

$${}^2F_4(2)'.2 \pmod{2}$$

	blocks	defect	matrix
$G :$	1 2	12 0	28×3 $4096_1 = \chi_{21+}, \varphi_{4+}$

Block 1:	$\varphi_{1,0}$	$\varphi_{2,0}$	$\varphi_{3,0}$	
$1_1 = \chi_{1,0}$	1	.	.	
$1_2 = \chi_{1,1}$	1	.	.	
$52_1 = \chi_{2+}$.	2	.	
$27_1 = \chi_{4,0}$	1	1	.	
$27_2 = \chi_{4,1}$	1	1	.	
$27_3 = \chi_{5,0}$	1	1	.	
$27_4 = \chi_{5,1}$	1	1	.	
$78_1 = \chi_{6,0}$.	3	.	
$78_2 = \chi_{6,1}$.	3	.	
$300_1 = \chi_{7,0}$	2	2	1	
$300_2 = \chi_{7,1}$	2	2	1	
$325_1 = \chi_{8,0}$	1	3	1	
$325_2 = \chi_{8,1}$	1	3	1	$\varphi_{1,0} = 1_1$
$351_1 = \chi_{9,0}$	1	4	1	$\varphi_{2,0} = 26_1$
$351_2 = \chi_{9,1}$	1	4	1	$\varphi_{3,0} = 246_1$
$351_3 = \chi_{10,0}$	1	4	1	
$351_4 = \chi_{10,1}$	1	4	1	
$351_5 = \chi_{11,0}$	1	4	1	
$351_6 = \chi_{11,1}$	1	4	1	
$1248_1 = \chi_{12+}$	4	10	4	
$650_1 = \chi_{14,0}$	2	6	2	
$650_2 = \chi_{14,1}$	2	6	2	
$675_1 = \chi_{15,0}$	1	7	2	
$675_2 = \chi_{15,1}$	1	7	2	
$1404_1 = \chi_{16+}$	4	16	4	
$2600_1 = \chi_{18+}$	8	24	8	
$1728_1 = \chi_{20,0}$	4	19	5	
$1728_2 = \chi_{20,1}$	4	19	5	