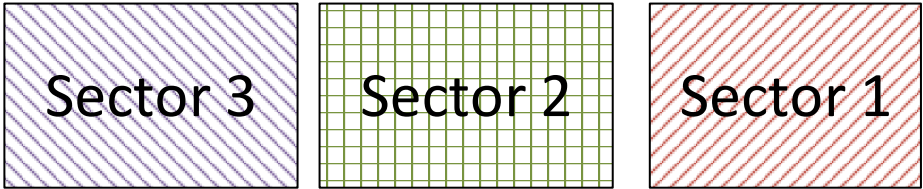
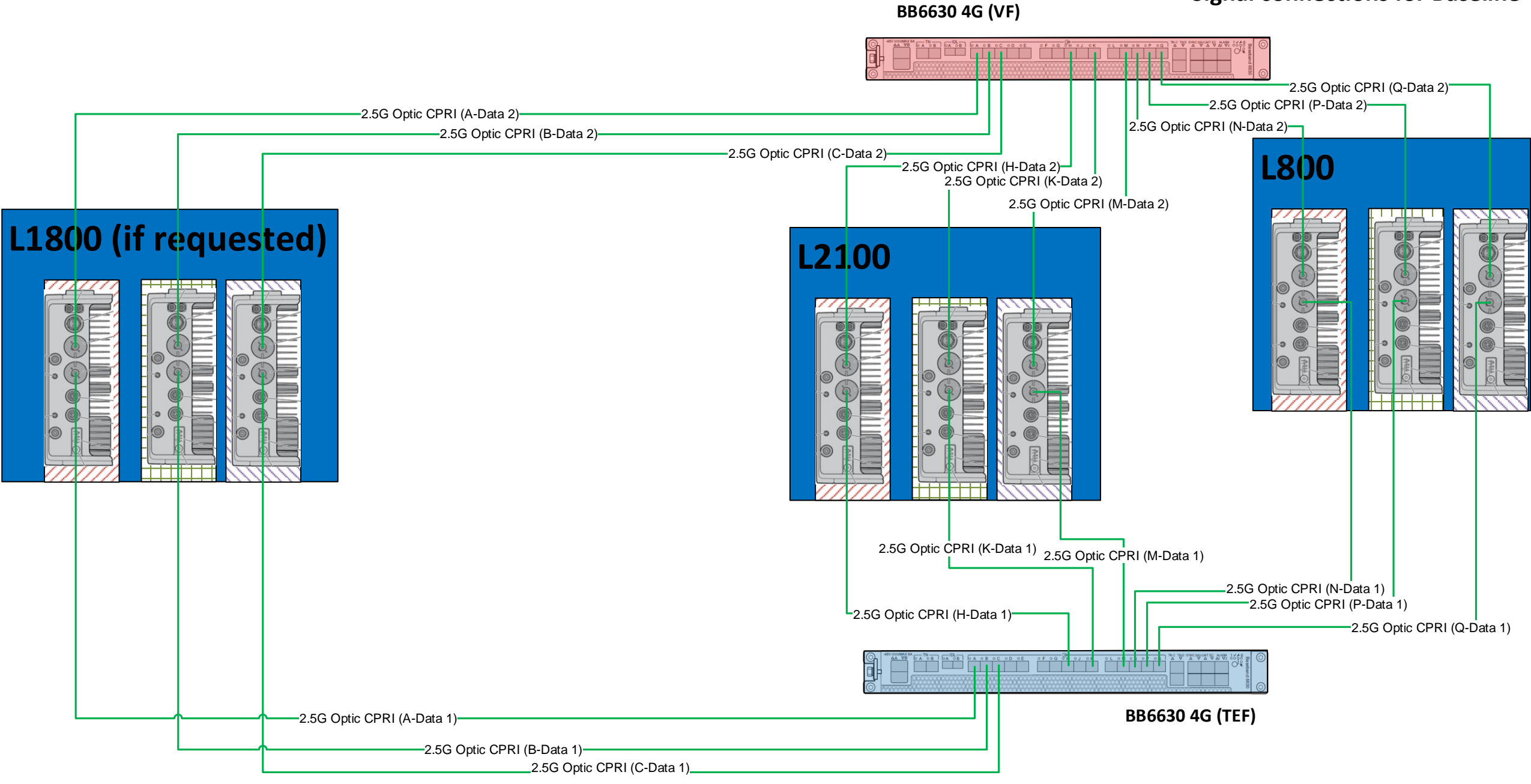
20W Stealth No-L18 (Indoor or Outdoor)



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

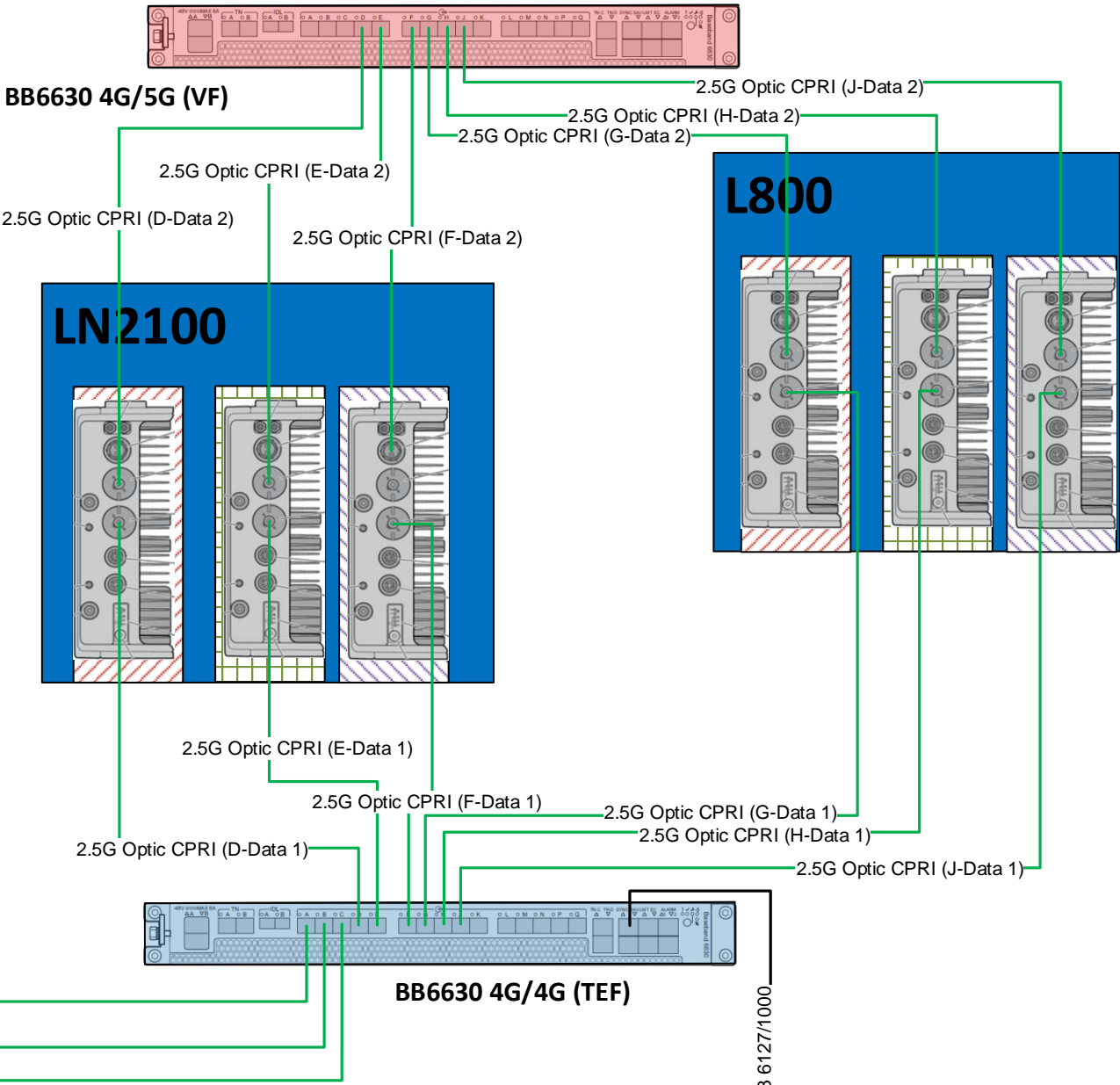
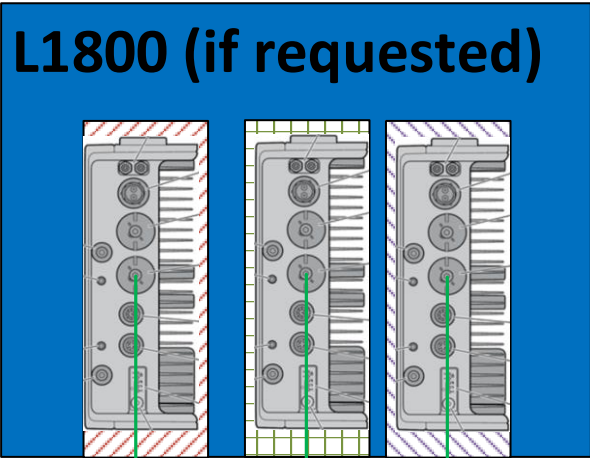


Signal connections for Baseline

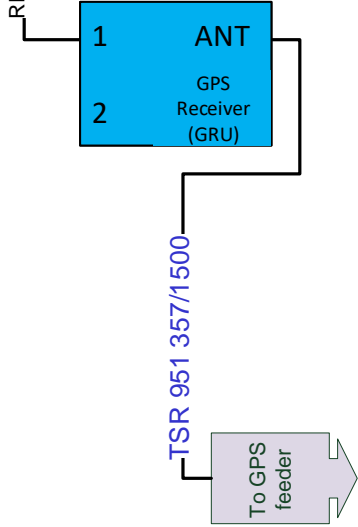
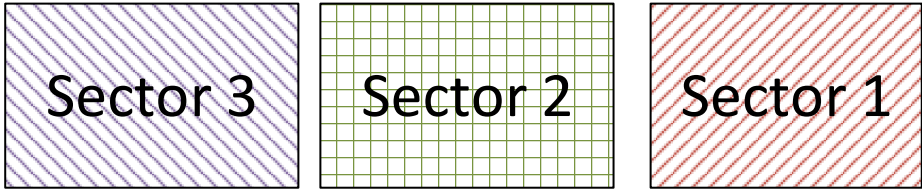


Option 2 – Lancaster
Outdoor 20W Stealth
Outdoor 20W Stealth No-L18

Signal connections with N21 (Tef)

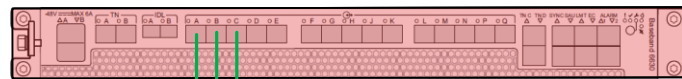


Option 2 – Lancaster
Outdoor 20W Stealth
Outdoor 20W Stealth No-L18



BB6630 4G (VF)

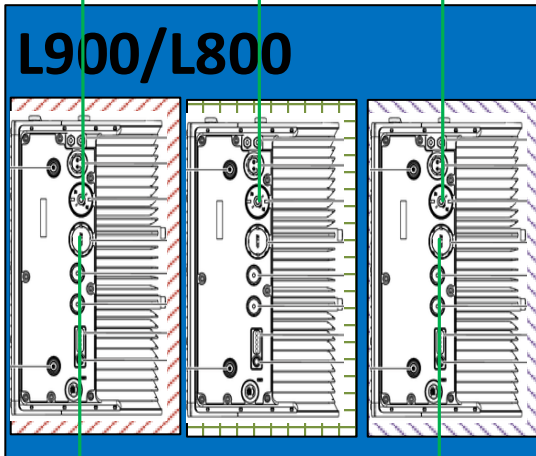
Signal connections for Baseline



2.5G Optic CPRI (B-Data 2)

2.5G Optic CPRI (A-Data 2)

2.5G Optic CPRI (C-Data 2)

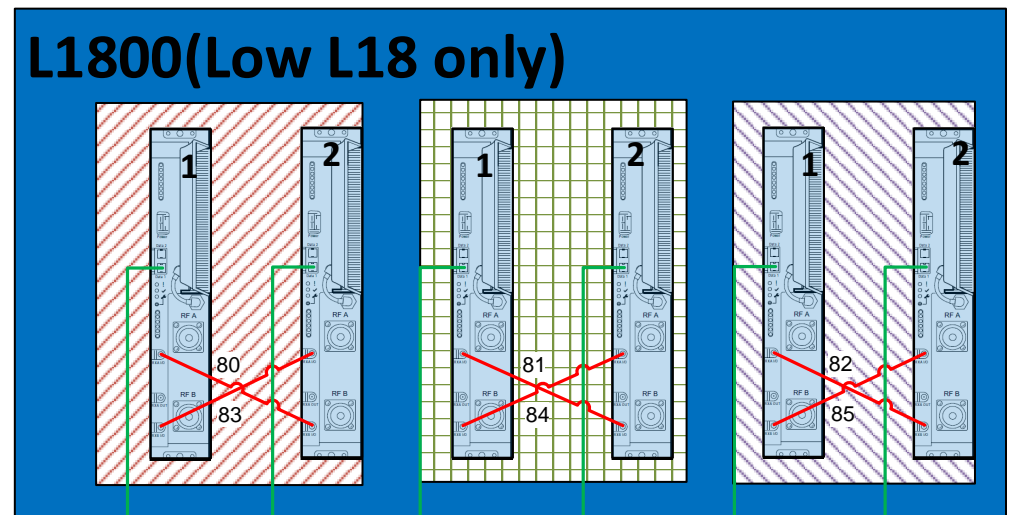


2.5G Optic CPRI (A-Data 1)

2.5G Optic CPRI (B-Data 1)

2.5G Optic CPRI (C-Data 1)

RPM 777 211/*(G-Data 1)



80

83

81

84

82

85

RPM 777 211/*(H-Data 1)

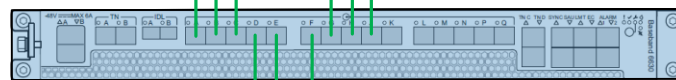
RPM 777 211/*(J-Data 1)

RPM 777 211/*(F-Data 1)

RPM 777 211/*(E-Data 1)

RPM 777 211/*(D-Data 1)

BB6630 4G (TEF)



Indoor or Outdoor:

20W Low

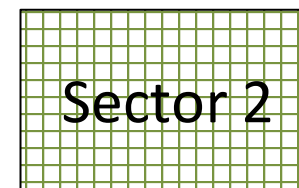
20W Low L18

20W Low UNLR

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



Sector 3

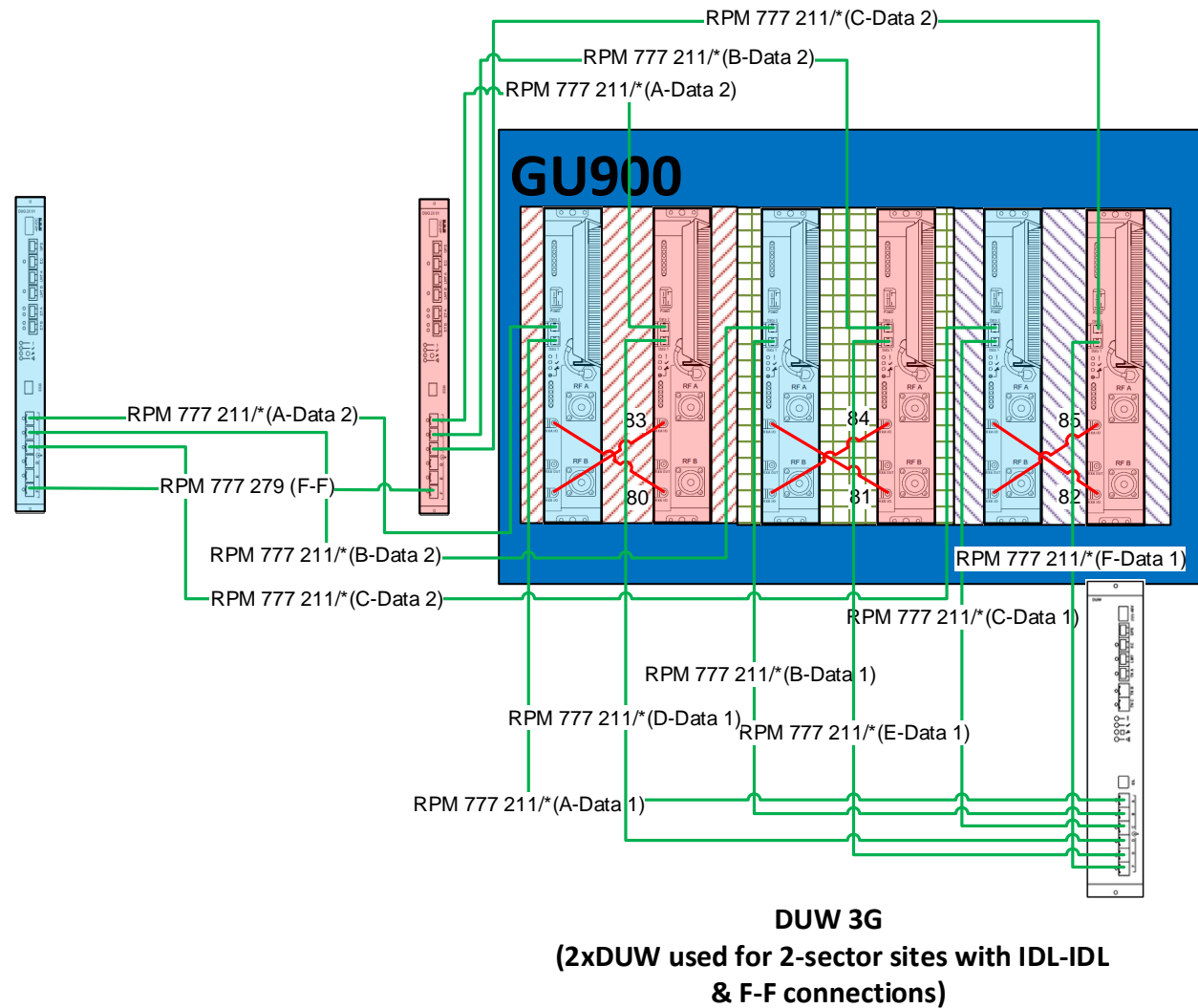
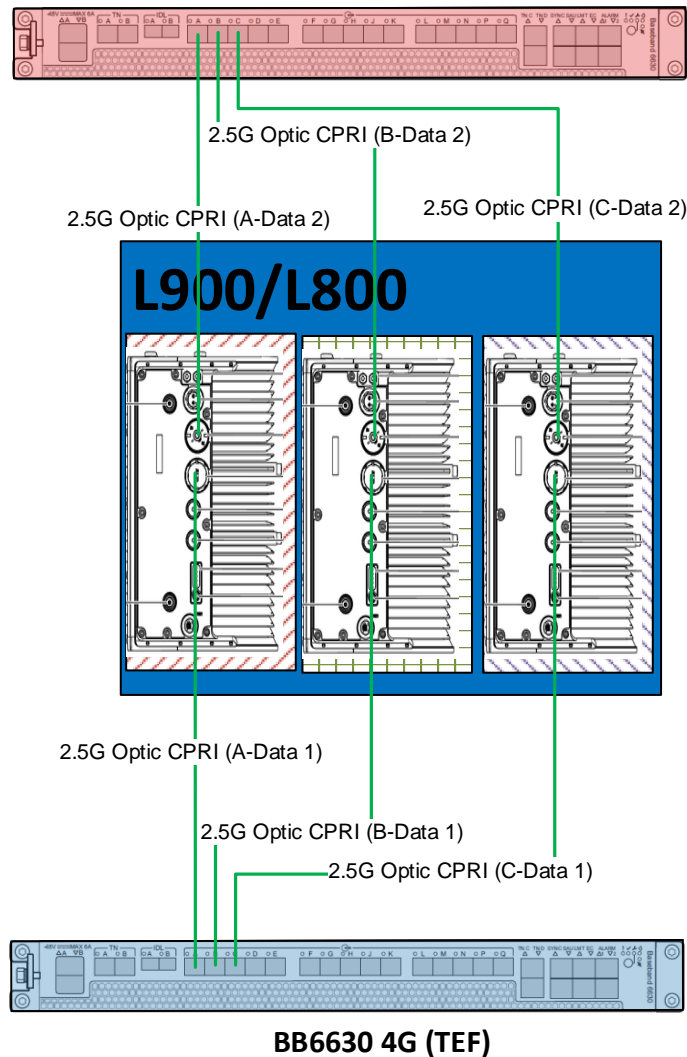


Sector 2

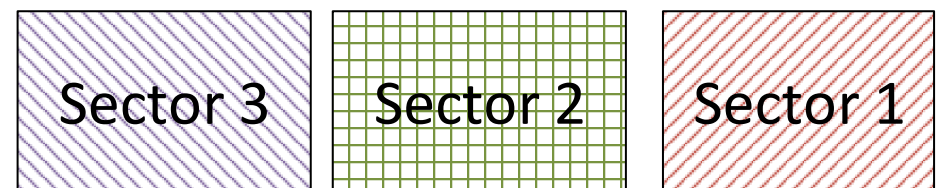


Sector 1

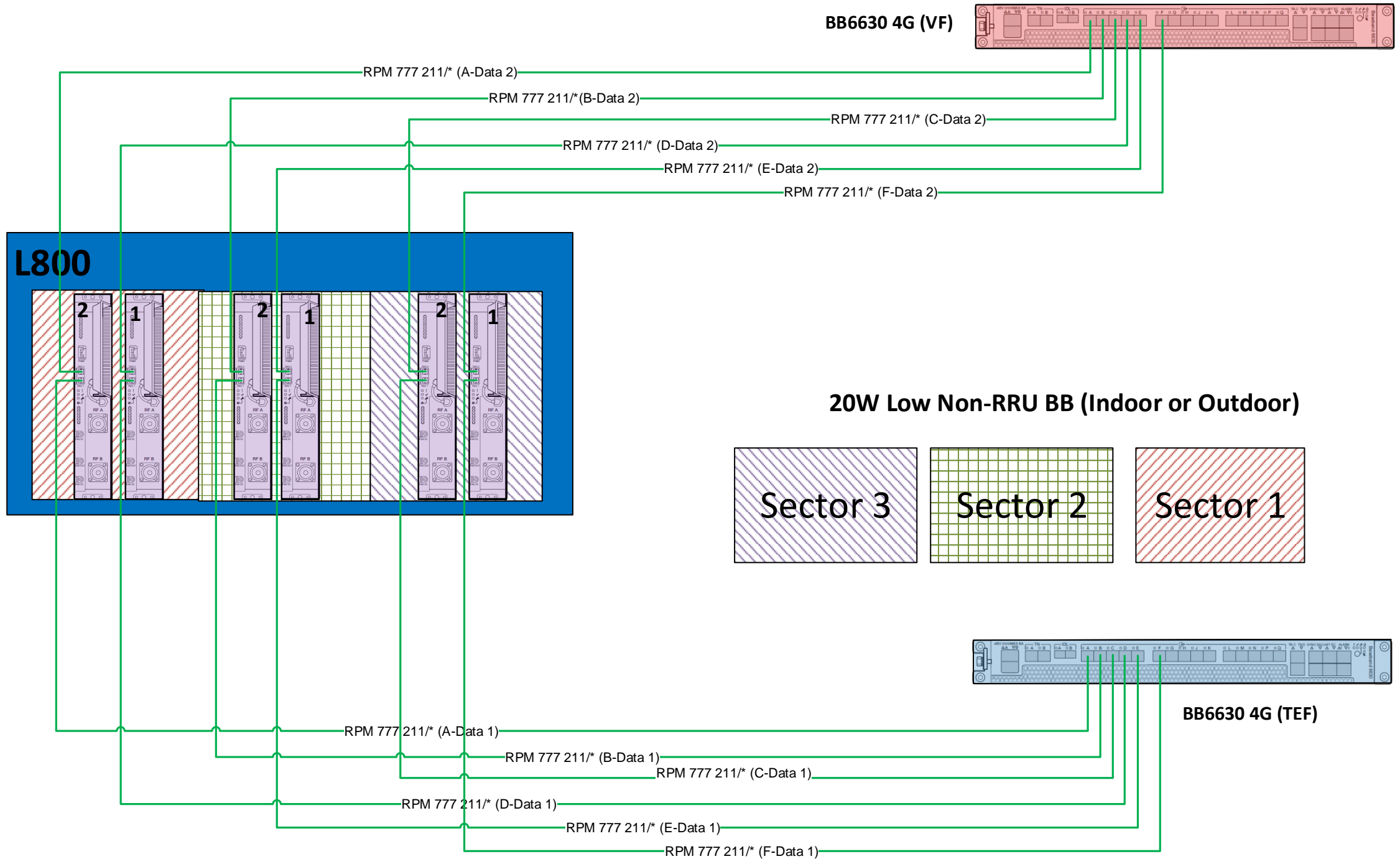
Signal connections for Baseline



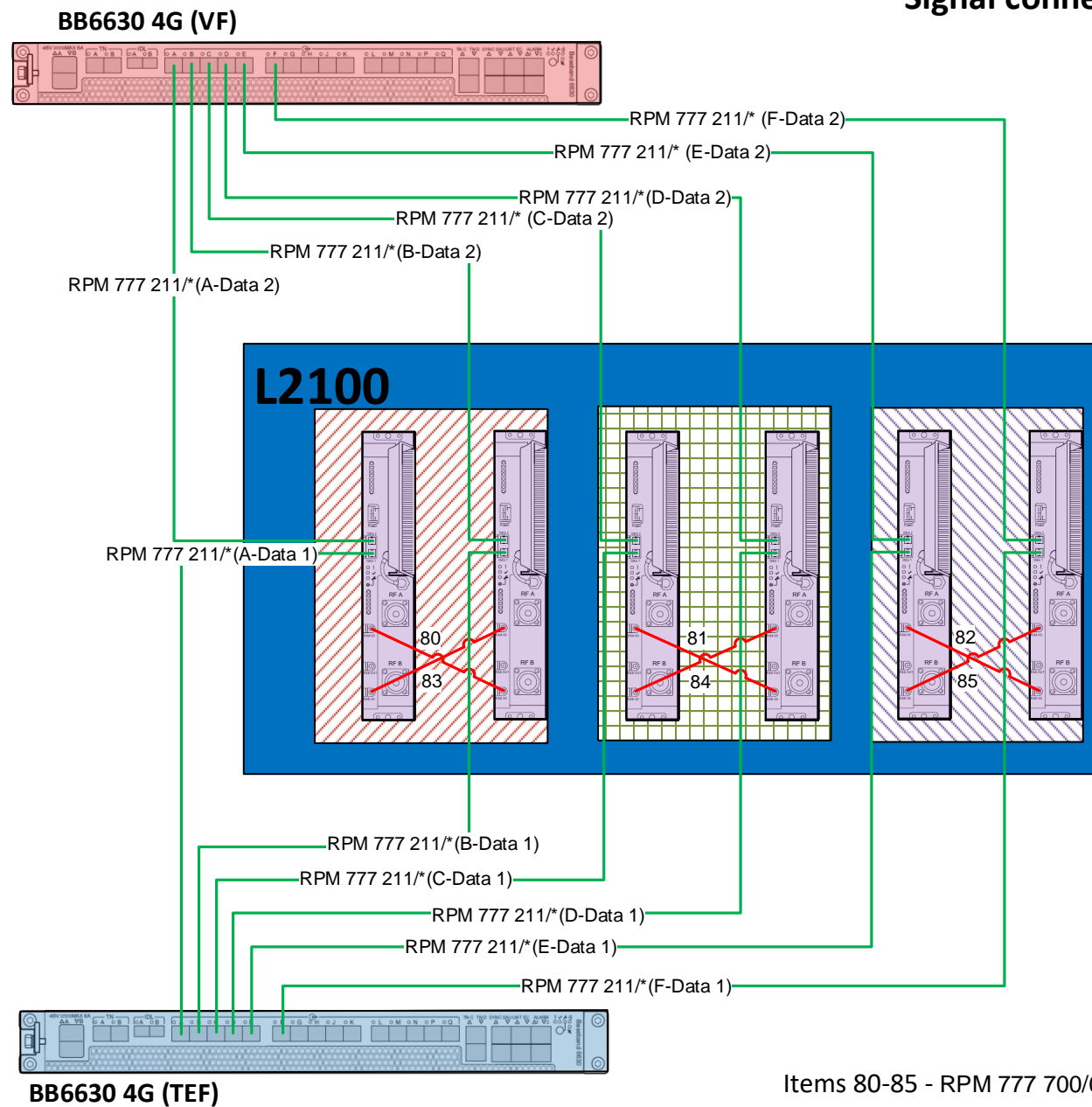
Items 80-85 - RPM 777 700/00130 (RXA I/O – RXB I/O)



Signal connections for Baseline



Signal connections for Baseline

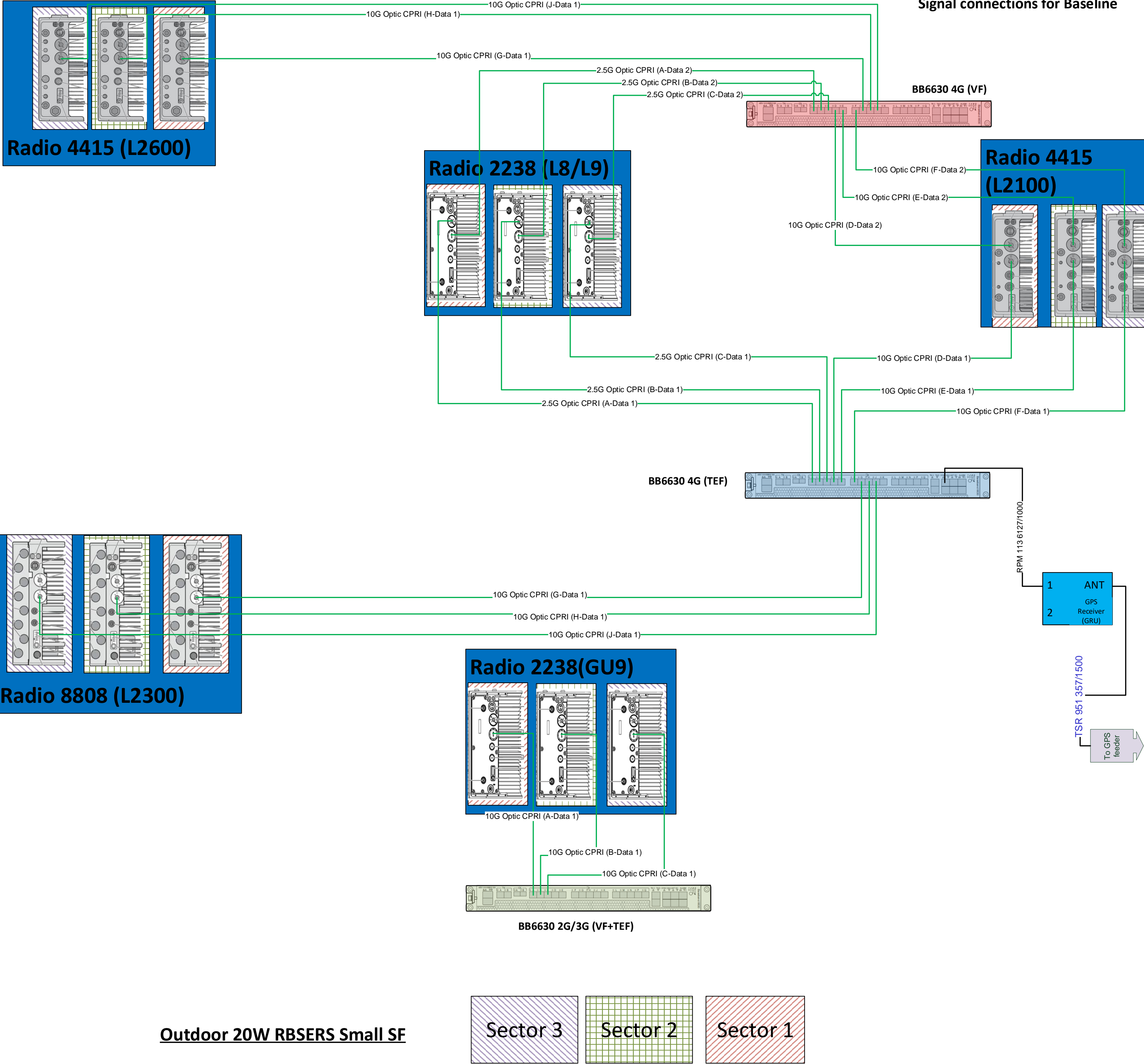


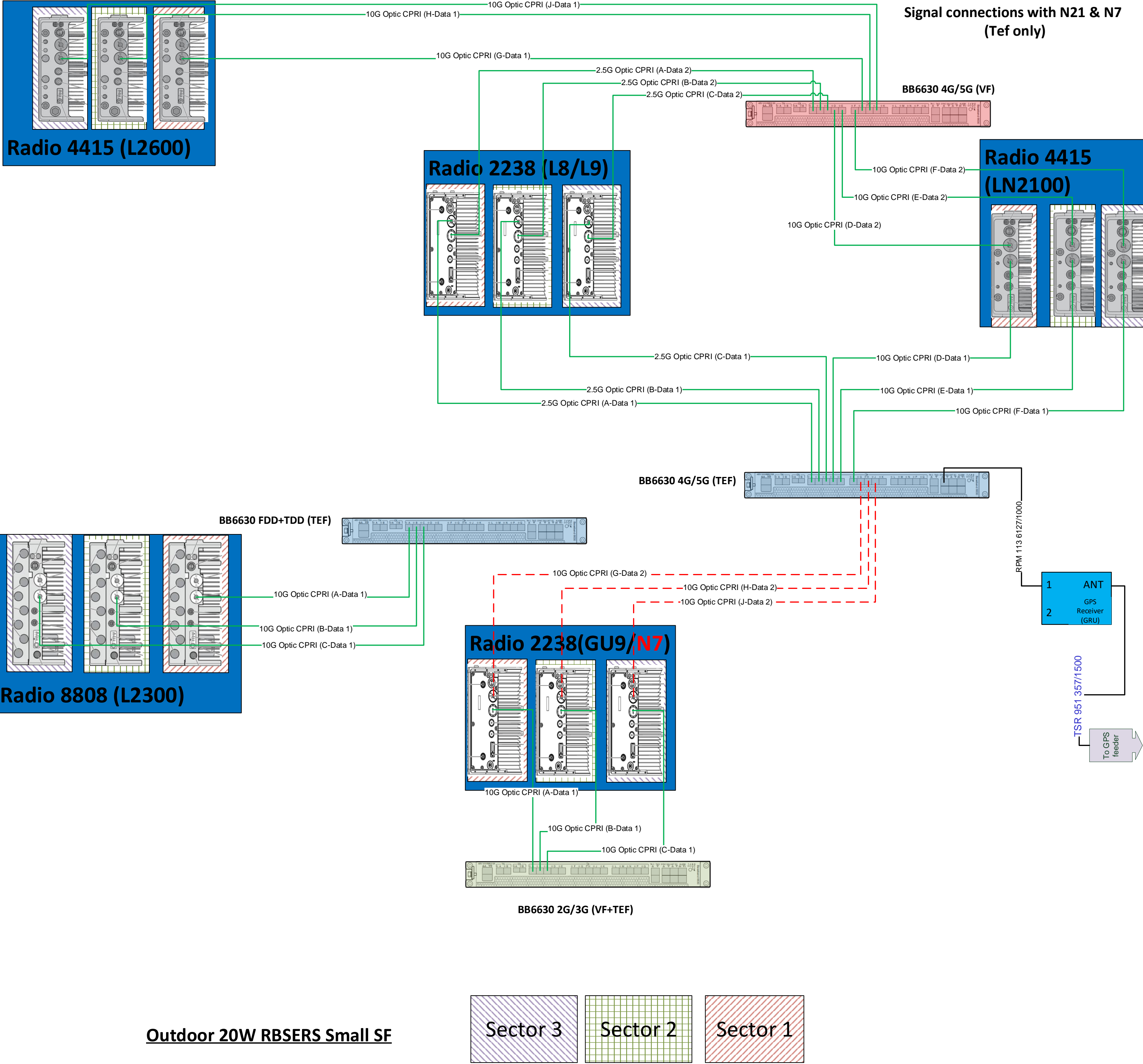
Outdoor 20W L2100 RUS UU21
Outdoor 20W L2100 RUS UU21 SF

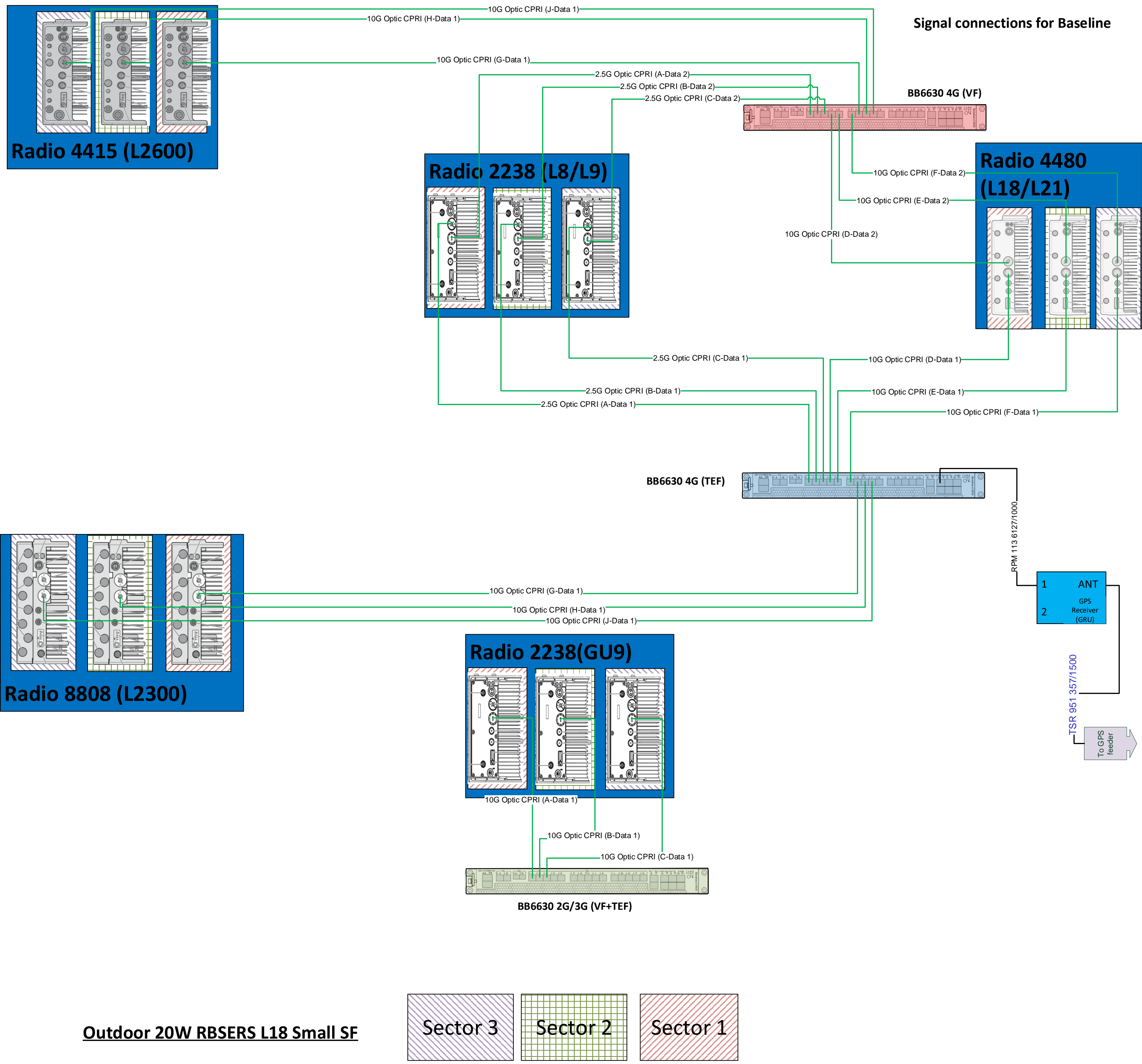
Sector 3

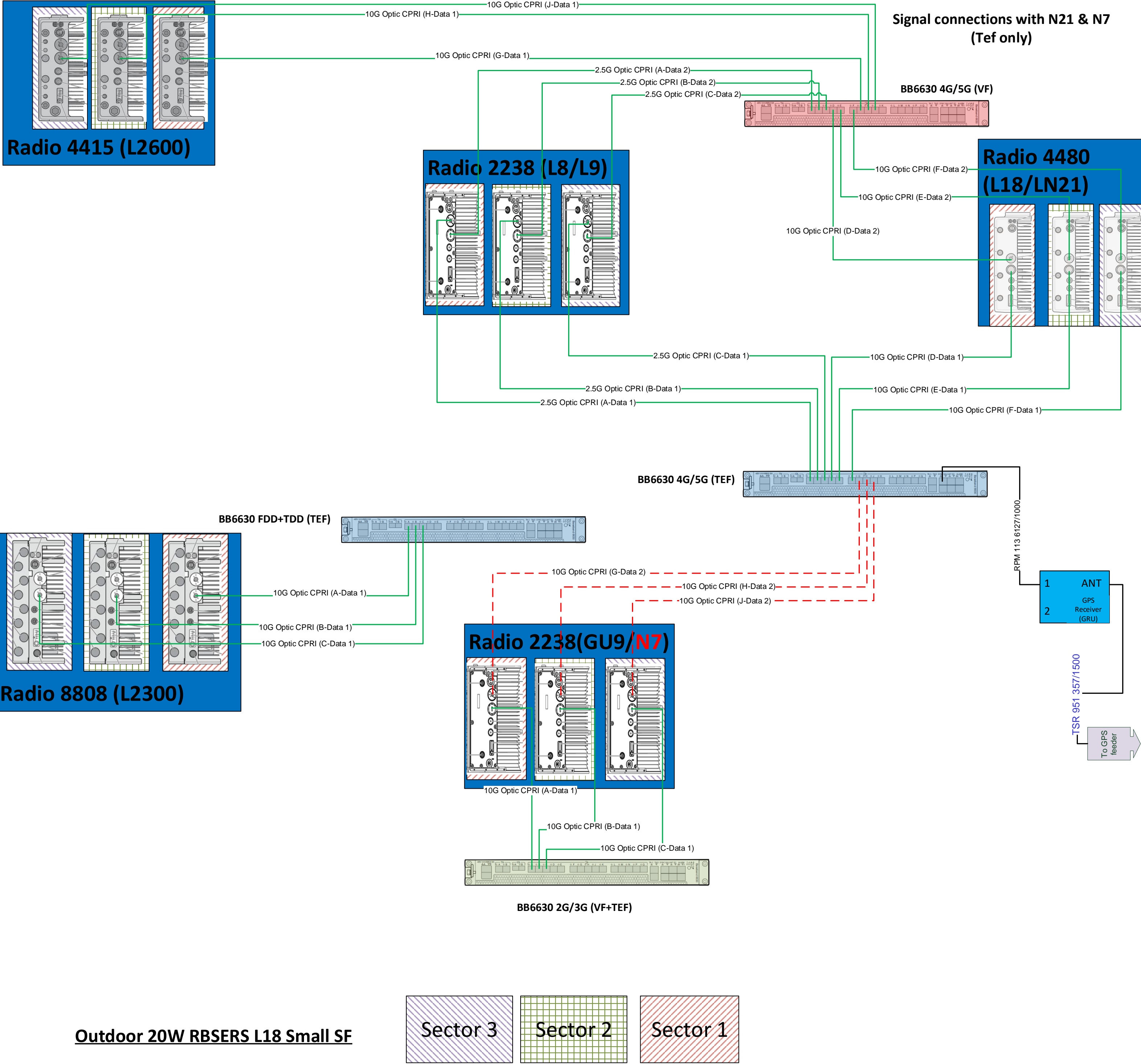
Sector 2

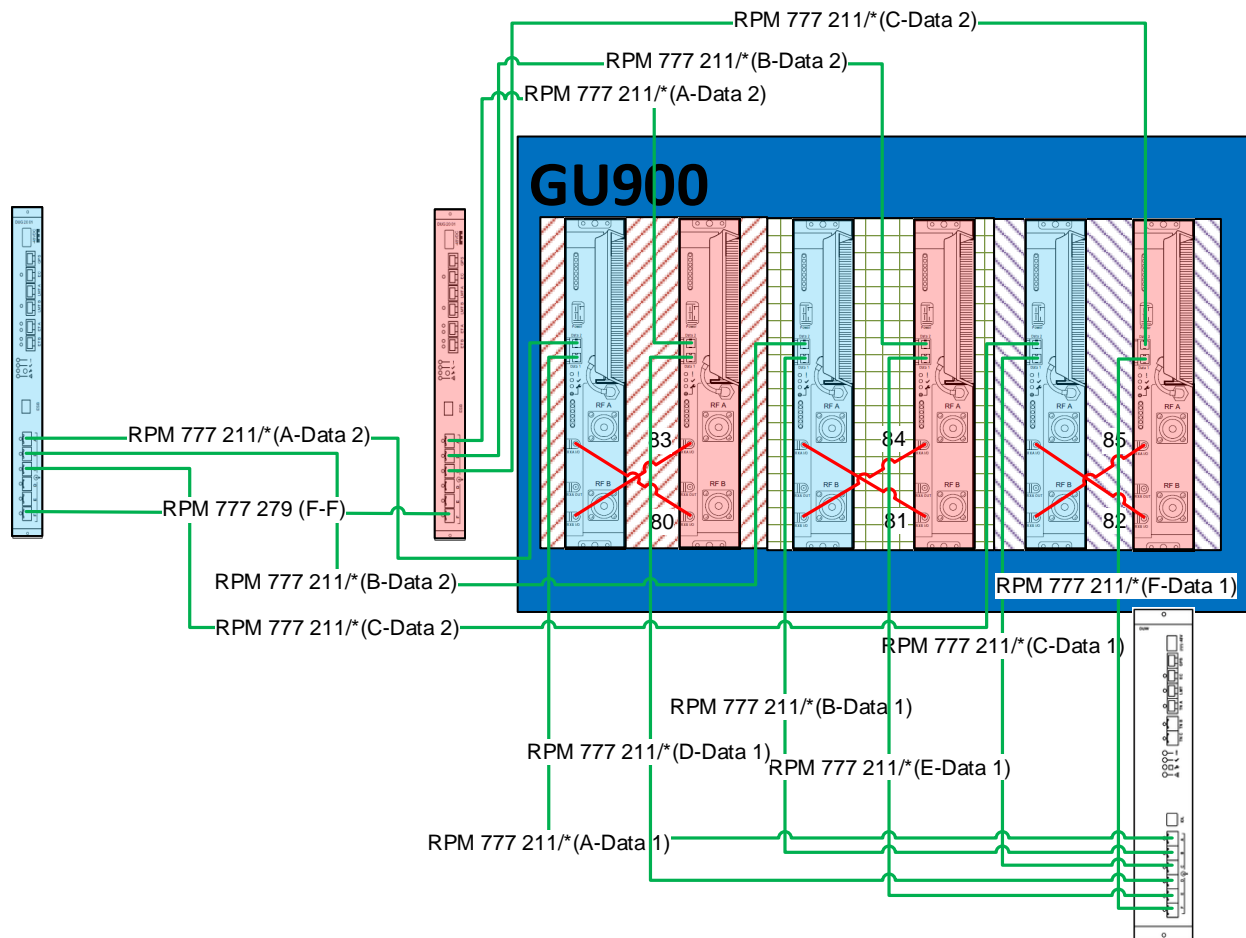
Sector 1



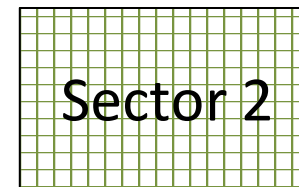


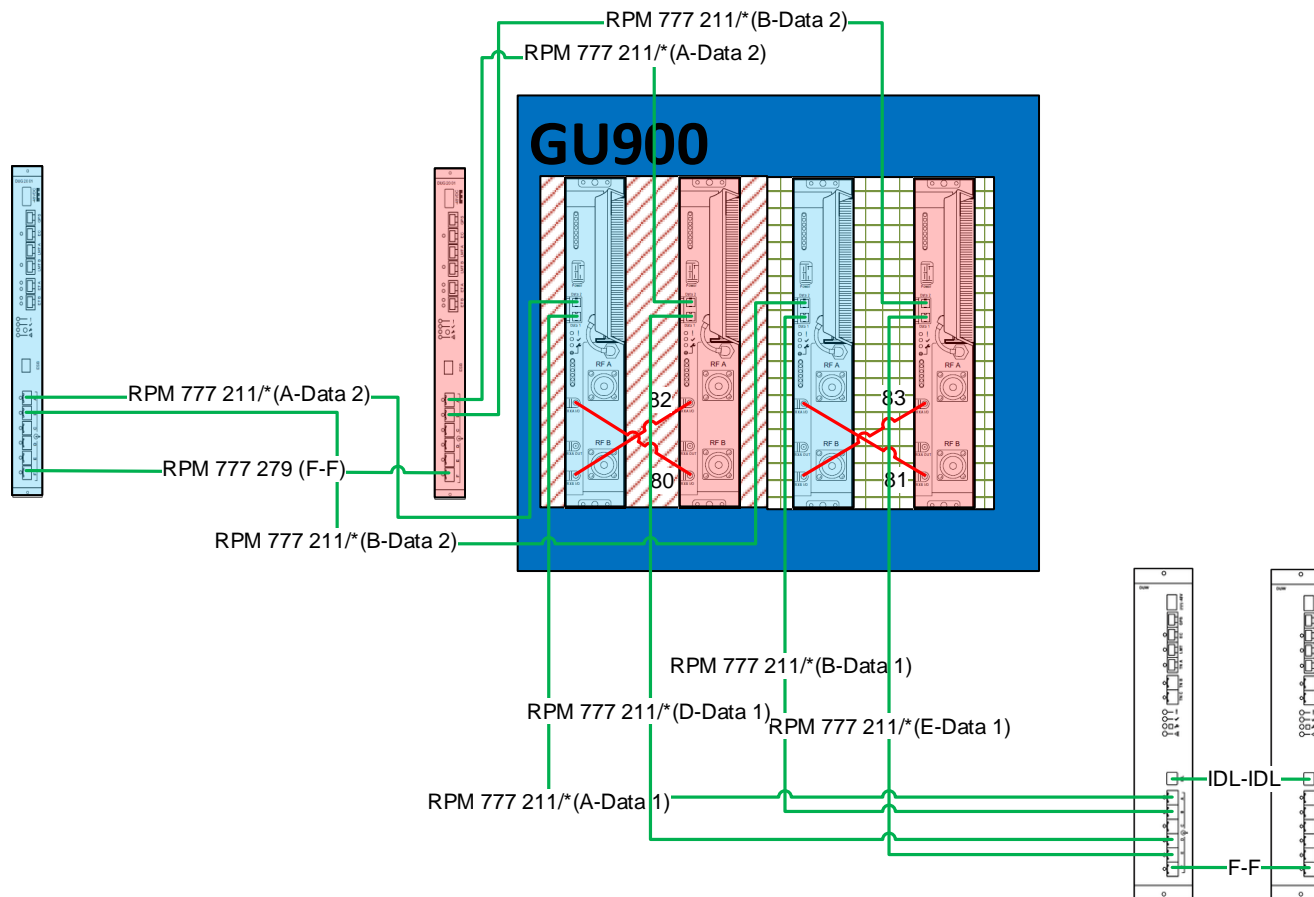






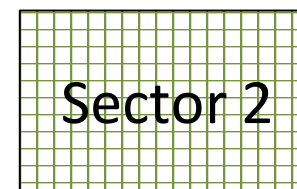
Signal connections for GU900 12W/20W (3-sector)
 Items 80-85 - RPM 777 700/00130 (RXA I/O – RXB I/O)



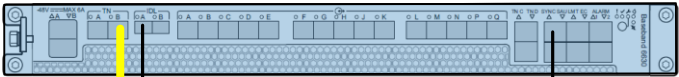


Signal connections for GU900 12W (2-sector)

Items 80-83 - RPM 777 700/00130 (RXA I/O – RXB I/O)



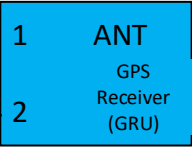
BB6630 4G (TEF)



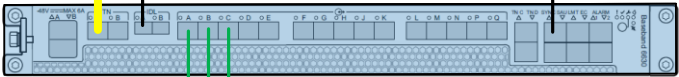
10G Optic (TN B- TN A)
(IDL A- IDL A)

RPM 113 6127/1000(1-SYNC)

RPM 113 6127/1000(2-SYNC)



BB6630 5G (TEF)

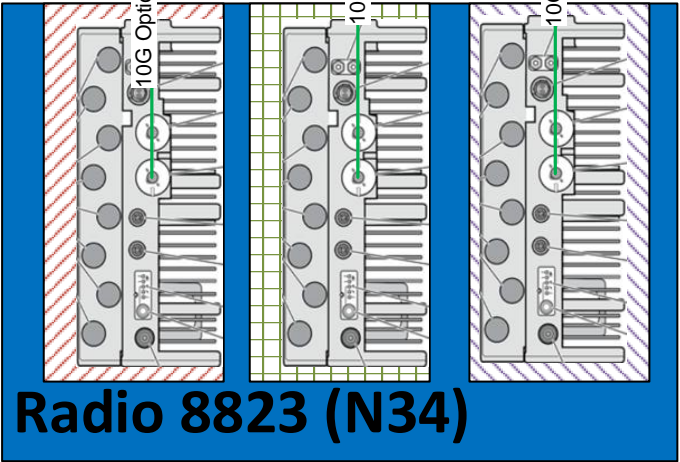


10G Optic CPRI (A-Data 1)

10G Optic CPRI (B-Data 1)

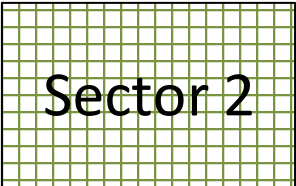
10G Optic CPRI (C-Data 1)

TSR 951 357/1500

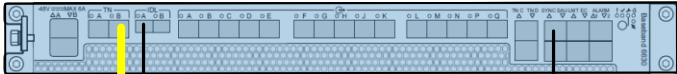


Radio 8823 (N34)

Signal connections for 5G 8x8 (TEF)



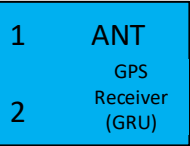
BB6630 4G (TEF)



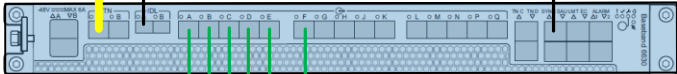
10G Optic (TN B- TN A)
(IDL A- IDLA)

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)

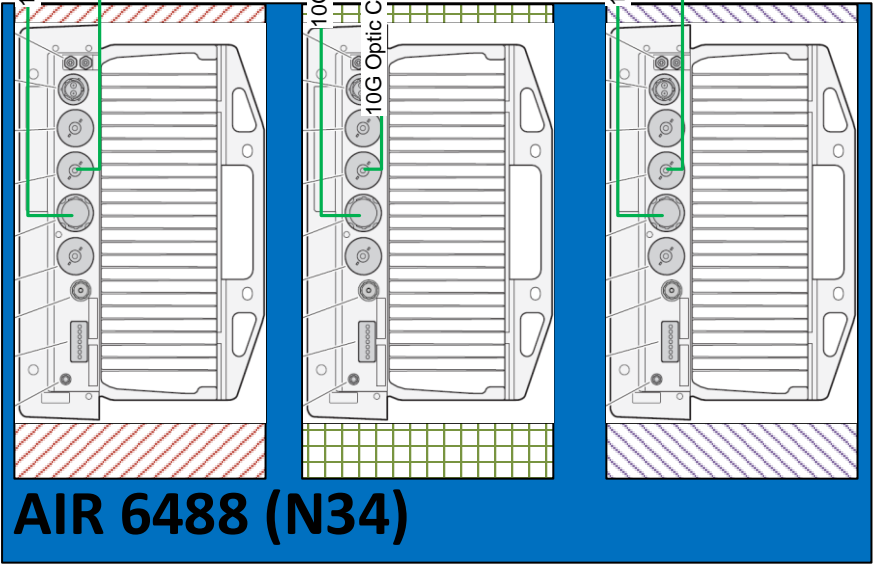
10G Optic CPRI (B-eCPRI 1)

10G Optic CPRI (E-eCPRI 2)

10G Optic CPRI (C-eCPRI 1)

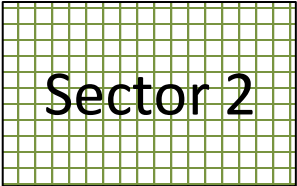
10G Optic CPRI (F-eCPRI 2)

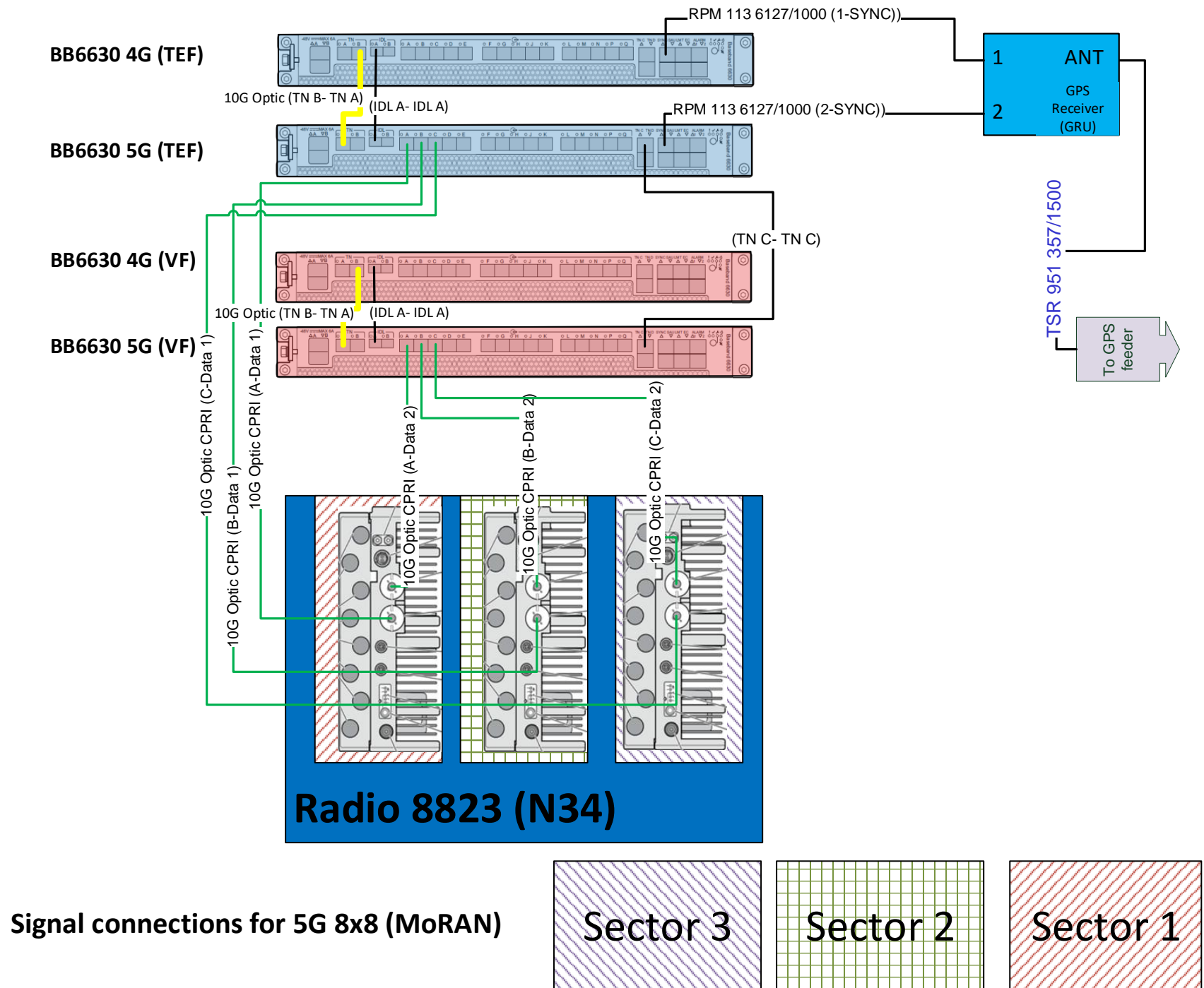
TSR 951 357/1500

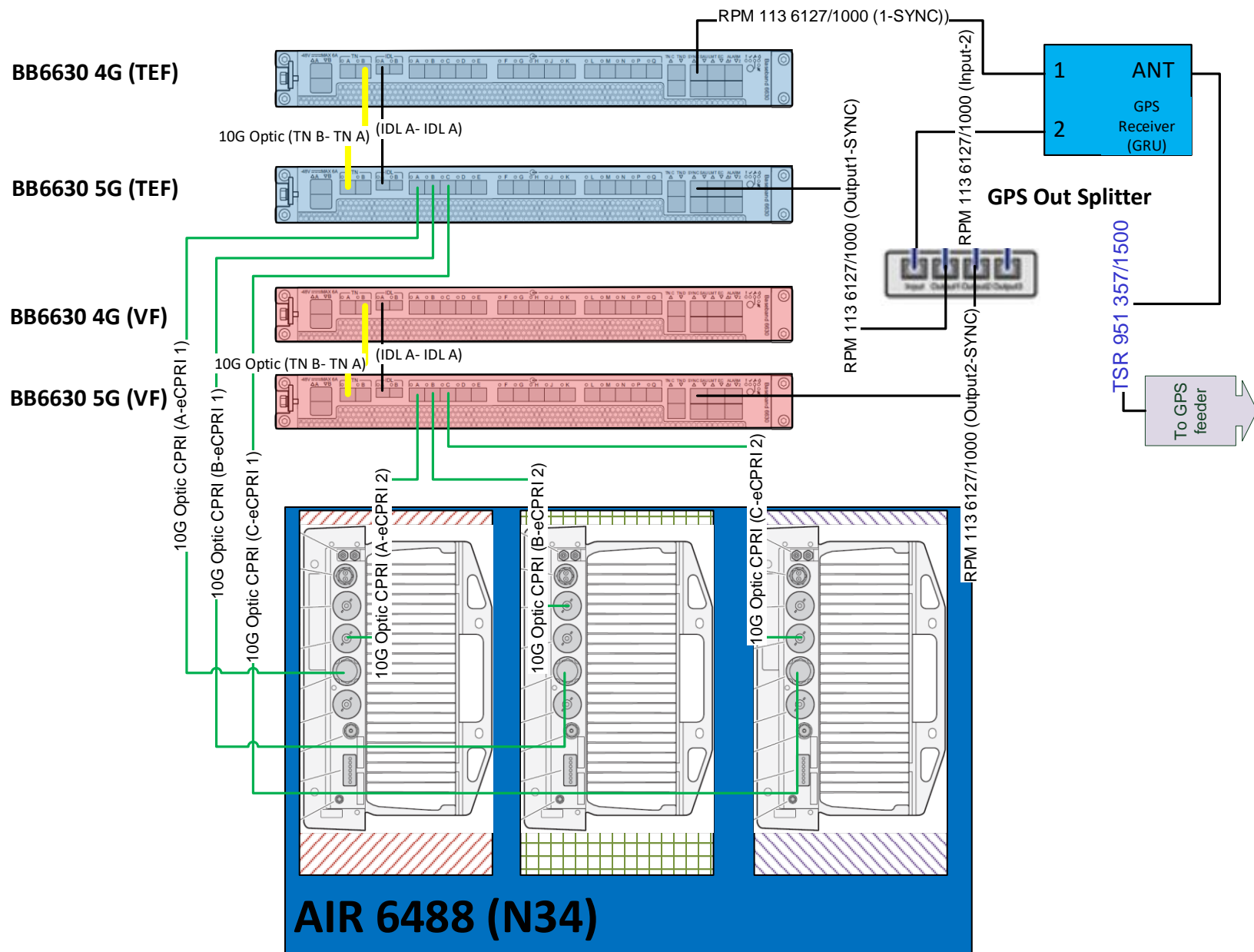


AIR 6488 (N34)

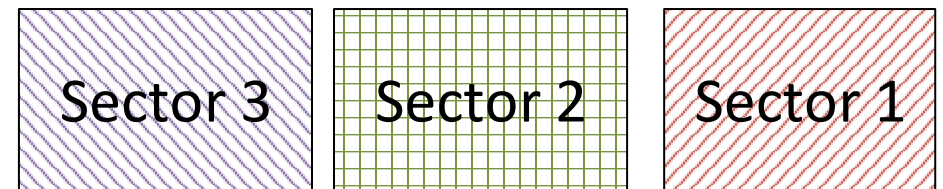
Signal connections for 5G M-MiMO (TEF)



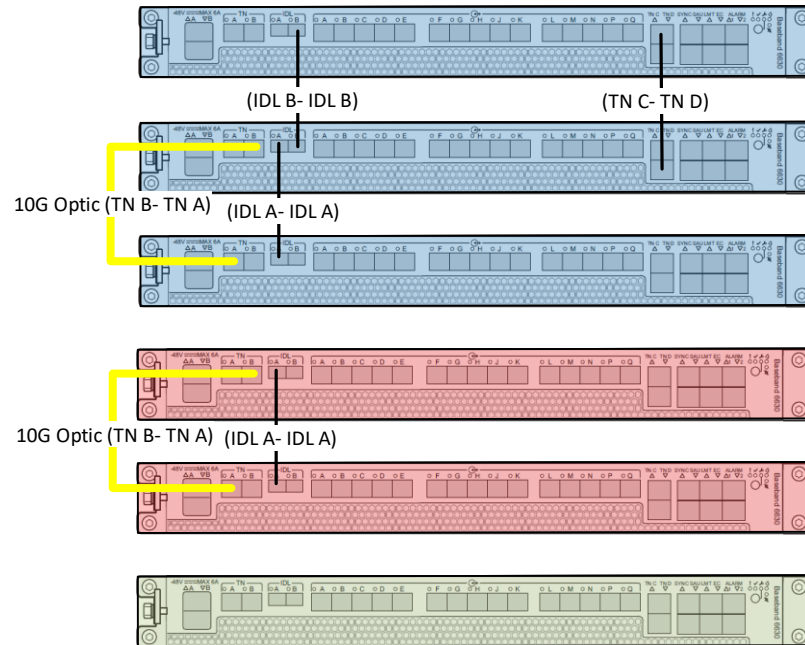




Signal connections for 5G M-MIMO (MoRAN)



Transmission connections For MoRAN

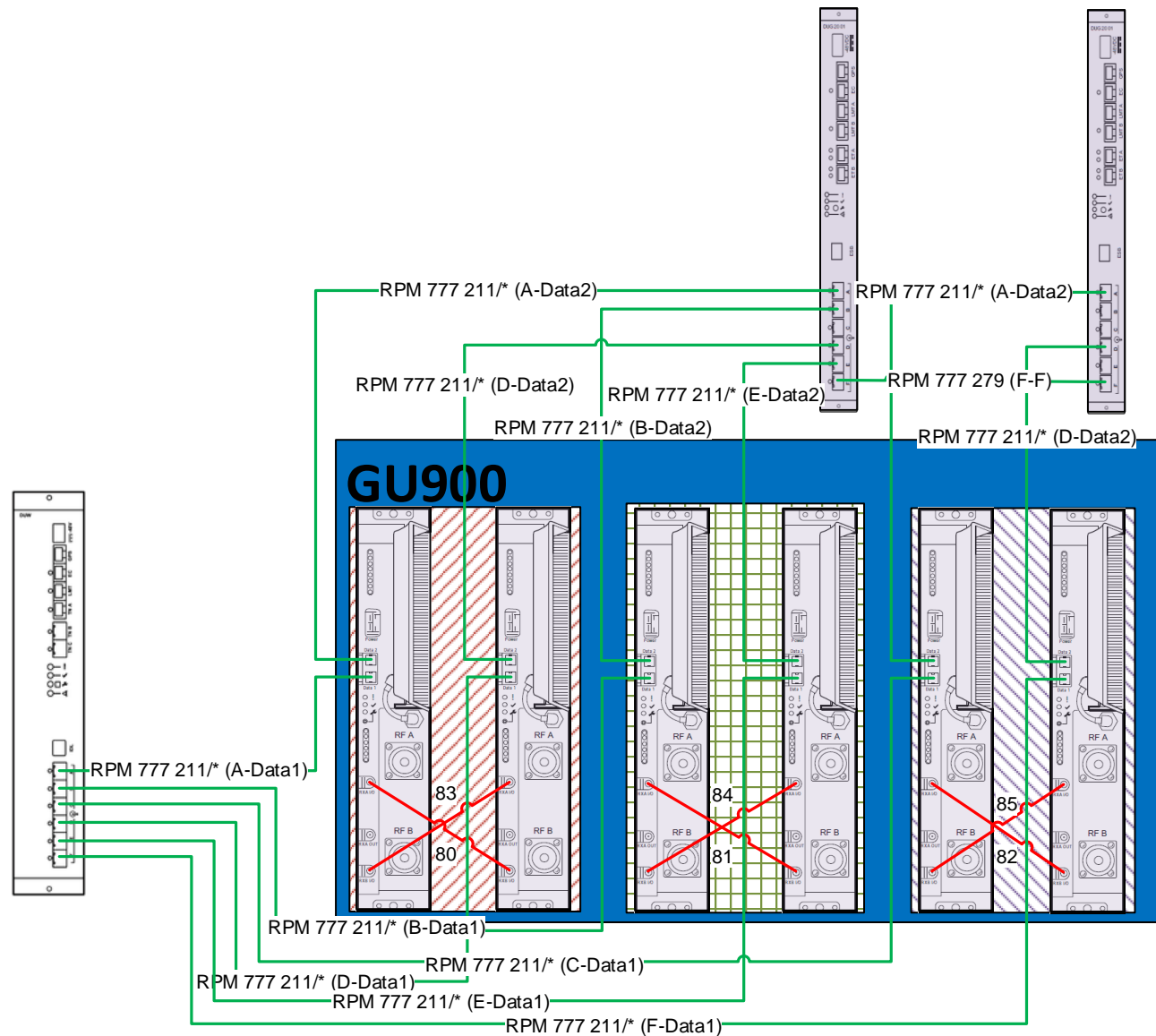


CABLE INSTRUCTIONS

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

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

