

Overview XFEL High Power RF Planning

	2007	2008	2009	2010	2011	2012	2013	2014	Remarks
Prototypes									
Prototype MBK	1	2							
Prototype PT		1							
Prototype Waveguide Distribution	1	1							
Prototype Modulator		2							
Start tender XFEL versions		1							
Start order XFEL versions			1						
Injector									
MBK					2				
PT					2				
Interlock					2				
Preamp.					2				
Aux.					2				
Waveguide 8 cav.					1				
Waveguide Gun					1				
# of RF stations in injector					2				
XTL Tunnel									
MBK				4	10	12	3		1 piece per month
PT				4	10	12	3		1 piece per month / maybe faster
Interlock				4	10	12	3		1 piece per month / maybe faster
Preamp.				4	10	12	3		1 piece per month / maybe faster
Aux.				4	10	12	3		1 piece per month / maybe faster
Waveguide 8 cav.				16	40	48	12		4 piece per month / e.g. 32 circulators per month
# of RF stations in tunnel						24	5		29 station in 11 month
# of 8 cav. waveguide distributions						104	12		116 distributions in 11 month
Teststand AMTF									
MBK			3						might be necessary to use FLASH versions
PT			3						might be necessary to use FLASH versions
Interlock			3						might be necessary to use FLASH versions
Preamp.			3						might be necessary to use FLASH versions
Aux.			3						might be necessary to use FLASH versions
Waveguide 8 cav.			3						special version for high power test
Modulators			3						might be necessary to use FLASH versions
Teststand Tunnel RF									
Klystron				1					use for waveguide test
PT				1					use for waveguide test
Interlock				1					use for waveguide test
Preamp.				1					use for waveguide test
Aux.				1					use for waveguide test
Waveguide 8 cav.				0					
Modulators				2					1 pc for Klystron test/ 1 pc for Waveguide test
Modulator Hall									
Modulators for injector and xtl				6	10	12	3		1 piece per month
# of modulators in hall					16	12	3		