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1. Gradient Cable Connection

1. Connect the Gradient Cable to the Gradient filter as following illustration. (Machine Room Side)

GRADIENT CABLE CONNECTION (MACHINE ROOM SIDE)
ILLUSTRATION 1

2. Connect the Gradient Cable to P.P as following illustration.(Scan Room Side)

GRADIENT CABLE CONNECTION (SCAN ROOM SIDE)
ILLUSTRATION 2

2. Duct Cable Routing

Run the gradient cables, signal cables, receiver cables, and Tx cables separately in the duct. Otherwise, cables may cause the noise problem.

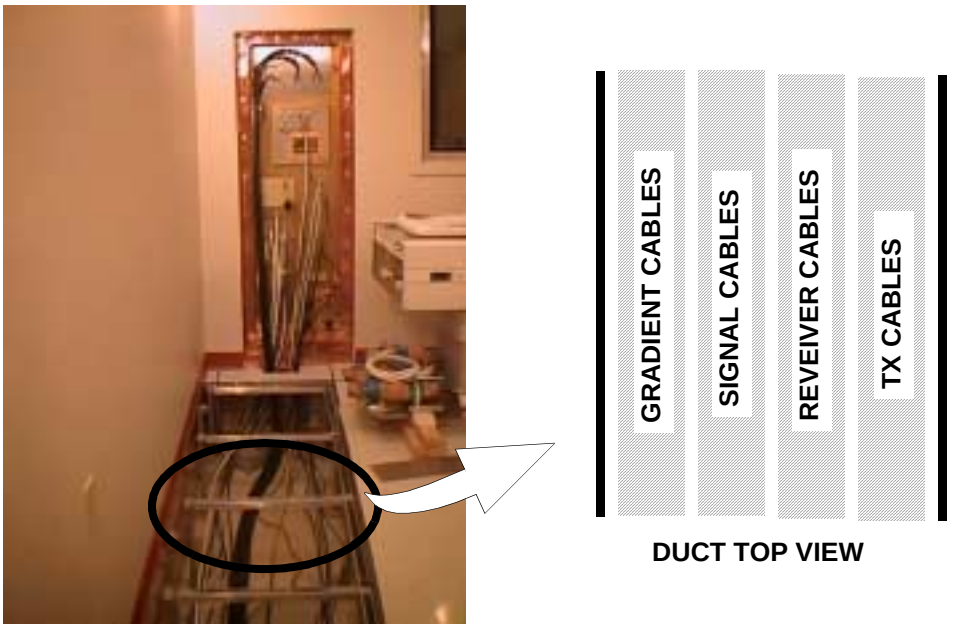

ILLUSTRATION 3

3. Optical Cable

CAUTION

Fiber optic cables are easily damaged! Handle fiber optic cables very carefully. Failure to do so may cause intermittent problems difficult to isolate. Do not bend fiber optic cables to radius smaller than two inches.

4. Dynamic Disable Cable

Run number 775 & 777 cables(Dynamic Disable Cable, PP-GRFD) may cause the noise problem. To avoid this problem, separate these cables from the other cables as far as possible.

5. Notice for RF Cable

If it is necessary to cut off the RF cable, follow the instruction for cutting cable and installing connector which is provided with each cable kit.

6. Notice for Gradient Cable

Never cut off GPS cables(X,Y, Z) from Power Cabinet to SRU terminal(machine room side), and from SRU terminal (scan room side) to magnet rear terminal.

Revision History

Rev	Date	Author	Primary Reasons For Change
0	Feb 9, 2001	Y. Masumo	Initial Version
1	Oct 17, 2001	Y. Masumo	Added Notice of RF Cable and Gradient Cable