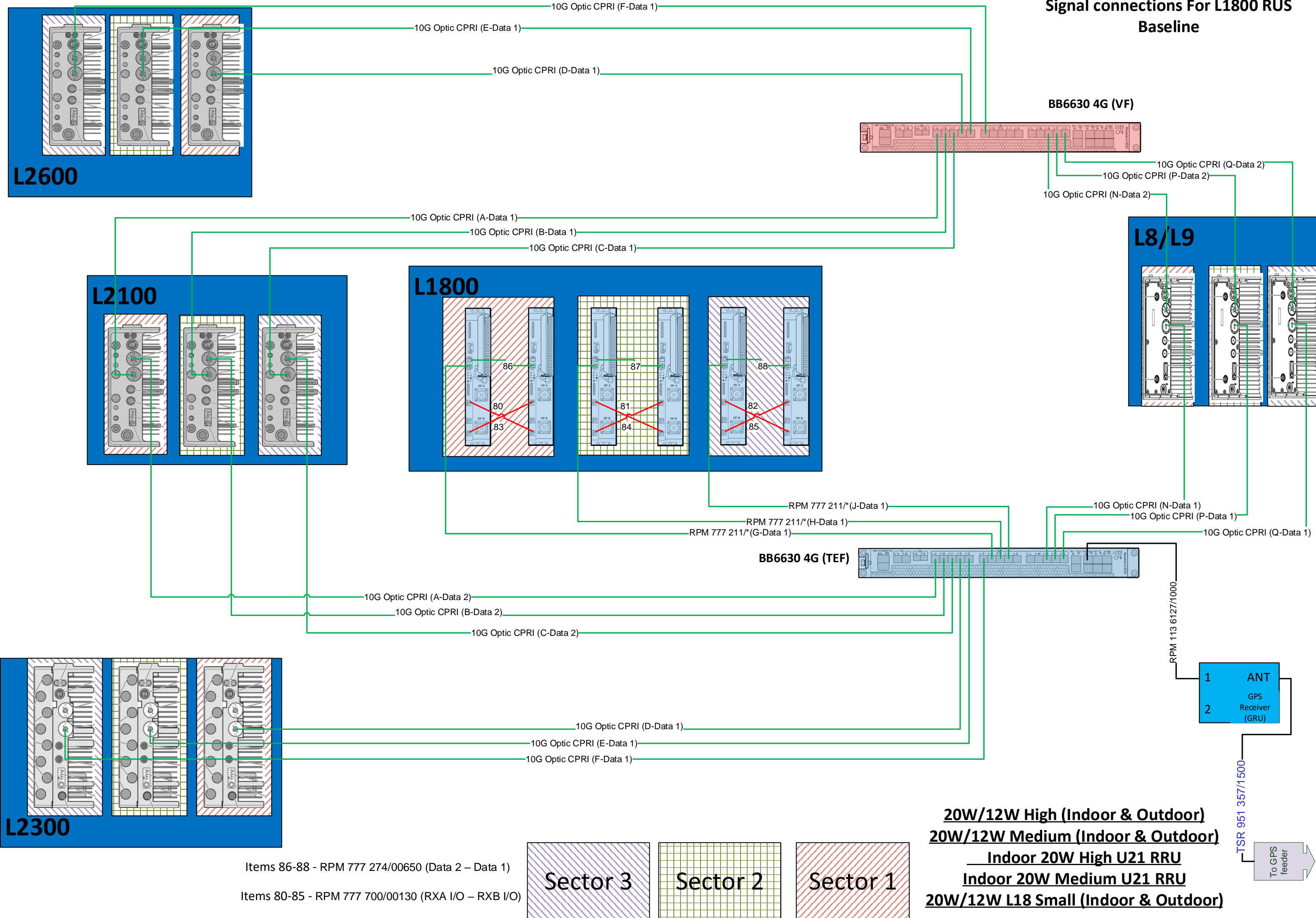
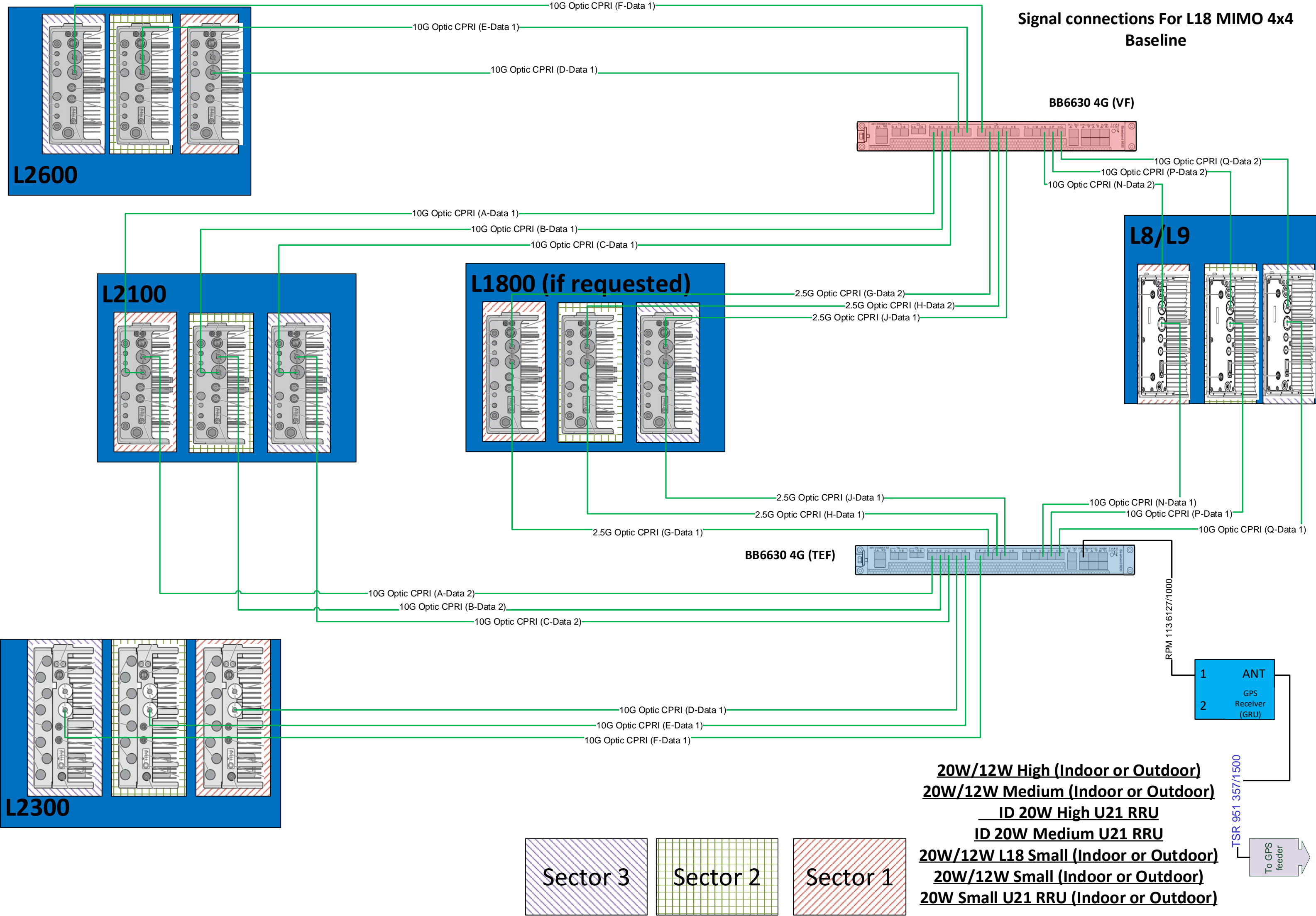
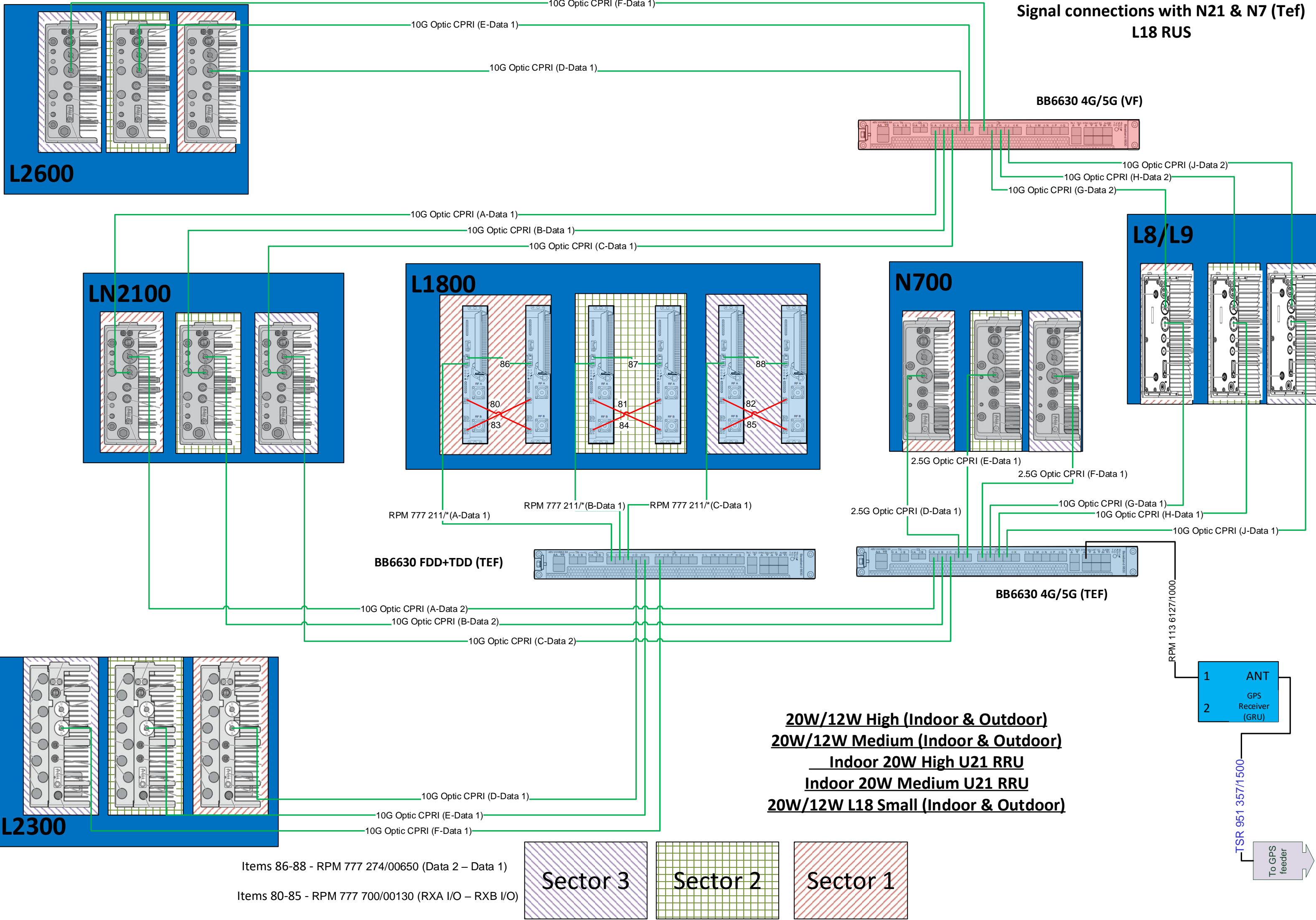
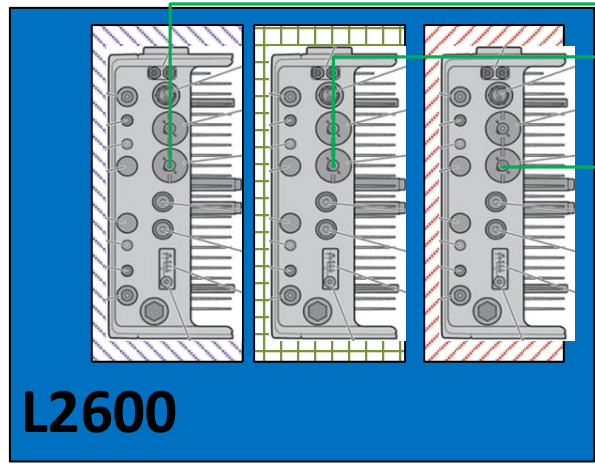


Signal connections For L1800 RUS Baseline

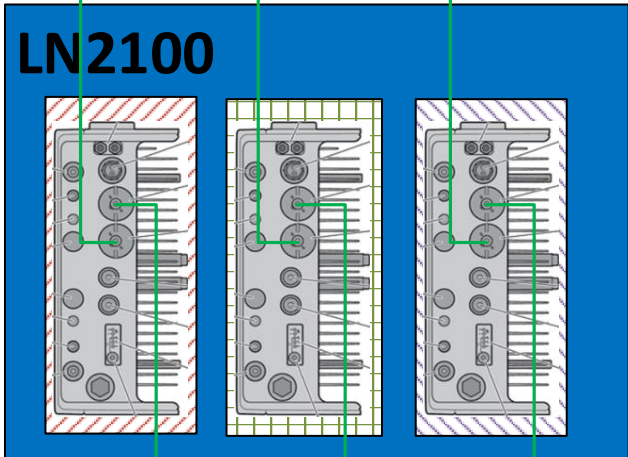




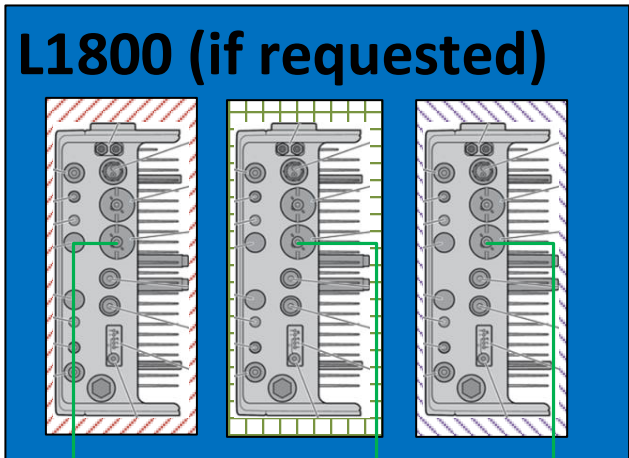




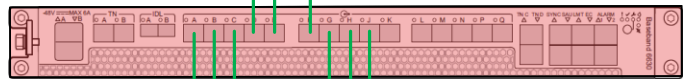
L2600



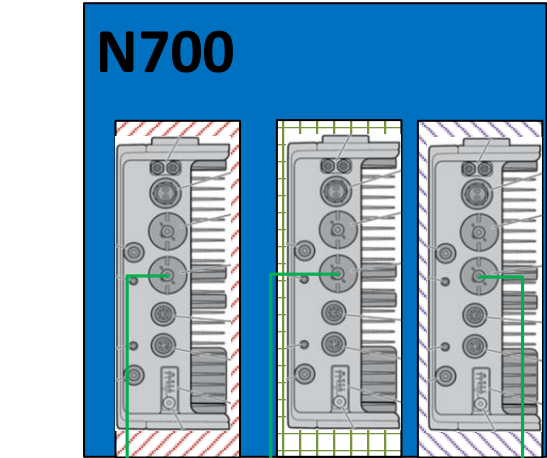
LN2100



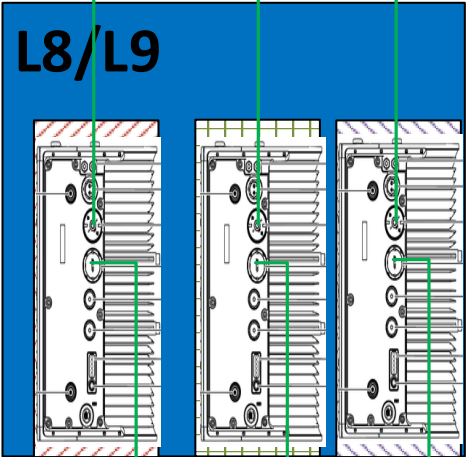
L1800 (if requested)



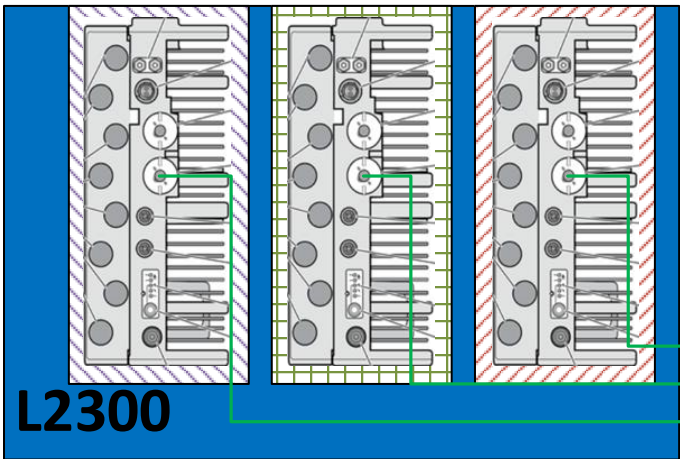
BB6630 4G/5G (VF)



N700

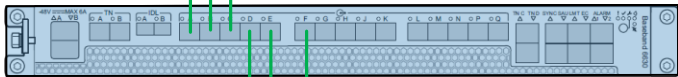


L8/L9

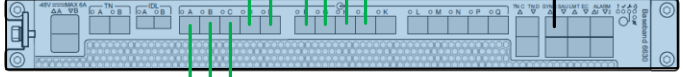


L2300

BB6630 FDD+TDD (TEF)



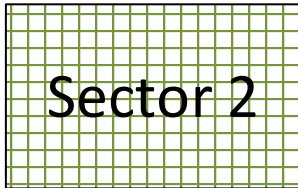
BB6630 4G/5G (TEF)



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)



Sector 3

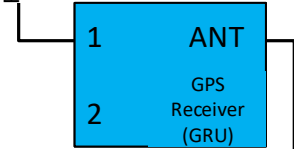


Sector 2



Sector 1

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

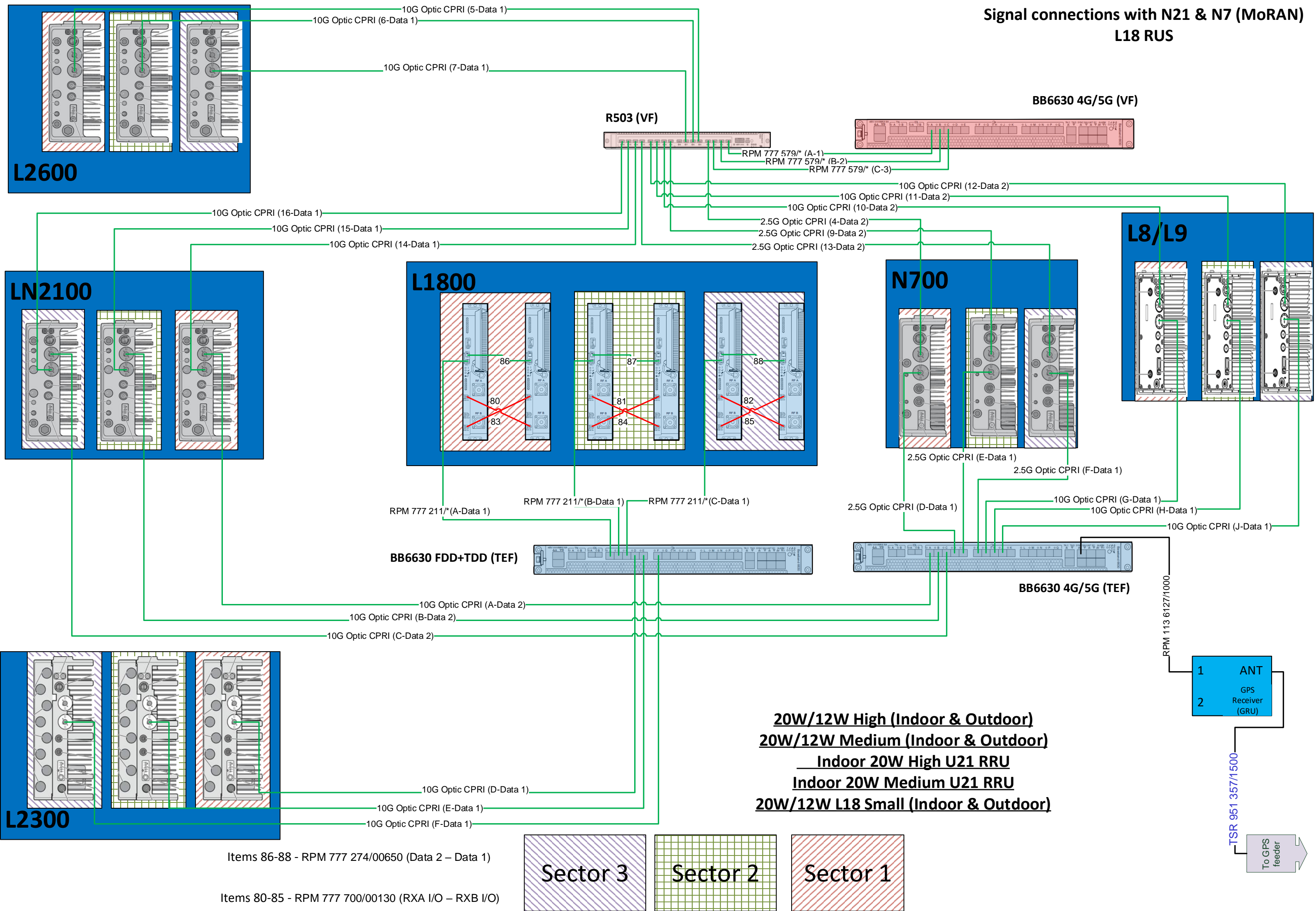


TSR 951 357/1500

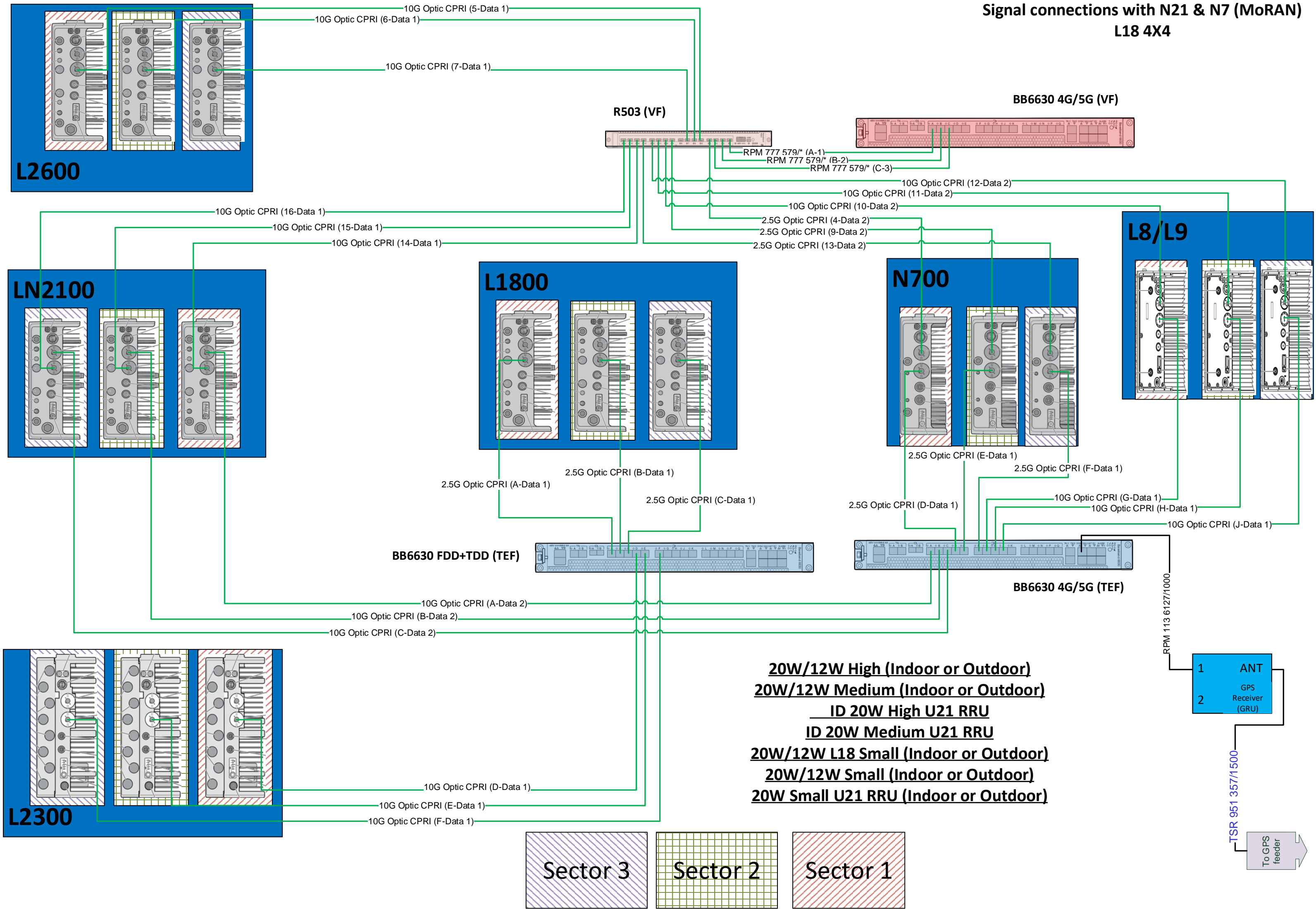


To GPS feeder

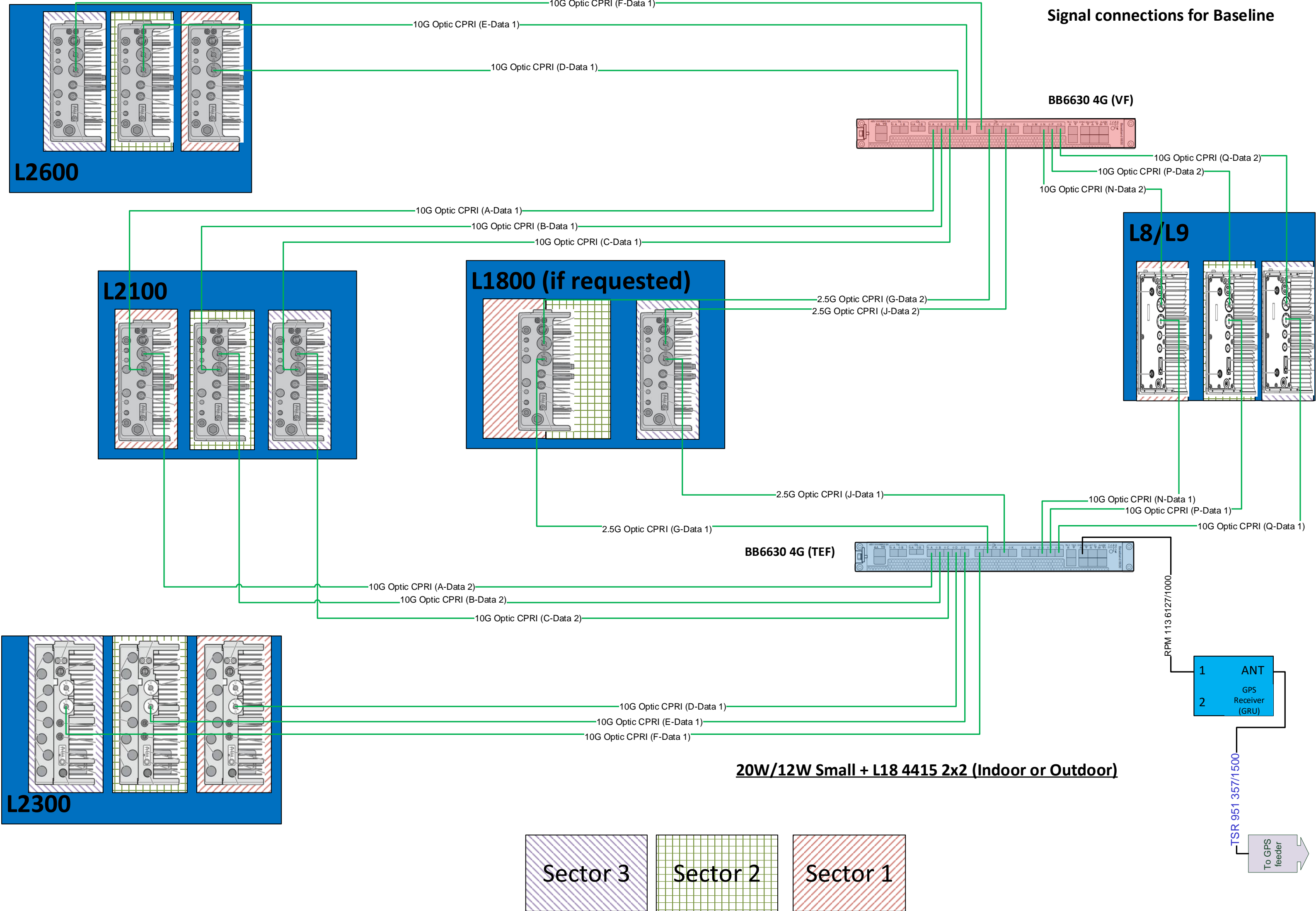
Signal connections with N21 & N7 (MoRAN) L18 RUS

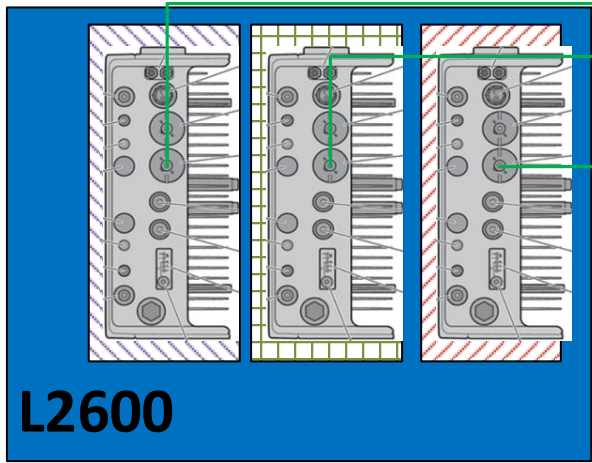


Signal connections with N21 & N7 (MoRAN)
L18 4X4

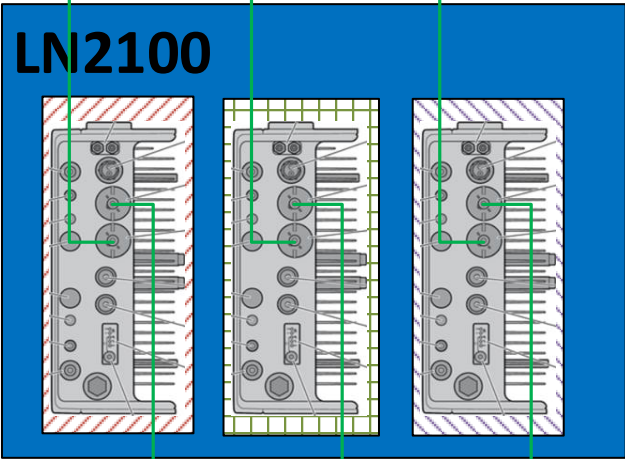


Signal connections for Baseline

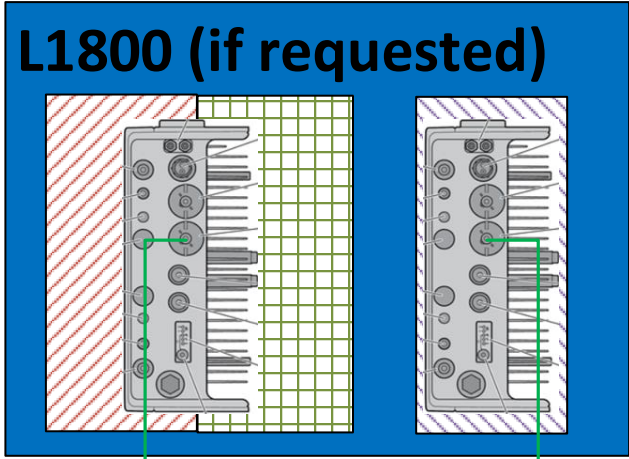




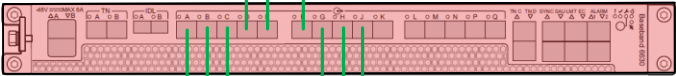
L2600



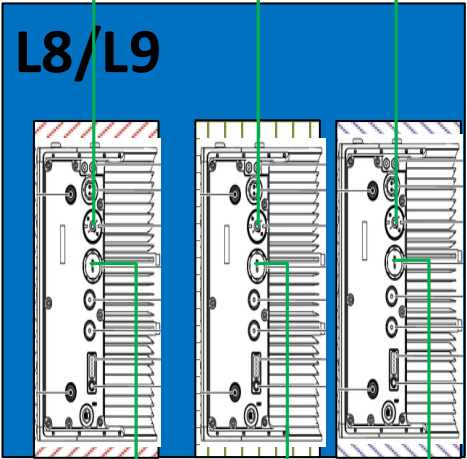
LN2100



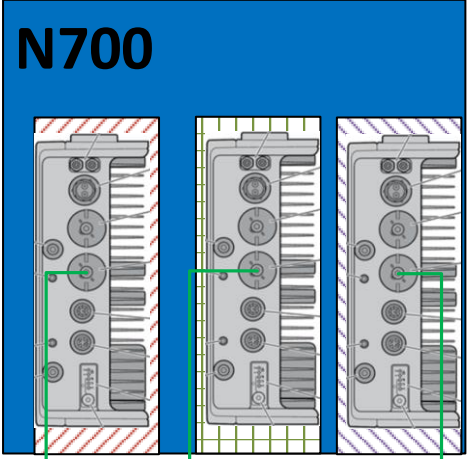
L1800 (if requested)



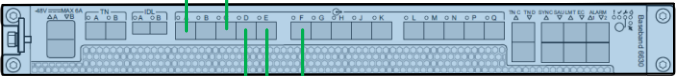
BB6630 4G/5G (VF)



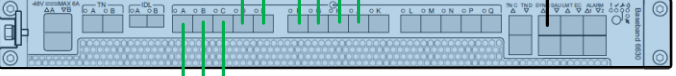
L8/L9



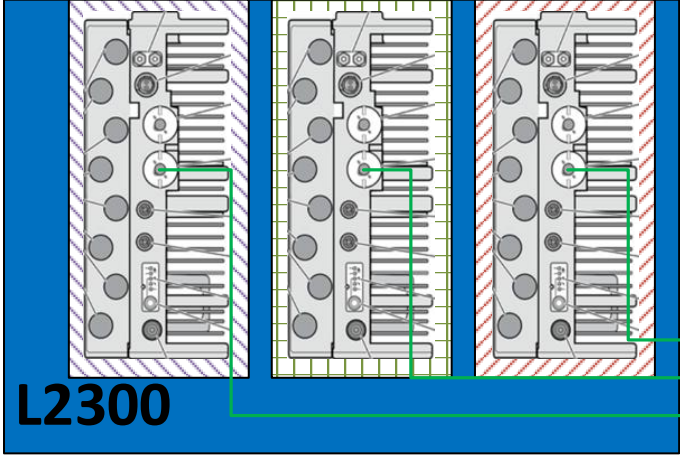
N700



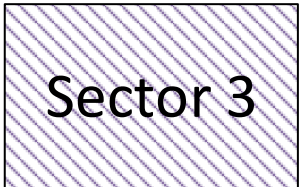
BB6630 FDD+TDD (TEF)



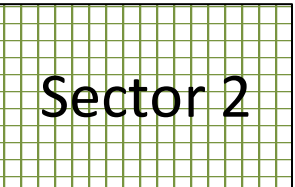
BB6630 4G/5G (TEF)



L2300



Sector 3



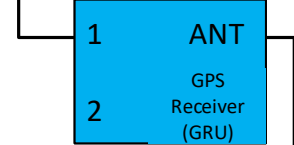
Sector 2



Sector 1

Signal connections with N21 & N7 (Tef only)

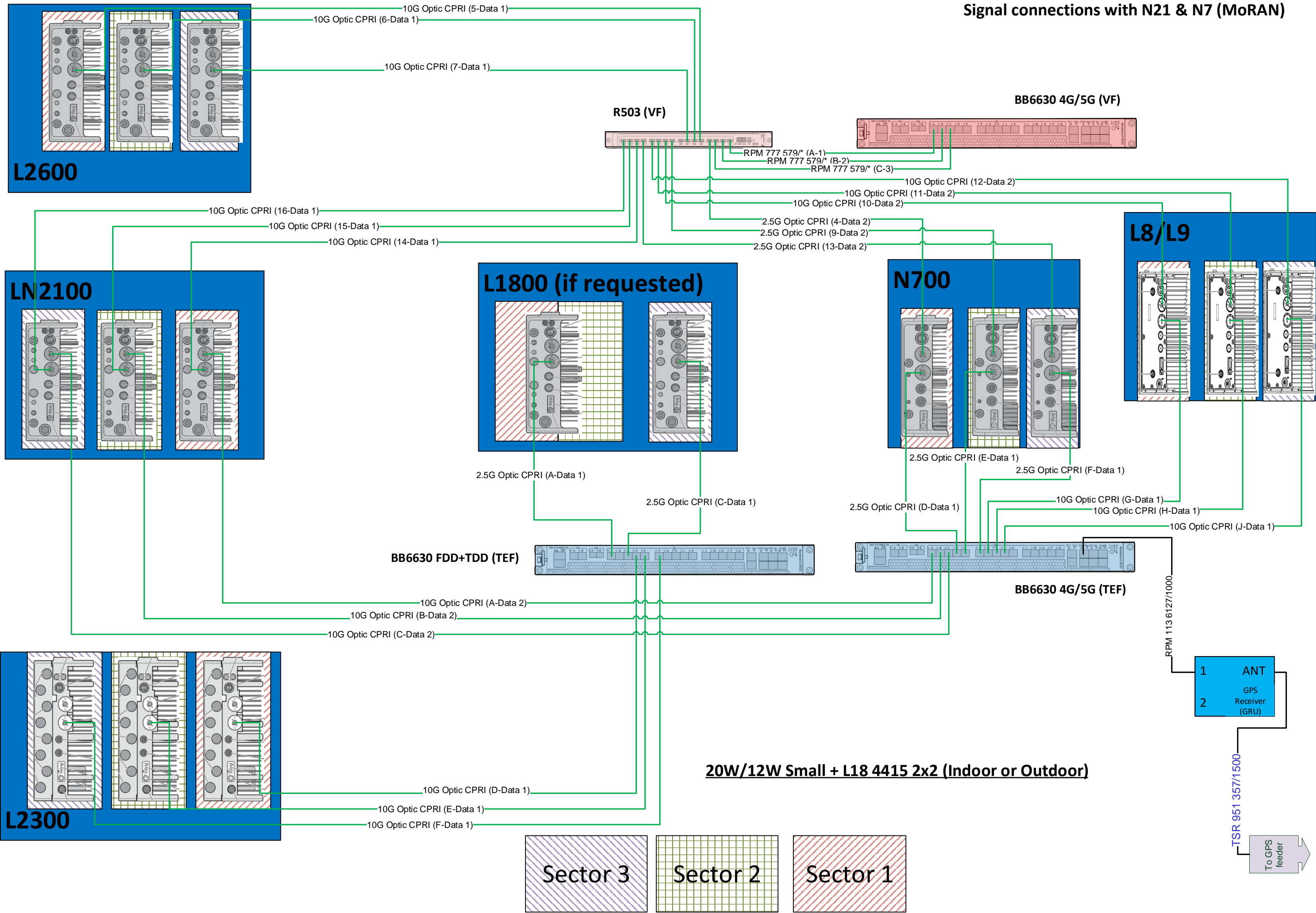
20W/12W Small + L18 4415 2x2 (Indoor or Outdoor)

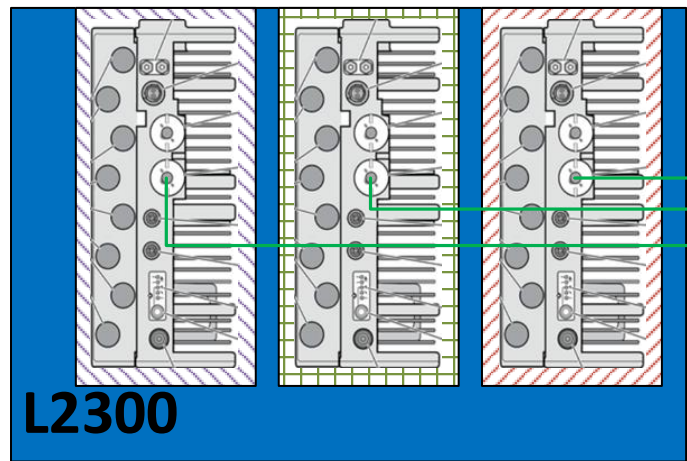
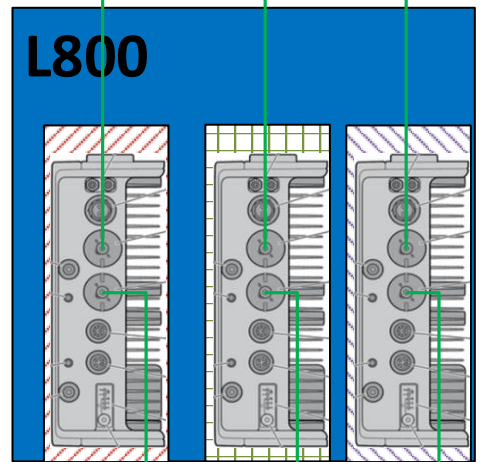
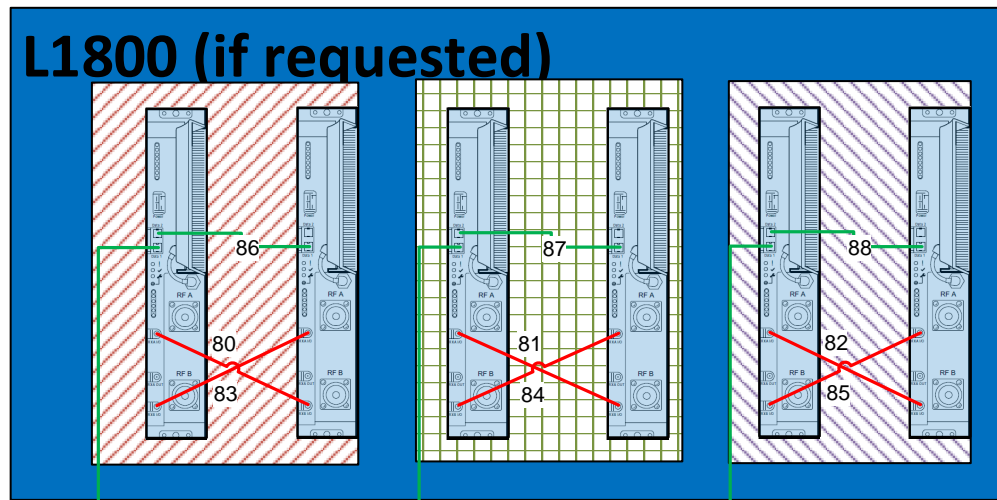
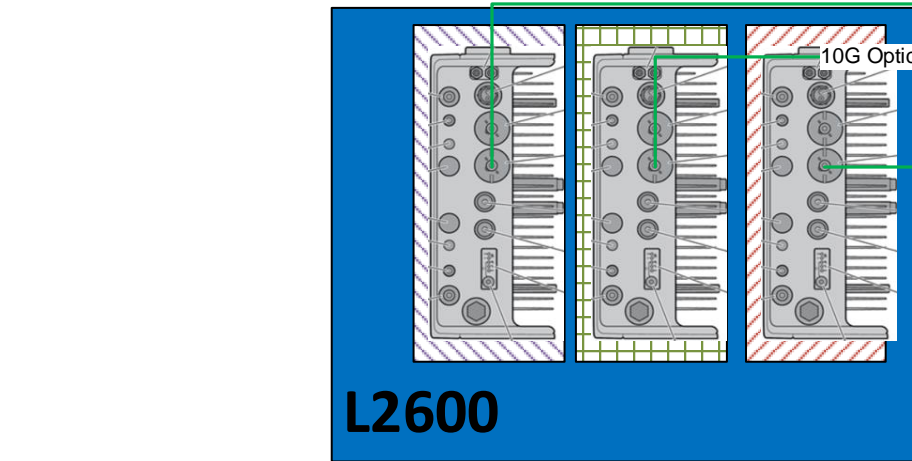
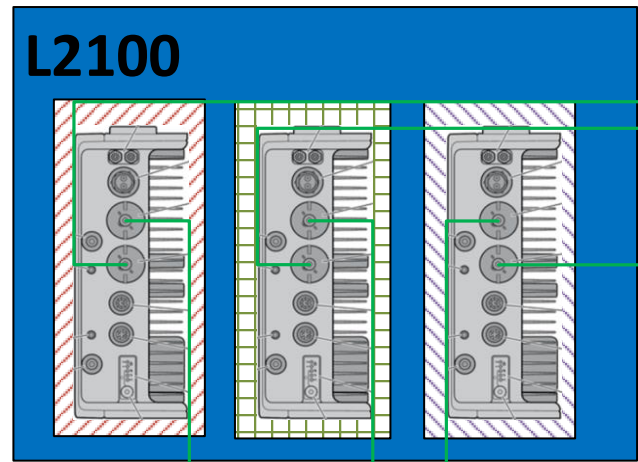
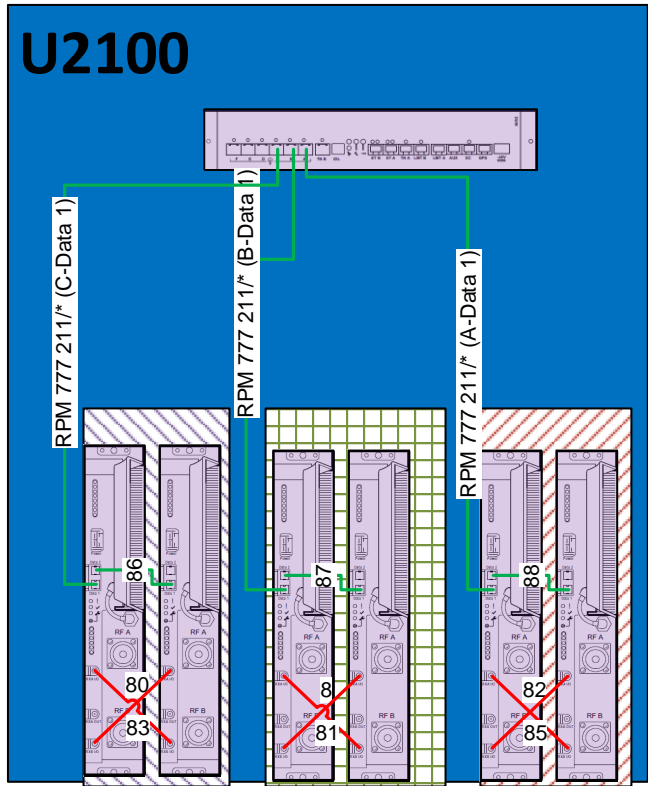


TSR 951 357/1500



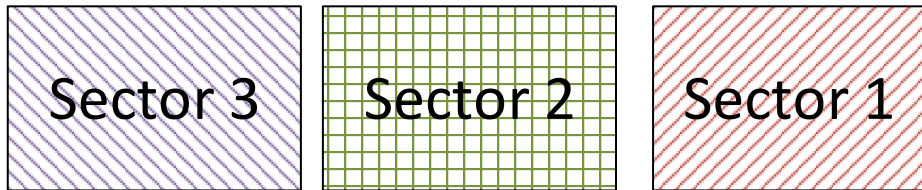
Signal connections with N21 & N7 (MoRAN)



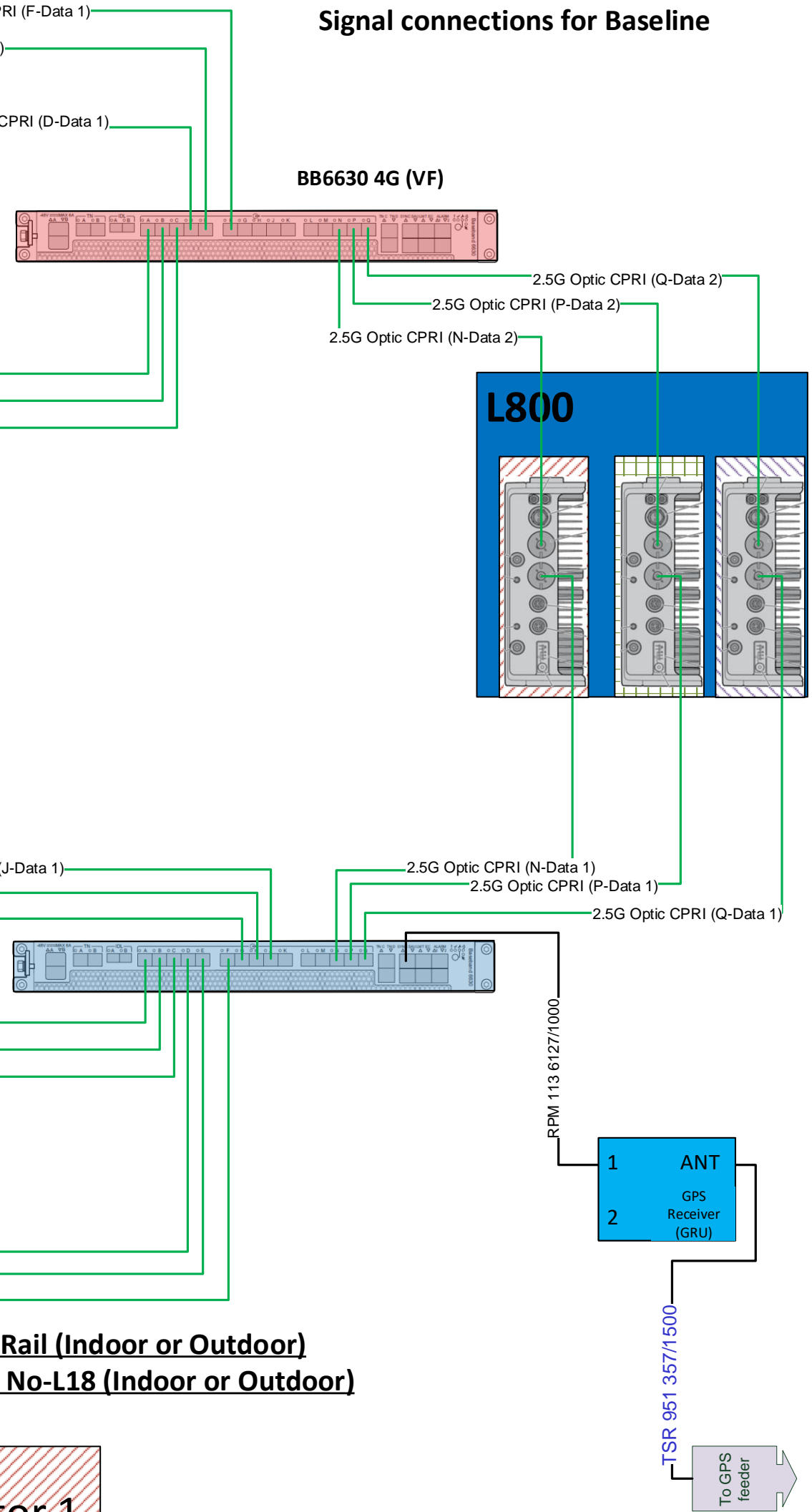


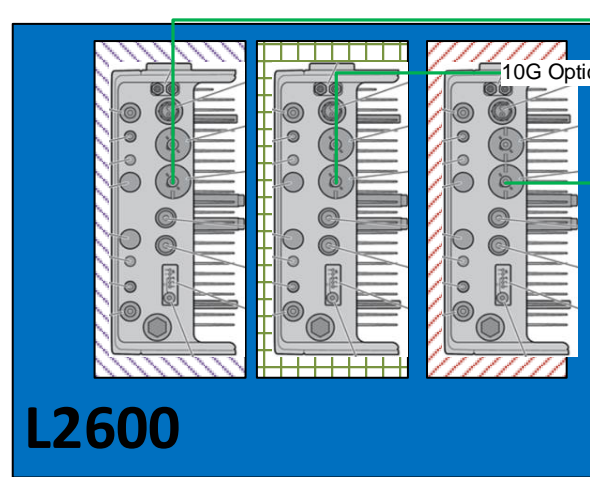
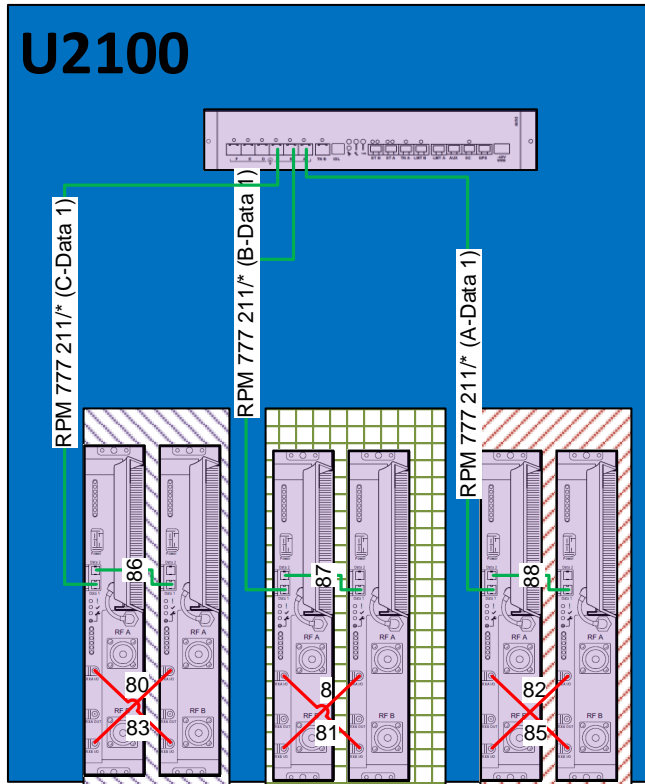
20W Network Rail (Indoor or Outdoor)
20W Network Rail No-L18 (Indoor or Outdoor)

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

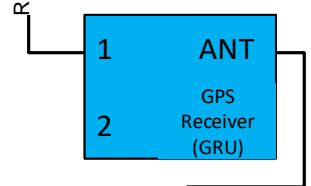
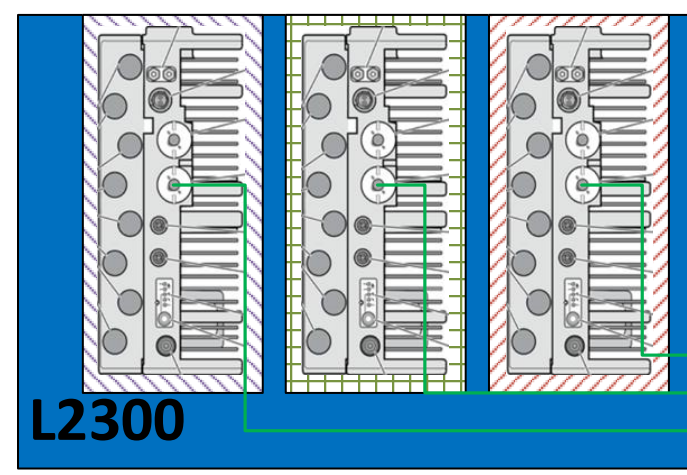
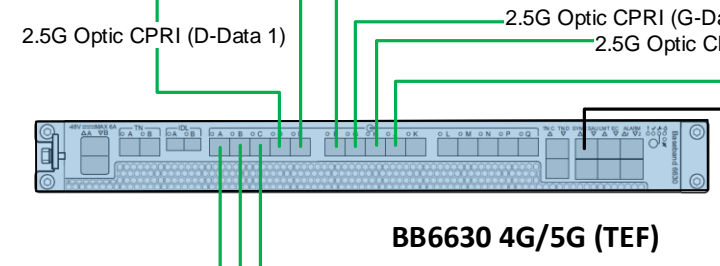
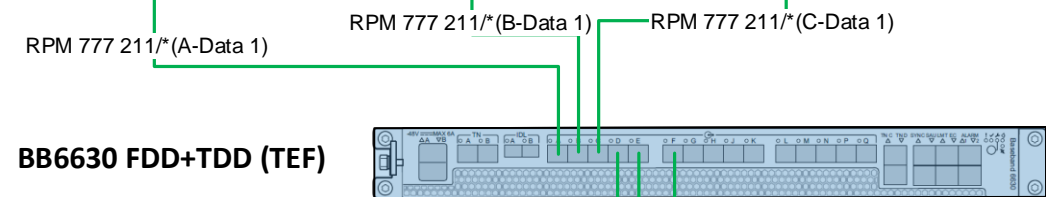
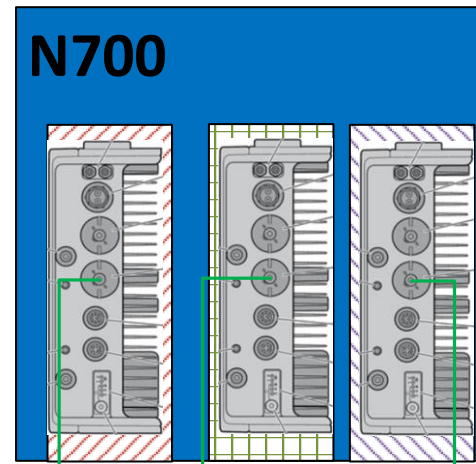
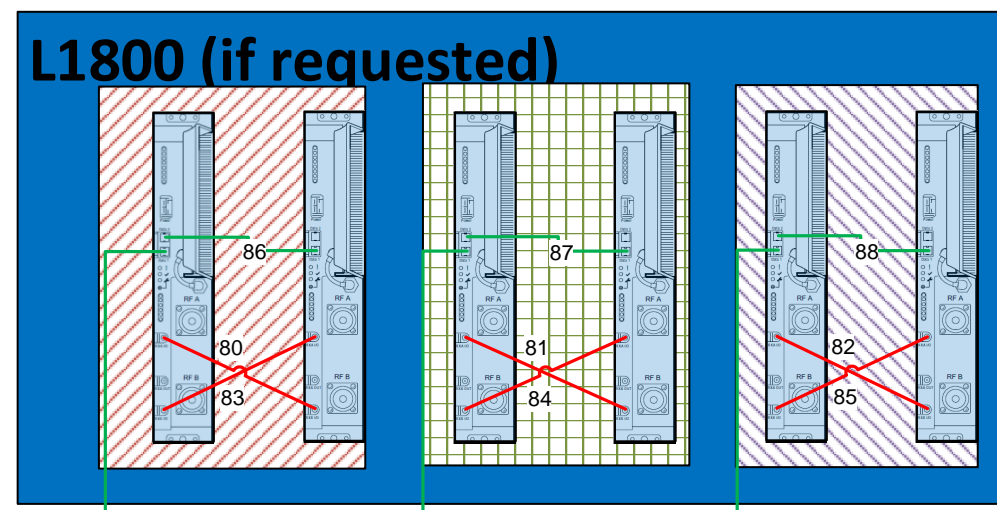
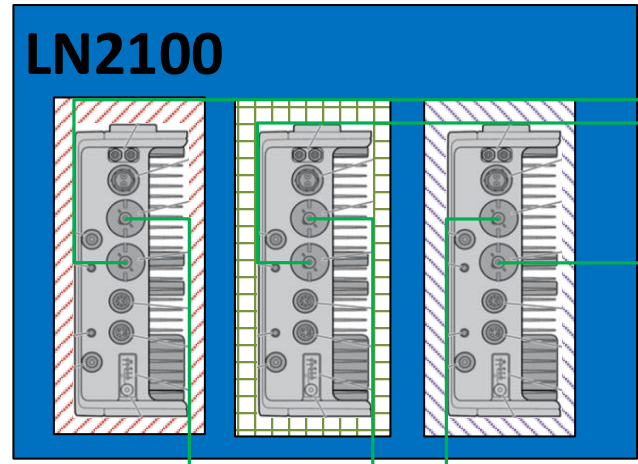
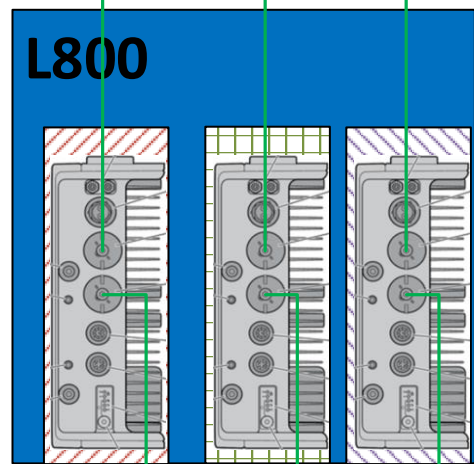
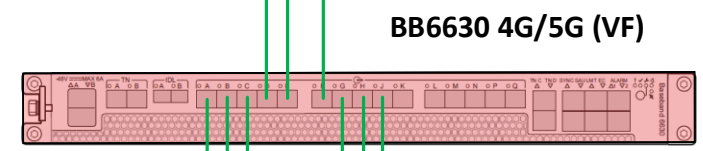


Signal connections for Baseline



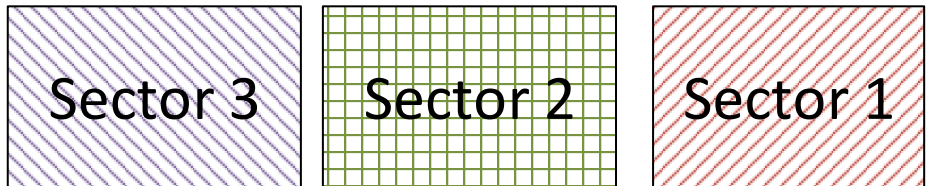


Signal connections with N21 & N7 (Tef)



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

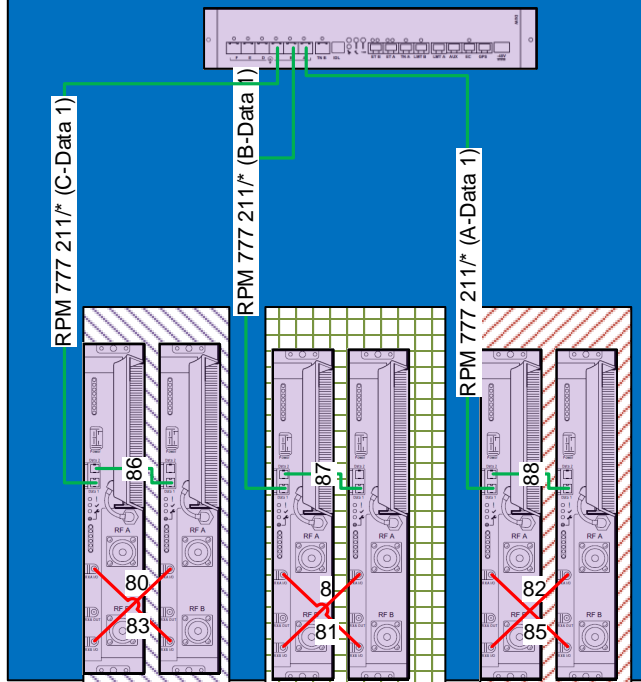
Items 86-88 - RPM 777 274/00650 (Data 2 – Data 1)
Items 80-85 - RPM 777 700/00130 (RXA I/O – RXB I/O)



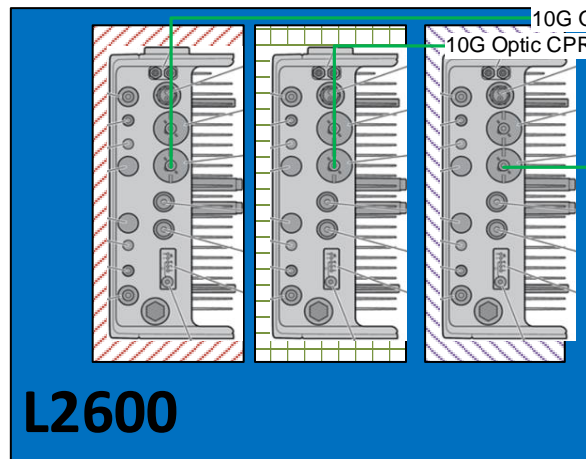
TSR 951 357/1500



U2100



L2600

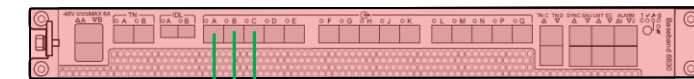


R503 (VF)

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

Signal connections with N21 & N7 (MoRAN)

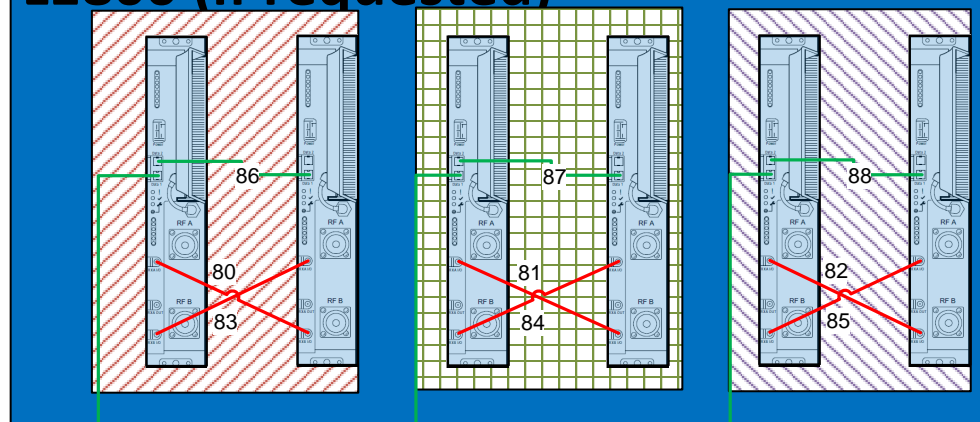
BB6630 4G/5G (VF)



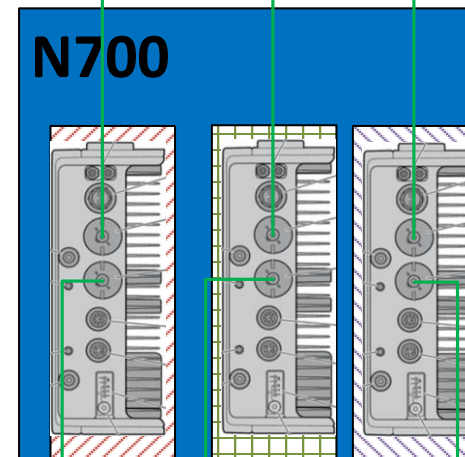
2.5G Optic CPRI (16-Data 1)
2.5G Optic CPRI (15-Data 1)
2.5G Optic CPRI (14-Data 1)

2.5G Optic CPRI (12-Data 2)
2.5G Optic CPRI (11-Data 2)
2.5G Optic CPRI (10-Data 2)
2.5G Optic CPRI (4-Data 2)
2.5G Optic CPRI (9-Data 2)
2.5G Optic CPRI (13-Data 2)

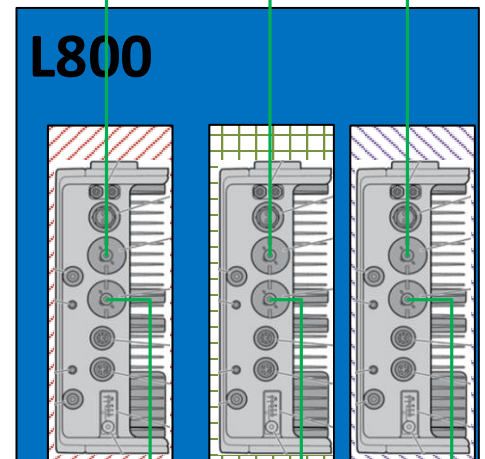
L1800 (if requested)



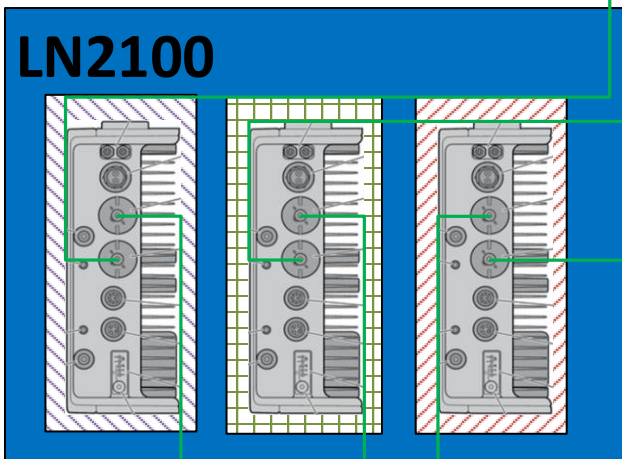
N700



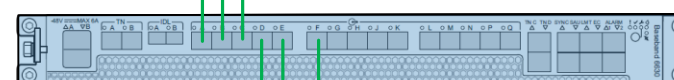
L800



LN2100

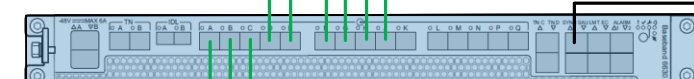


BB6630 FDD+TDD (TEF)

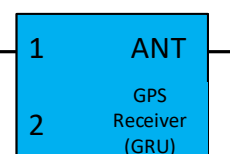


2.5G Optic CPRI (D-Data 1)

BB6630 4G/5G (TEF)



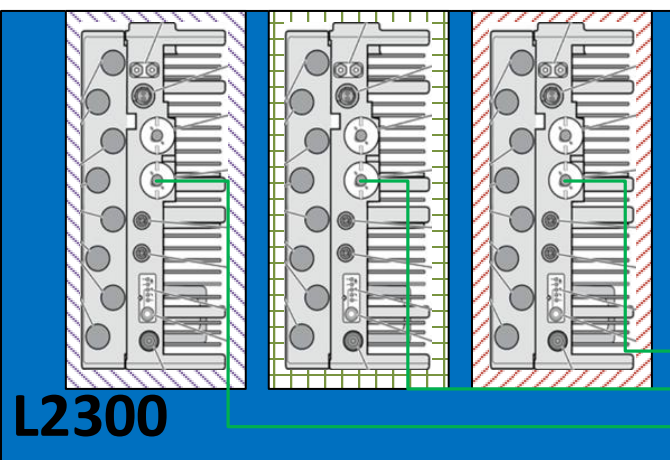
RPM 113 6127/1000



TSR 951 357/1500



L2300



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

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

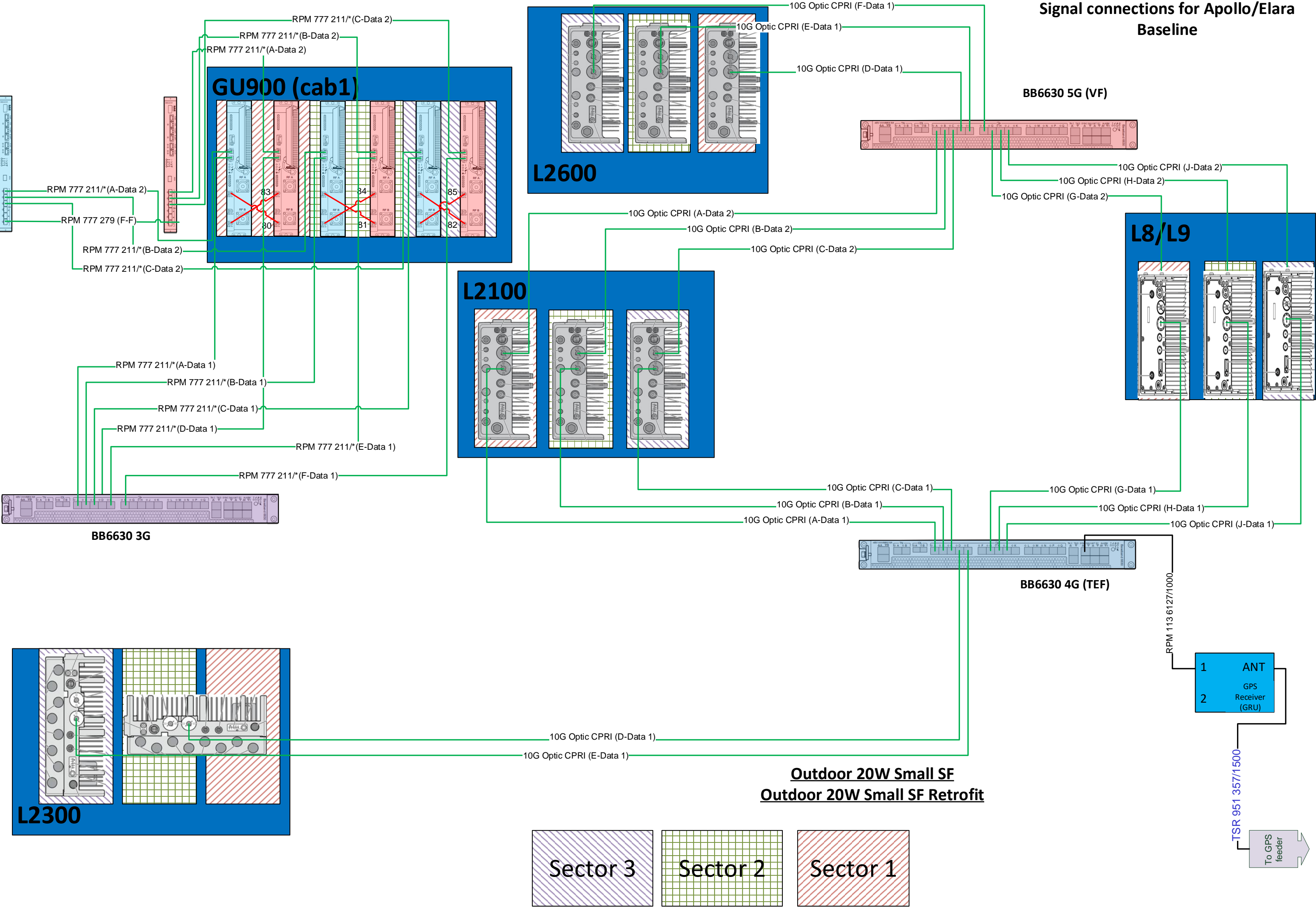
Sector 3

Sector 2

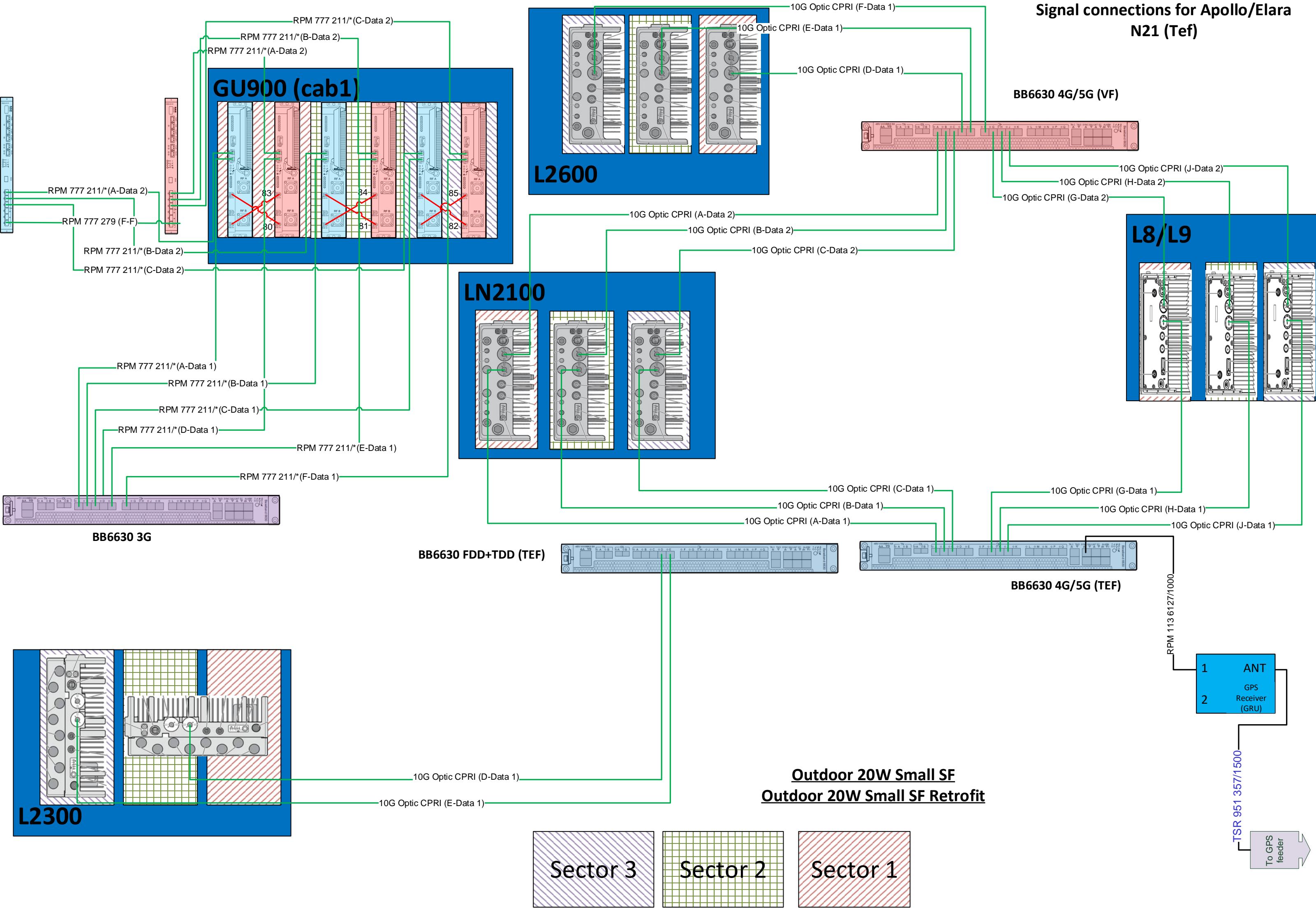
Sector 1

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

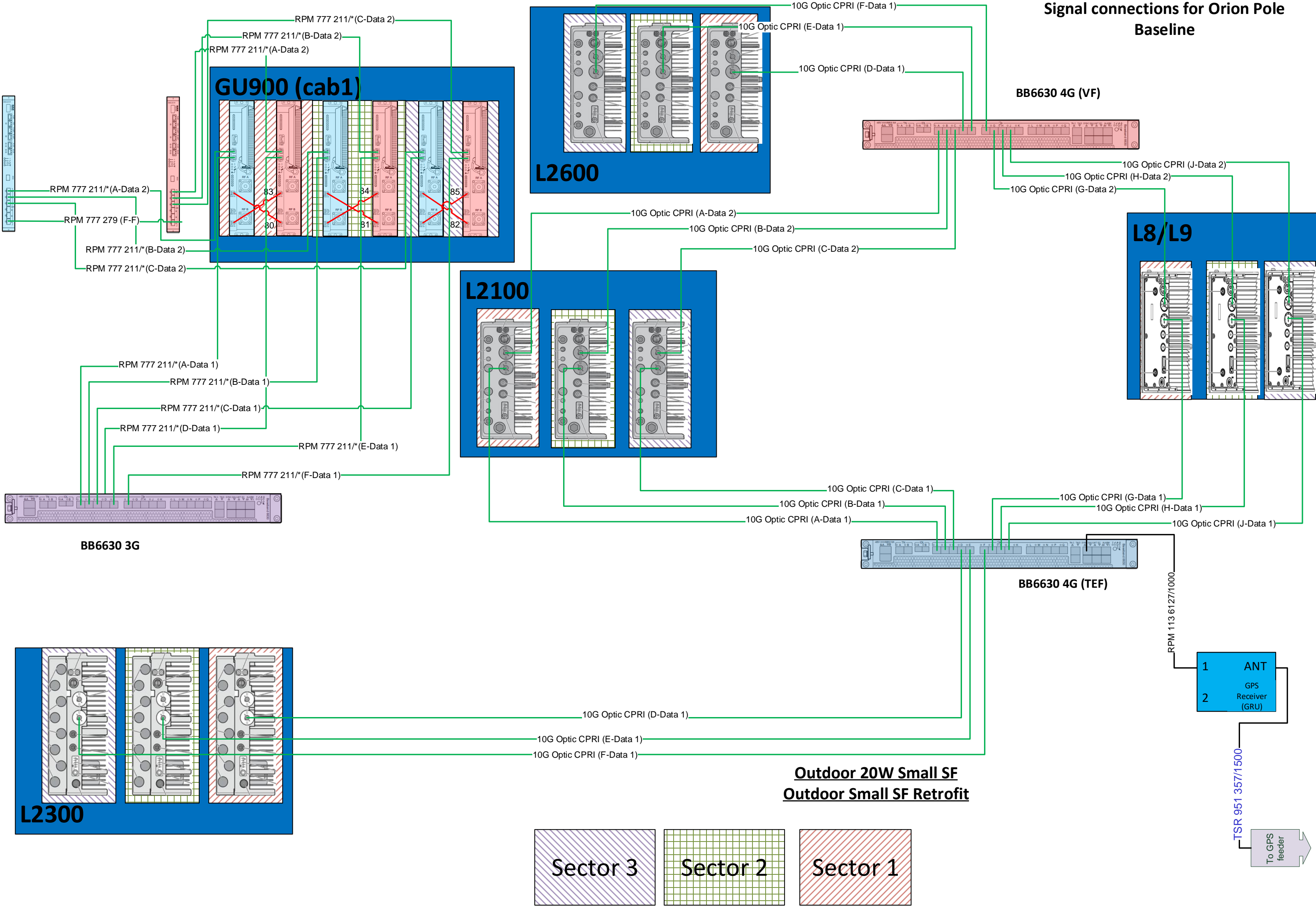
Signal connections for Apollo/Elara
Baseline



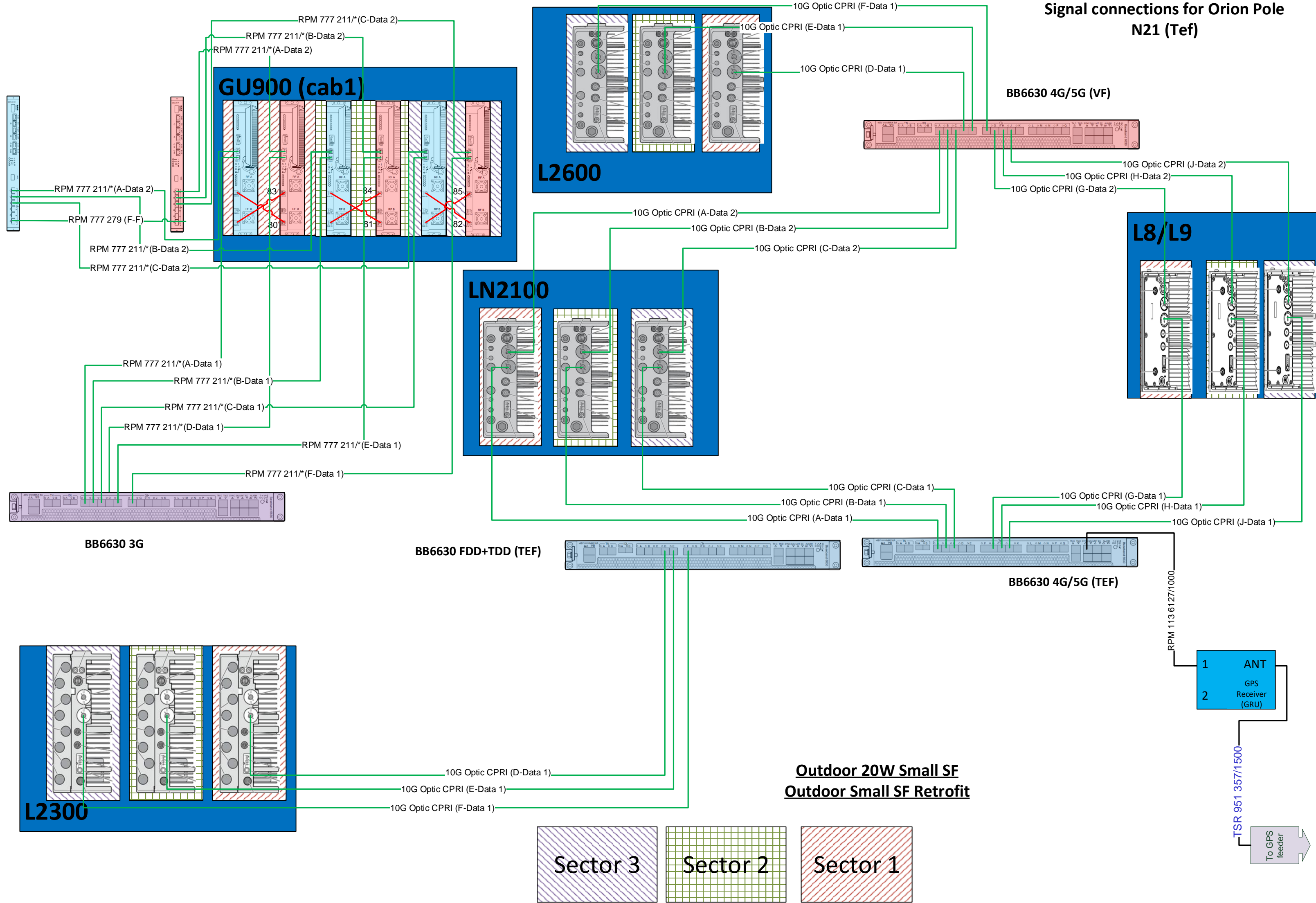
Signal connections for Apollo/Elara
N21 (Tef)



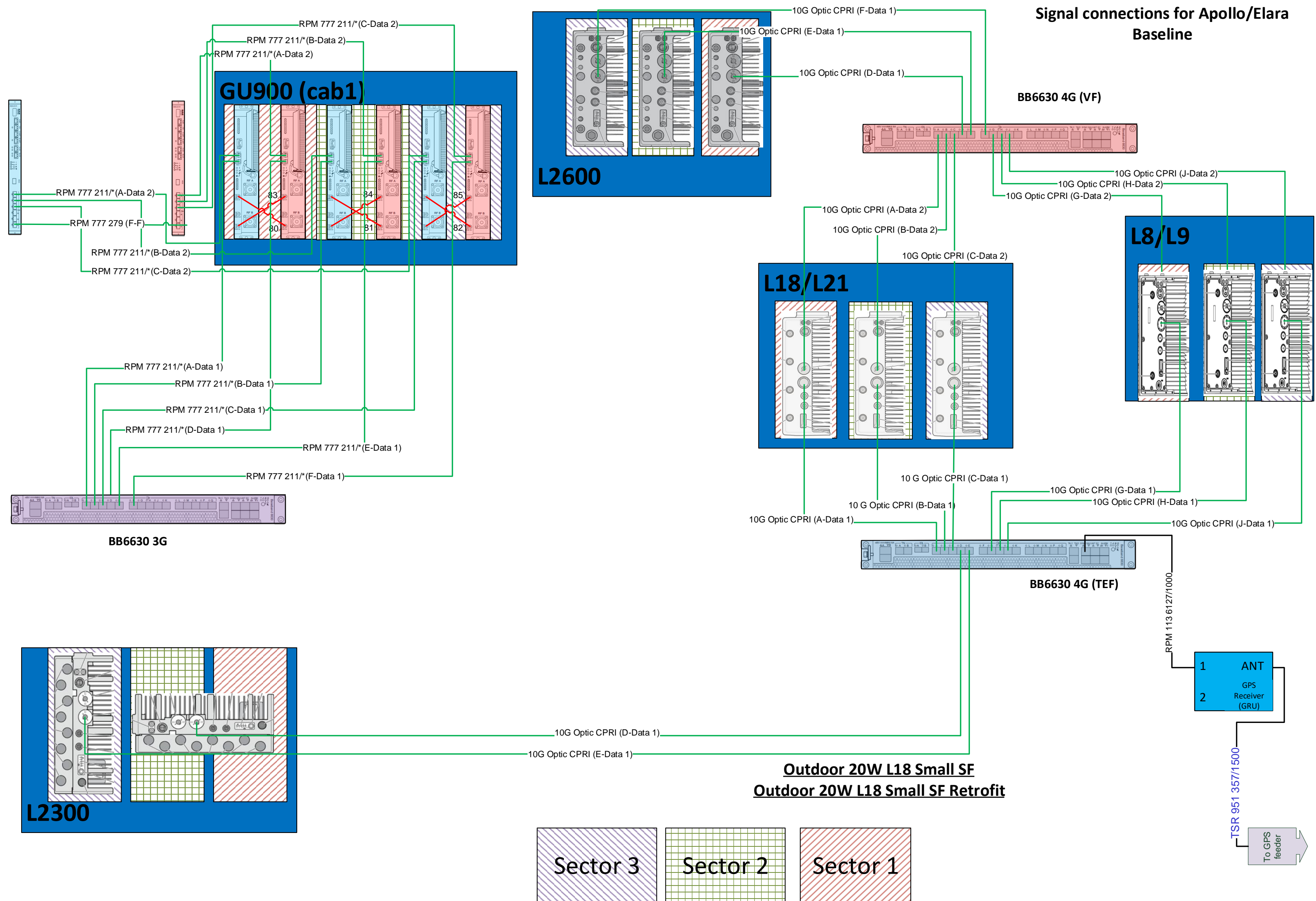
Signal connections for Orion Pole
Baseline

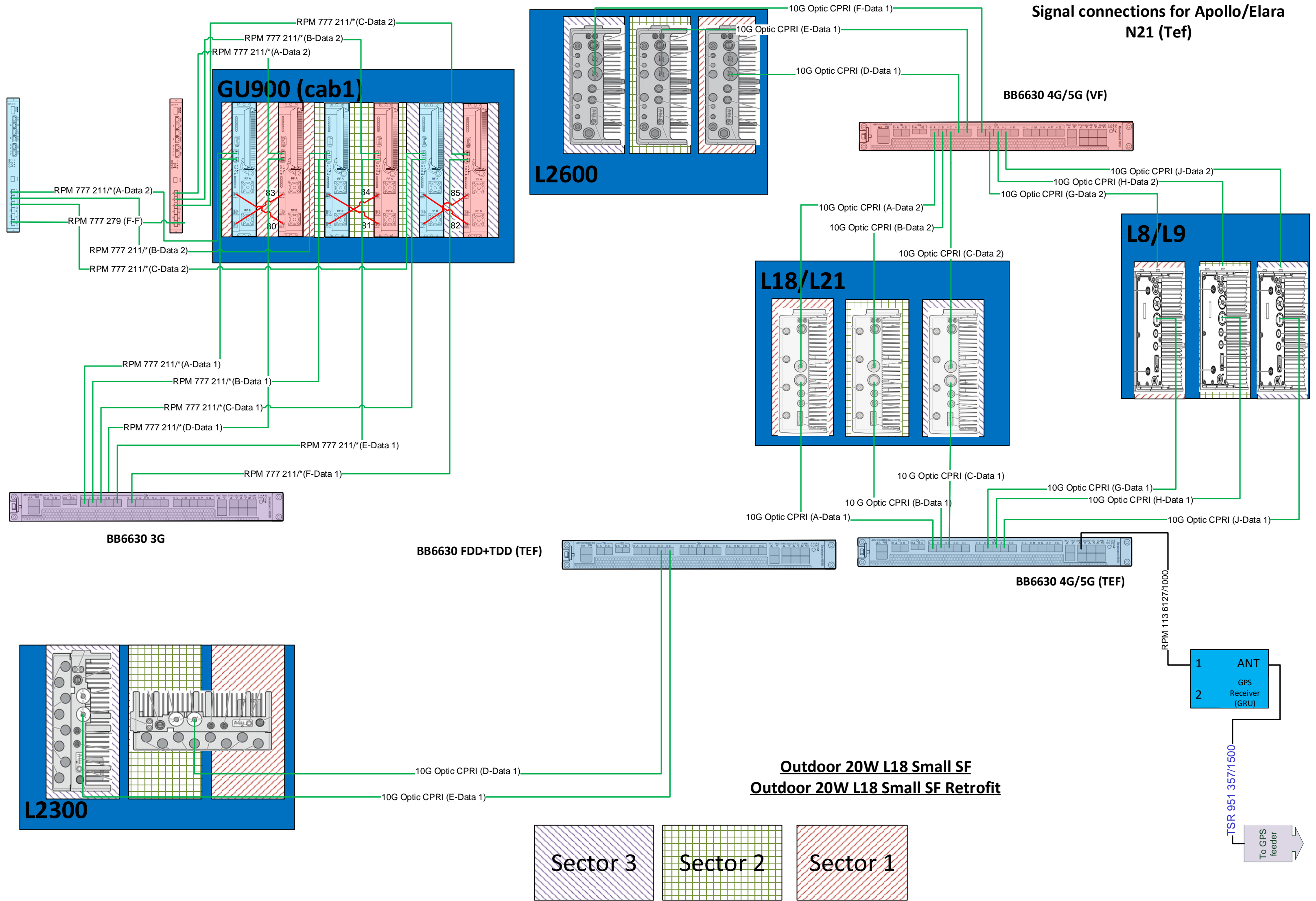


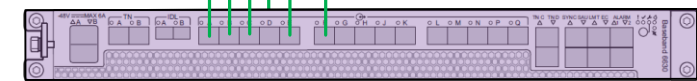
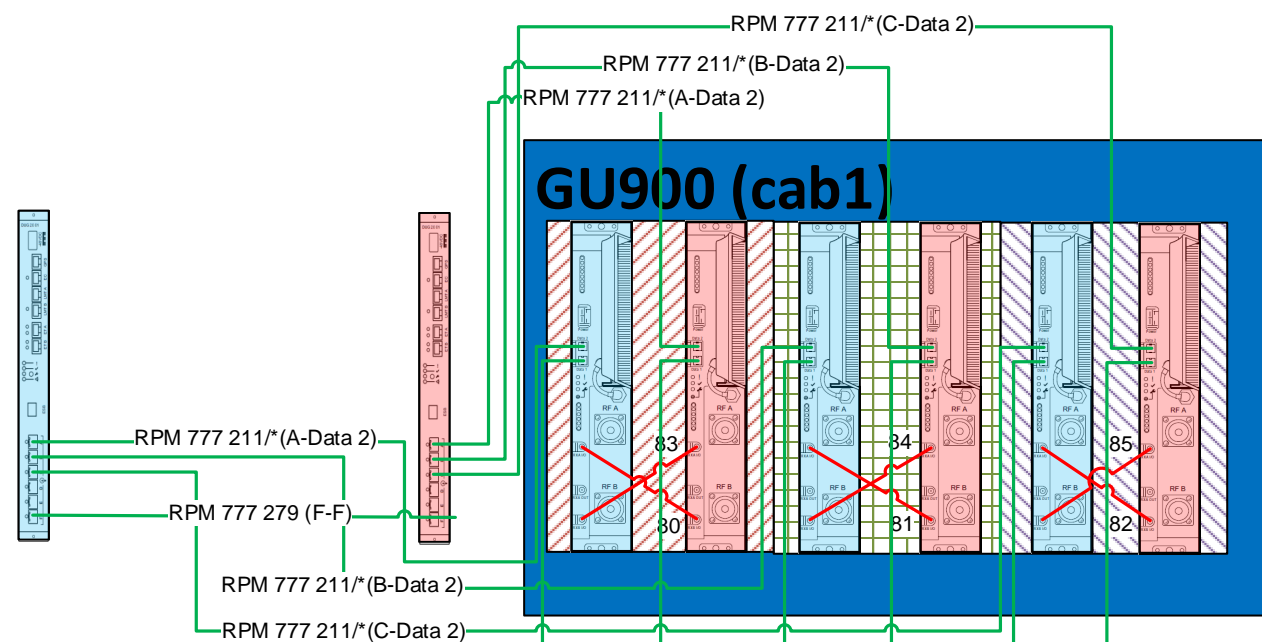
Signal connections for Orion Pole
N21 (Tef)



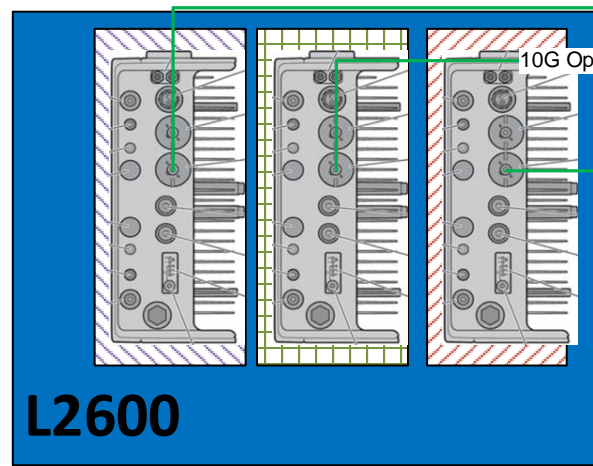
Signal connections for Apollo/Elara Baseline



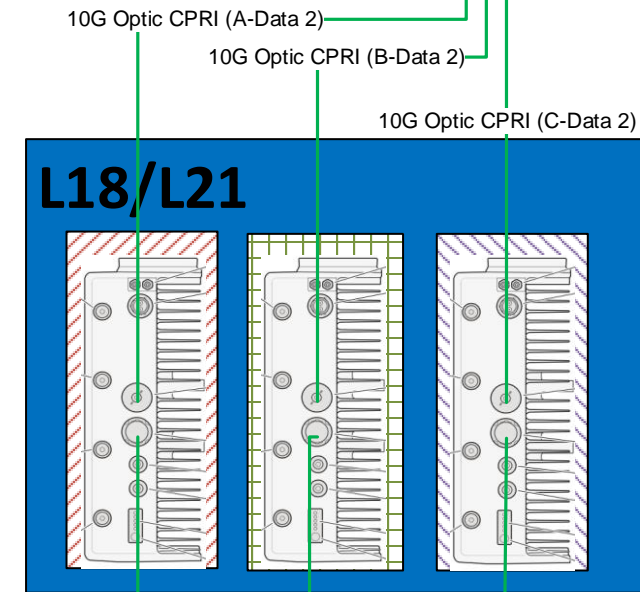




BB6630 3G



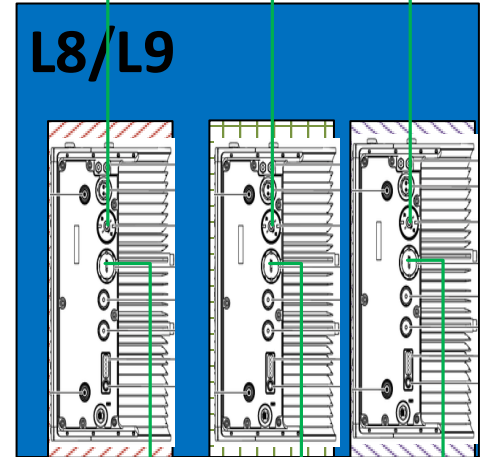
L2600



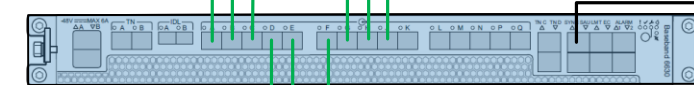
L18/L21

Signal connections for Orion Pole Baseline

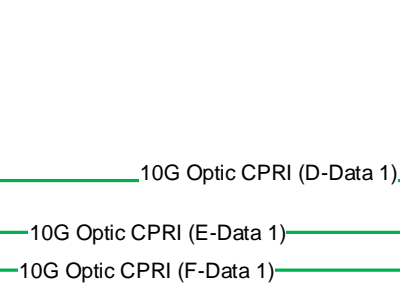
BB6630 4G (VF)



L8/L9

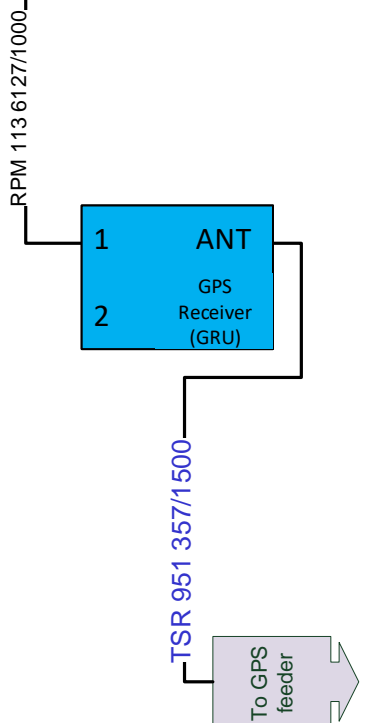
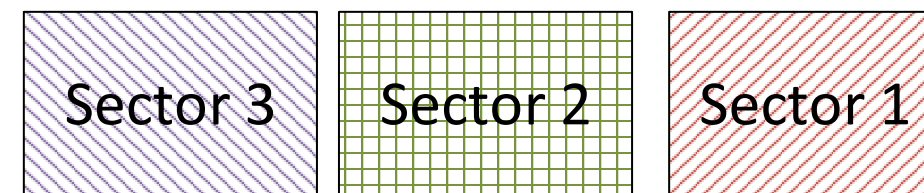


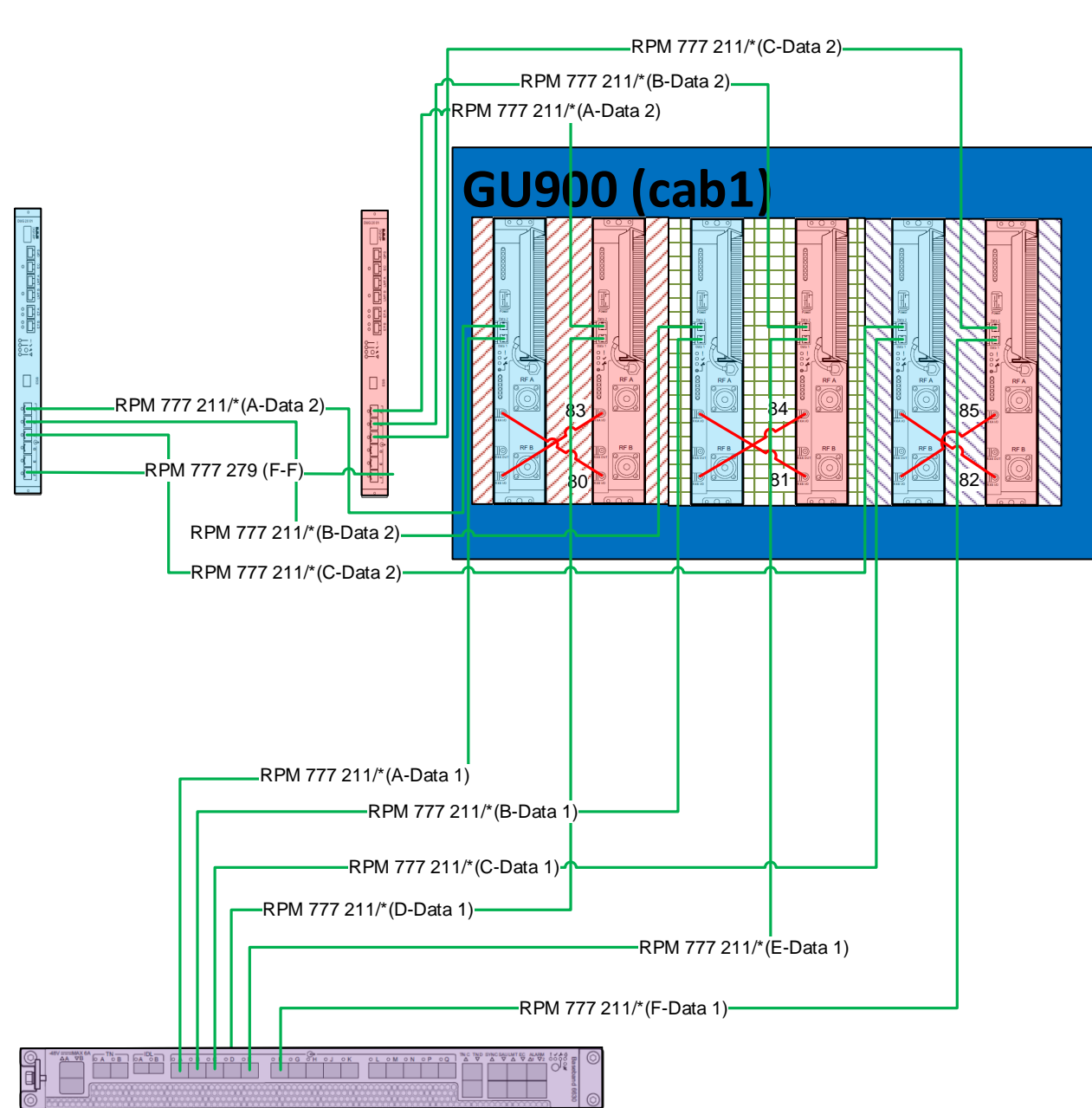
BB6630 4G (TEF)



L2300

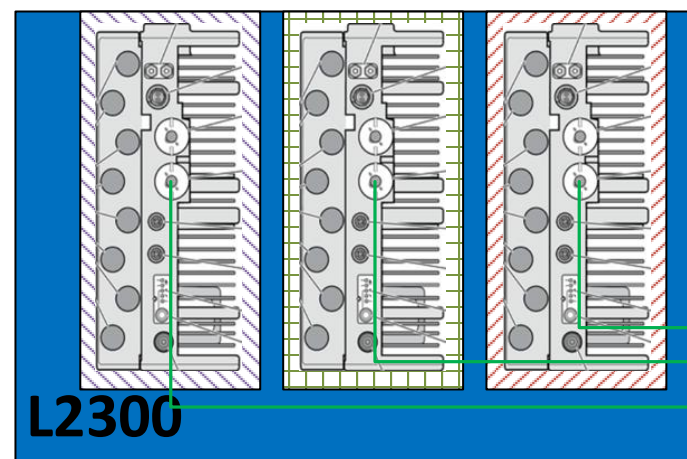
Outdoor 20W L18 Small SF Outdoor 20W L18 Small SF Retrofit



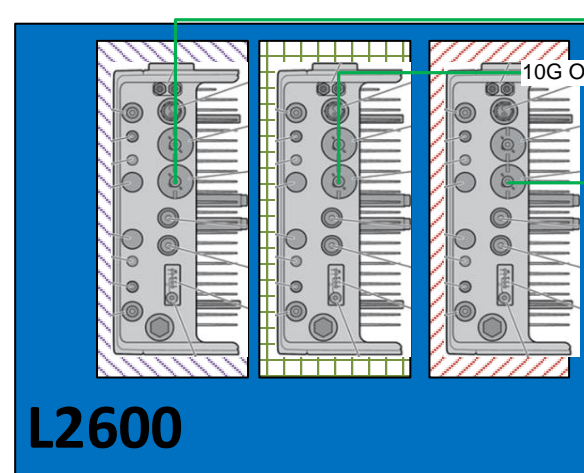


BB6630 3G

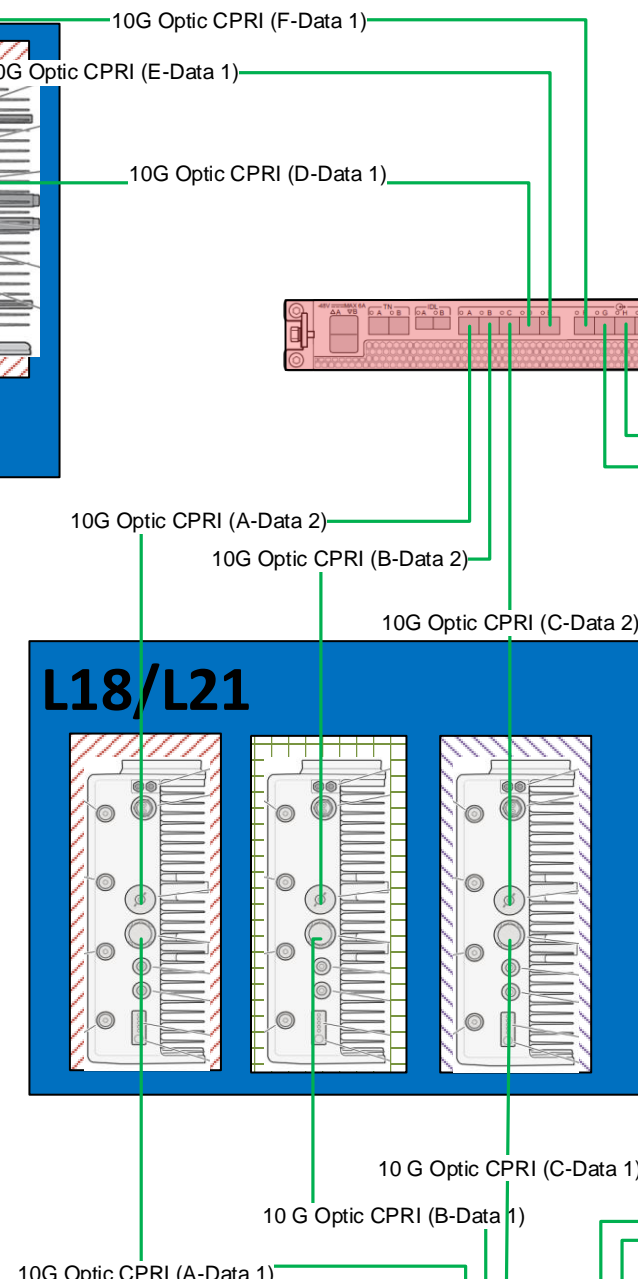
BB6630 FDD+TDD (TEF)



L2300



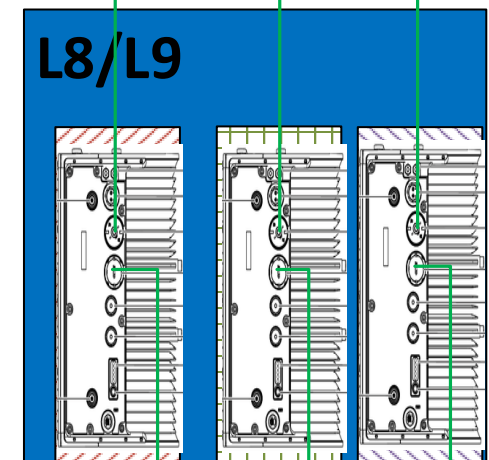
L2600



L18/L21

Signal connections for Orion Pole N21 (Tef)

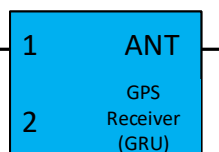
BB6630 4G/5G (VF)



L8/L9

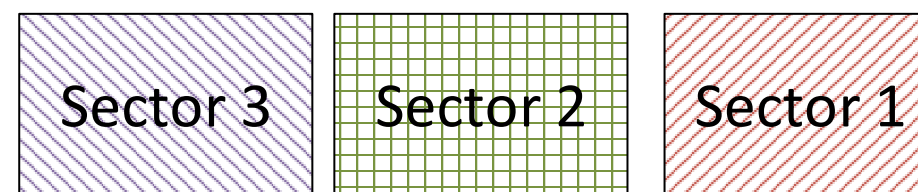
BB6630 4G/5G (TEF)

RPM 113 6127/1000



TSR 951 357/1500

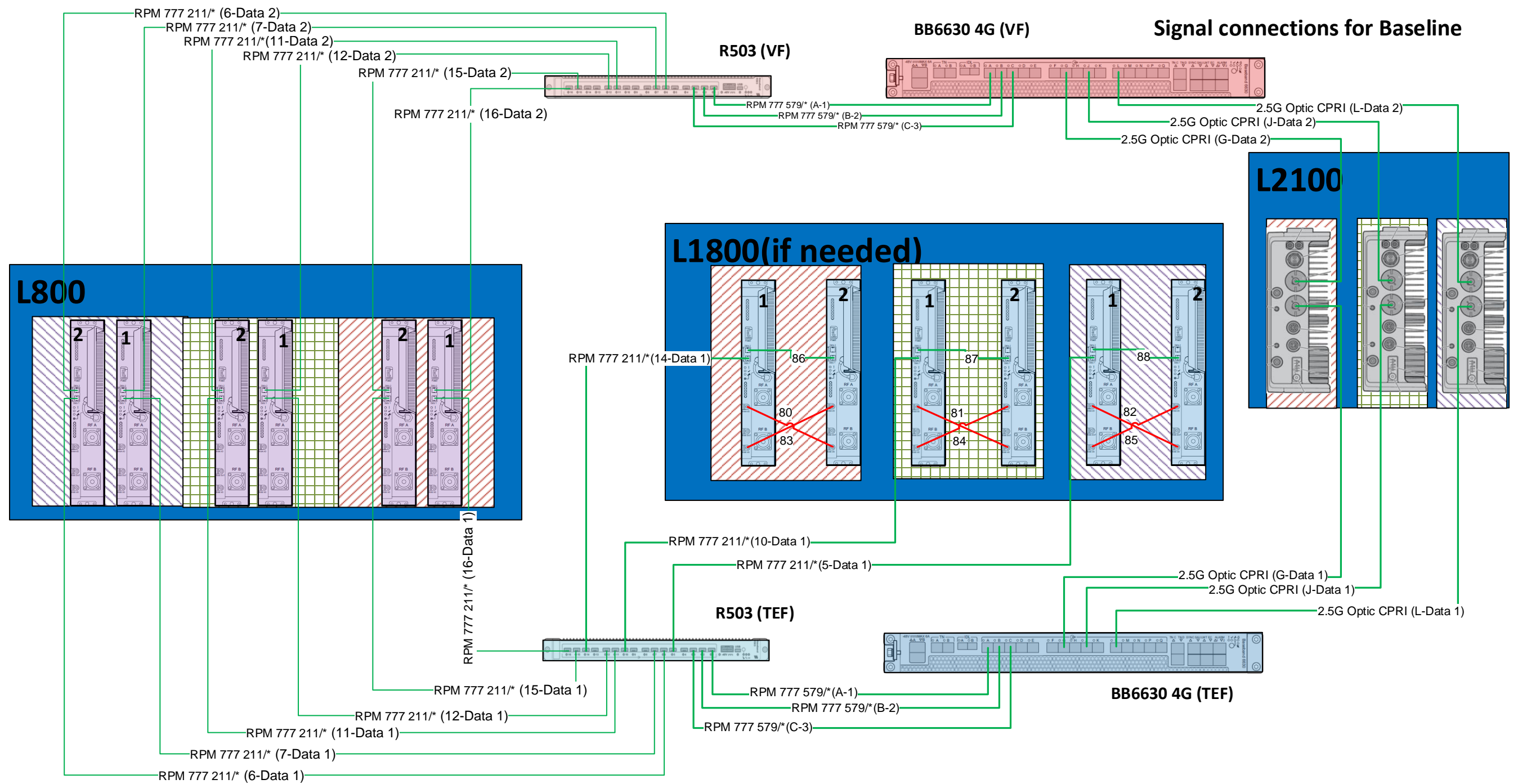
Outdoor 20W L18 Small SF Outdoor 20W L18 Small SF Retrofit



Sector 3

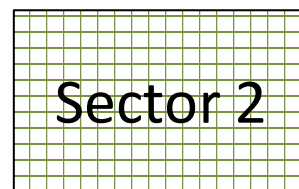
Sector 2

Sector 1



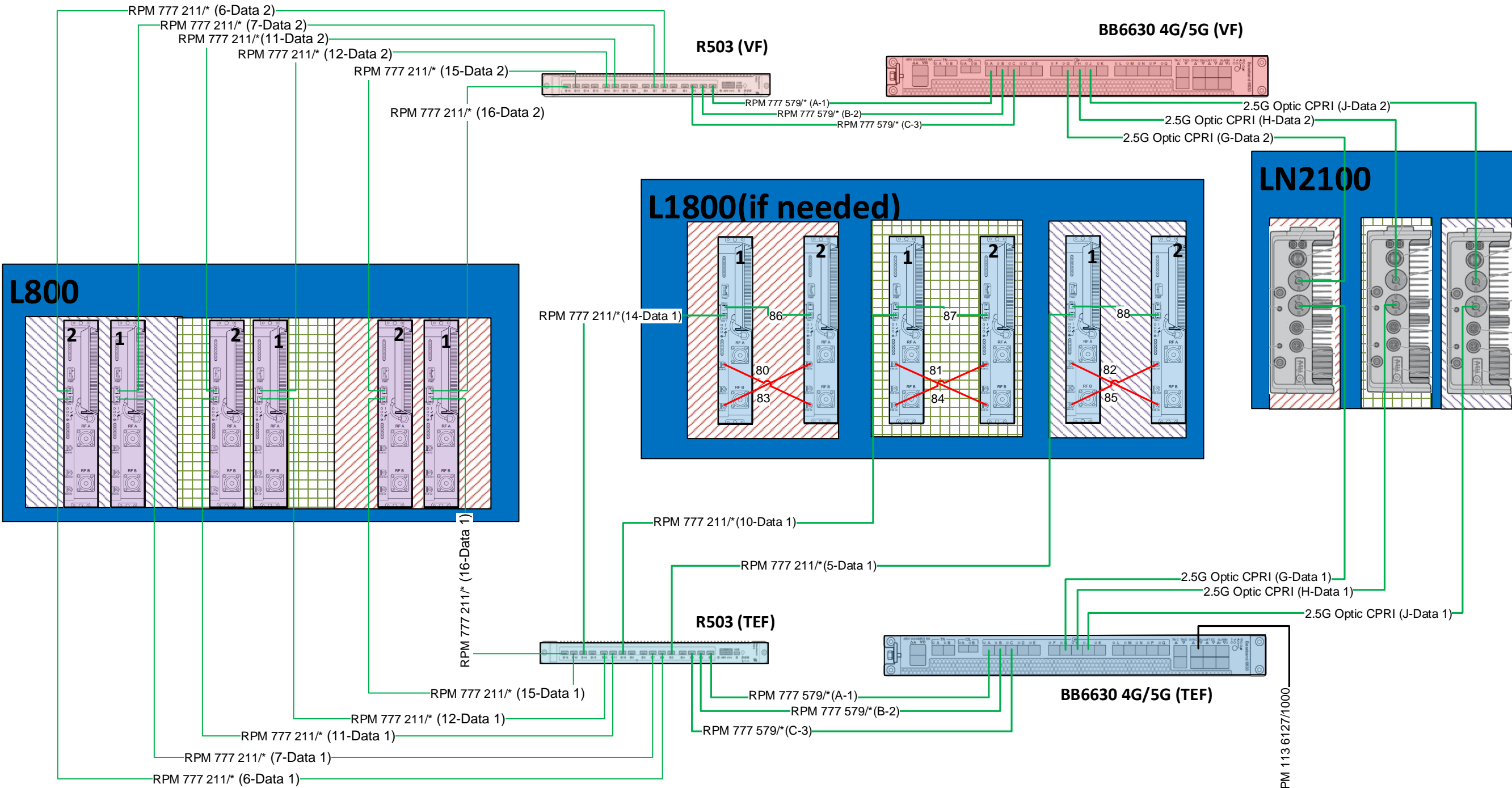
Items 86-88 - RPM 777 274/00650 (Data 2 – Data 1)

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



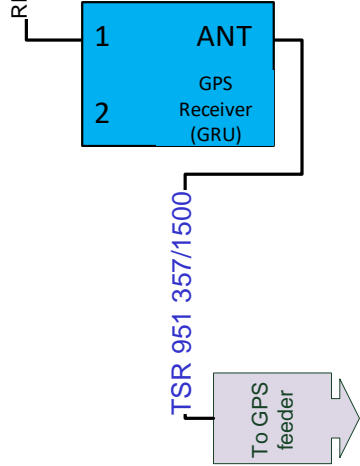
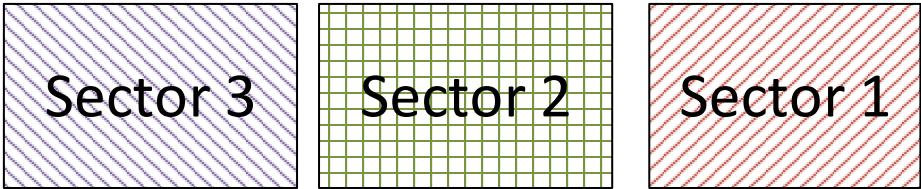
20W Stealth (Indoor or Outdoor)

Signal connections with N21 (Tef)

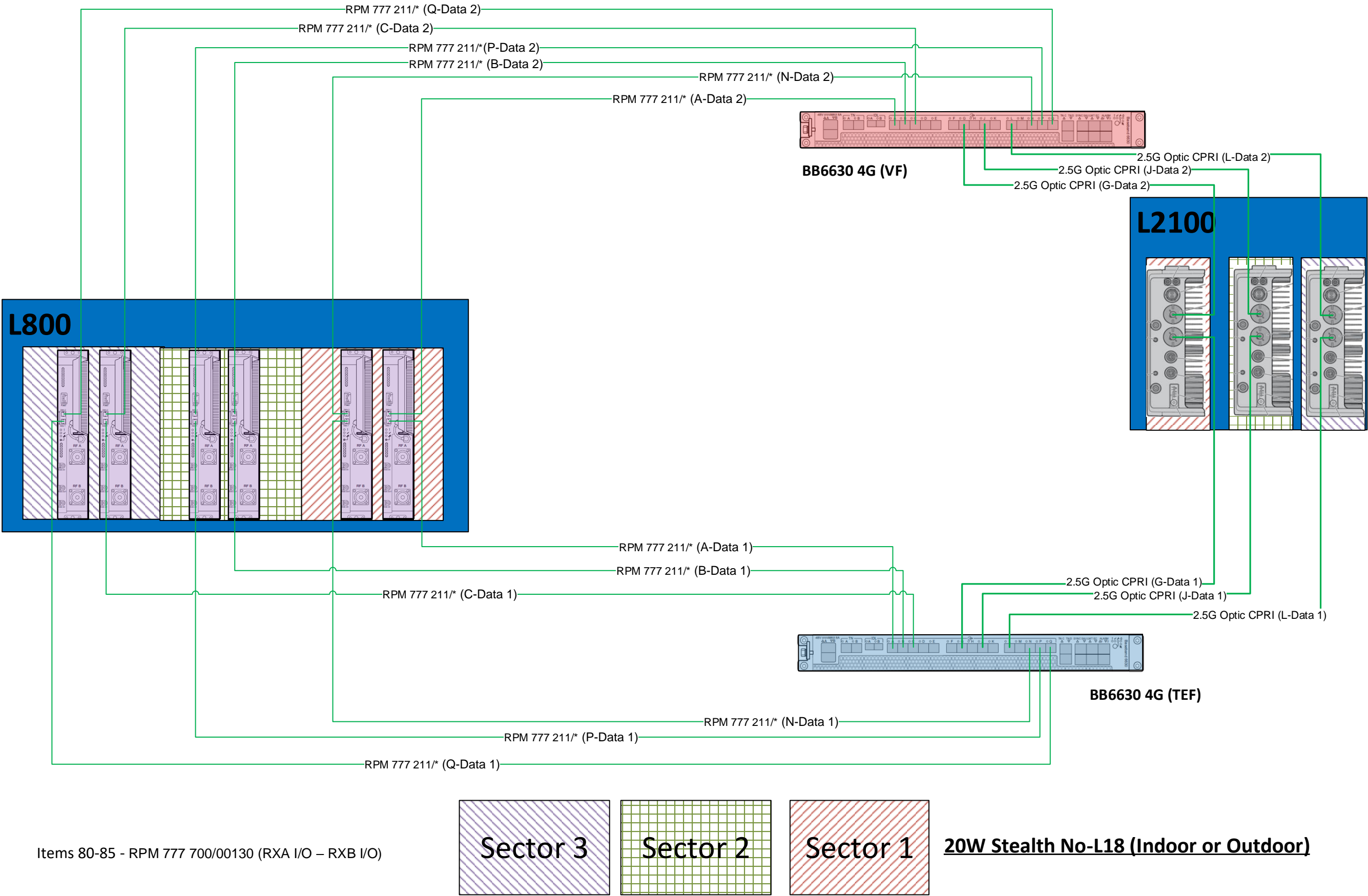


20W Stealth (Indoor or Outdoor)

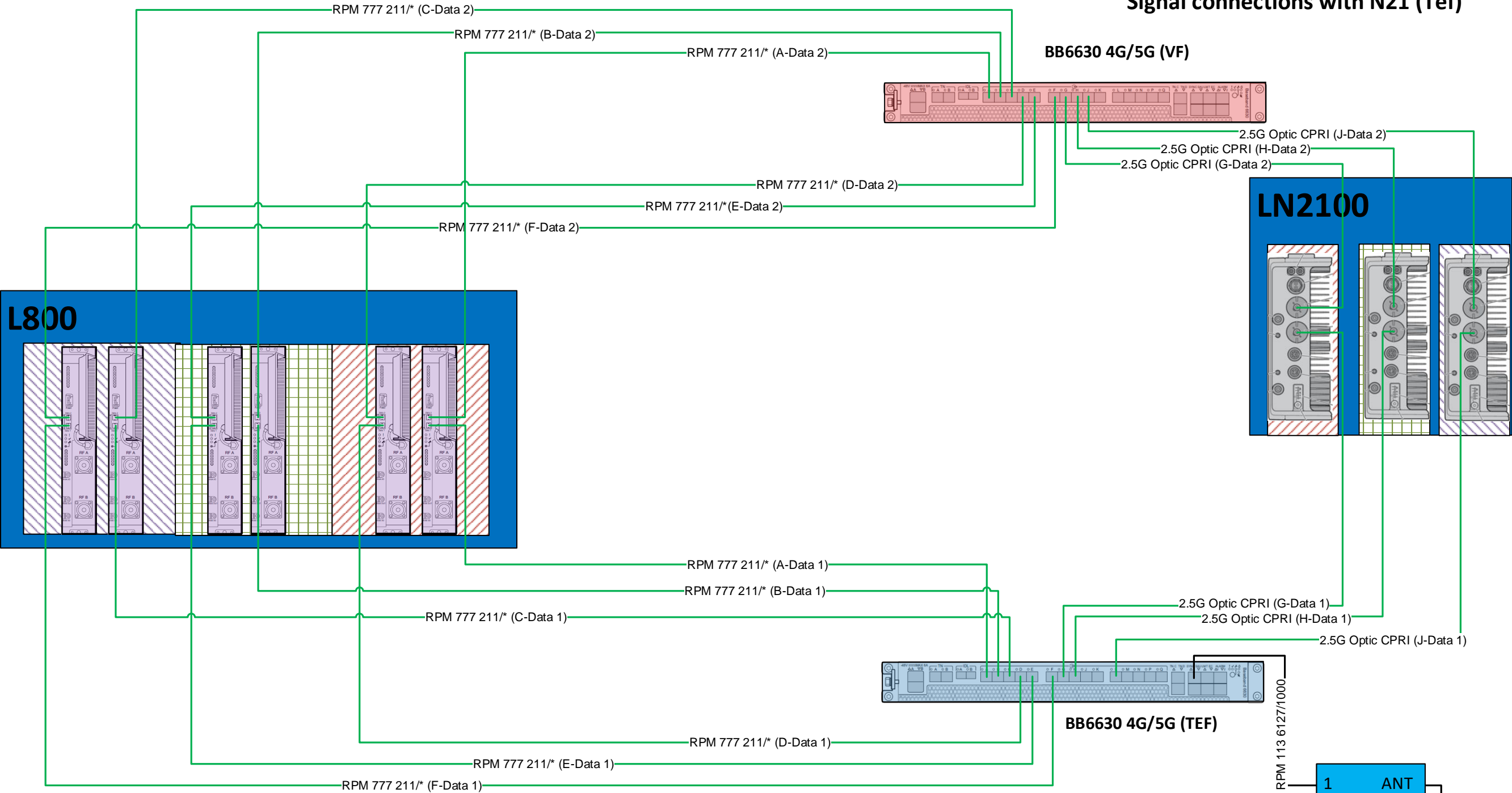
Items 86-88 - RPM 777 274/00650 (Data 2 – Data 1)
Items 80-85 - RPM 777 700/00130 (RXA I/O – RXB I/O)



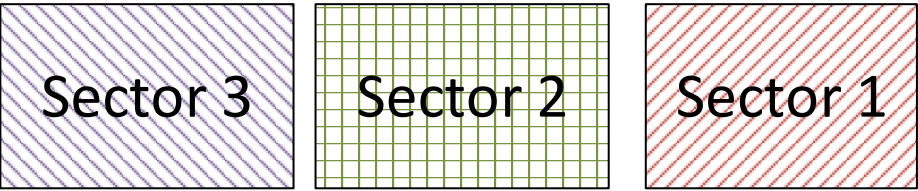
Signal connections for Baseline



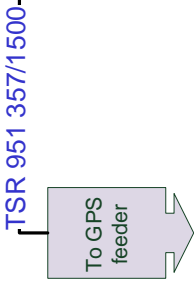
Signal connections with N21 (Tef)



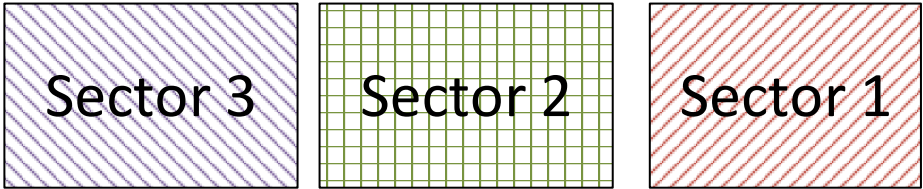
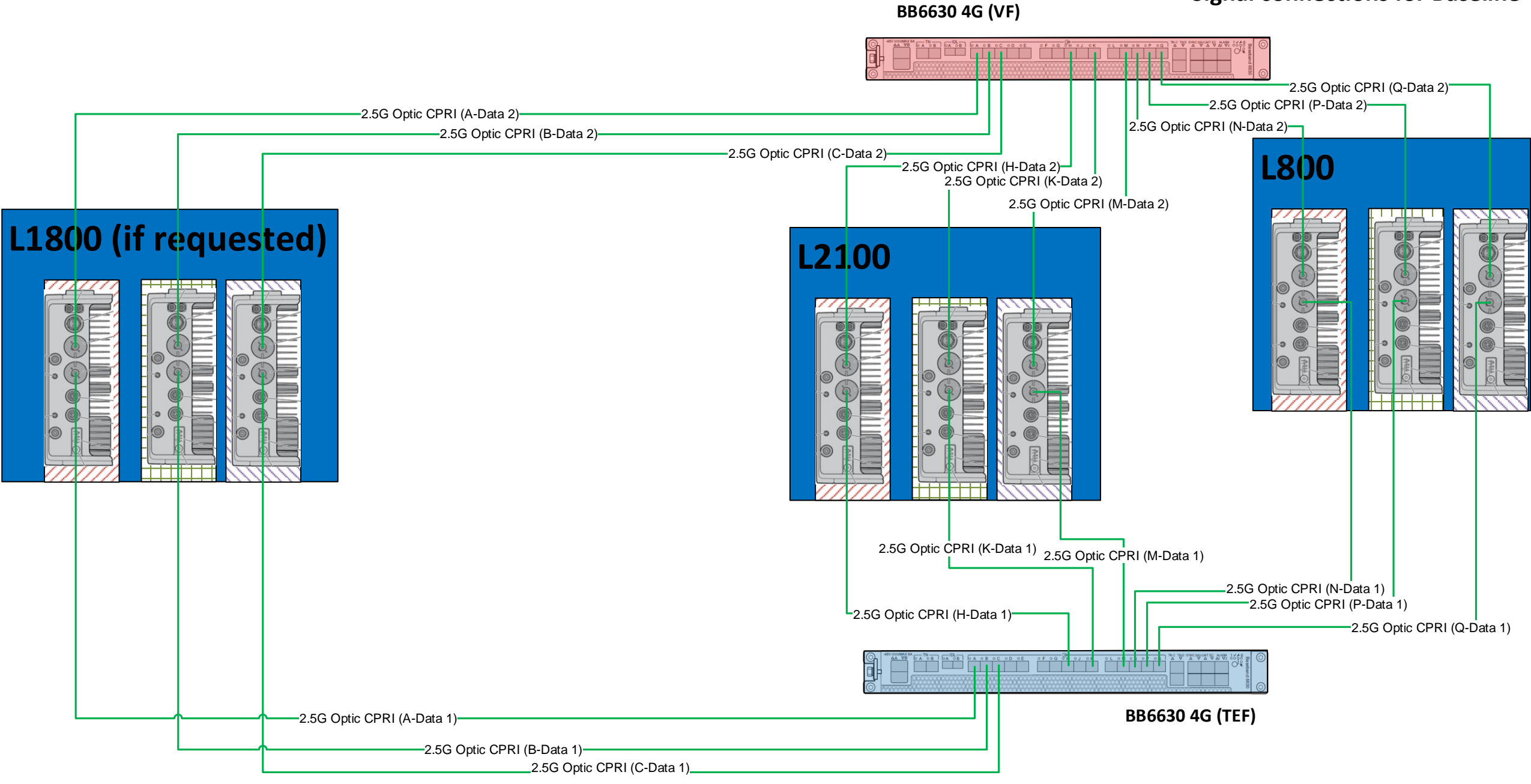
20W Stealth No-L18 (Indoor or Outdoor)



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

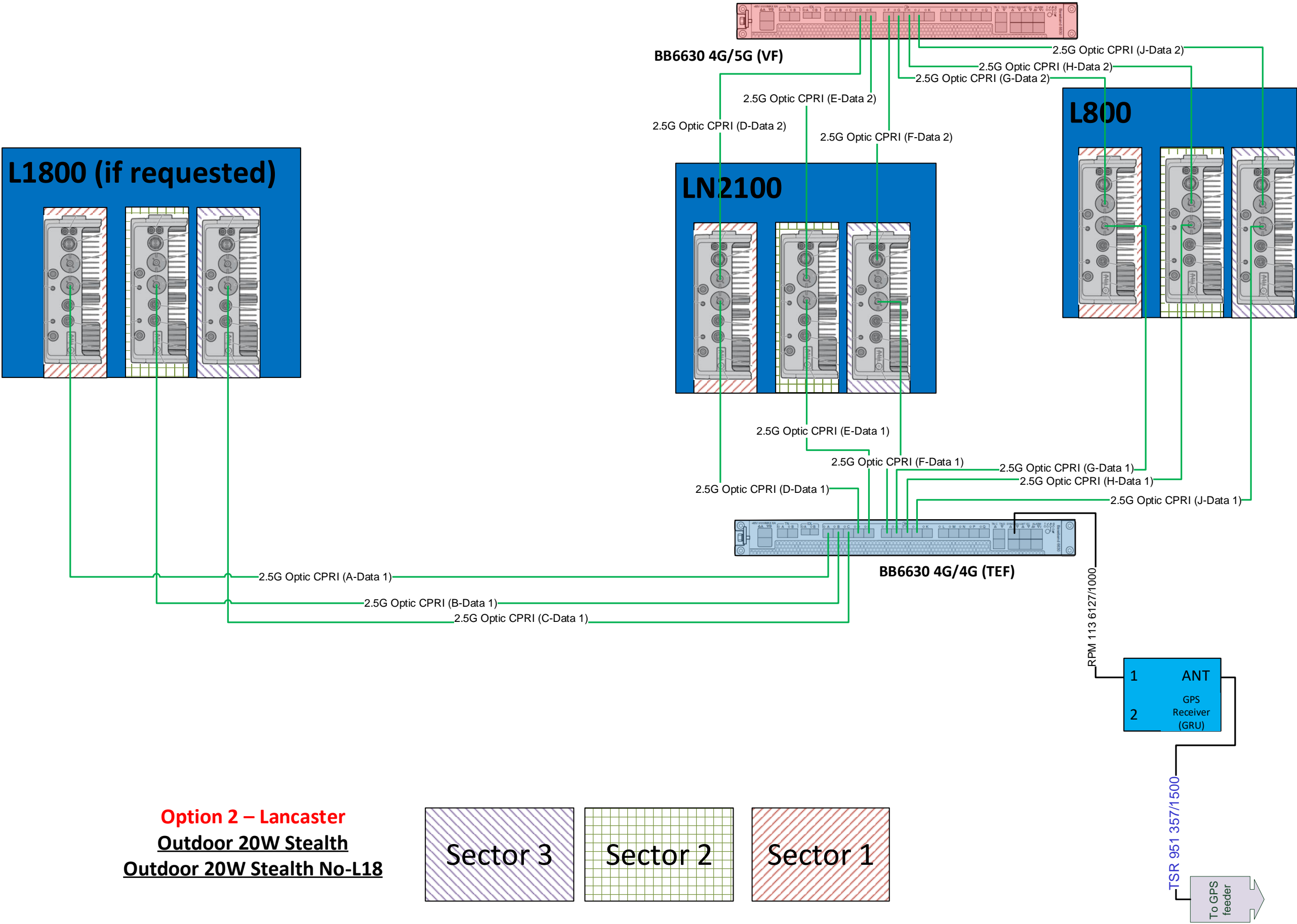


Signal connections for Baseline



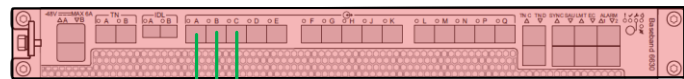
Option 2 – Lancaster
Outdoor 20W Stealth
Outdoor 20W Stealth No-L18

Signal connections with N21 (Tef)



BB6630 4G (VF)

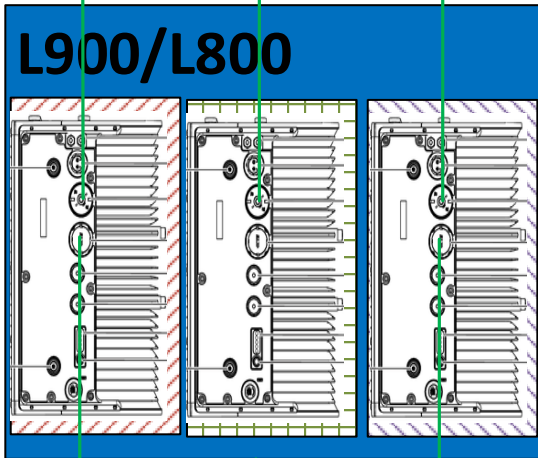
Signal connections for Baseline



10G Optic CPRI (B-Data 2)

10G Optic CPRI (A-Data 2)

10G Optic CPRI (C-Data 2)



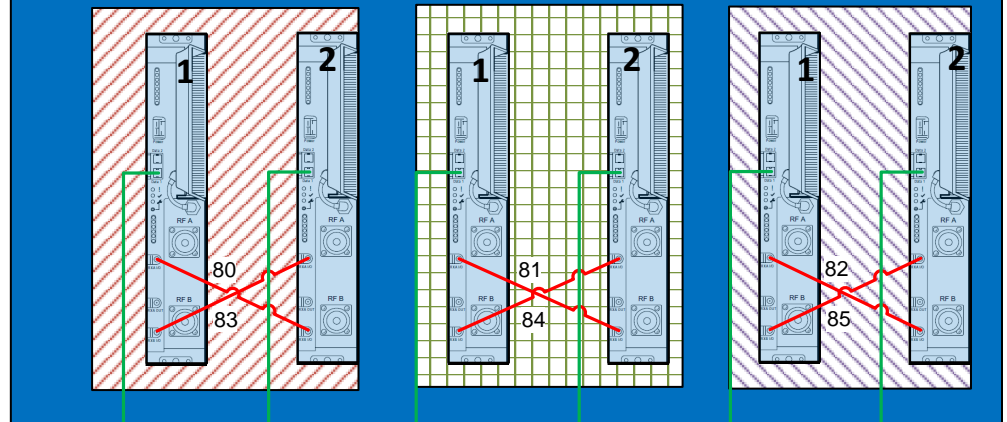
10G Optic CPRI (A-Data 1)

10G Optic CPRI (B-Data 1)

10G Optic CPRI (C-Data 1)

RPM 777 211/*(G-Data 1)

L1800(Low L18 only)



80
83

81
84

82
85

RPM 777 211/*(H-Data 1)

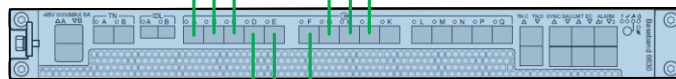
RPM 777 211/*(J-Data 1)

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

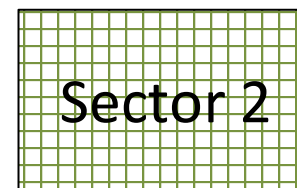
20W Low L18

20W Low UNLR

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



Sector 3

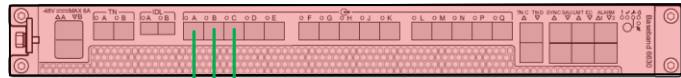


Sector 2



Sector 1

BB6630 4G (VF)

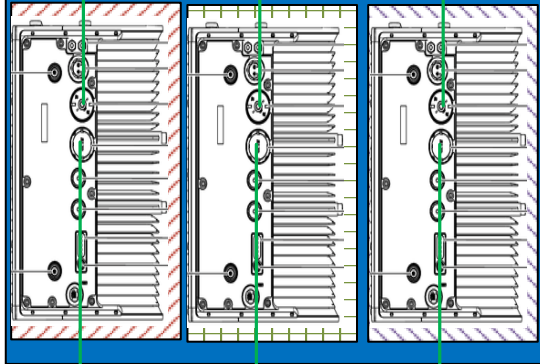


10G Optic CPRI (B-Data 2)

10G Optic CPRI (A-Data 2)

10G Optic CPRI (C-Data 2)

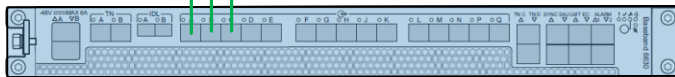
L900/L800



10G Optic CPRI (A-Data 1)

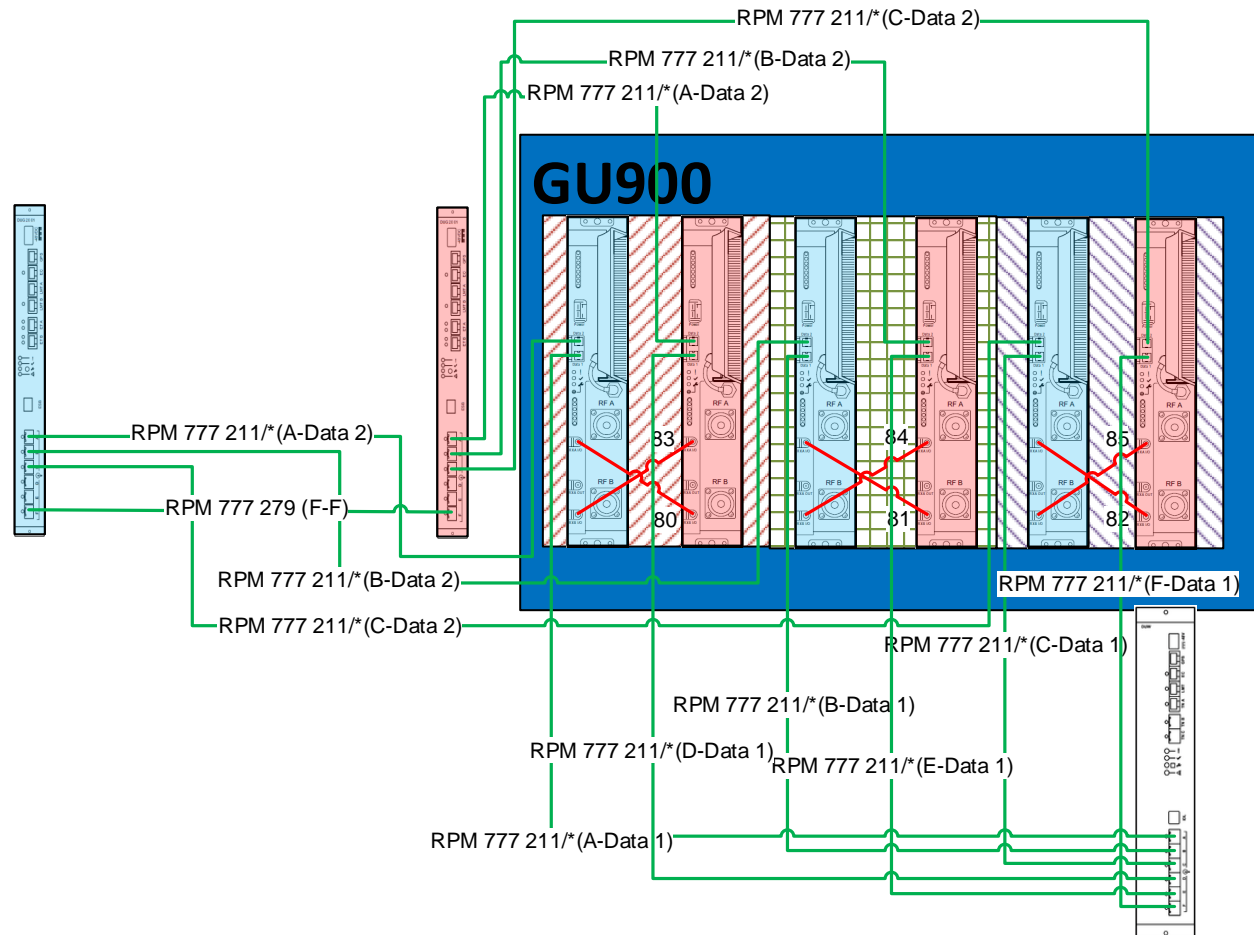
10G Optic CPRI (B-Data 1)

10G Optic CPRI (C-Data 1)



BB6630 4G (TEF)

Signal connections for Baseline

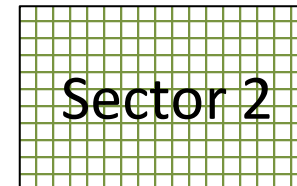


DUW 3G

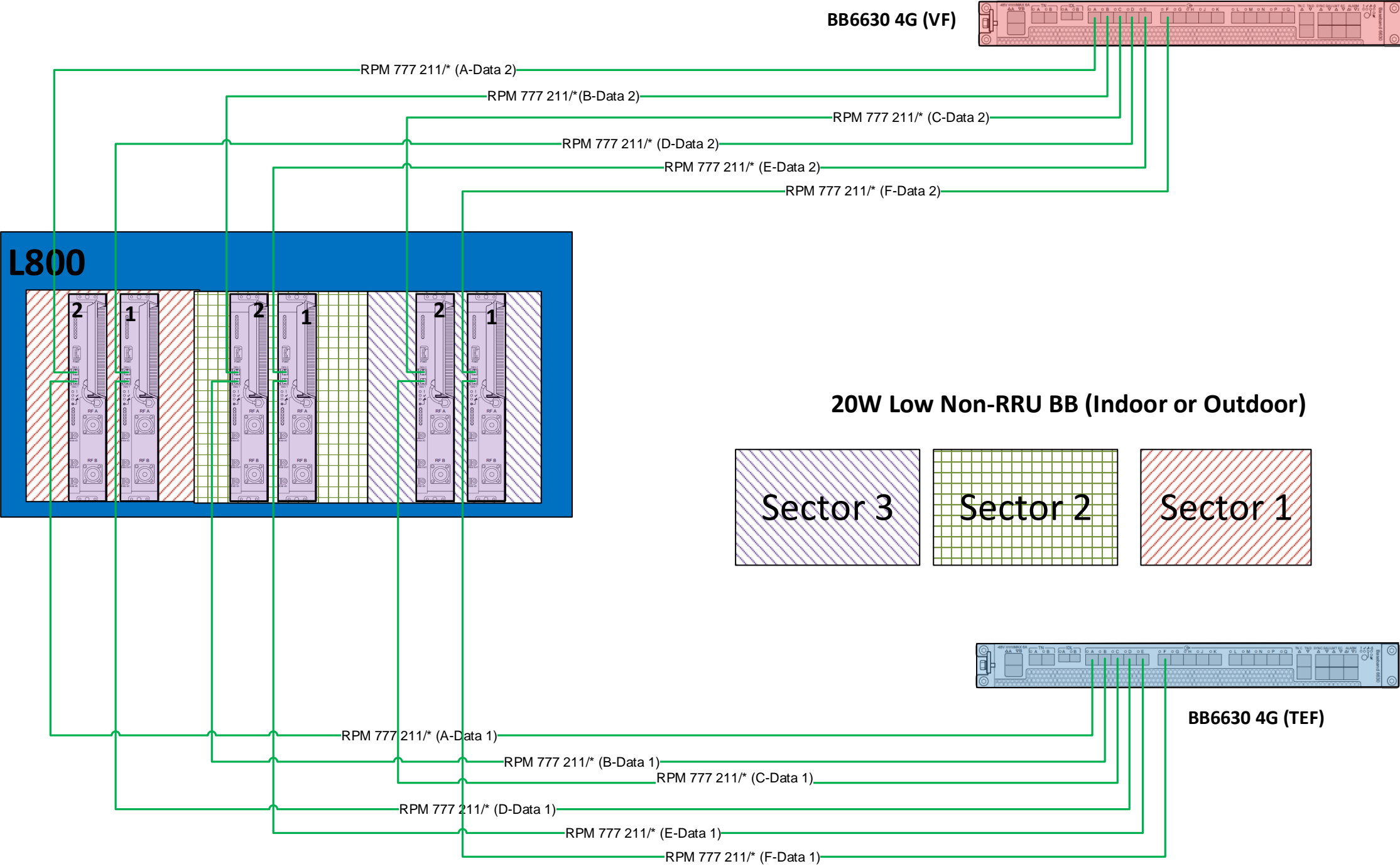
(2xDUW used for 2-sector sites with IDL-IDL & F-F connections)

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

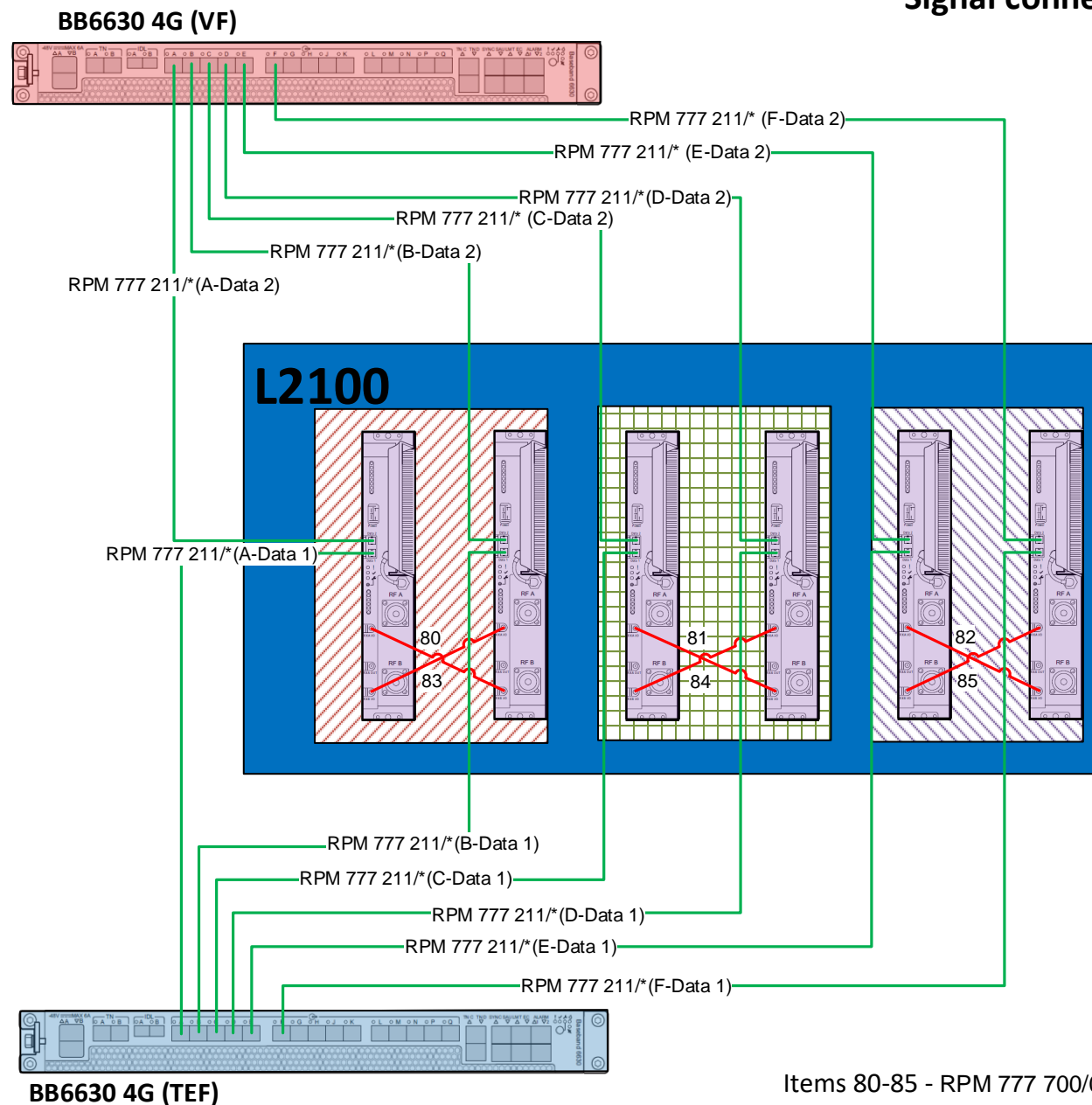
12W Low (Indoor or Outdoor)



Signal connections for Baseline



Signal connections for Baseline



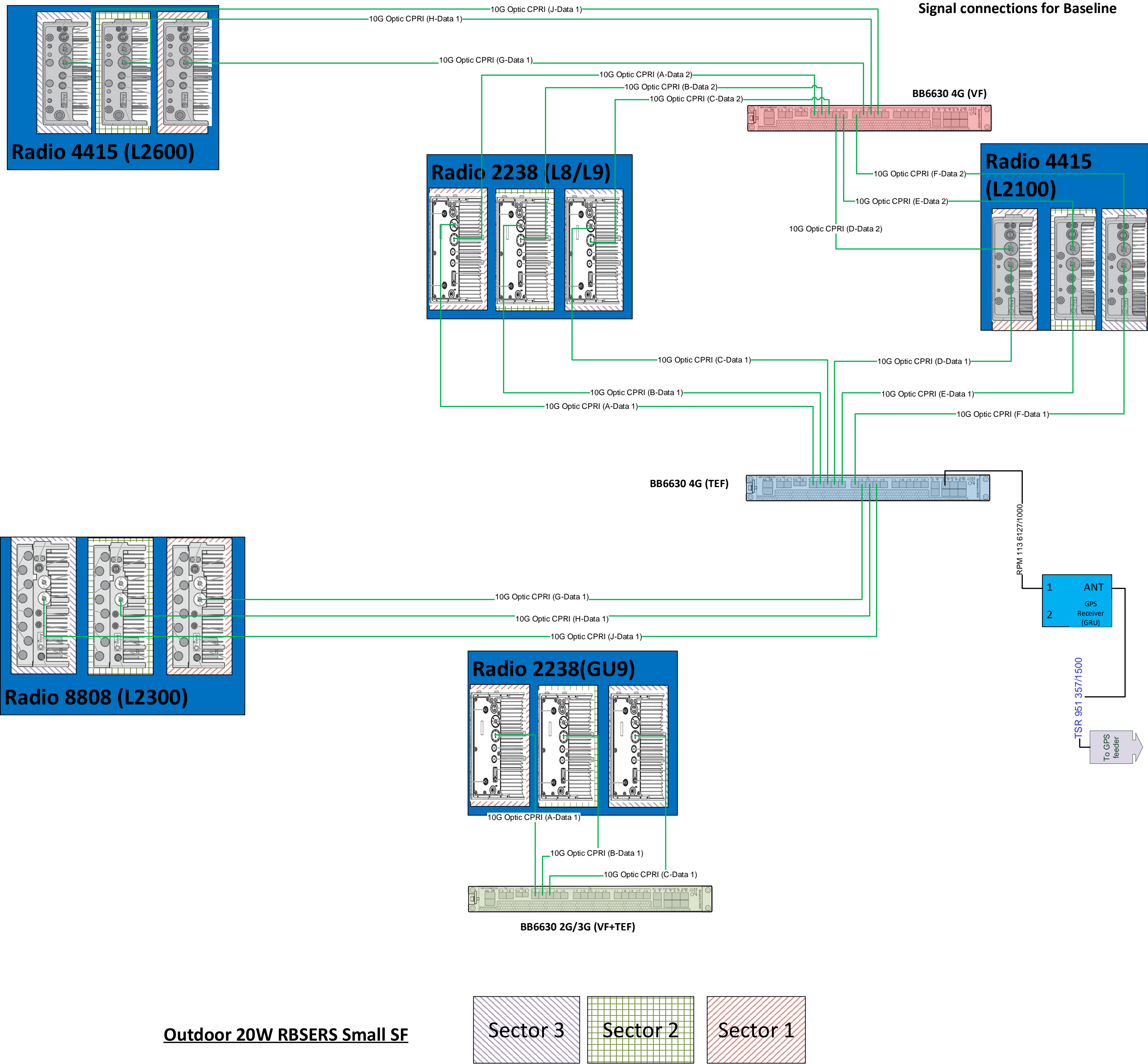
Items 80-85 - RPM 777 700/00130 (RXA I/O - RXB I/O)

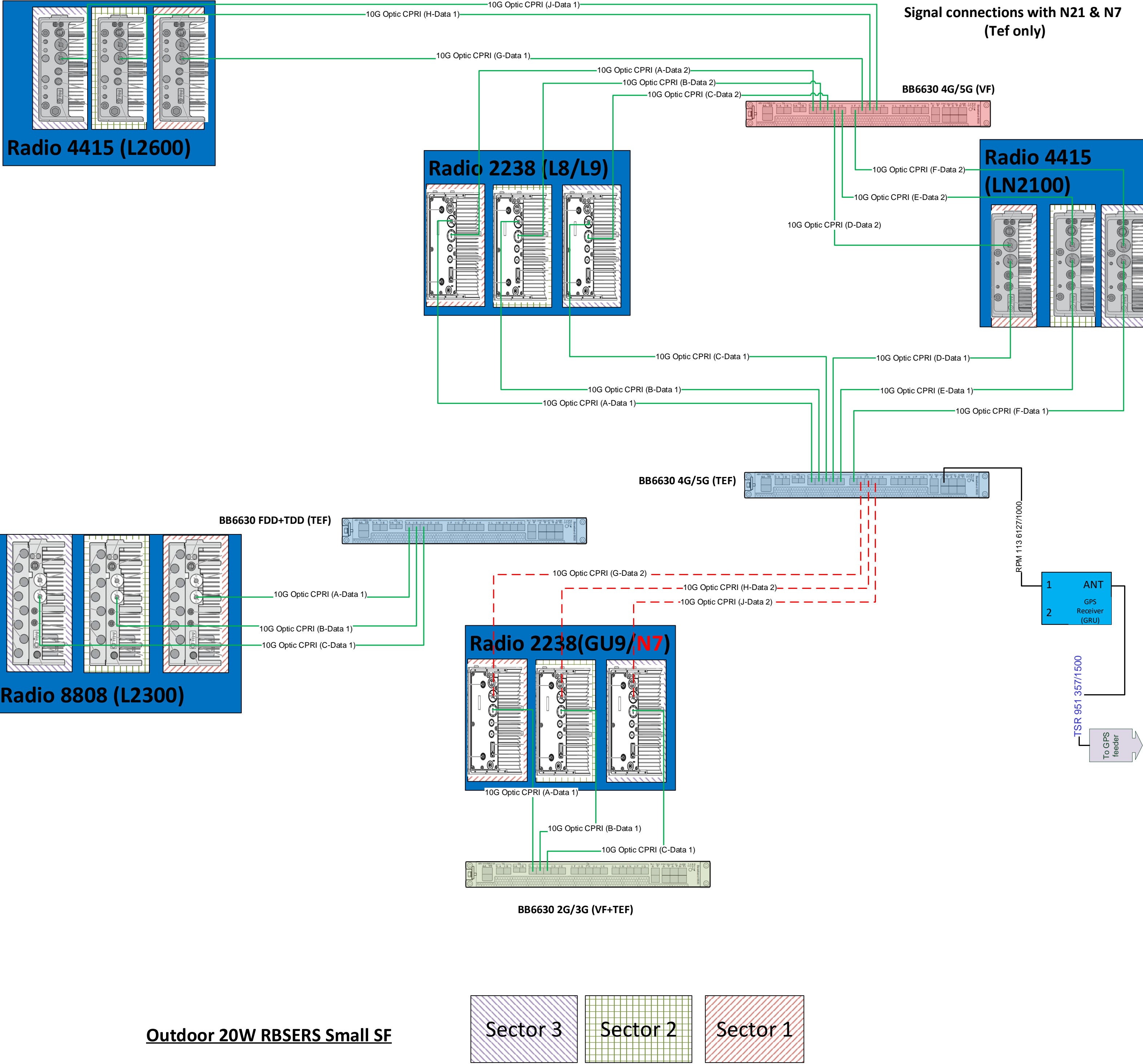
Outdoor 20W L2100 RUS UU21
Outdoor 20W L2100 RUS UU21 SF

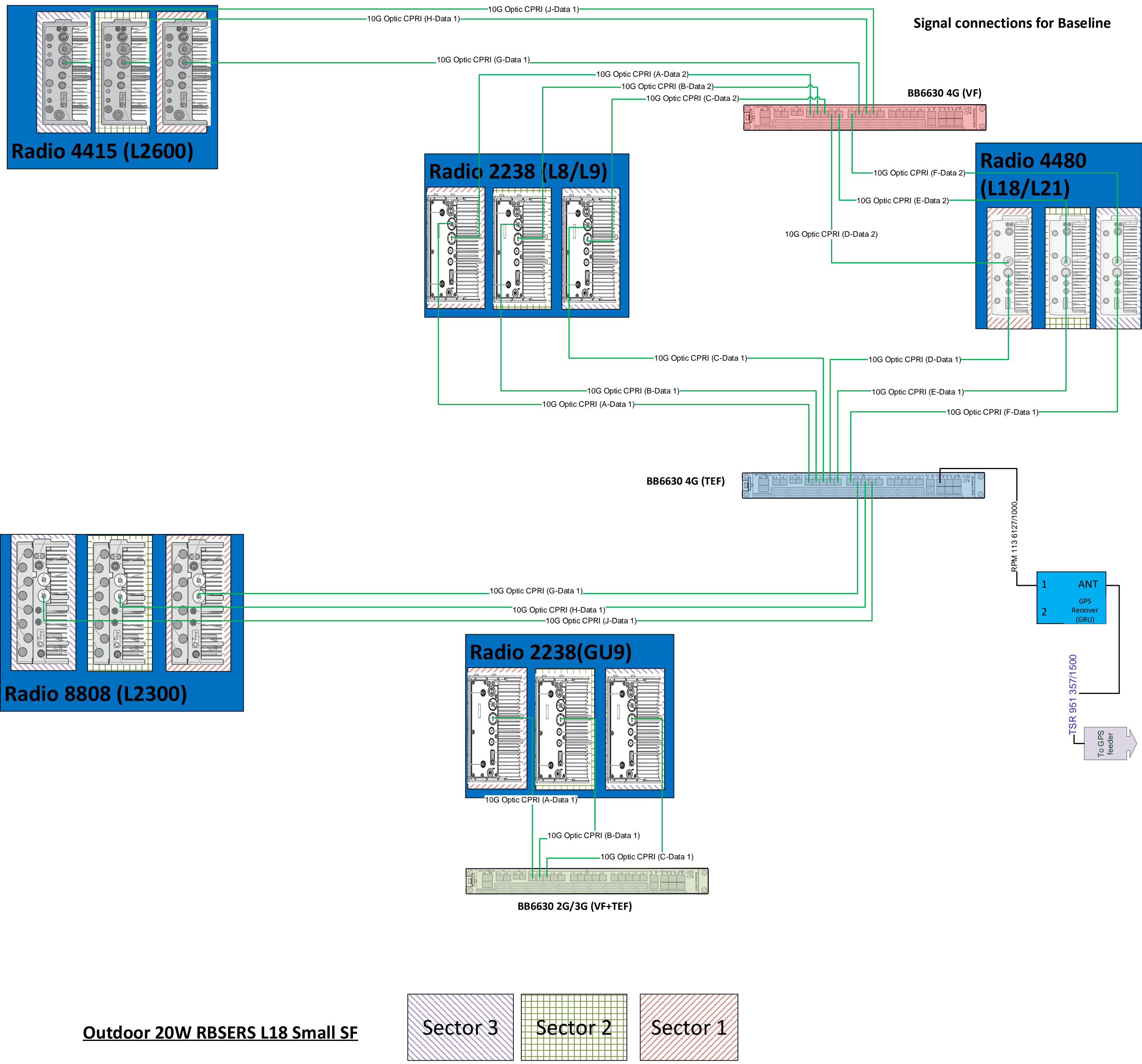
Sector 3

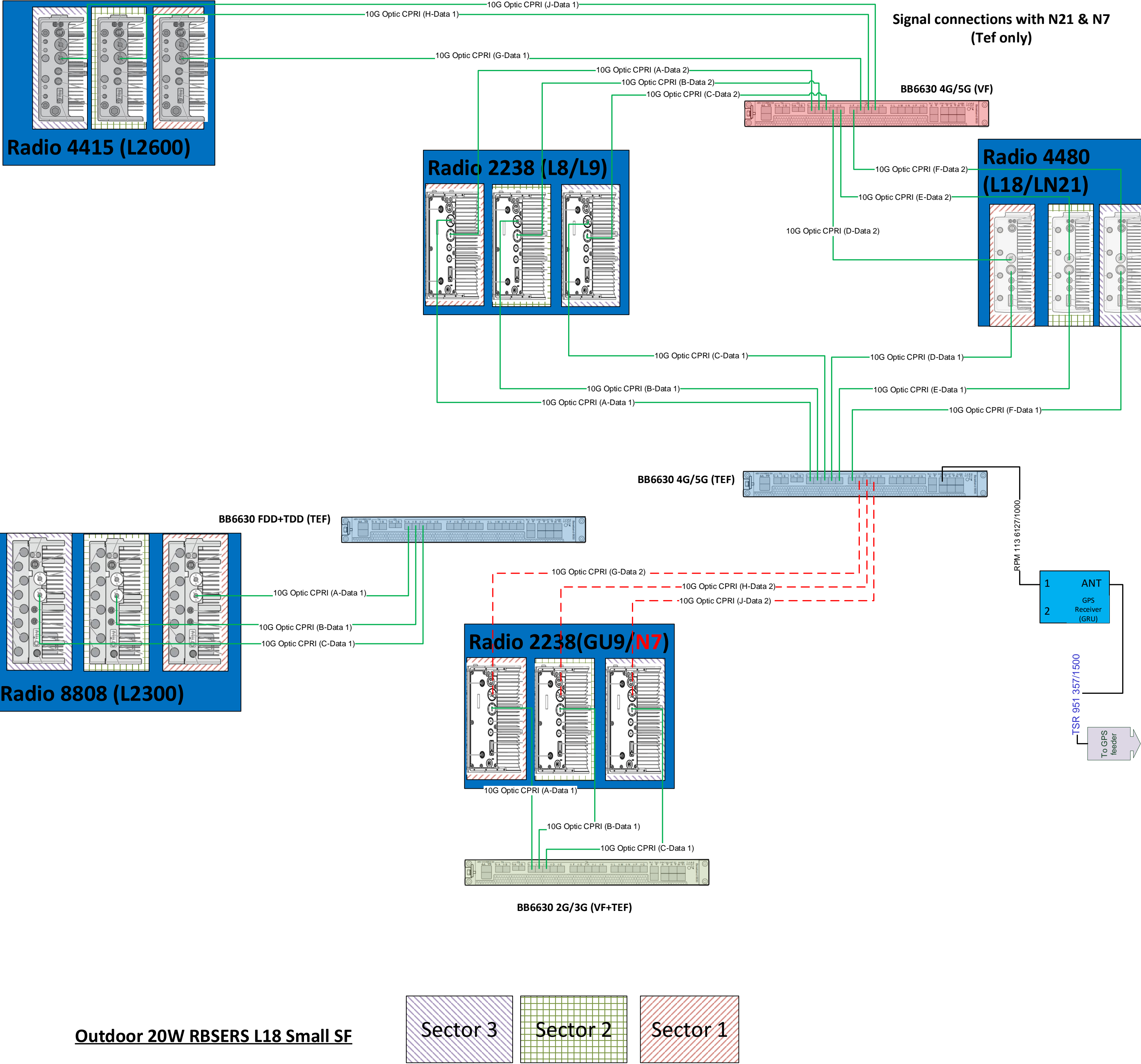
Sector 2

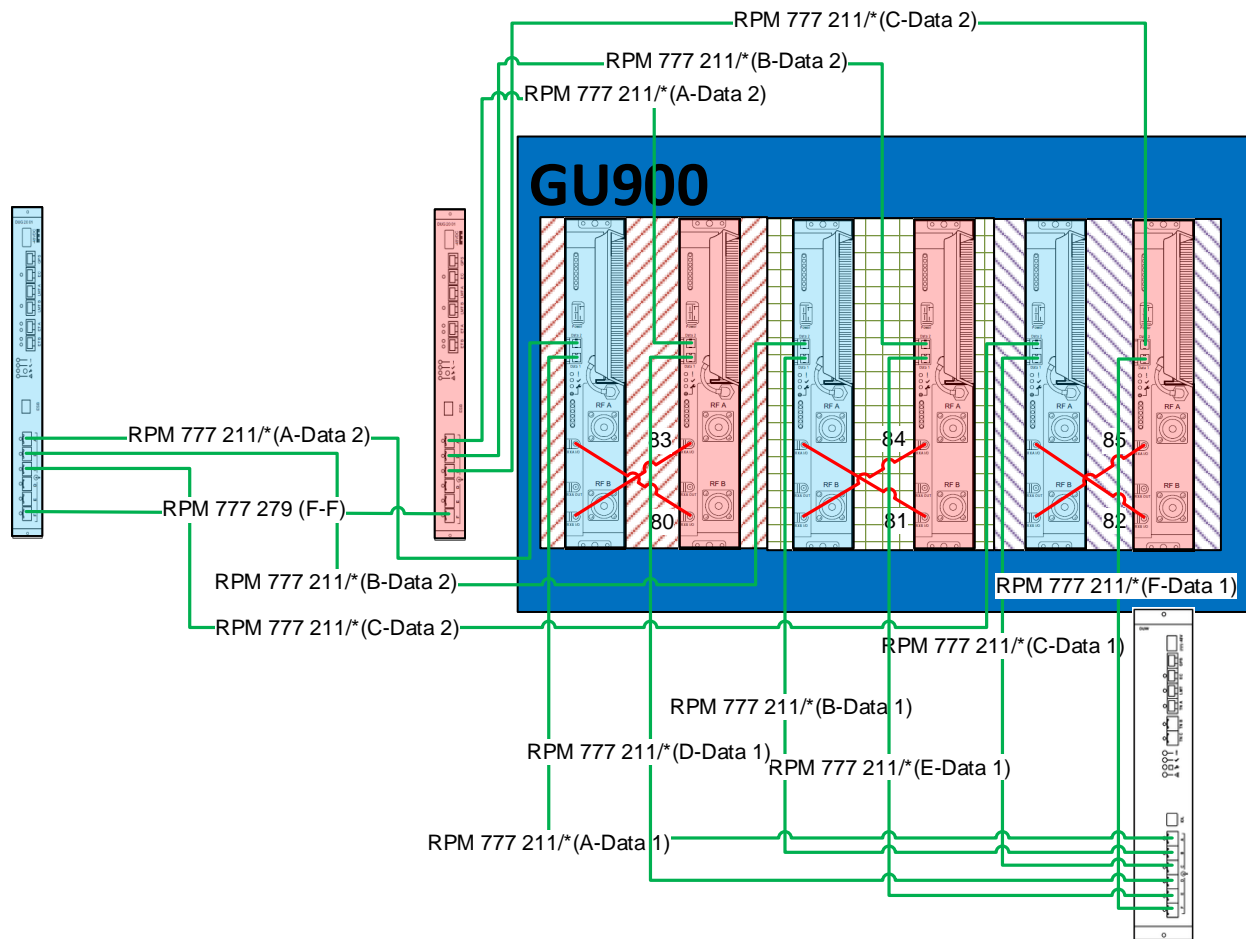
Sector 1



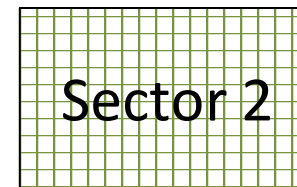


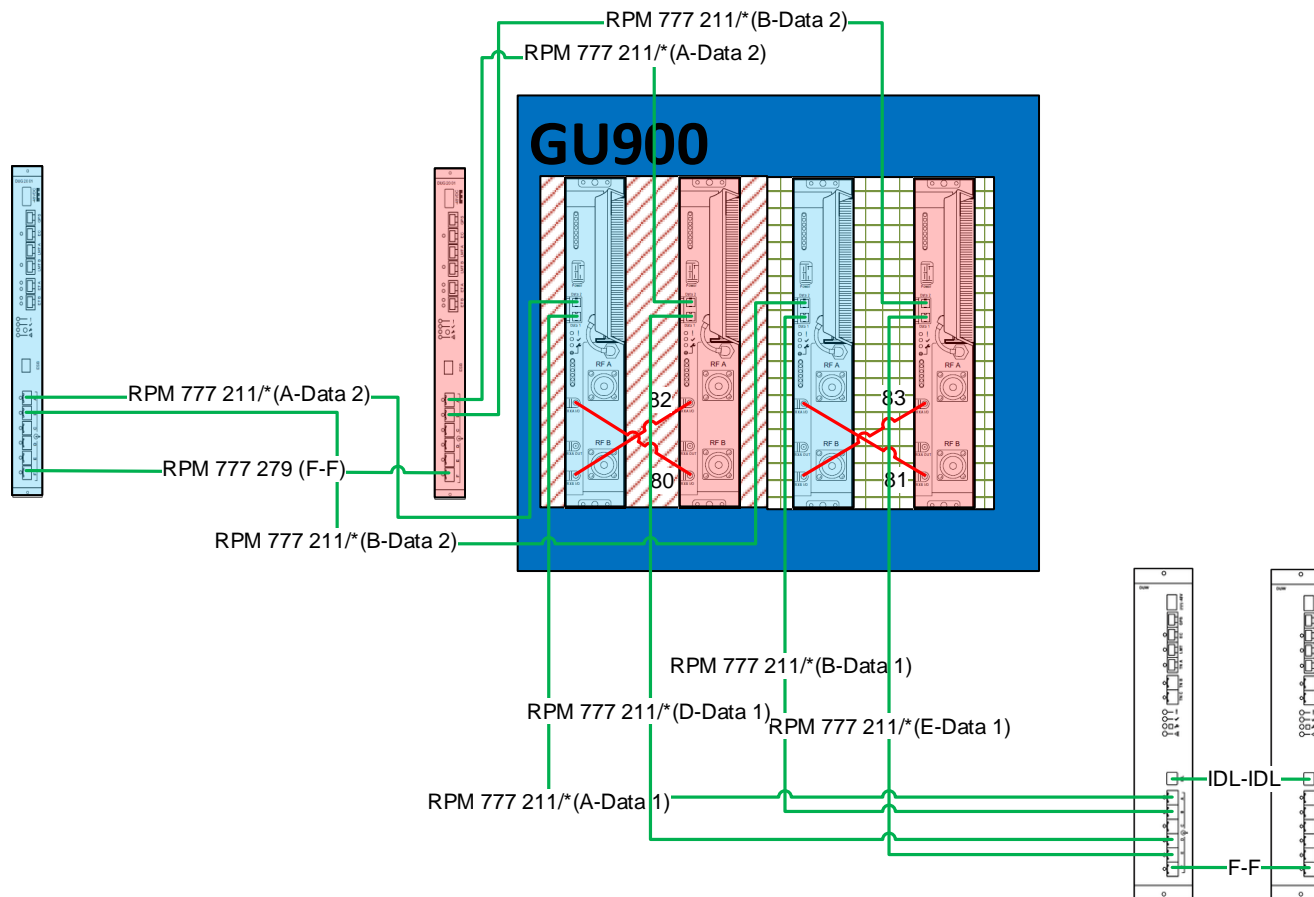






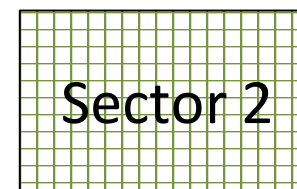
Signal connections for GU900 12W/20W (3-sector)
 Items 80-85 - RPM 777 700/00130 (RXA I/O – RXB I/O)



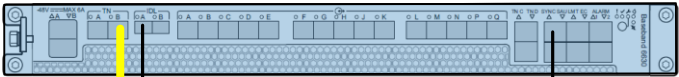


Signal connections for GU900 12W (2-sector)

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



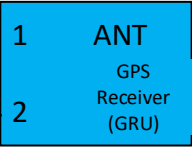
BB6630 4G (TEF)



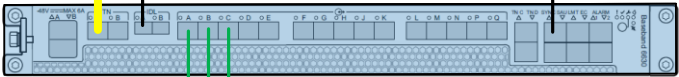
10G Optic (TN B- TN A)
(IDL A- IDL A)

RPM 113 6127/1000(1-SYNC)

RPM 113 6127/1000(2-SYNC)



BB6630 5G (TEF)

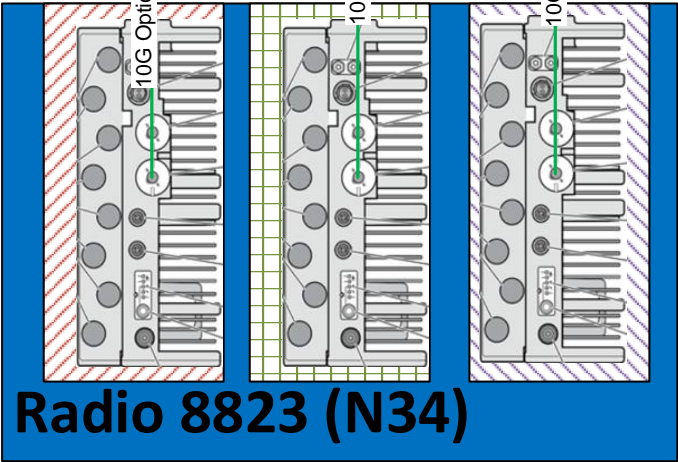


10G Optic CPRI (A-Data 1)

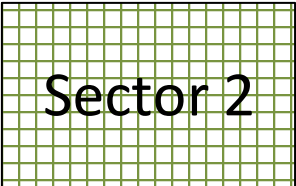
10G Optic CPRI (B-Data 1)

10G Optic CPRI (C-Data 1)

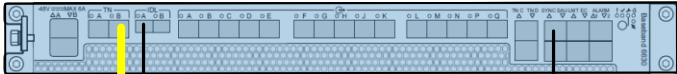
TSR 951 357/1500



Signal connections for 5G 8x8 (TEF)



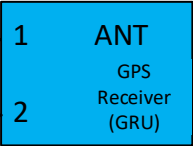
BB6630 4G (TEF)



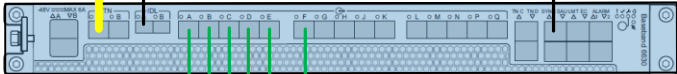
10G Optic (TN B- TN A)
(IDL A- IDLA)

RPM 113 6127/1000(1-SYNC)

RPM 113 6127/1000(2-SYNC)

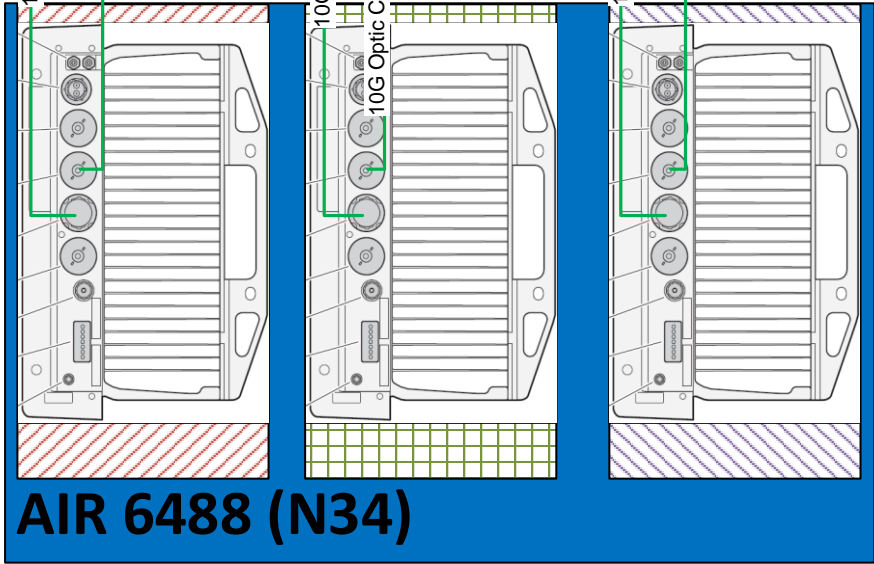


BB6630 5G (TEF)

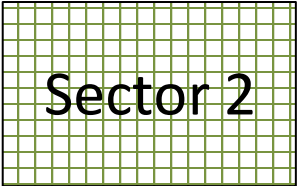


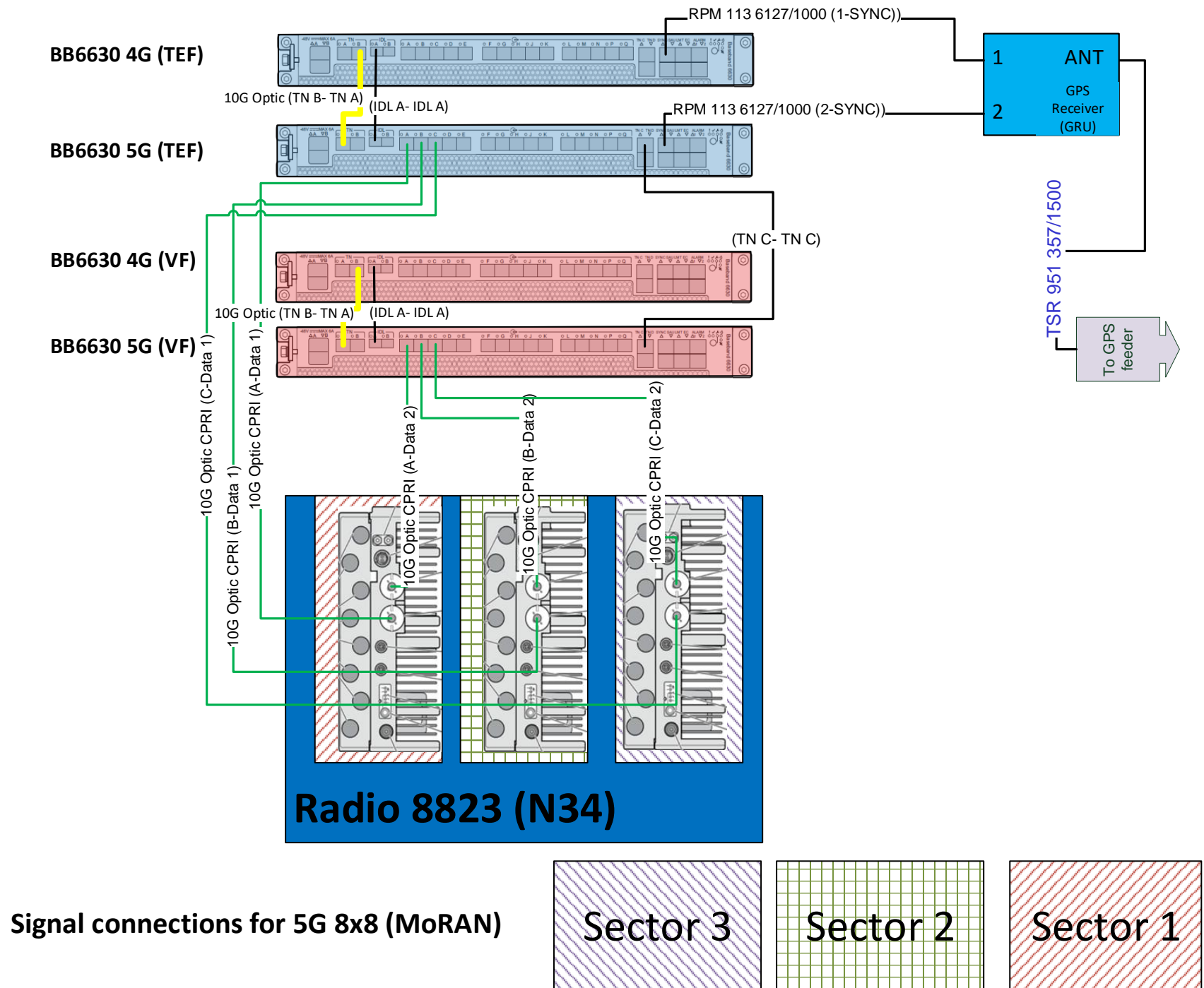
10G Optic CPRI (A-eCPRI 1)
10G Optic CPRI (D-eCPRI 2)
10G Optic CPRI (B-eCPRI 1)
10G Optic CPRI (E-eCPRI 2)
10G Optic CPRI (C-eCPRI 1)
10G Optic CPRI (F-eCPRI 2)

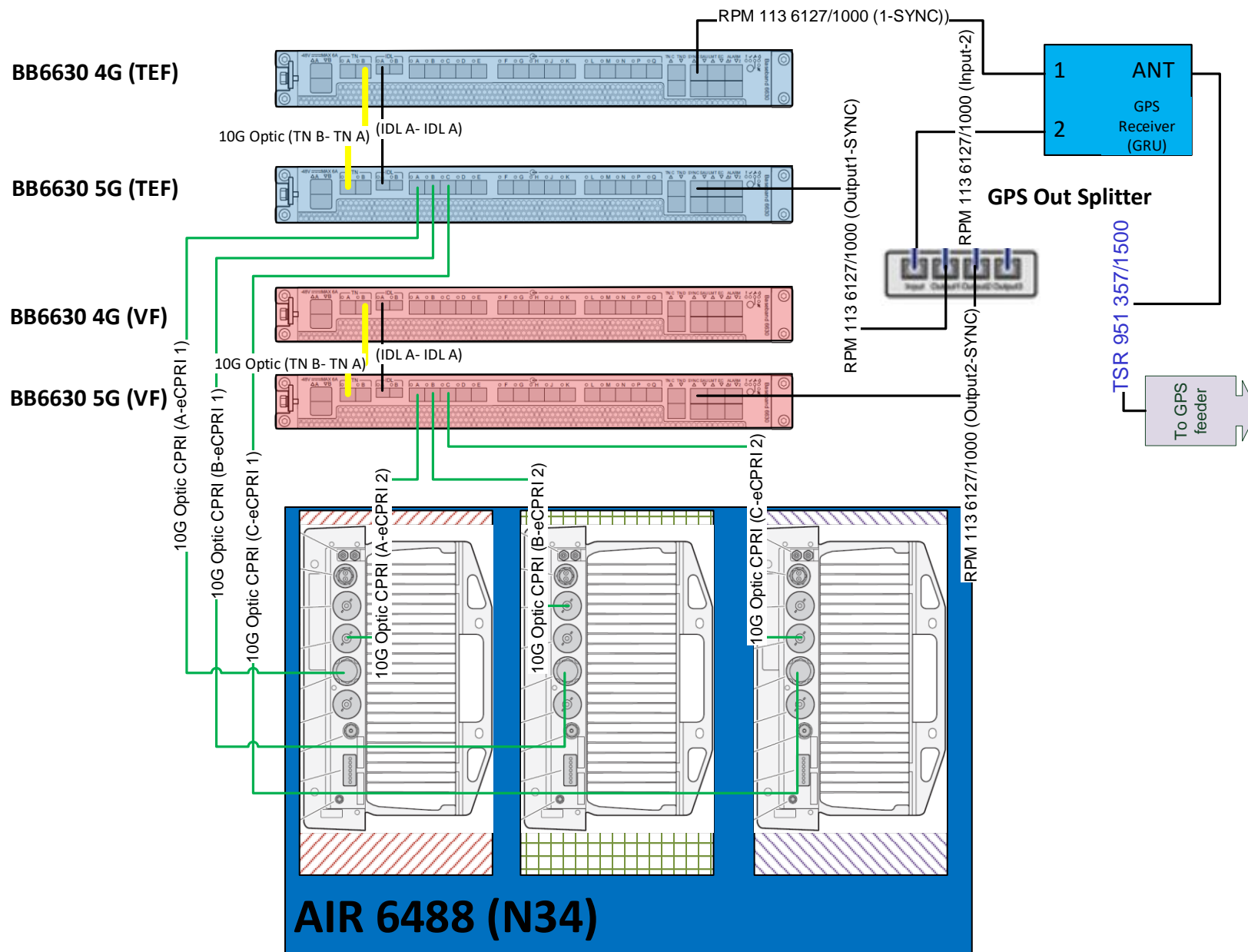
TSR 951 357/1500



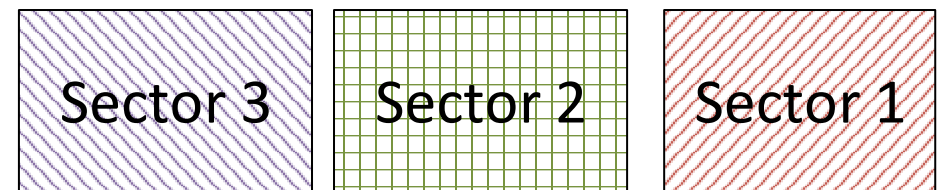
Signal connections for 5G M-MiMO (TEF)



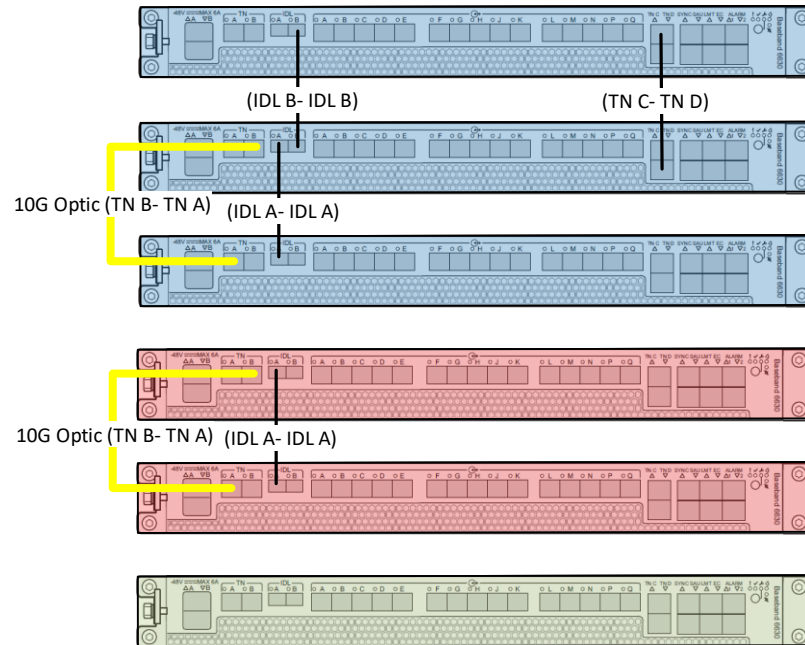




Signal connections for 5G M-MiMO (MoRAN)



Transmission connections For MoRAN



BB6630 TDD+FDD (TEF)

BB6630 4G/5G (TEF)

BB6630 5G (TEF)

BB6630 4G/5G (VF)

BB6630 5G (VF)

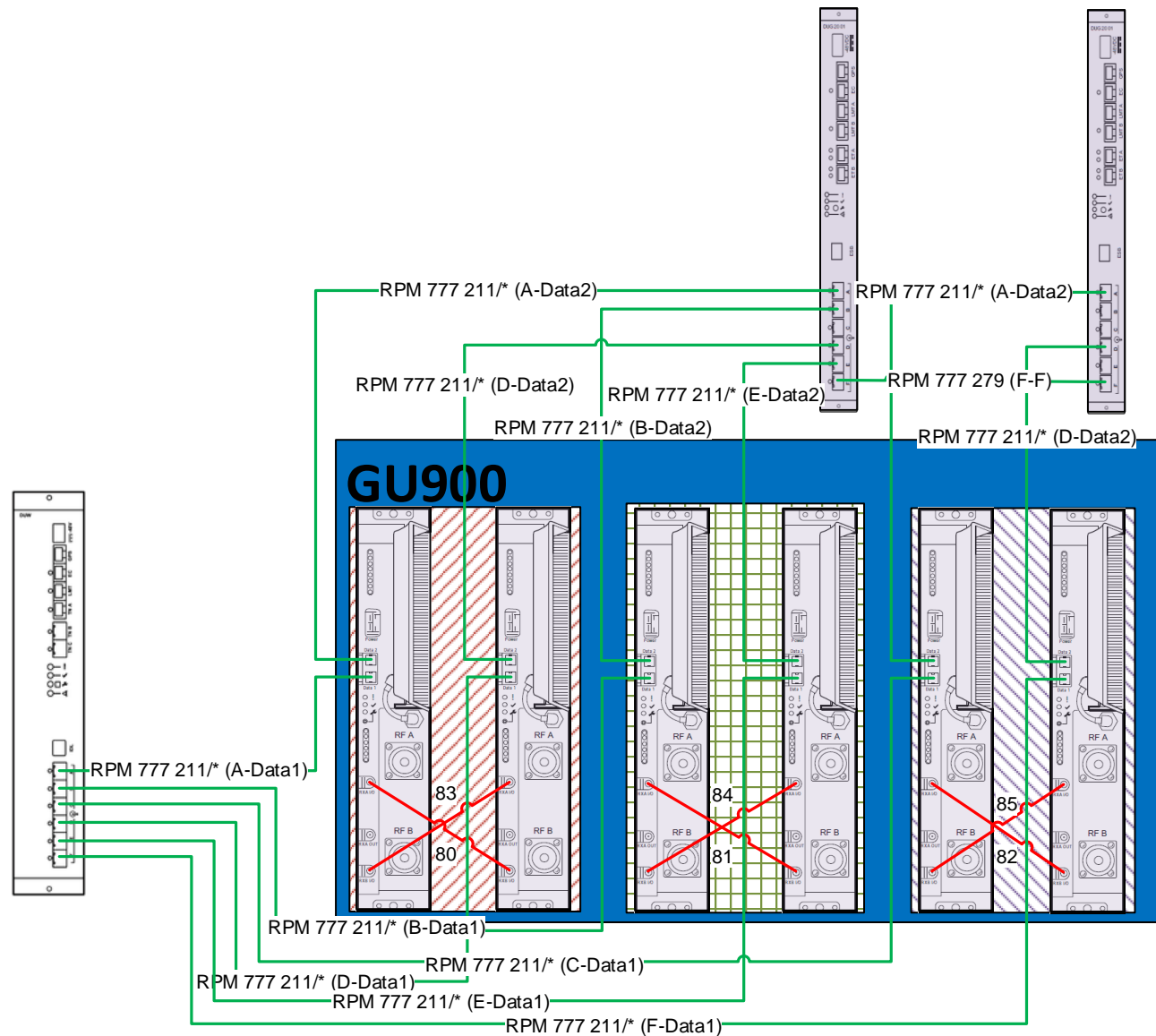
BB6630 2G/3G (VF+TEF)

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)

