$\mathsf{demod} \llbracket id, ((id_c\ phase_c)\ (id_n\ phase_n)\ ...),$
$\quad ((\mathsf{module}\ id\ (req_m\ ...)\ (code_{m0}\ ...\ (0\ expr_m)\ code_{mn}\ ...))$
$\quad\ (\mathsf{module}\ id_c\ ((\mathsf{require}\ id_r\ @\ phase_r)\ req_c\ ...)\ (code_c\ ...))$
$\quad\ (\mathsf{module}\ id_r\ (req_r\ ...)\ (code_{r0}\ ...\ (phase_c\ expr_r)\ code_{rn}\ ...))$
$\quad\ mod_n\ ...)\rrbracket$

$= \mathsf{demod} \llbracket id, ((id_r\ (\text{-}\ phase_c\ phase_r))\ (id_c\ phase_c)\ (id_n\ phase_n)\ ...),$
$\quad ((\mathsf{module}\ id\ (req_m\ ...)\ (code_{m0}\ ...\ (0\ (\mathsf{begin}\ expr_r\ expr_m))\ code_{mn}\ ...))$
$\quad\ (\mathsf{module}\ id_c\ (req_c\ ...)\ (code_c\ ...))$
$\quad\ (\mathsf{module}\ id_r\ (req_r\ ...)\ (code_{r0}\ ...\ (phase_c\ expr_r)\ code_{rn}\ ...))$
$\quad\ mod_n\ ...)\rrbracket$

$\mathsf{demod} \llbracket id, ((id_c\ phase_c)\ (id_n\ phase_n)\ ...),$
$\quad ((\mathsf{module}\ id\ (req_m\ ...)\ (code_m\ ...))$
$\quad\ (\mathsf{module}\ id_c\ ((\mathsf{require}\ id_r\ @\ phase_r)\ req_c\ ...)\ (code_c\ ...))$
$\quad\ (\mathsf{module}\ id_r\ (req_r\ ...)\ (code_r\ ...))$
$\quad\ mod_n\ ...)\rrbracket$

$= \mathsf{demod} \llbracket id, ((id_r\ (\text{-}\ phase_c\ phase_r))\ (id_c\ phase_c)\ (id_n\ phase_n)\ ...),$
$\quad ((\mathsf{module}\ id\ (req_m\ ...)\ (code_m\ ...))$
$\quad\ (\mathsf{module}\ id_c\ (req_c\ ...)\ (code_c\ ...))$
$\quad\ (\mathsf{module}\ id_r\ (req_r\ ...)\ (code_r\ ...))$
$\quad\ mod_n\ ...)\rrbracket$

$\mathsf{demod} \llbracket id, ((id_c\ phase_c)\ (id_n\ phase_n)\ ...),$
$\quad ((\mathsf{module}\ id\ (req_m\ ...)\ (code_m\ ...))$
$\quad\ (\mathsf{module}\ id_c\ ()\ (code_c\ ...))$
$\quad\ mod_n\ ...)\rrbracket$

$= \mathsf{demod} \llbracket id, ((id_n\ phase_n)\ ...),$
$\quad ((\mathsf{module}\ id\ (req_m\ ...)\ (code_m\ ...))$
$\quad\ (\mathsf{module}\ id_c\ ()\ (code_c\ ...))$
$\quad\ mod_n\ ...)\rrbracket$