The following table compares the various proposals for GWB racks placement in the correlator Room.

Proposal#	*Requirements / Features.							Average1$	Average2$
	1	2	3	4	5	6	7		
1	5	5	5	3	5	4	5	4.25	4.4
2	5	4.5	3(^1)	5	5	4	4	4.50	4.2
3	4	4.5	4.5(^2)	3	4	4	5	4.00	4.1
4	5	5	5	3	5	4	4	4.00	4.2
5	5	4.5	3(^3)	5	4	4	4	4.25	4.0
6	4	5	2(^4)	4	3	5	5	4.25	3.8

#Notes :
1. For Propasals, please refer the corresponding image files.
    {"ImageCorrRoomPr*.fig" where, * is the proposal number.
2. Loss of power/100feet of RG223 cable is about 4db for a signal of 1GHz(as per the webpage)
    www.*rfelektronik.se/manuals/Datasheets/**Coax**ial_Cable_Attenuation_Chart.pdf*
3. Cool air inlets and hot air outlets requirement is 3 each for GWB 30 ant. System. Each cool air inlet is giving about 1000cfm. So each rack can draw about 600cfm of cool air.

Agerage1$: This is the average of Requirements/Features points 4 to 7 only. Ignored 1 to 3, because they are not so important technically. This needs group debate (which point among 4 to 7 carries more weightage! & there is scope for revision of marks).
Agerage2$: This is the average of Requirements/Features points 3 to 7 only. Eventhough point 3 is non technical, it may needs to be considered.

(^1) : Removing of existing GWB3 & moving of PKTZ+ racks by one tile is required.
(^2) : Removing of existing GWB3, if we use 6th rack.
(^3) : Removing of existing GWB3 & moving of PKTZ+ racks by one tile is required.
(^4) : Removing of existing GWB3 & PKTZ+ racks completly (or moving to other location)

***Requirements/Features :**
1. Racks/Material/Man movement through door and inside the room.
        Noproblem=Excellent(5) & Difficult=(1)
2. Access of input signal panel. Noproblem=Excellent(5) & Difficult=(1)
3. Shifting of existing set-up. NotRequired/Easy=Excellent(5) & Difficult=(1)
4. Length of input signal cables. Less=Excellent(5) & More=poor(1)
5. Space for feature expansion. More=Excellent(5) & Less=poor(1)
6. Accessability of cool air inlet ducts. Near/easy=Excellent(5) & Away/difficult=(1)
7. Accessability of hot air outlet ducts. Near/easy=Excellent(5) & Away/difficult=(1)