

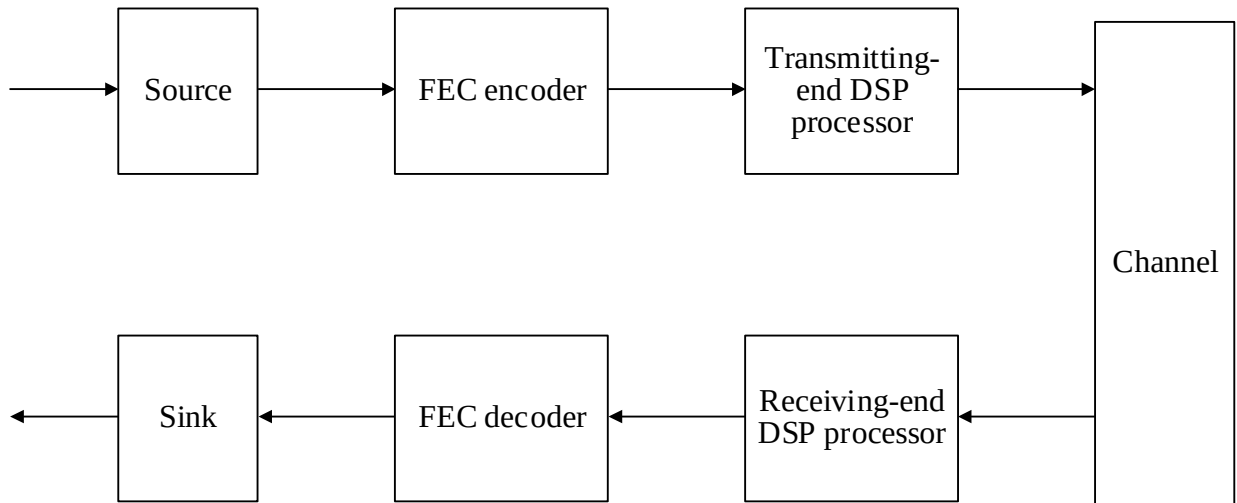


FIG. 1

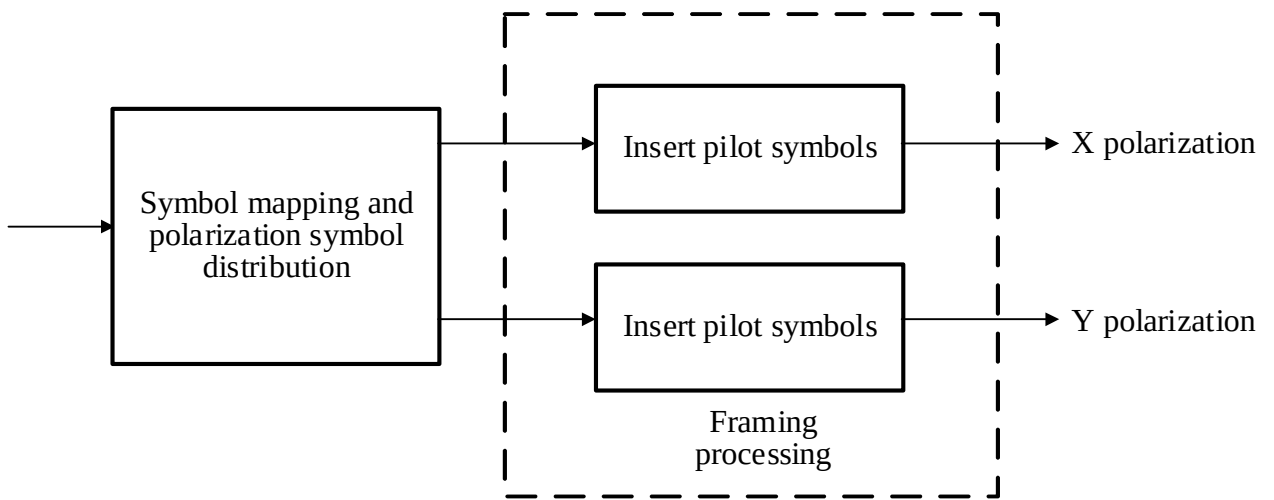


FIG. 2

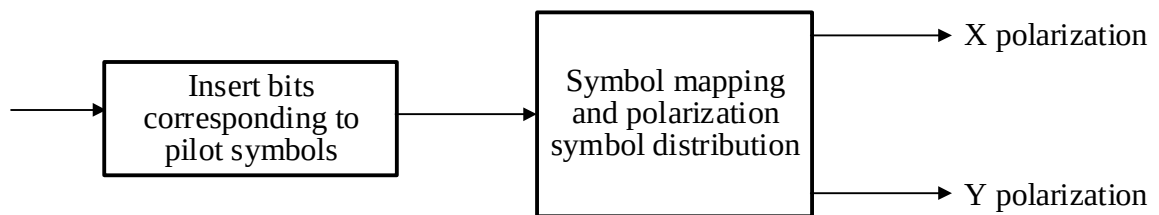


FIG. 3

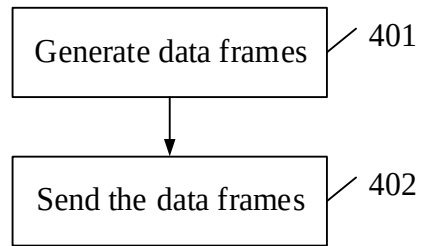


FIG. 4

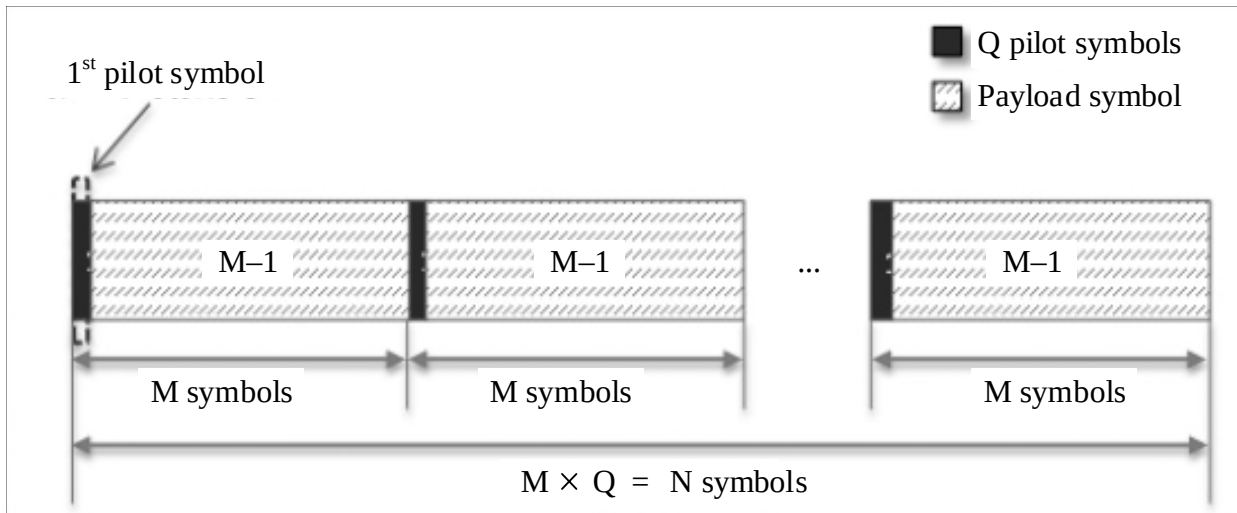


FIG. 5

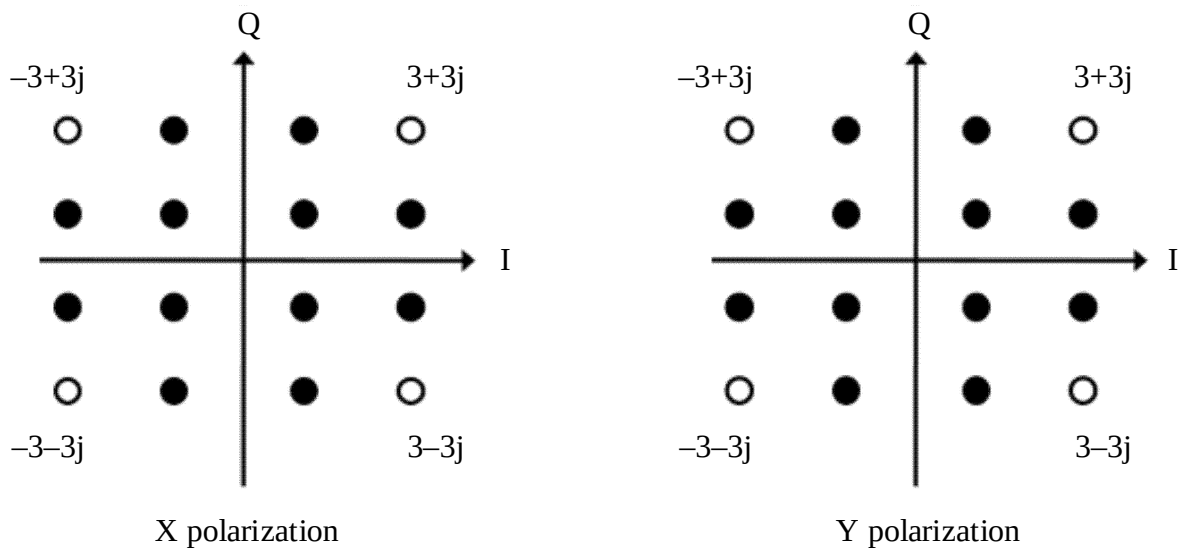


FIG. 6

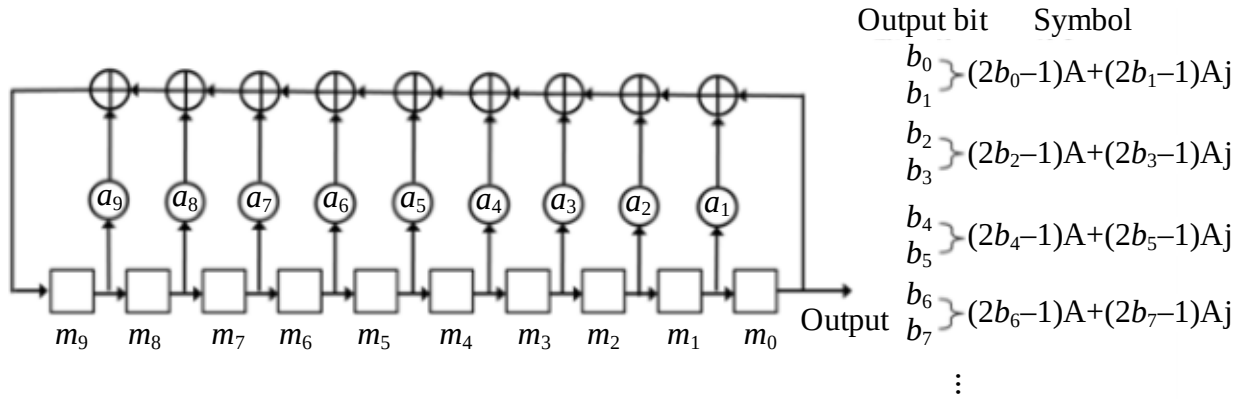


FIG. 7

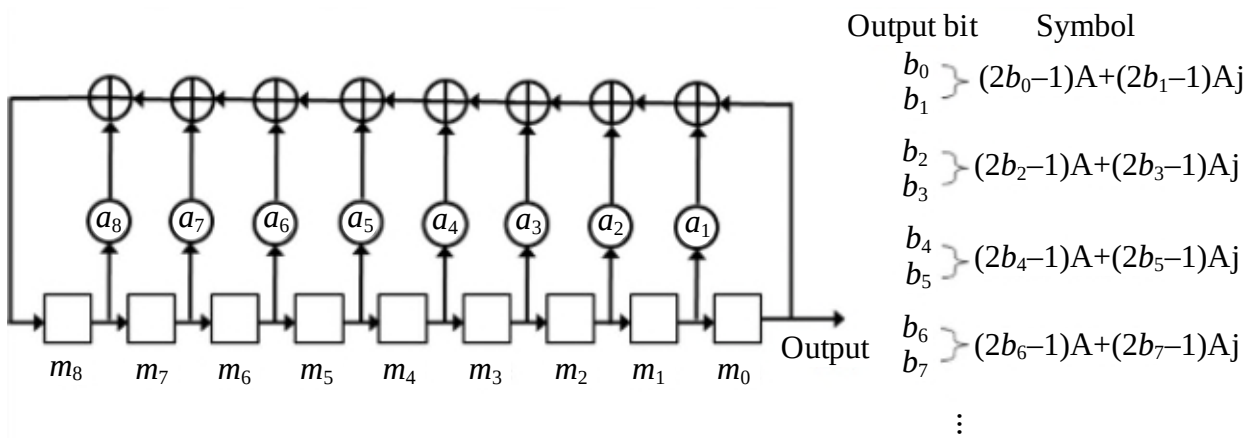


FIG. 8

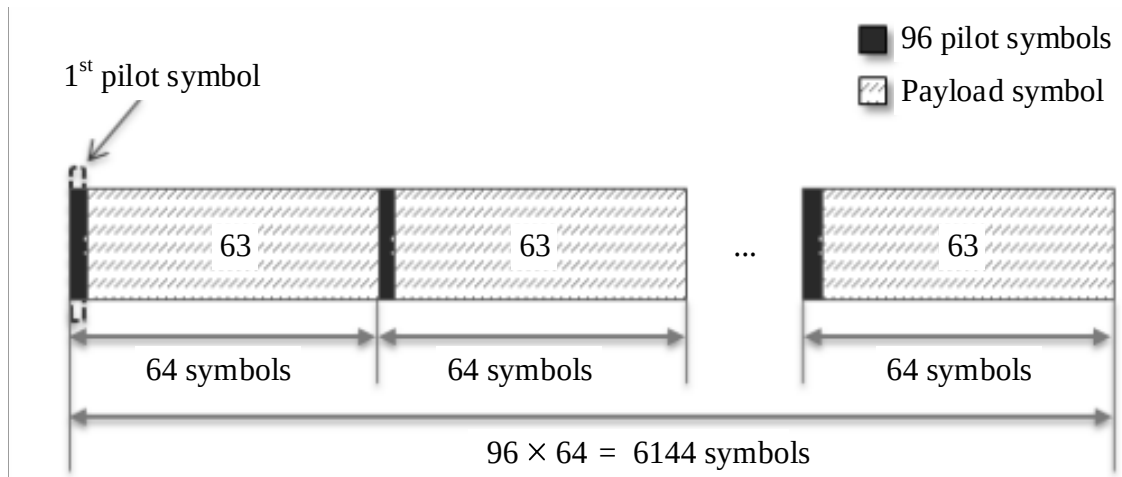
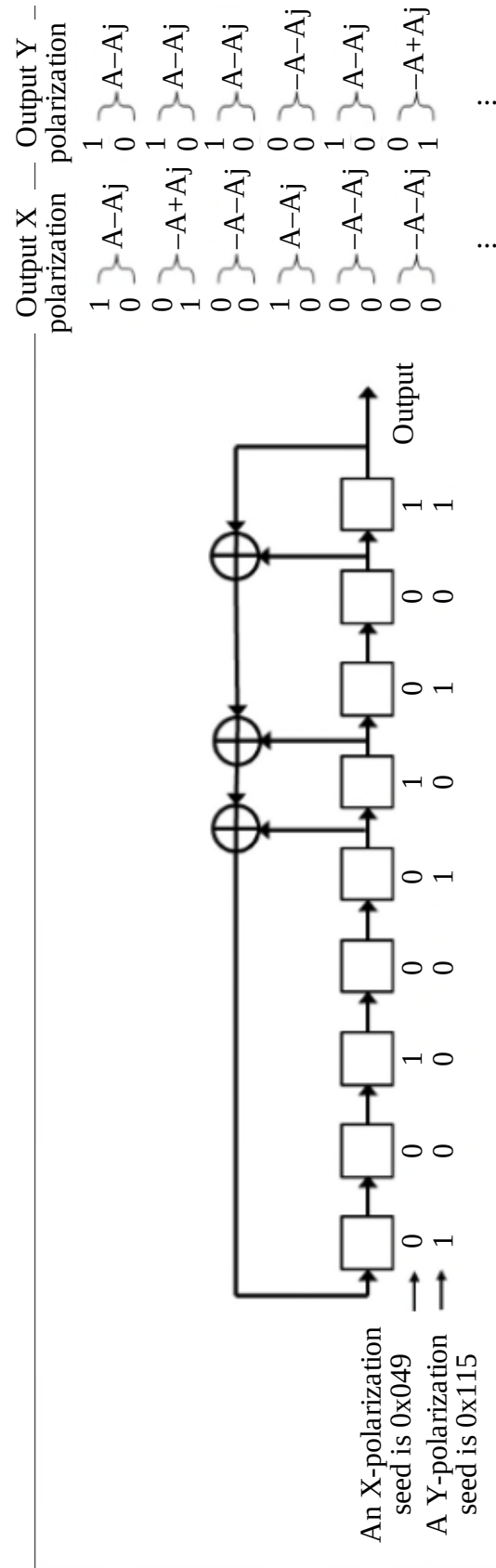


FIG. 9



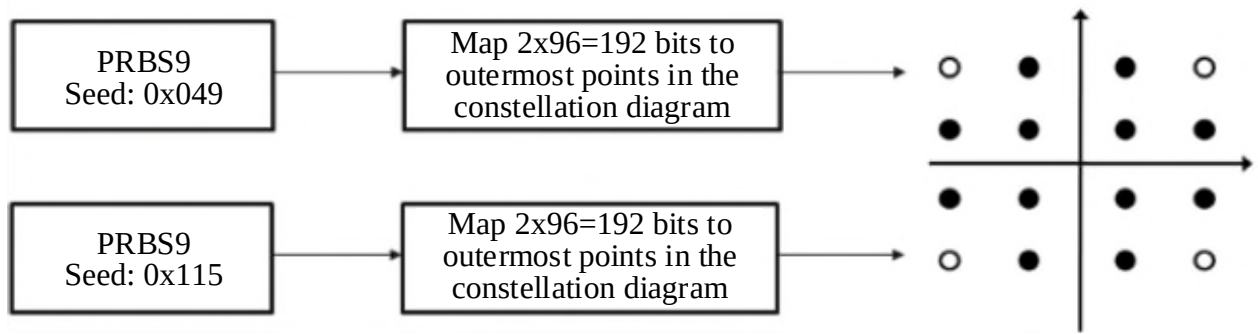


FIG. 11

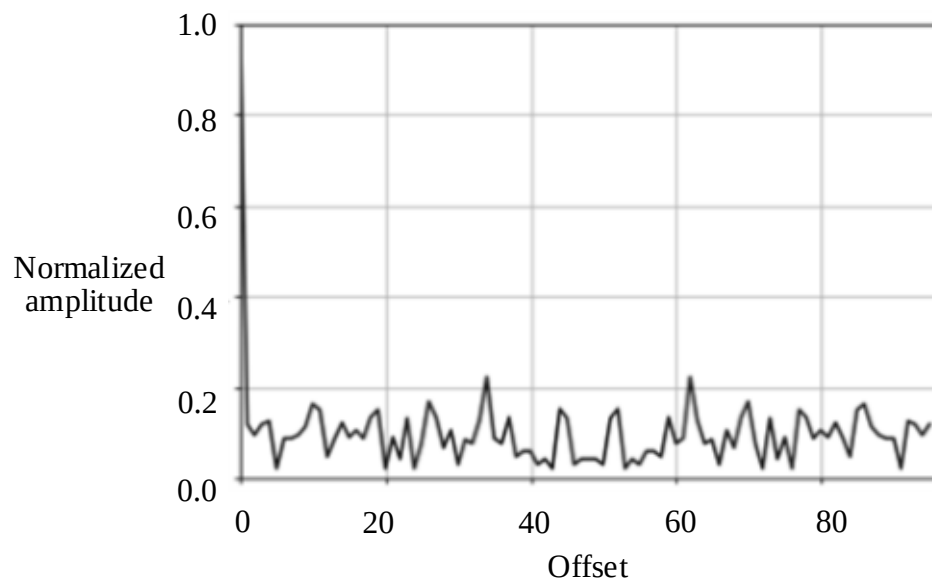


FIG. 12(a)

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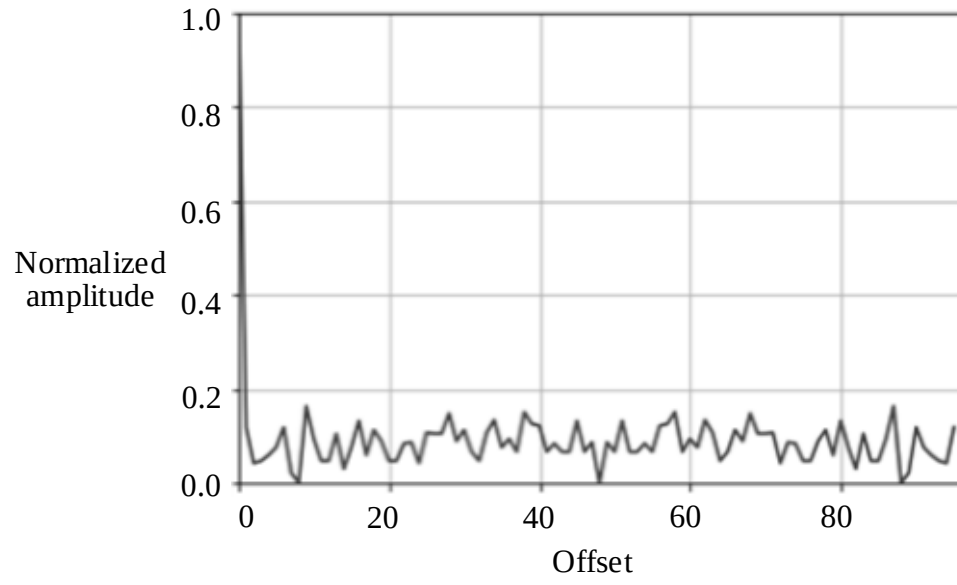


FIG. 12(b)

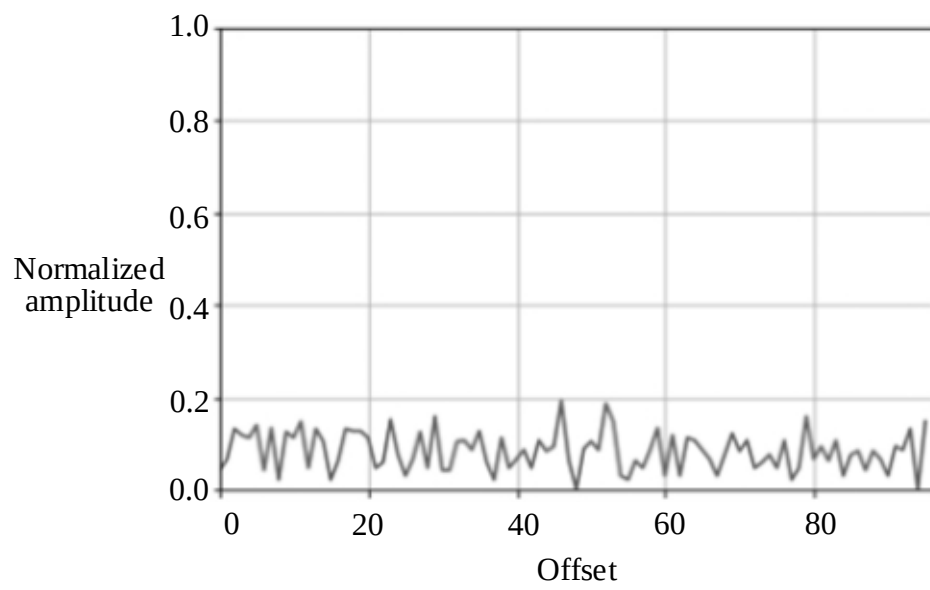
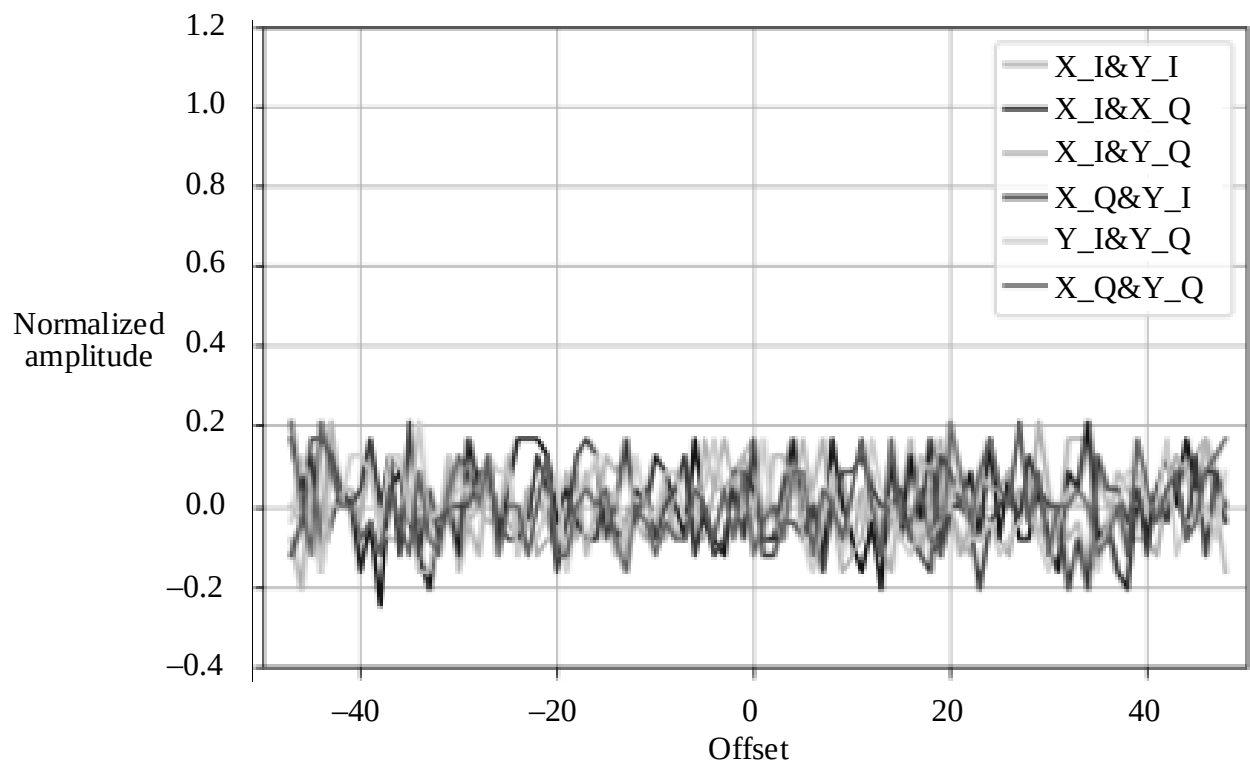
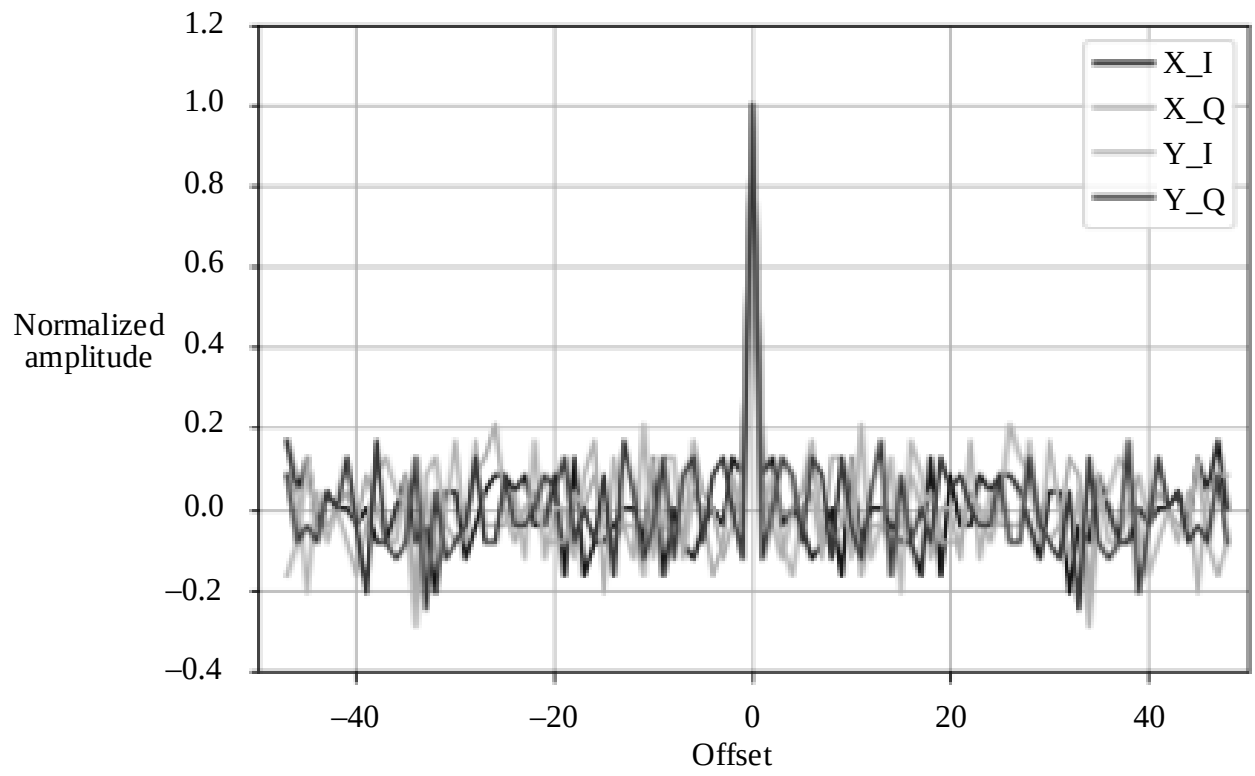


FIG. 12(c)



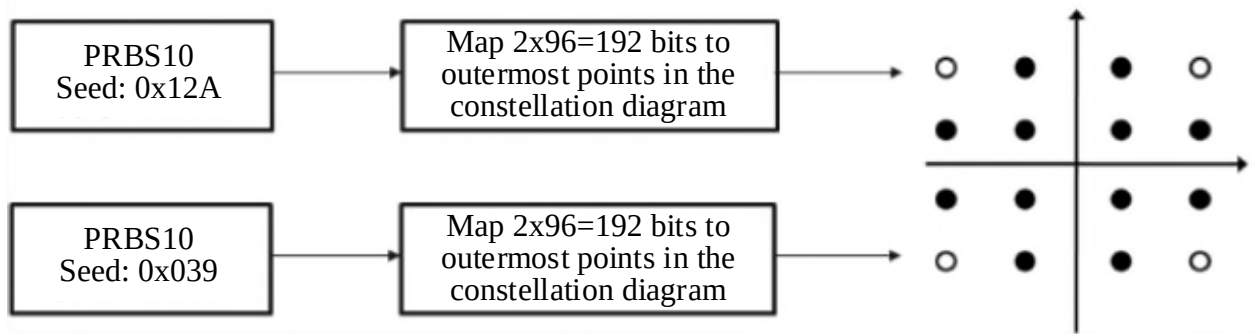


FIG. 15

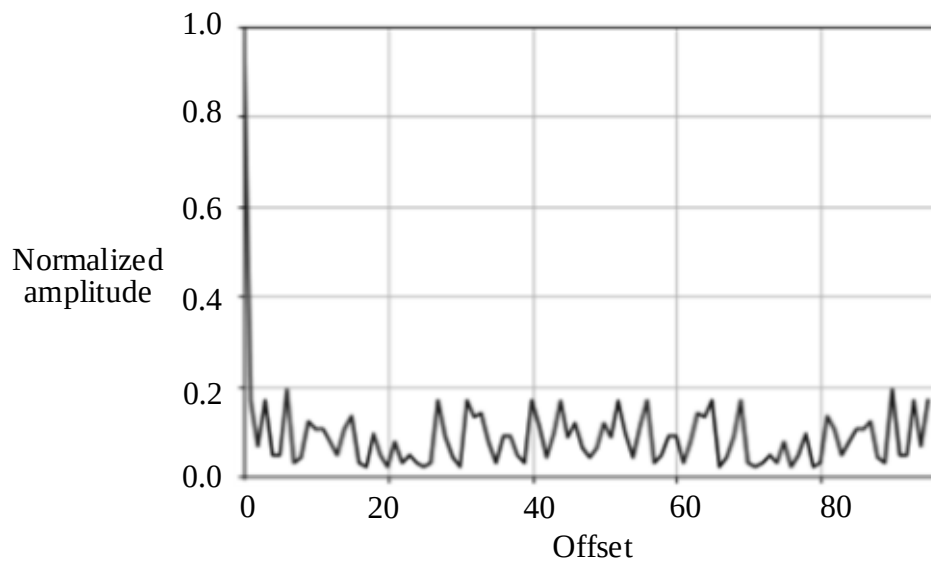


FIG. 16(a)

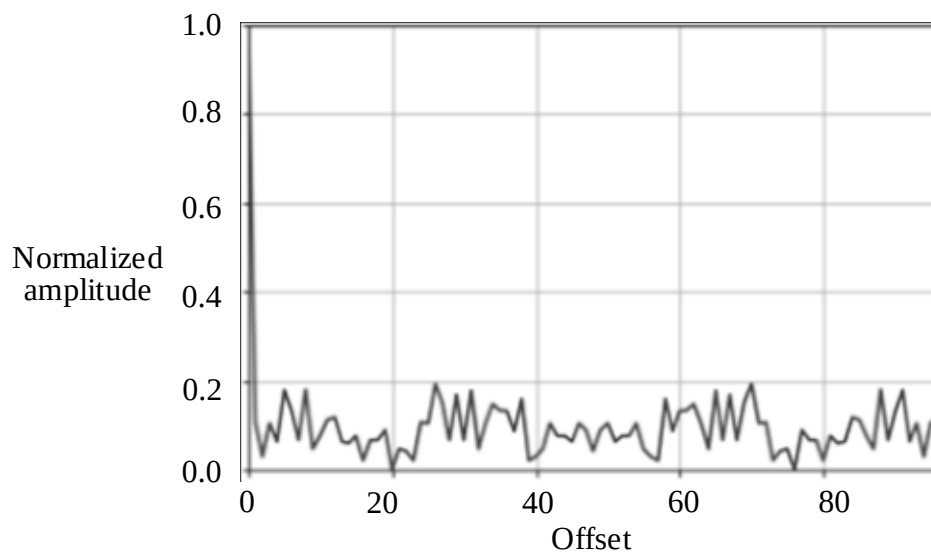


FIG. 16(b)

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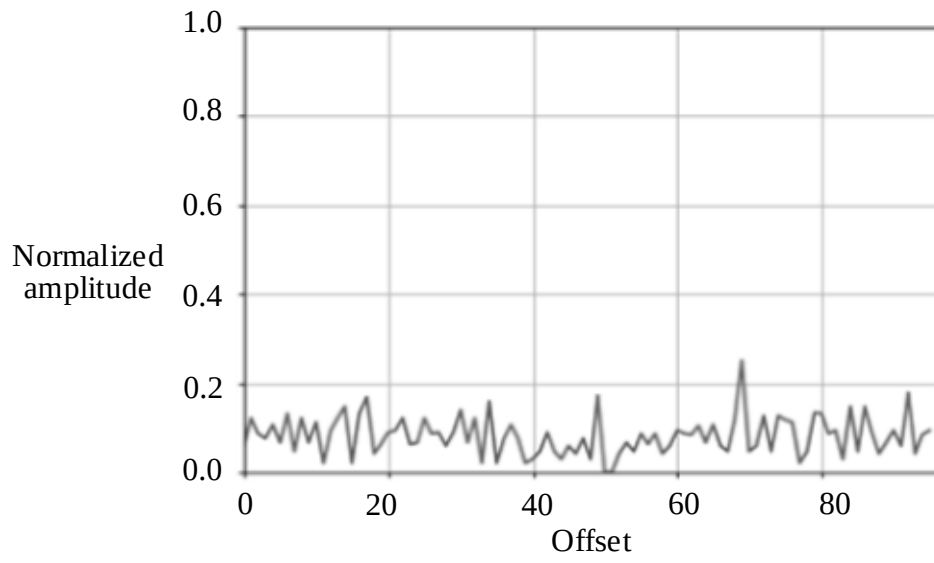


FIG. 16(c)

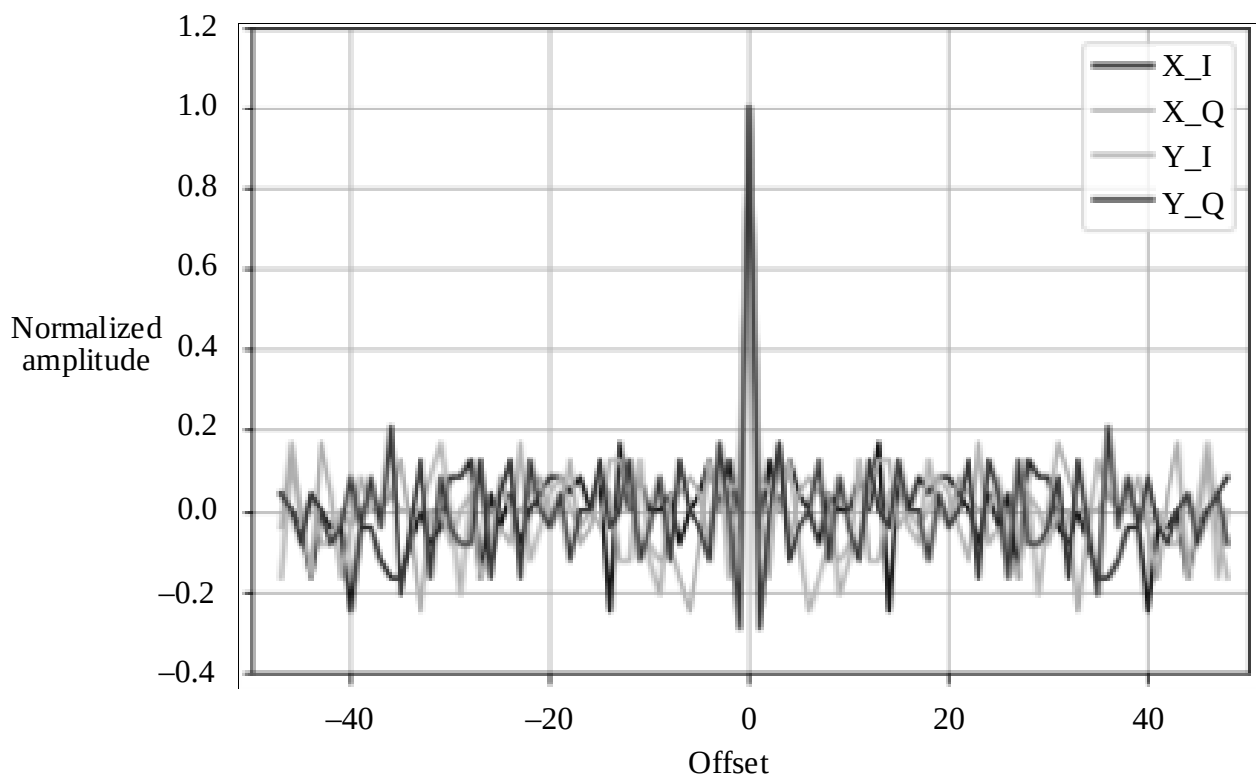


FIG. 17(a)

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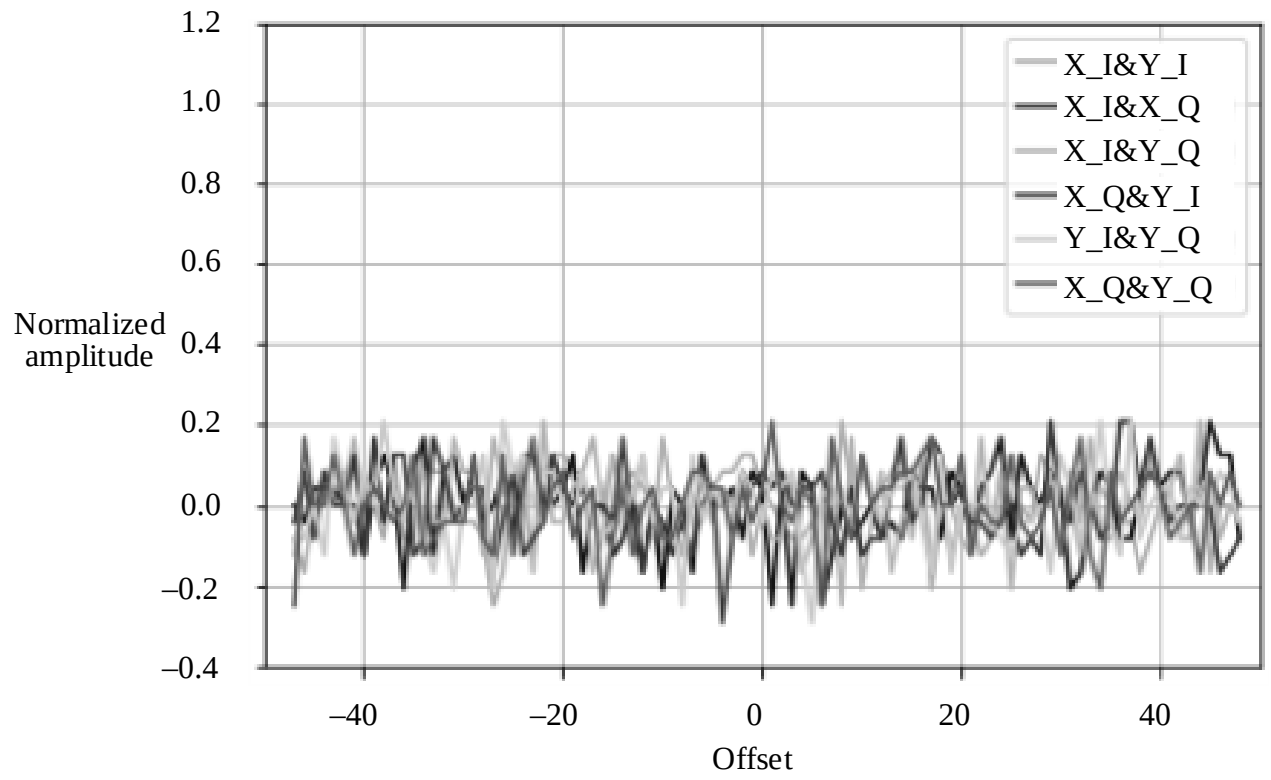


FIG. 17(b)

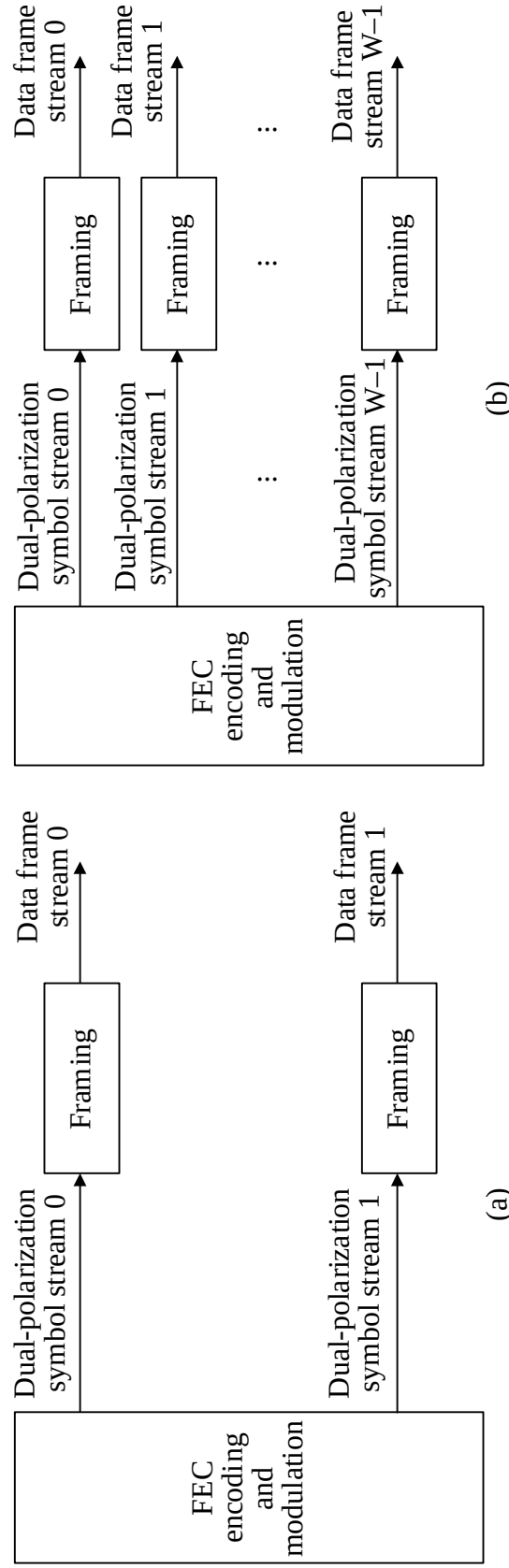


FIG. 18

Output X polarization	Output Y polarization
$\begin{matrix} 1 \\ 0 \end{matrix} \left. \vphantom{\begin{matrix} 1 \\ 0 \end{matrix}} \right\} A-A_j$	$\begin{matrix} 1 \\ 0 \end{matrix} \left. \vphantom{\begin{matrix} 1 \\ 0 \end{matrix}} \right\} A-A_j$
$\begin{matrix} 1 \\ 0 \end{matrix} \left. \vphantom{\begin{matrix} 1 \\ 0 \end{matrix}} \right\} A-A_j$	$\begin{matrix} 1 \\ 1 \end{matrix} \left. \vphantom{\begin{matrix} 1 \\ 1 \end{matrix}} \right\} A+A_j$
$\begin{matrix} 1 \\ 1 \end{matrix} \left. \vphantom{\begin{matrix} 1 \\ 1 \end{matrix}} \right\} A+A_j$	$\begin{matrix} 1 \\ 1 \end{matrix} \left. \vphantom{\begin{matrix} 1 \\ 1 \end{matrix}} \right\} A+A_j$
$\begin{matrix} 1 \\ 0 \end{matrix} \left. \vphantom{\begin{matrix} 1 \\ 0 \end{matrix}} \right\} A-A_j$	$\begin{matrix} 0 \\ 0 \end{matrix} \left. \vphantom{\begin{matrix} 0 \\ 0 \end{matrix}} \right\} -A-A_j$
$\begin{matrix} 1 \\ 0 \end{matrix} \left. \vphantom{\begin{matrix} 1 \\ 0 \end{matrix}} \right\} A-A_j$	$\begin{matrix} 0 \\ 1 \end{matrix} \left. \vphantom{\begin{matrix} 0 \\ 1 \end{matrix}} \right\} -A+A_j$
$\begin{matrix} 0 \\ 0 \end{matrix} \left. \vphantom{\begin{matrix} 0 \\ 0 \end{matrix}} \right\} -A-A_j$	$\begin{matrix} 0 \\ 1 \end{matrix} \left. \vphantom{\begin{matrix} 0 \\ 1 \end{matrix}} \right\} -A+A_j$
$\vdots$	$\vdots$

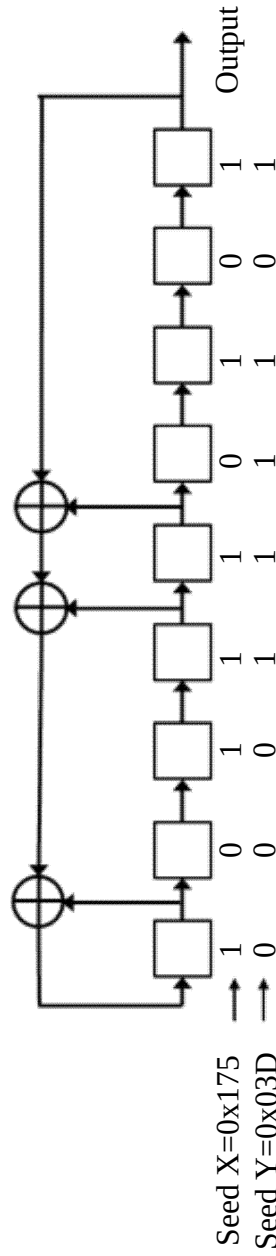


FIG. 19

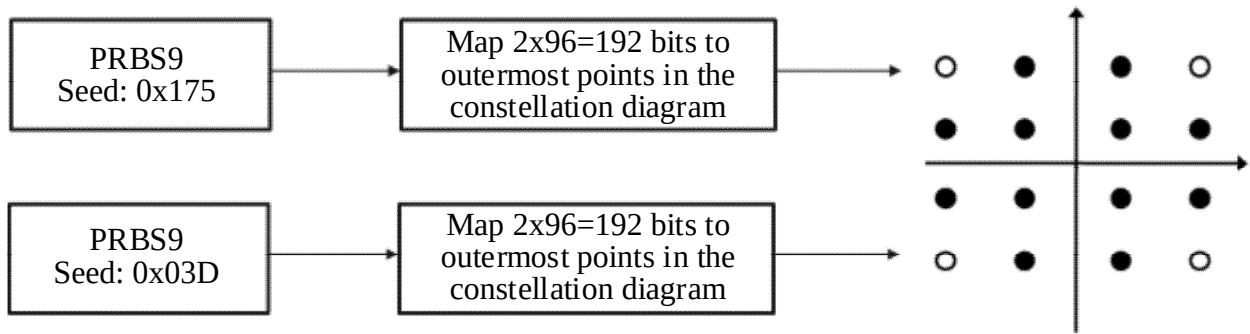


FIG. 20

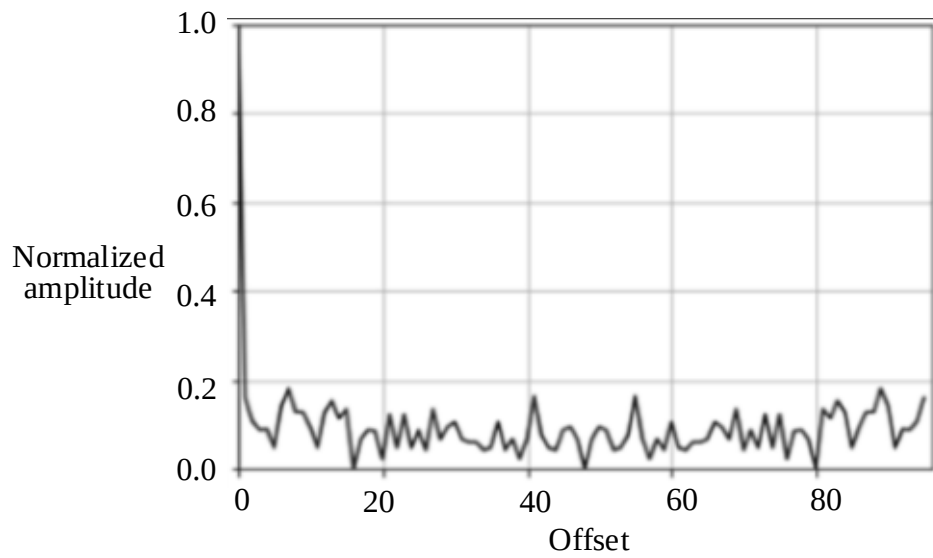


FIG. 21(a)

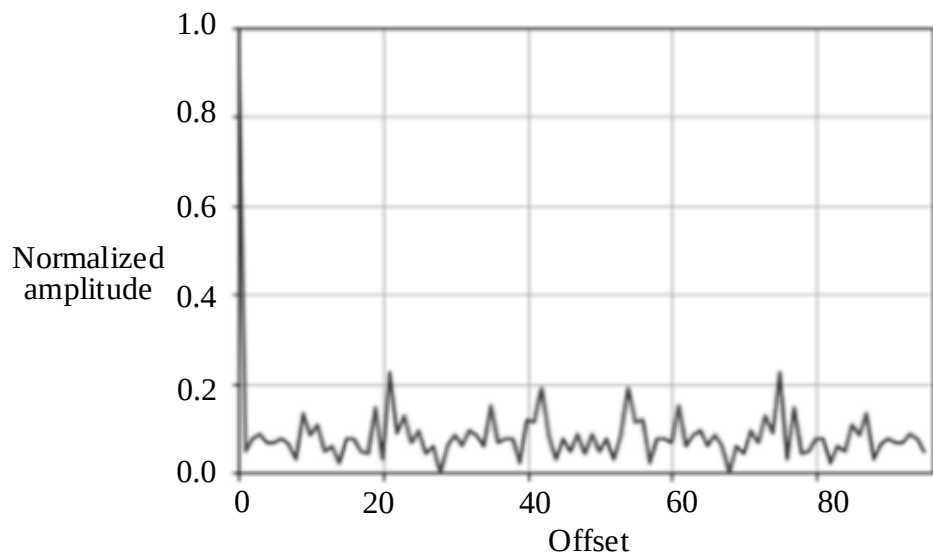


FIG. 21(b)

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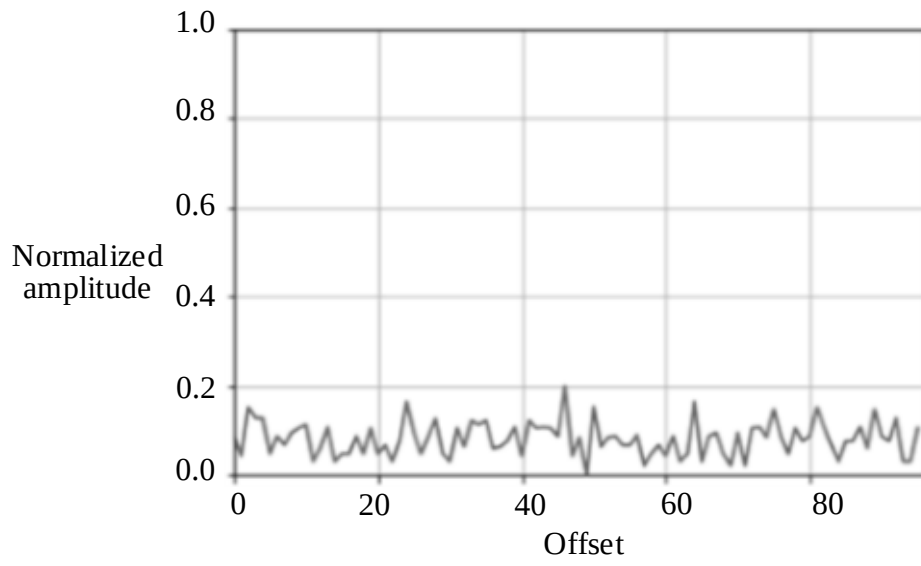


FIG. 21(c)

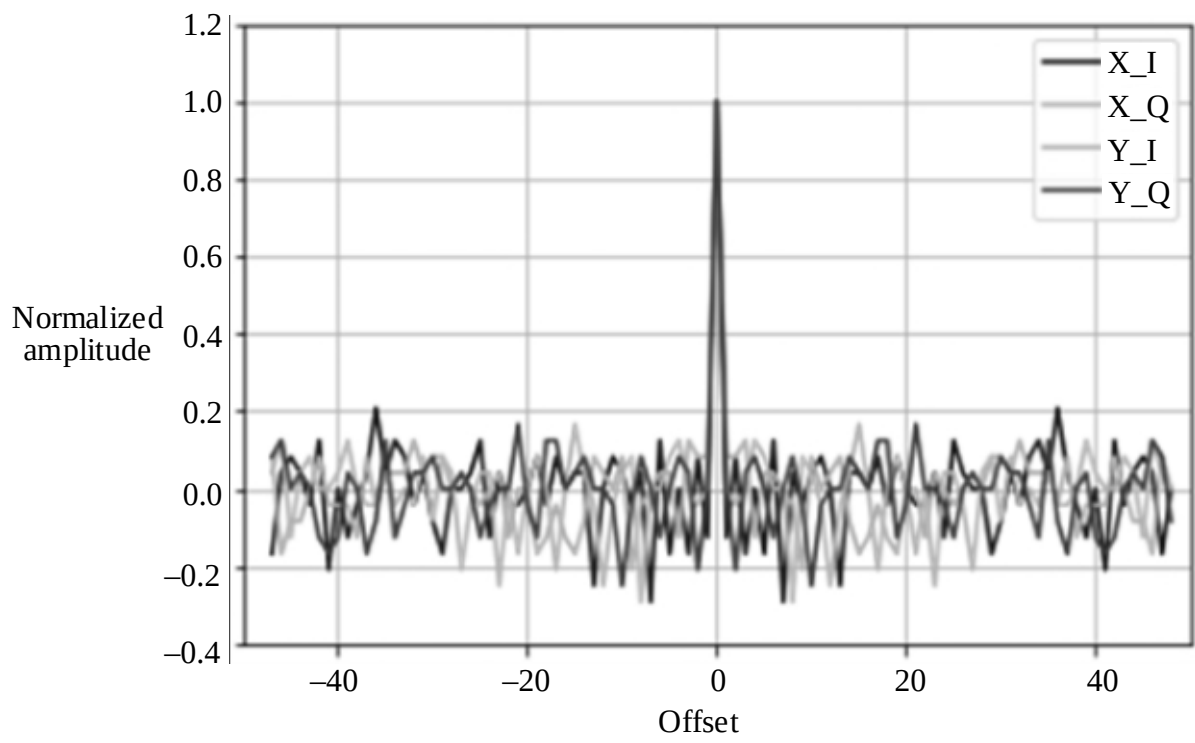


FIG. 22(a)

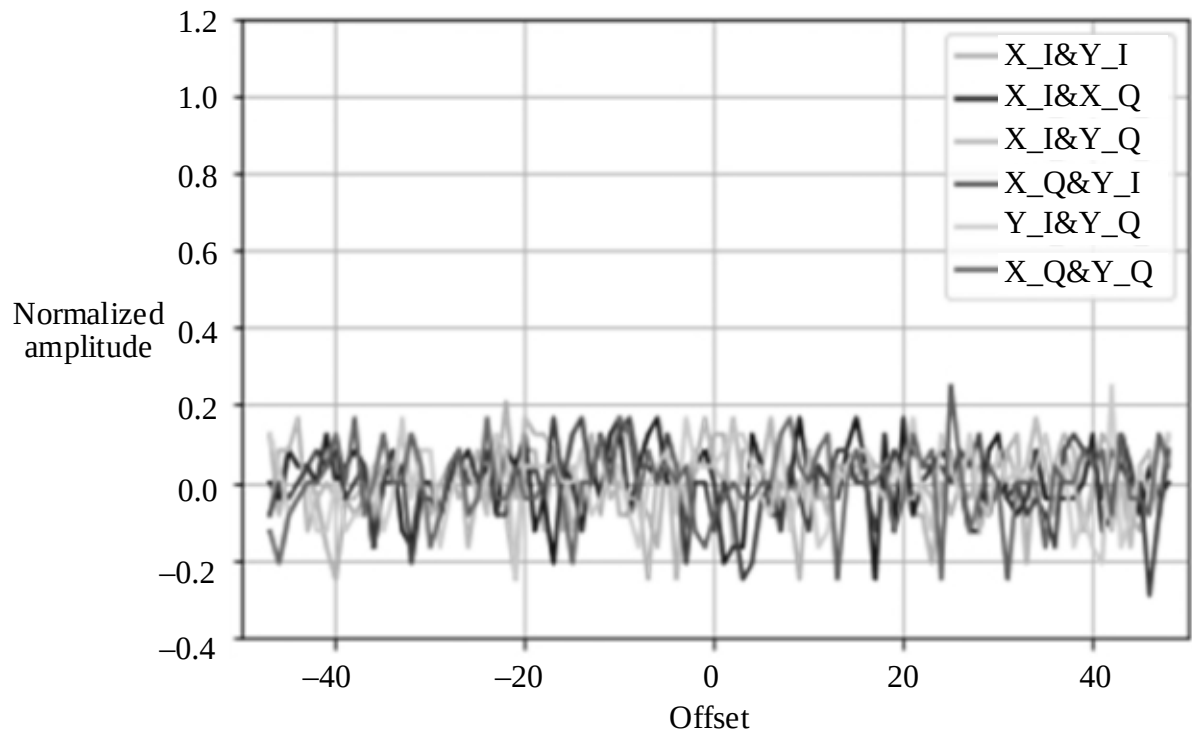


FIG. 22(b)

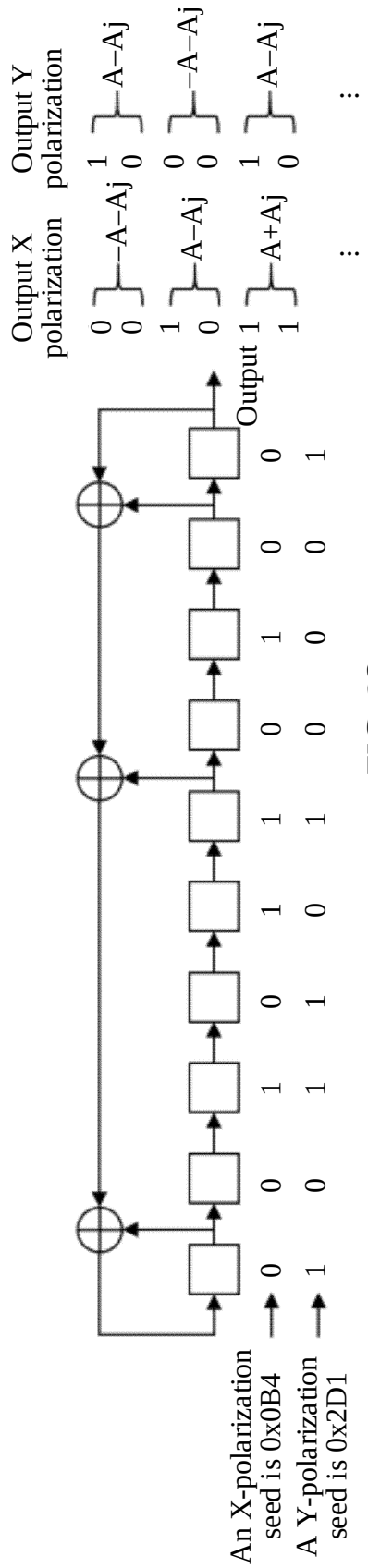


FIG. 23

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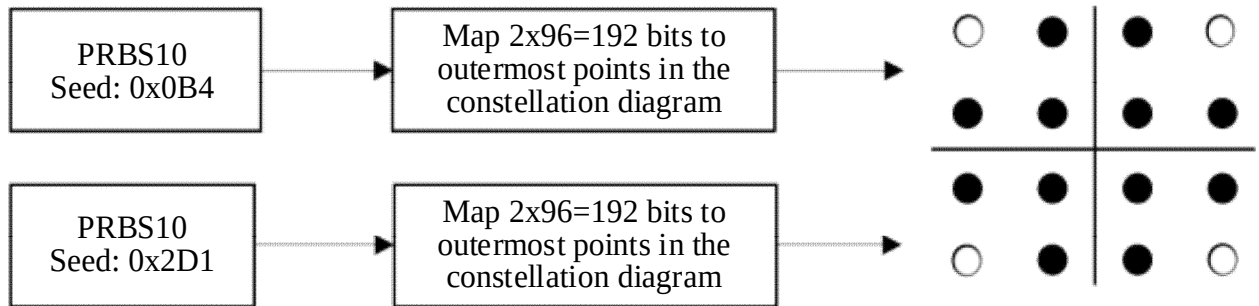


FIG. 24

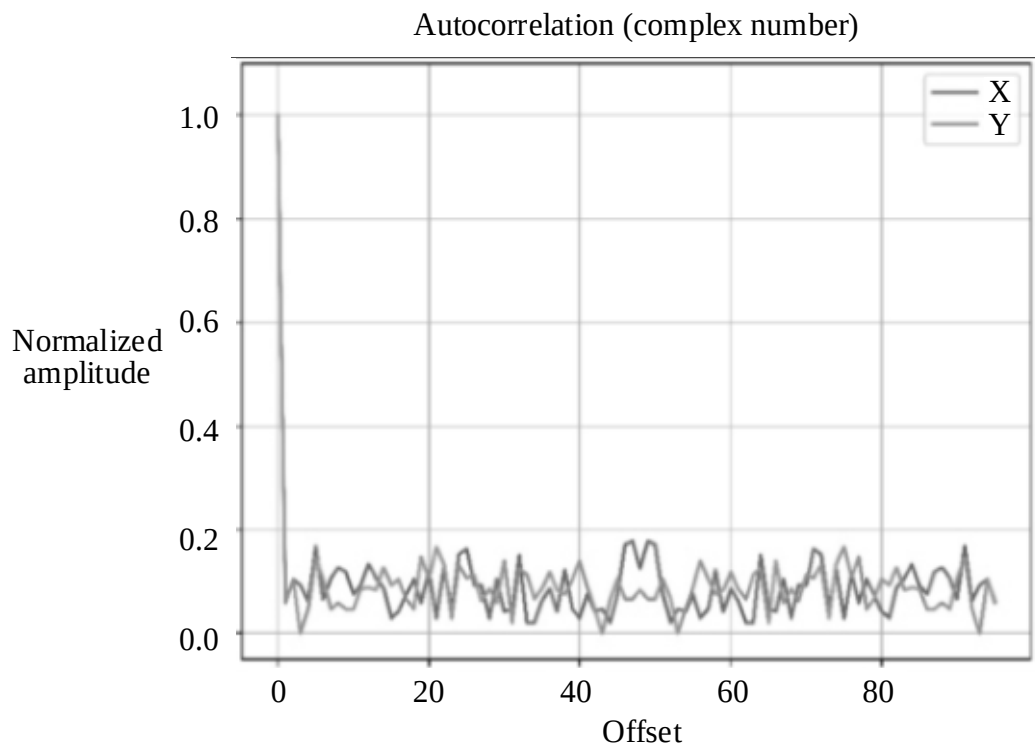


FIG. 25(a)

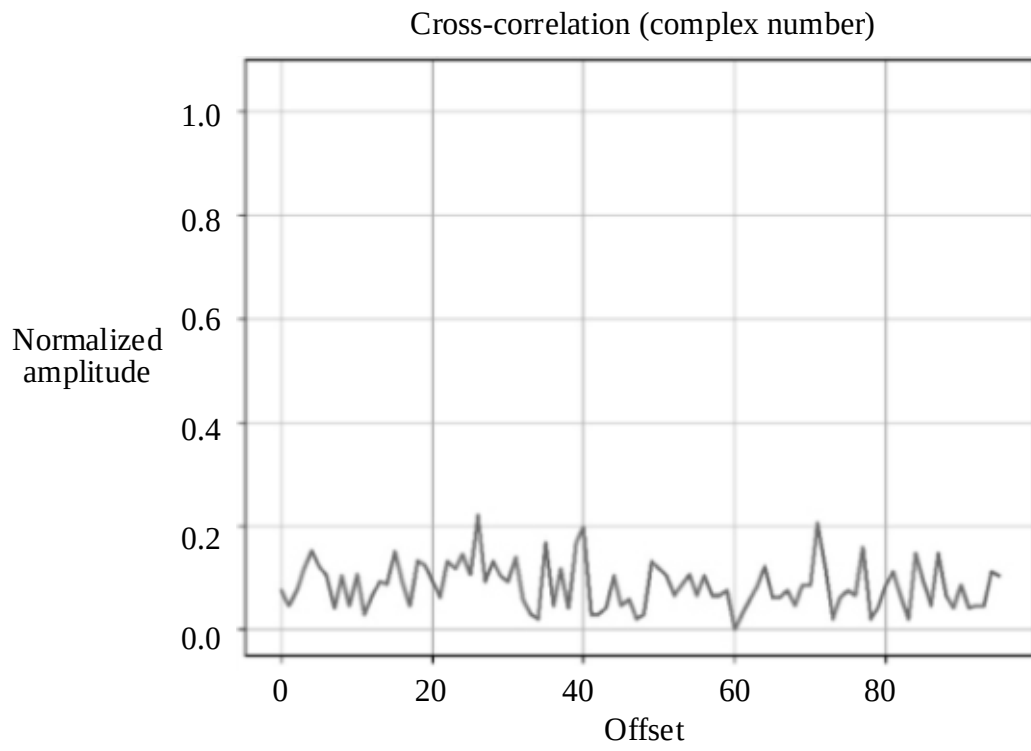


FIG. 25(b)

Autocorrelation (real number)

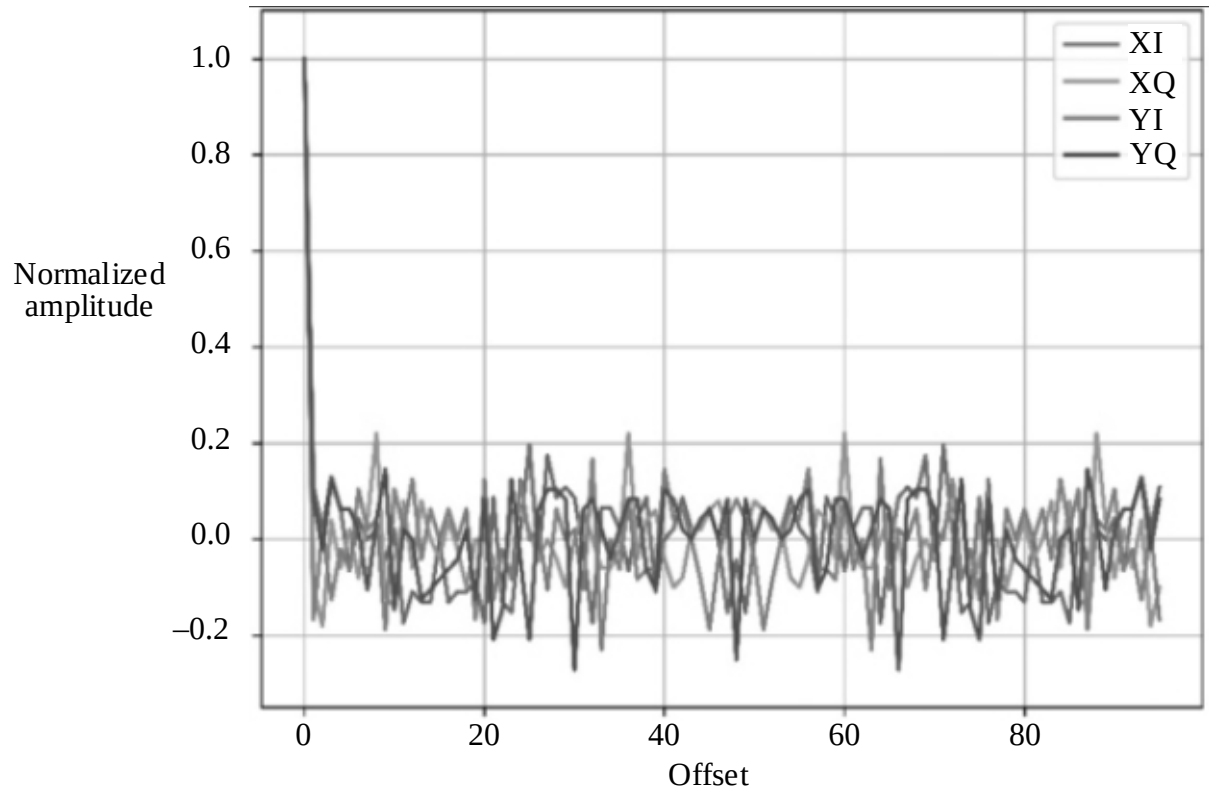


FIG. 26(a)

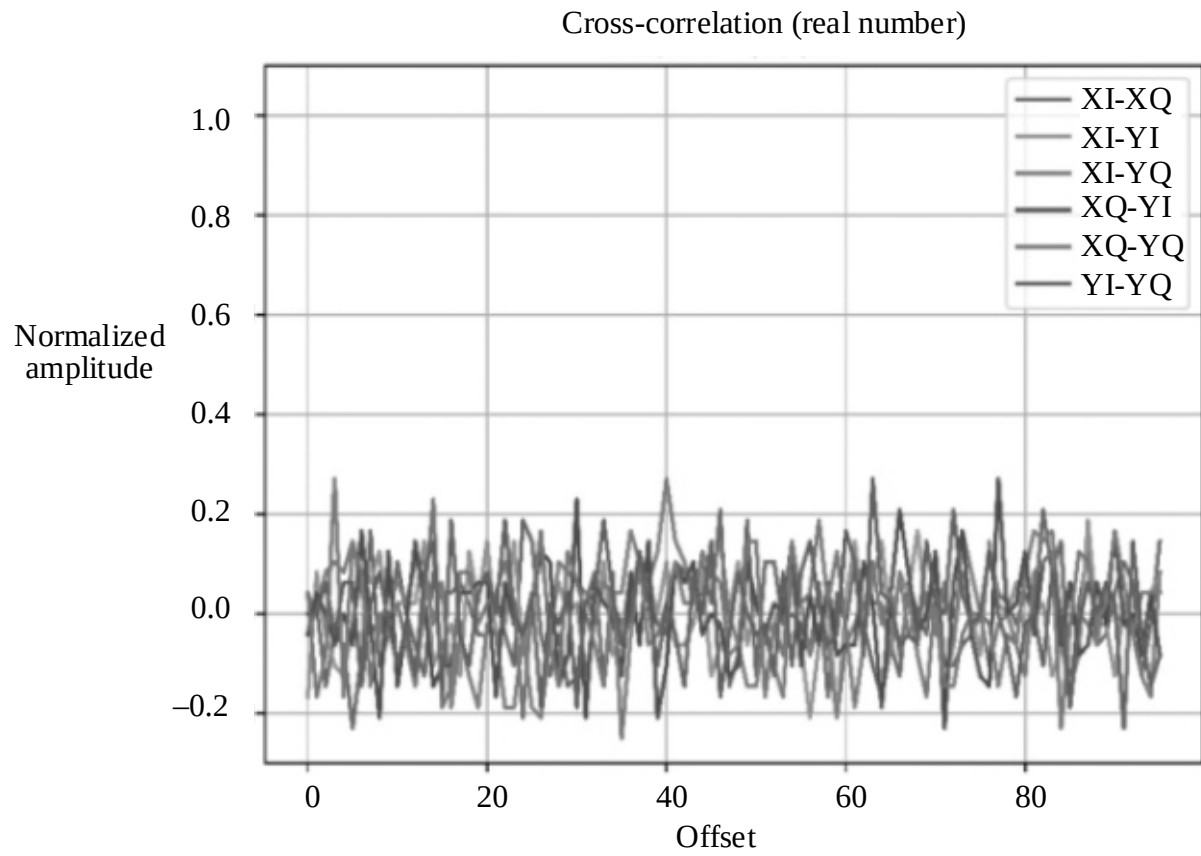
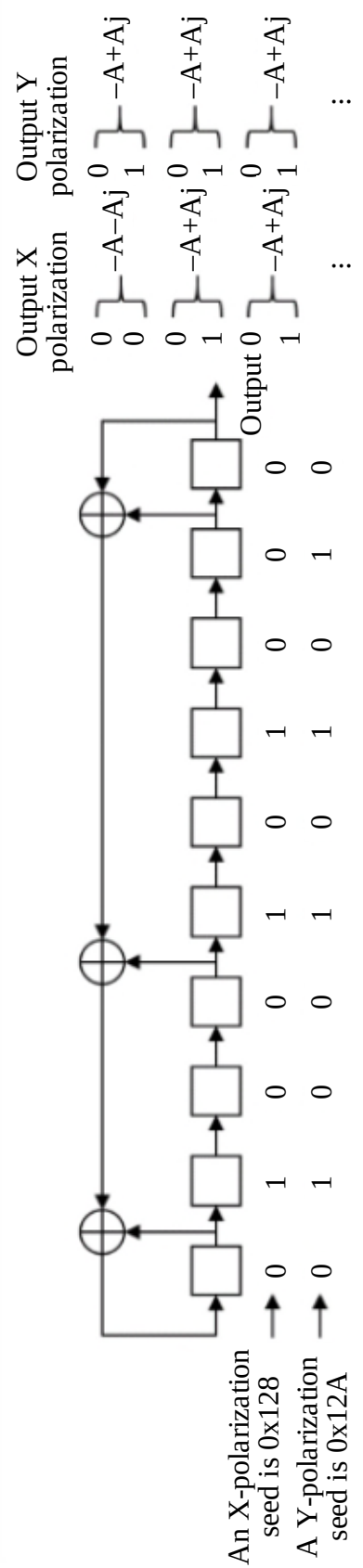


FIG. 26(b)



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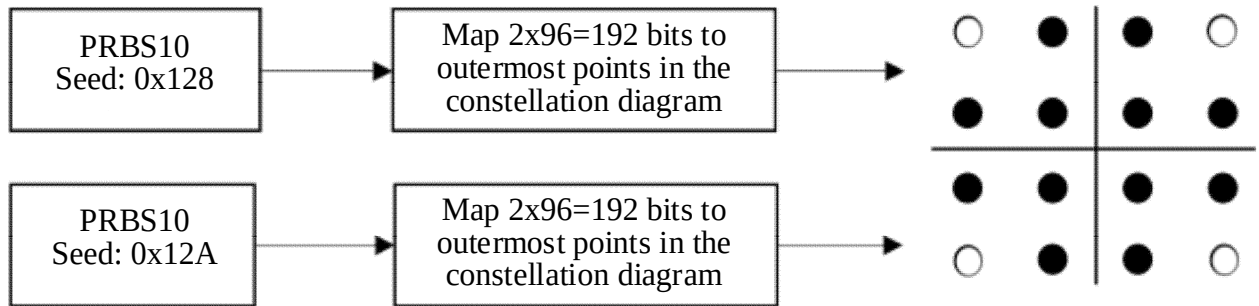


FIG. 28

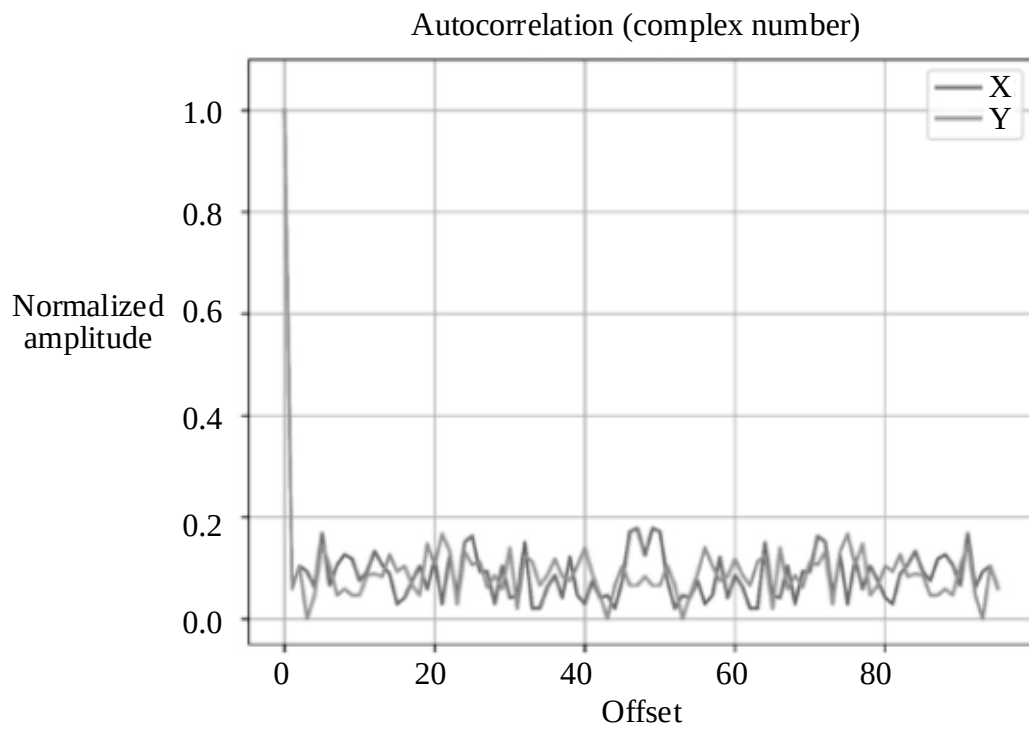


FIG. 29(a)

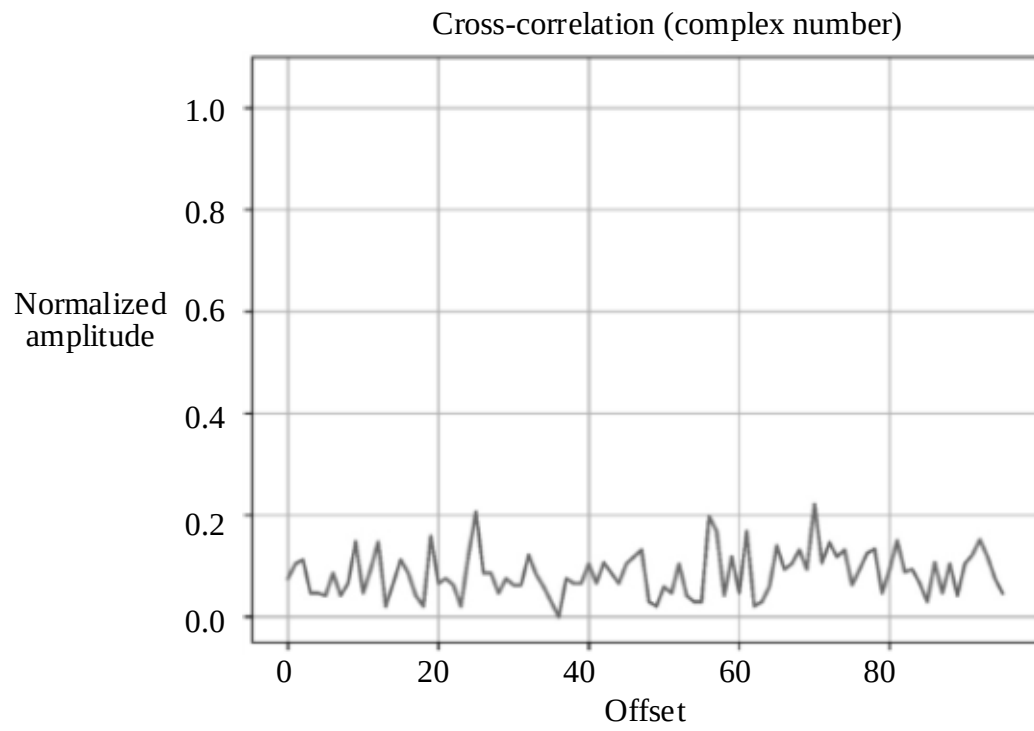


FIG. 29(b)

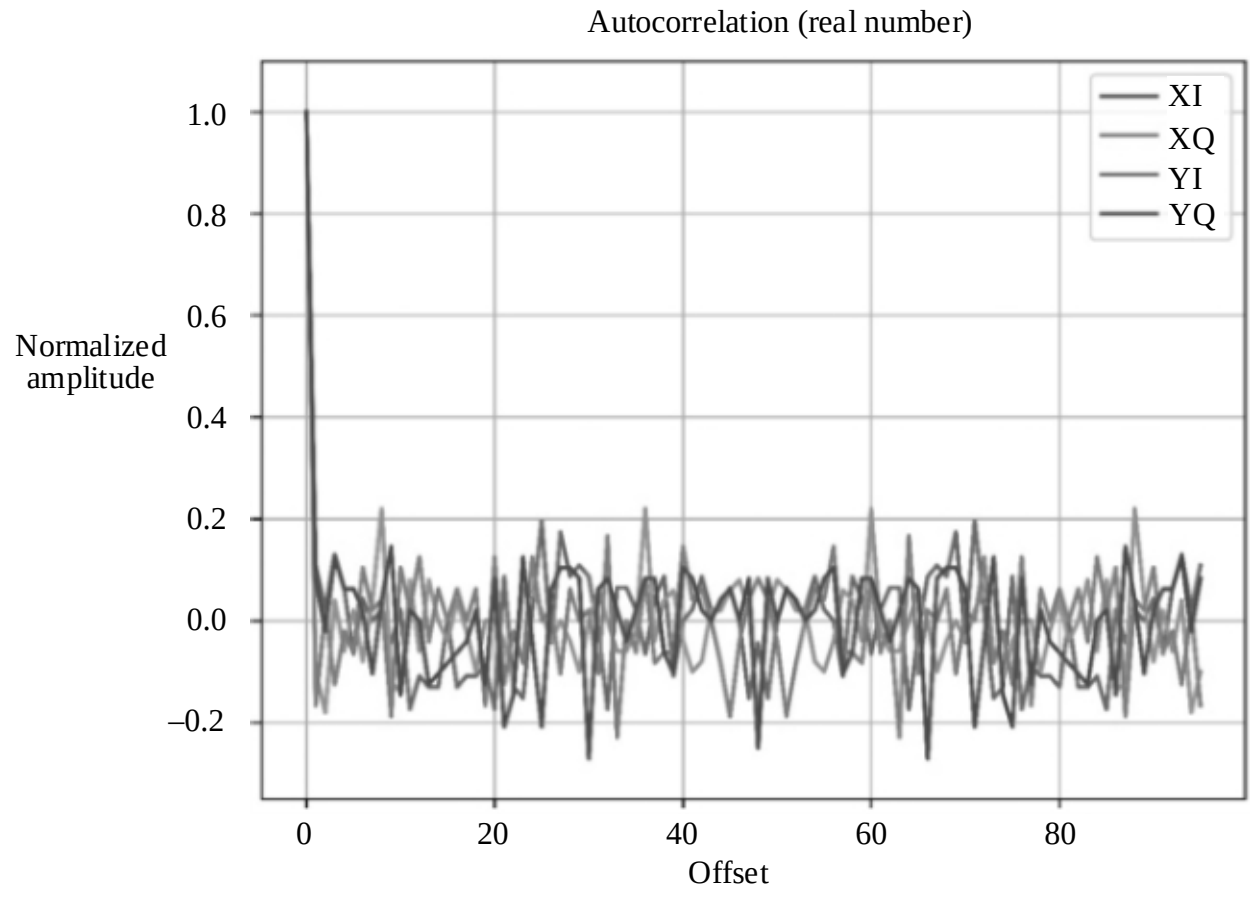


FIG. 30(a)

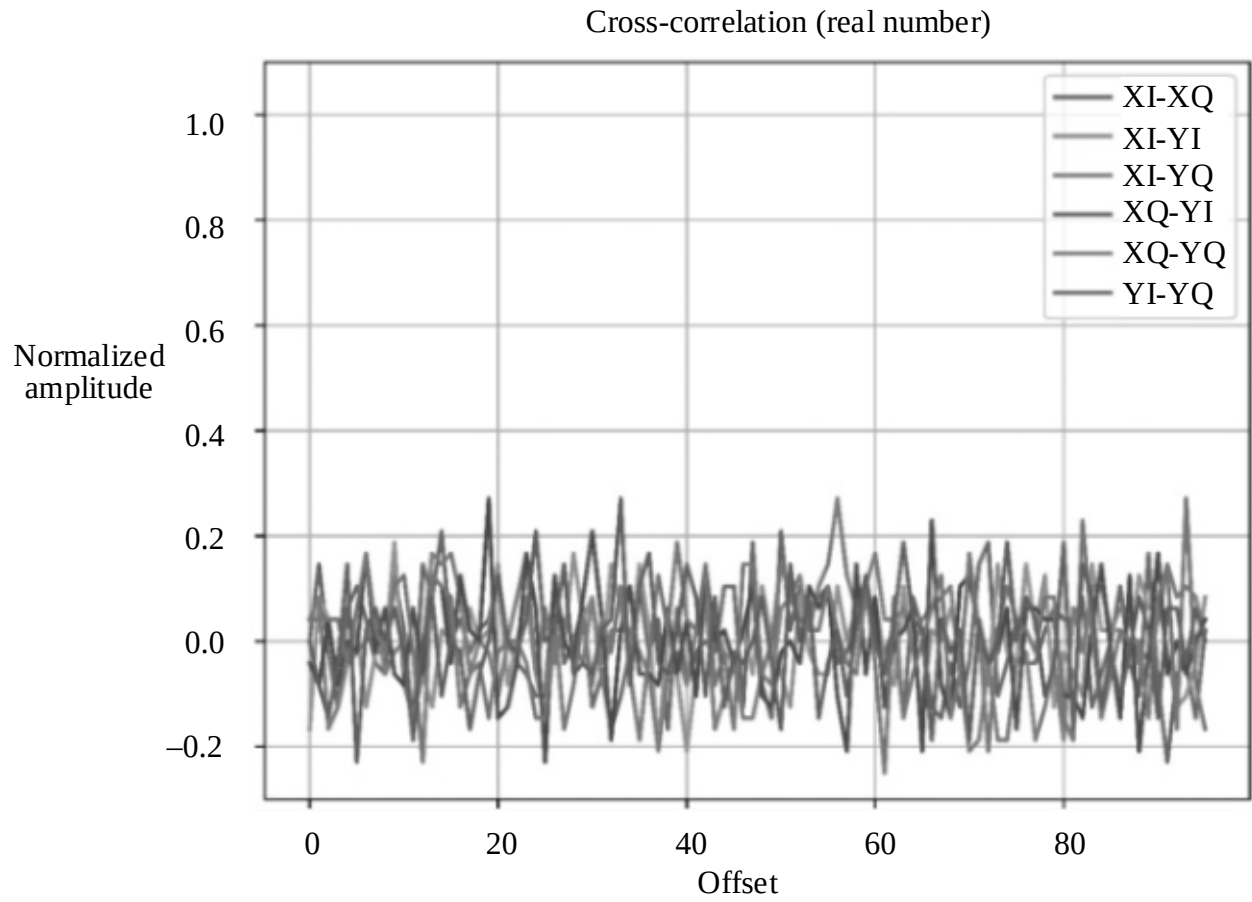


FIG. 30(b)

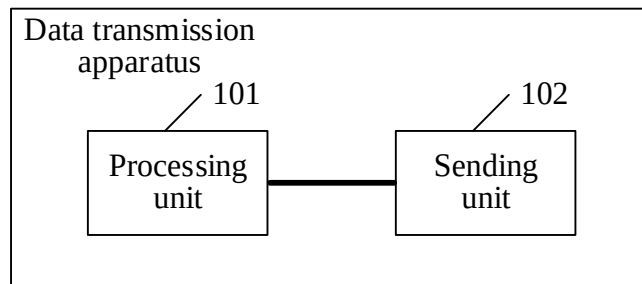


FIG. 31

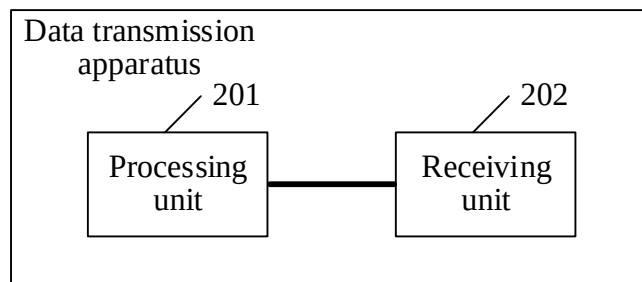


FIG. 32

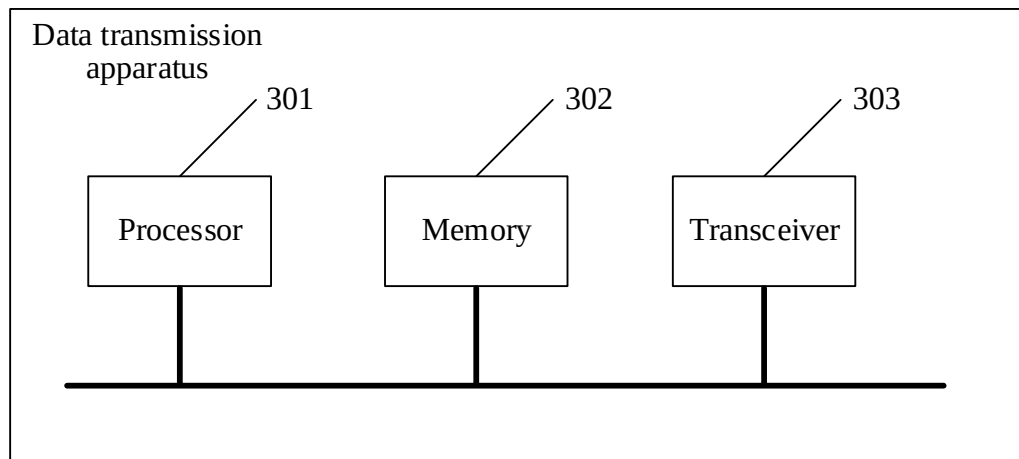


FIG. 33