

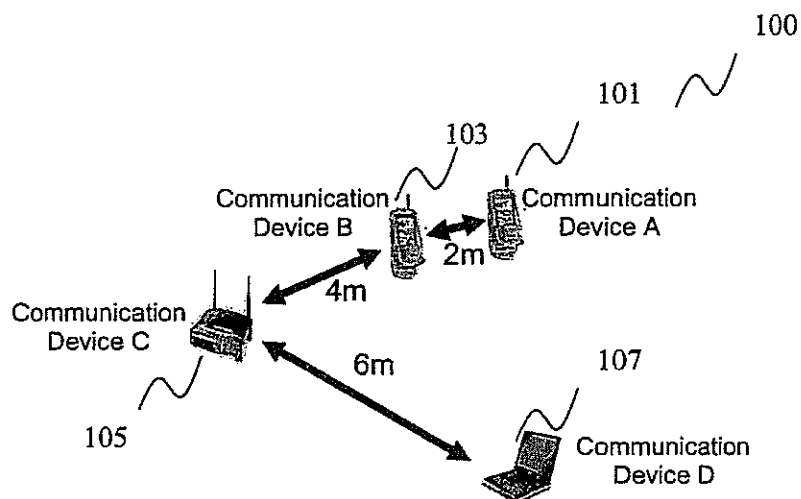


Figure 1

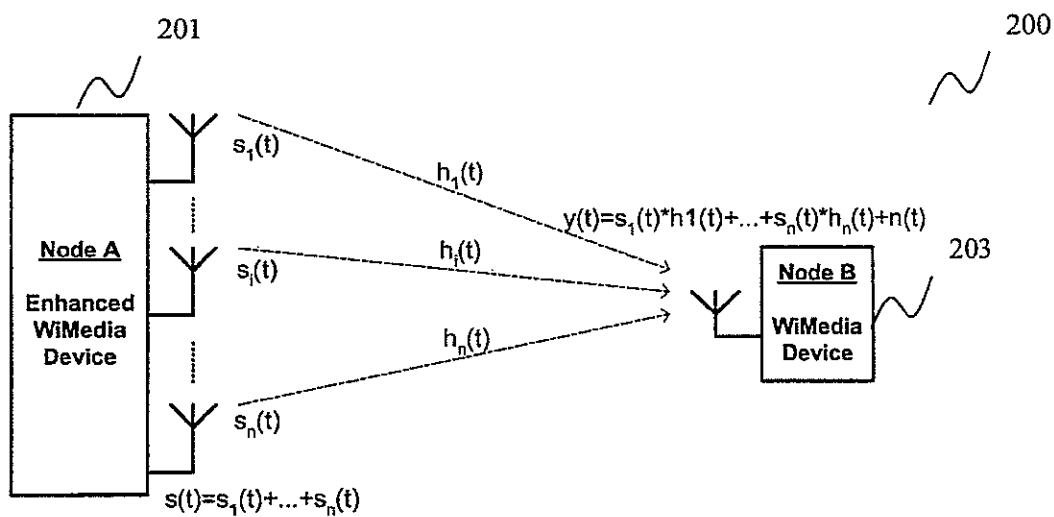


Figure 2

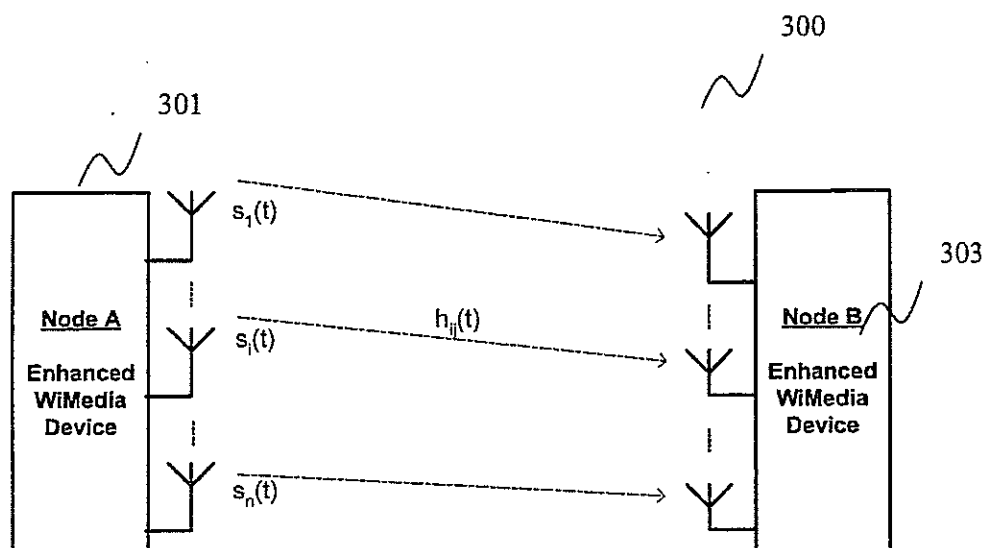


Figure 3

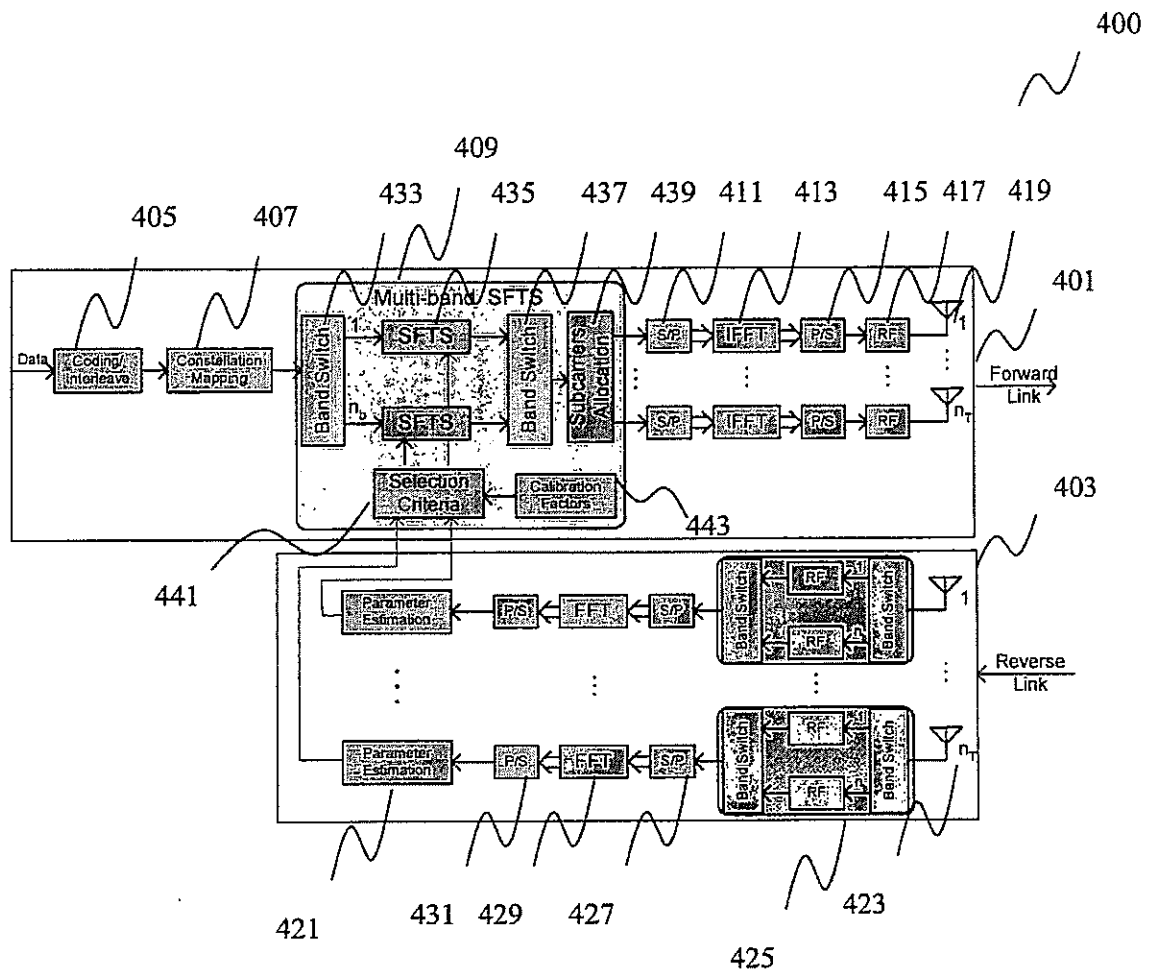


Figure 4

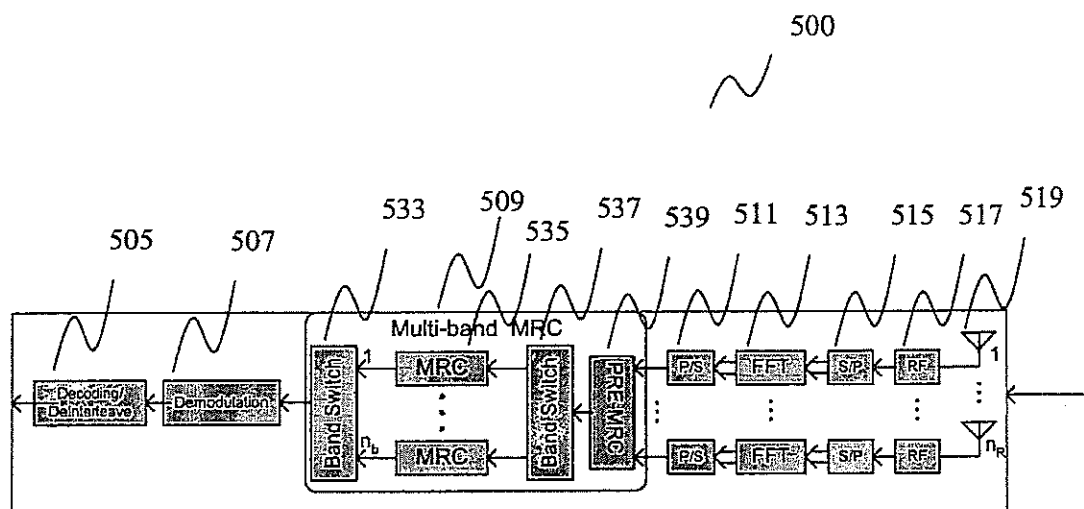


Figure 5

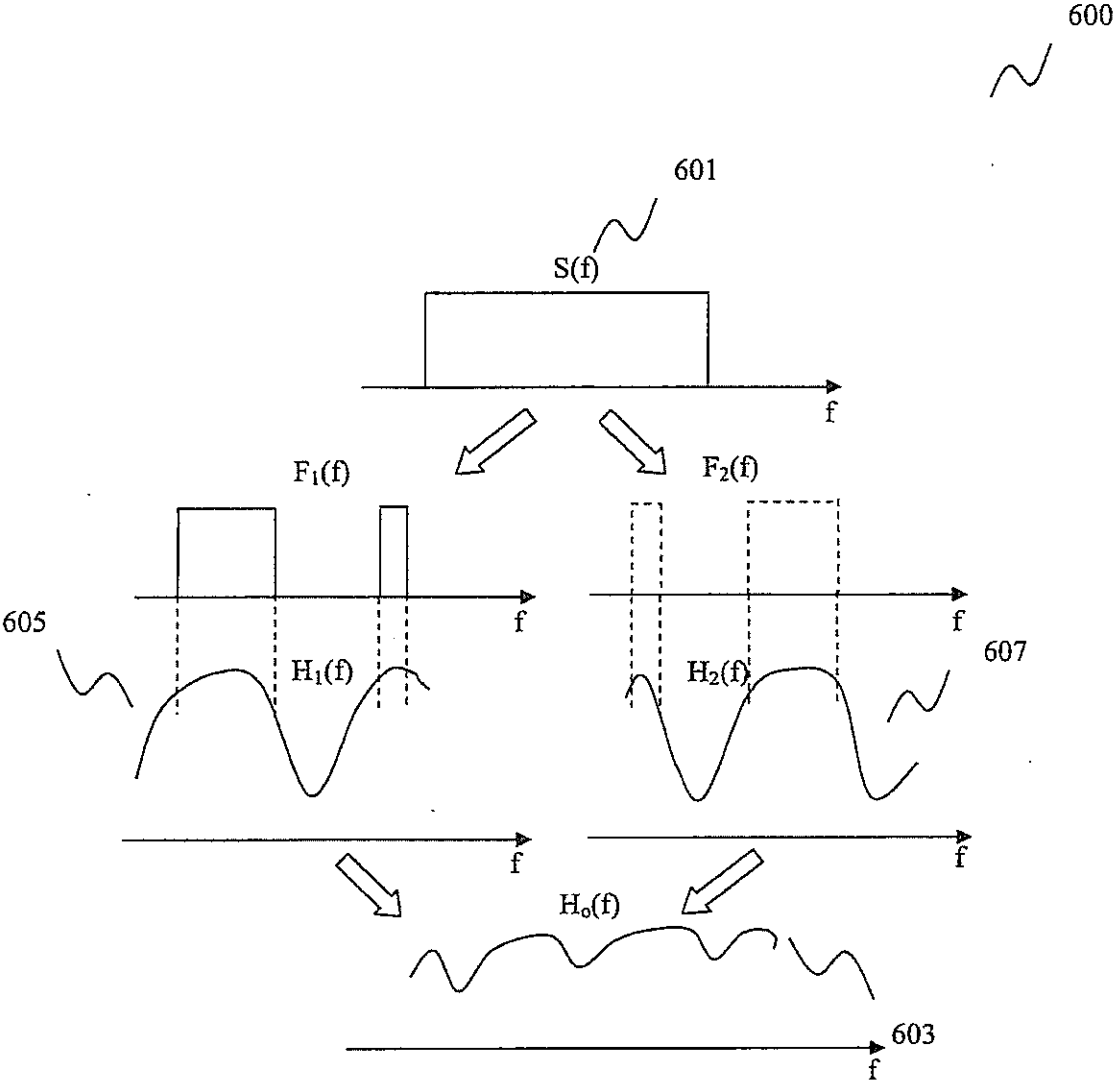


Figure 6

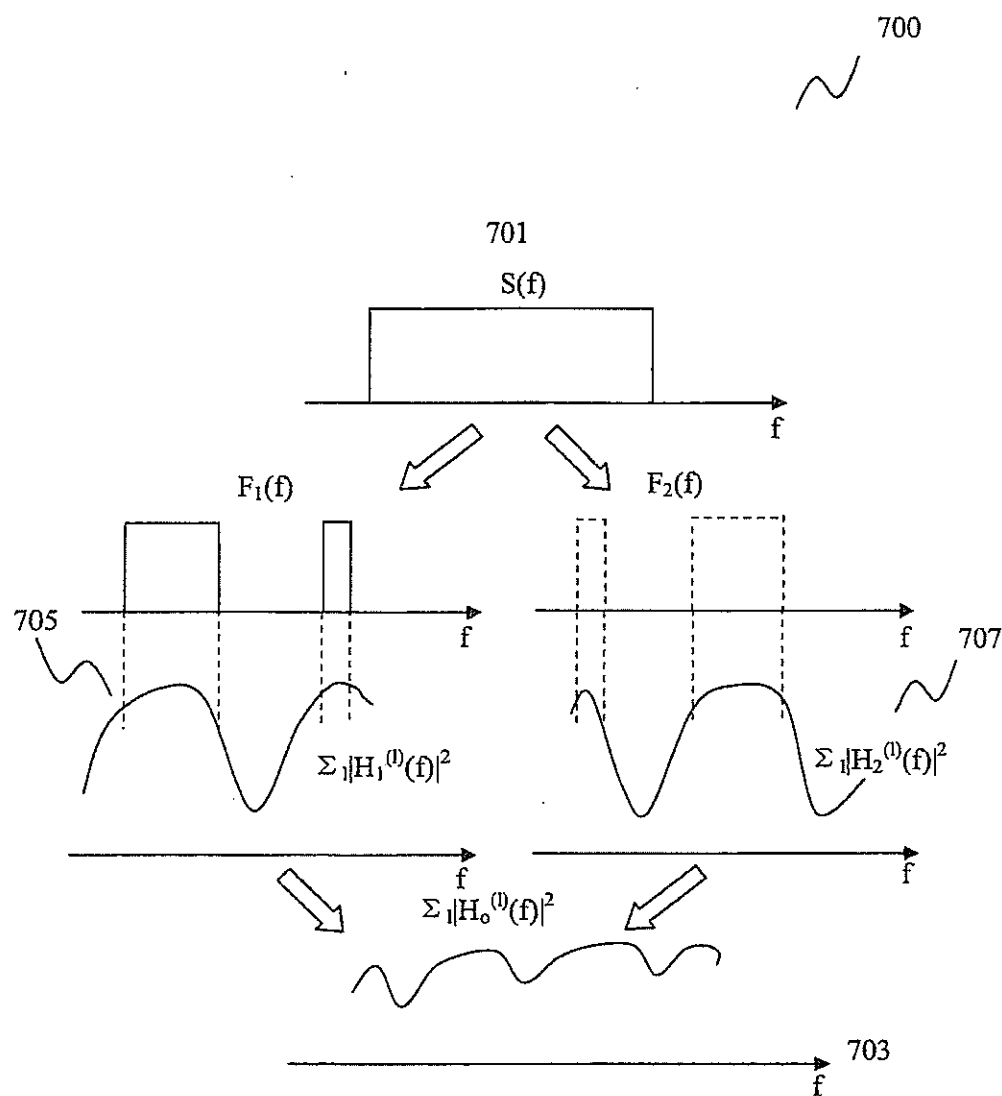


Figure 7

800

Method 1		
	Ant1	Ant2
Sub1	2.9	0.5
Sub2	2.5	0.9
Sub3	2.1	1.5
Sub4	1.3	2.6
Sub5	1.9	3.5
Sub6	2.6	2.3
Sub7	3.0	1.7
Sub8	3.2	0.3
# of Sub Selected	6	2

Figure 8

Method 2a - Step 1			Method 2a - Step 2			Method 2a - Step 3		
	Ant1	Ant2		Ant1	Ant2		Ant1	Ant2
Sub1	2.9	0.5	Sub1	2.9	0.5	Sub1	2.9	0.5
Sub2	2.5	0.9	Sub2	0.0	0.9	Sub2	0.0	0.9
Sub3	2.1	1.5	Sub3	0.0	1.5	Sub3	0.0	1.5
Sub4	1.3	2.6	Sub4	1.3	2.6	Sub4	1.3	2.6
Sub5	1.9	3.5	Sub5	1.9	3.5	Sub5	1.9	3.5
Sub6	2.6	2.3	Sub6	2.6	2.3	Sub6	2.6	2.3
Sub7	3.0	1.7	Sub7	3.0	1.7	Sub7	3.0	1.7
Sub8	3.2	0.3	Sub8	3.2	0.3	Sub8	3.2	0.3
# of Sub Selected	6	2	# of Sub Selected	4	2	# of Sub Selected	4	4

Figure 9

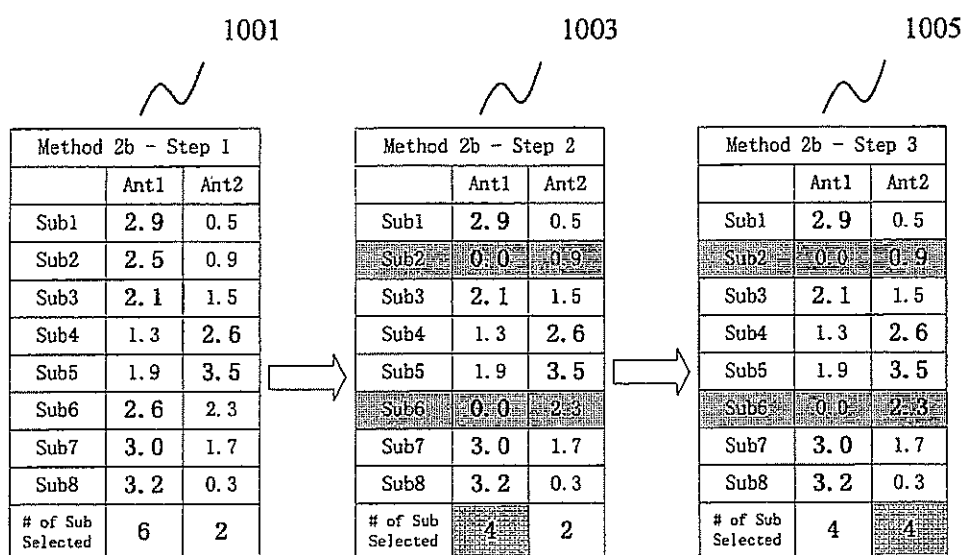


Figure 10

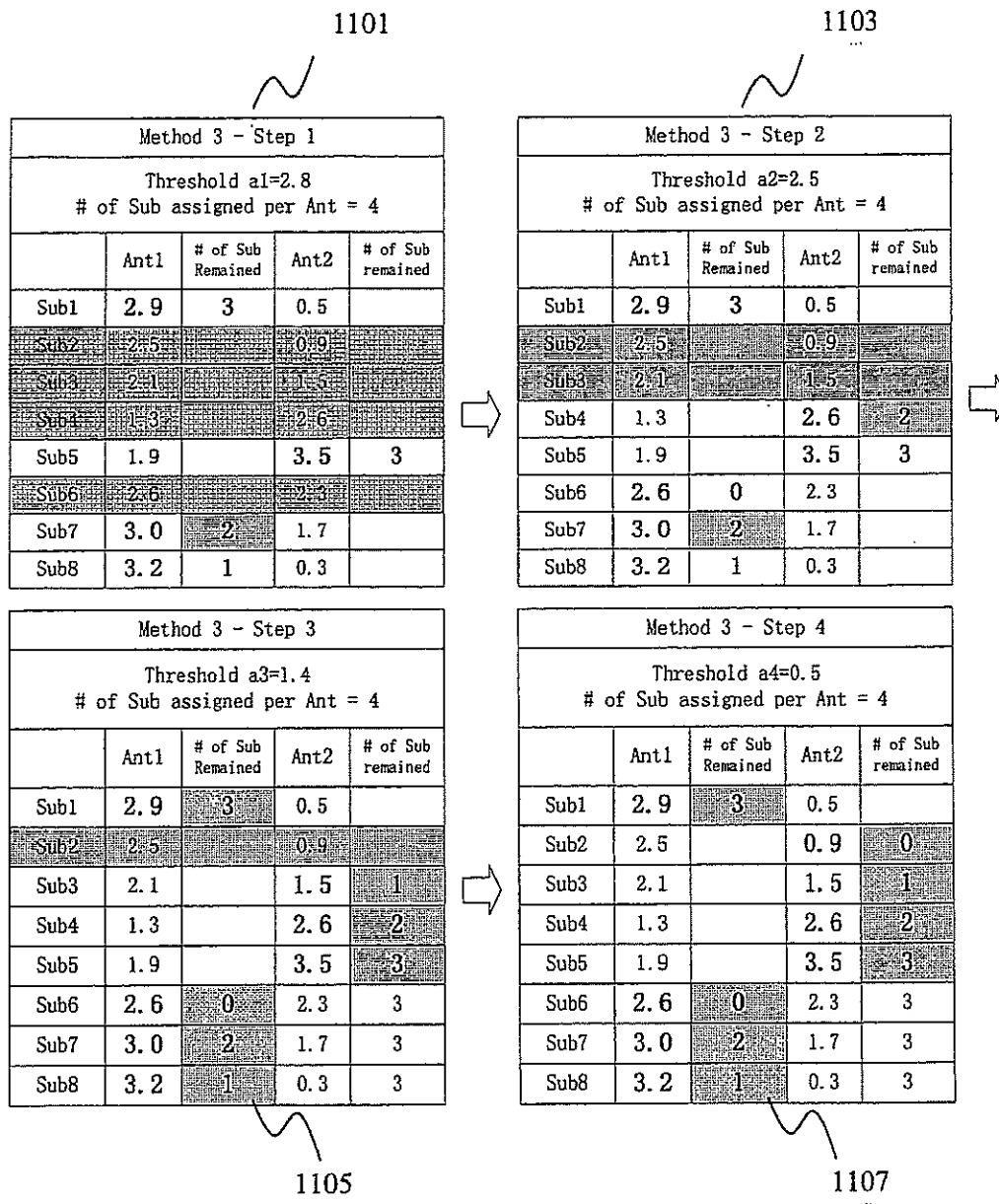


Figure 11

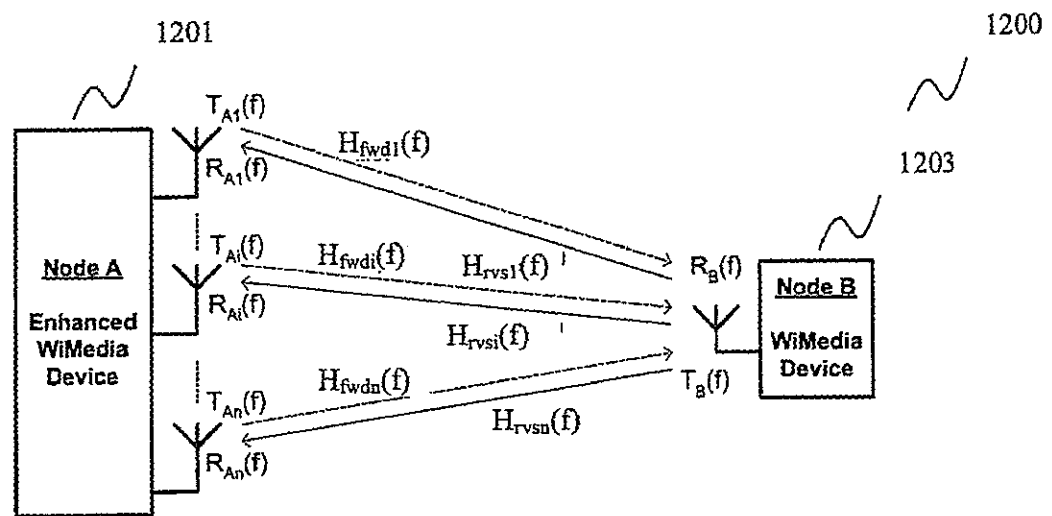


Figure 12

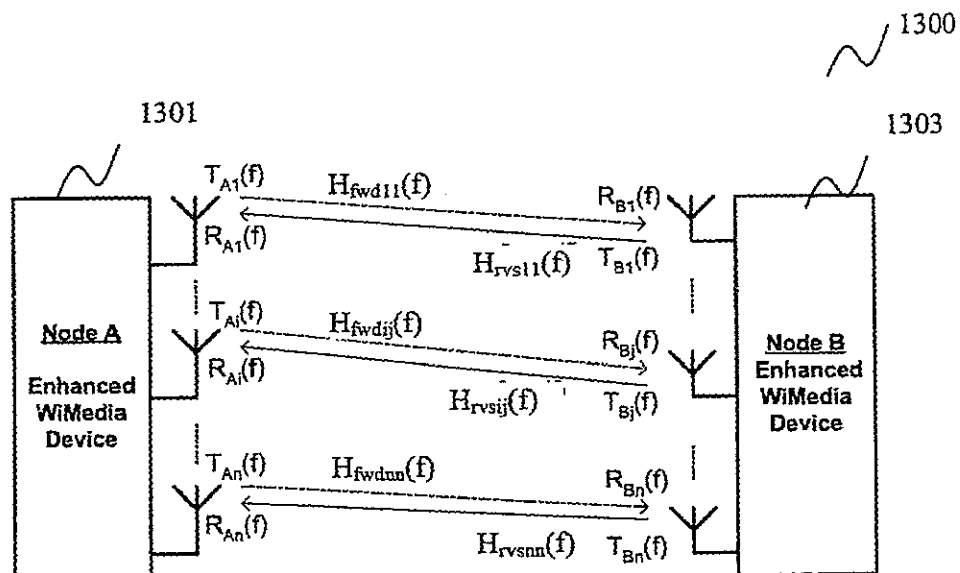


Figure 13

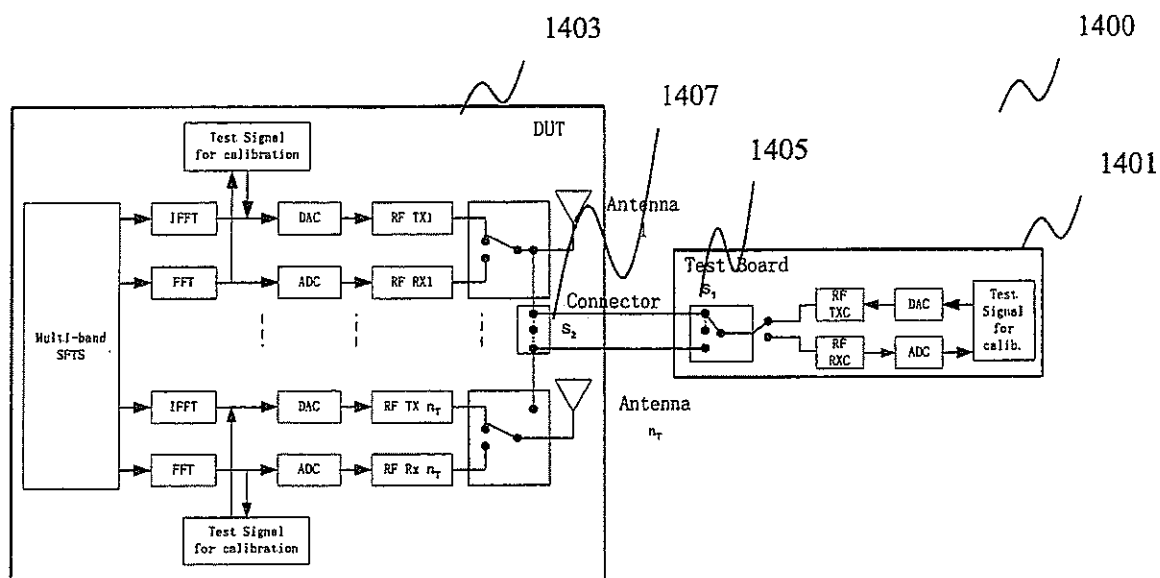


Figure 14

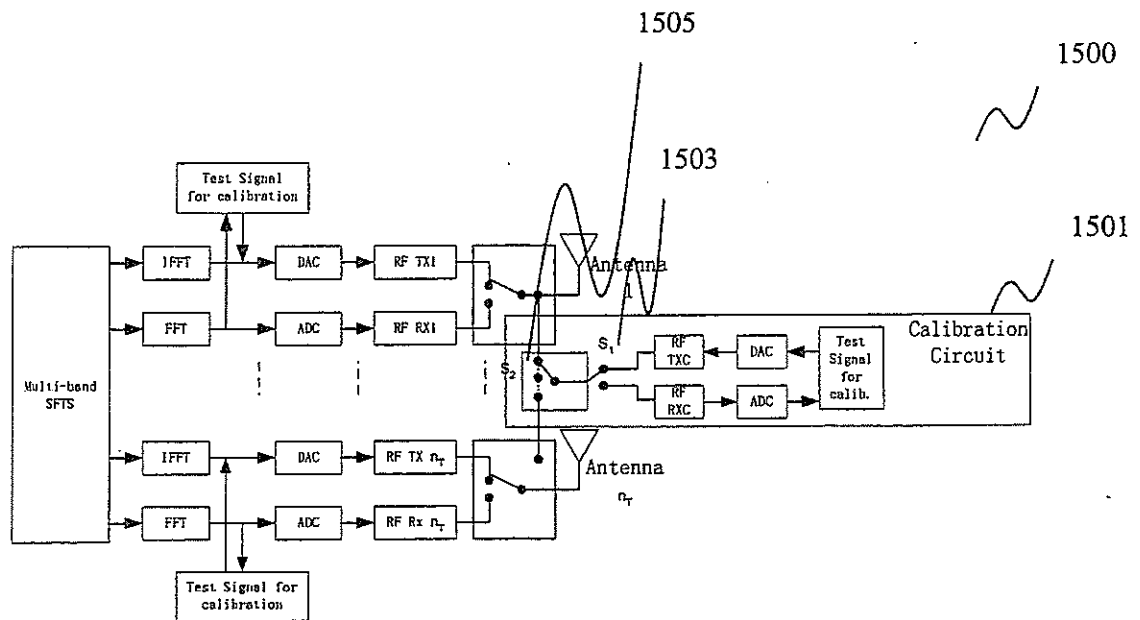


Figure 15

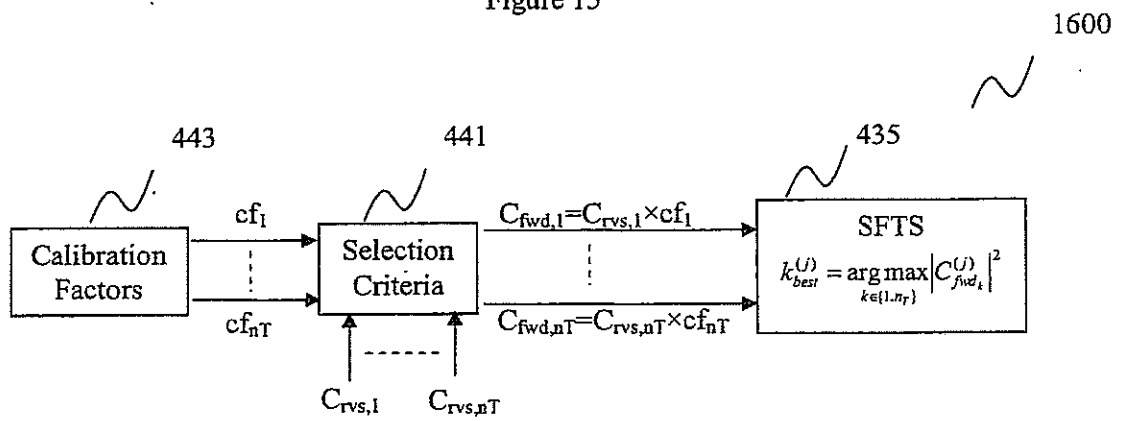


Figure 16

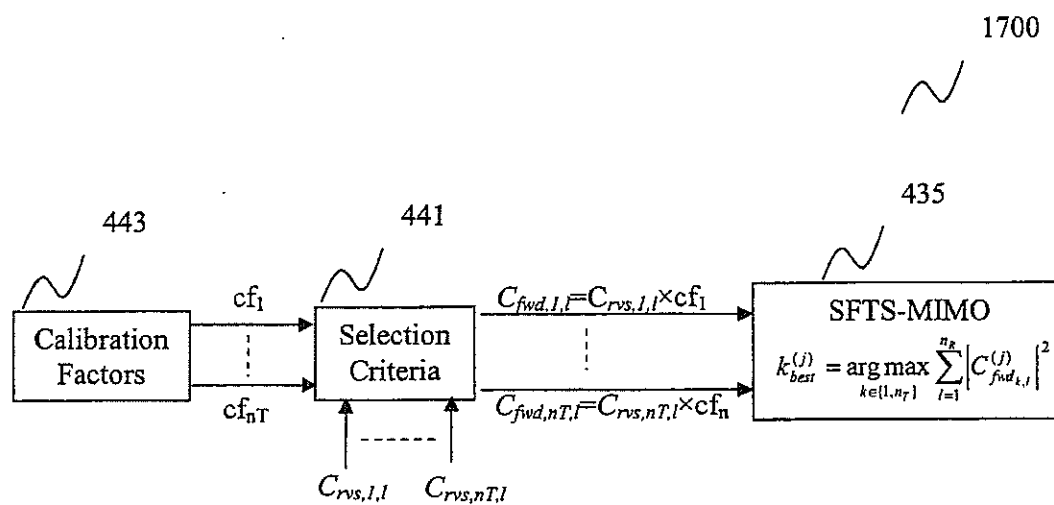


Figure 17

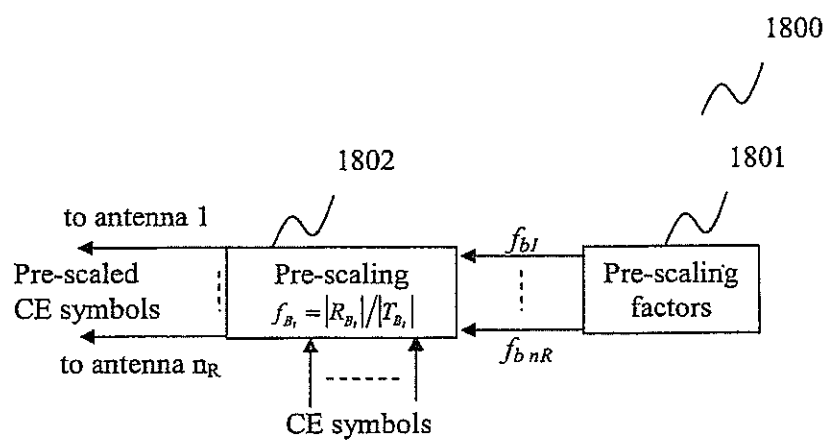


Figure 18

1900

	Characteristic	Max delay
CM1	LOS, 0-4m	$\tau_{\max}=8.92\text{ns}$
CM2	NLOS, 0-4m	$\tau_{\max}=26.786\text{ns}$
CM3	NLOS, 4-10m	$\tau_{\max}=56.413\text{ns}$
CM4	Extreme NLOS, 4-10m	$\tau_{\max}=77.111\text{ns}$

Figure 19

2000

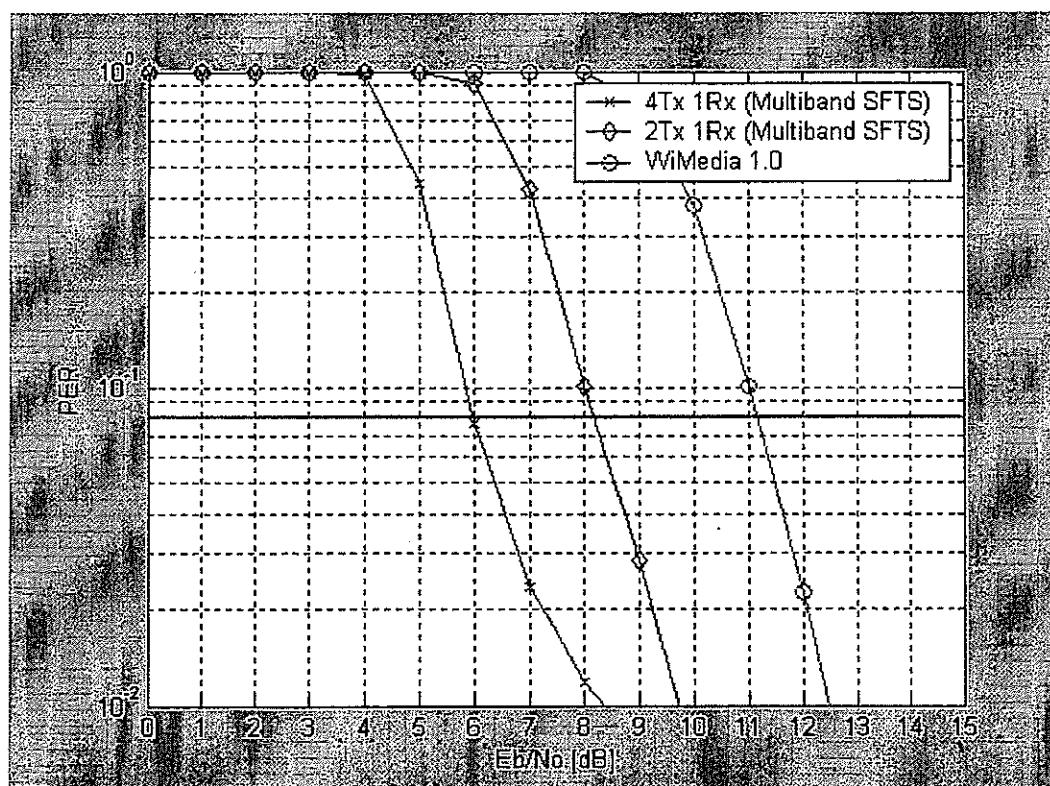


Figure 20

2100

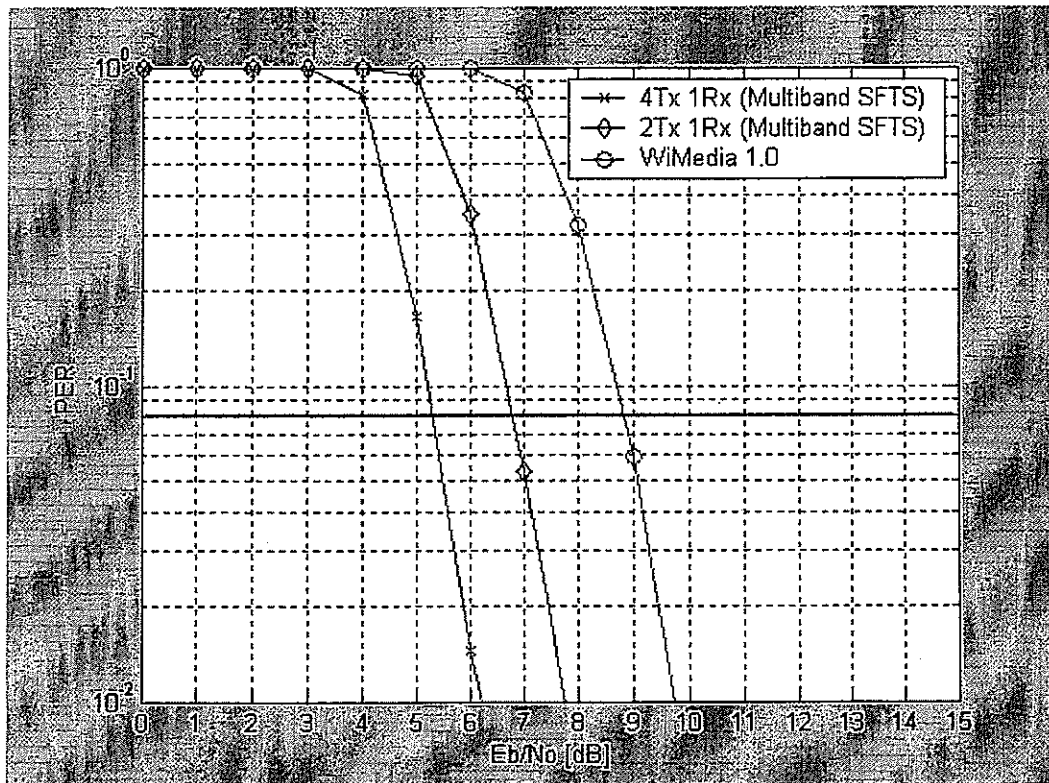


Figure 21

2200

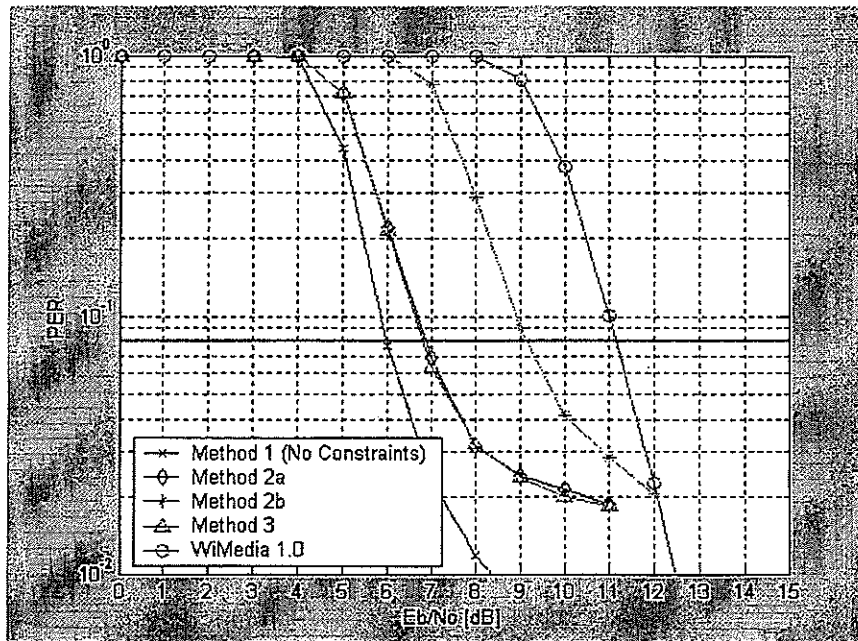


Figure 22

2300

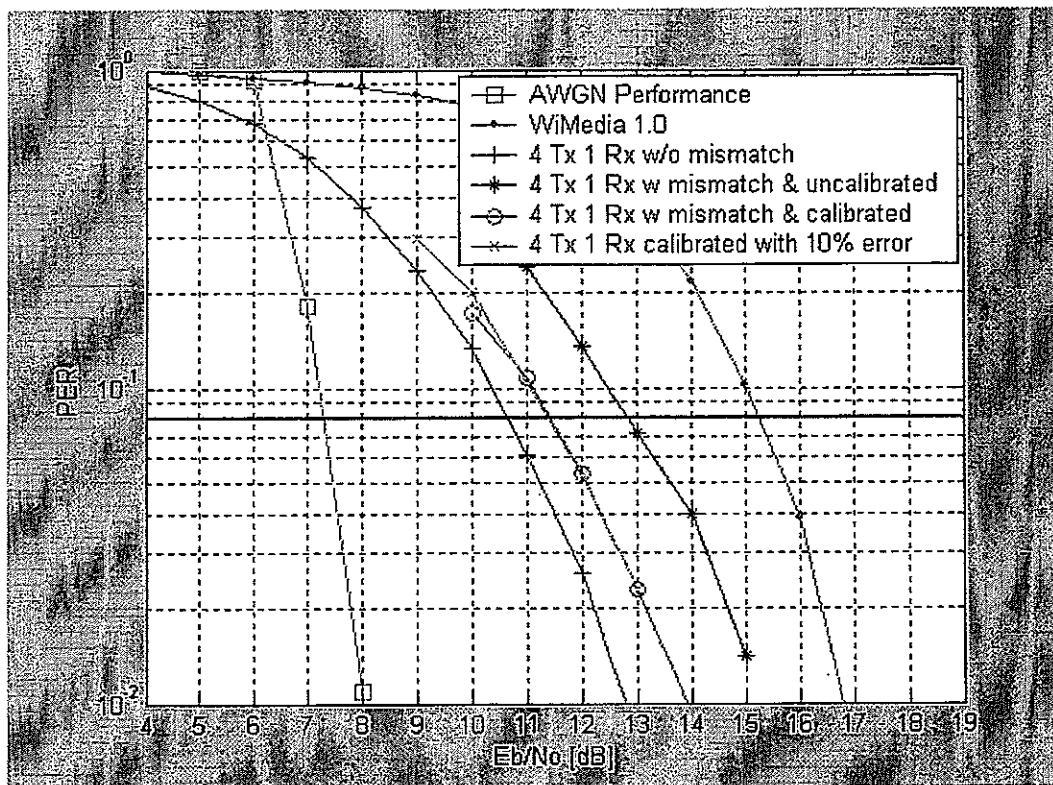


Figure 23

2400

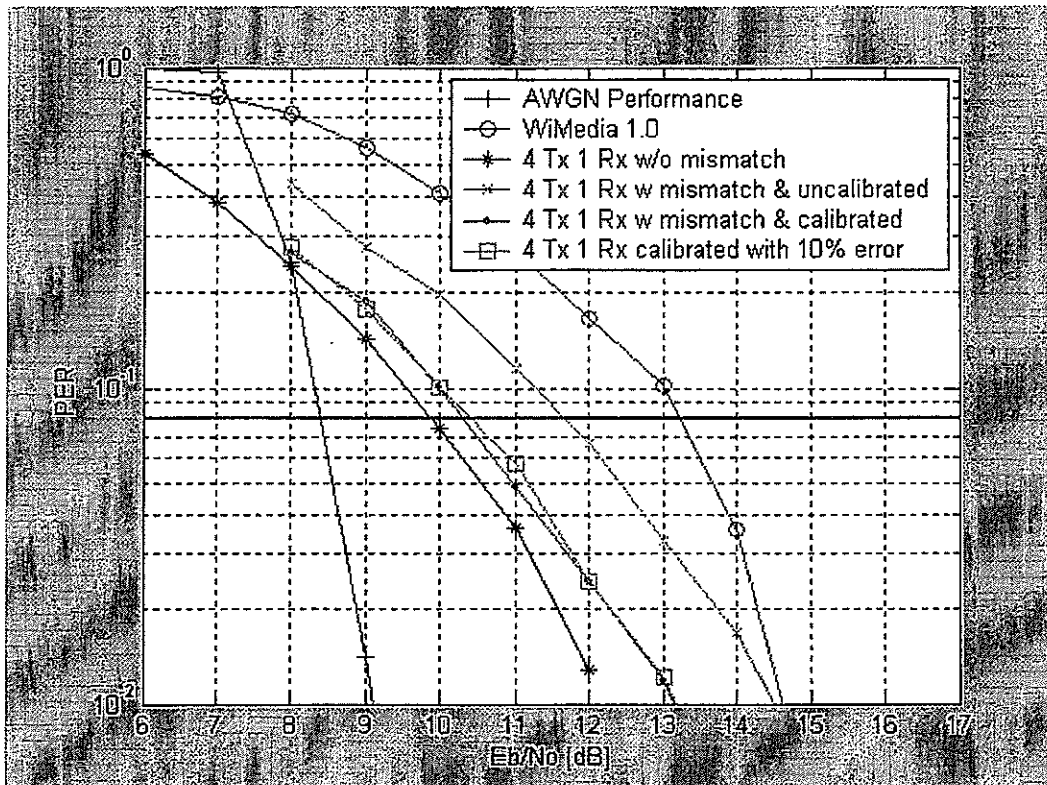


Figure 24

2500

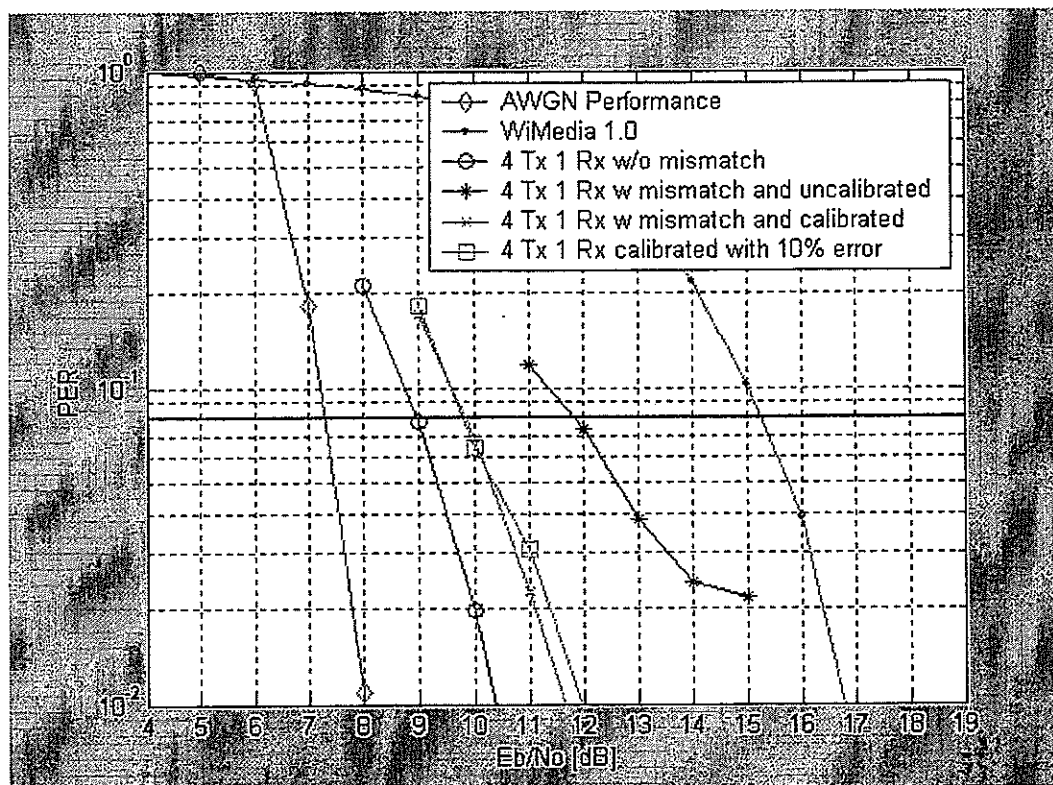


Figure 25

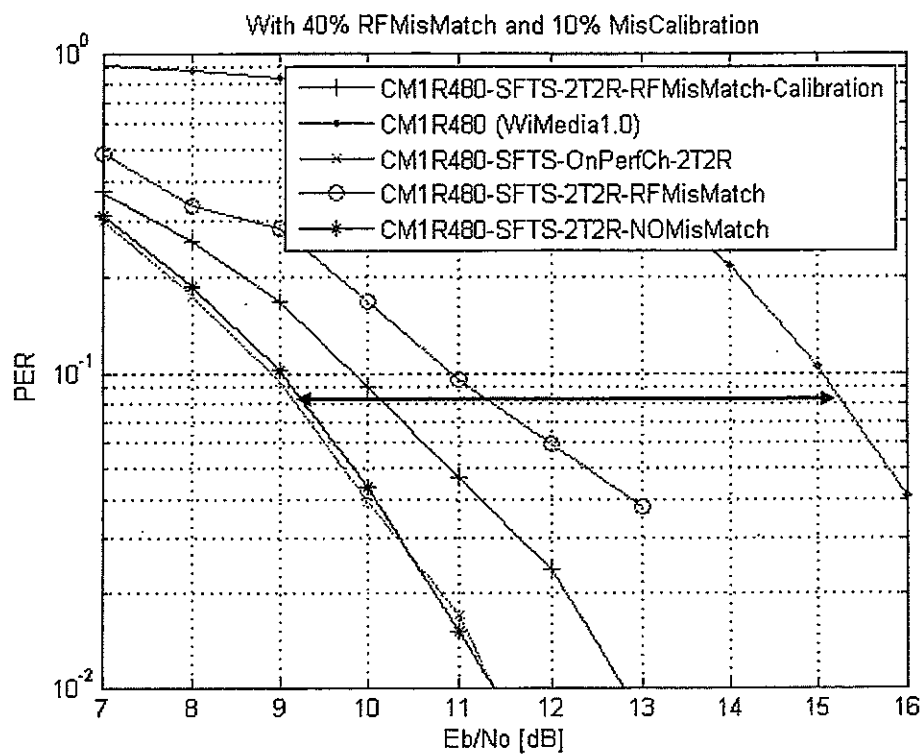


Figure 26

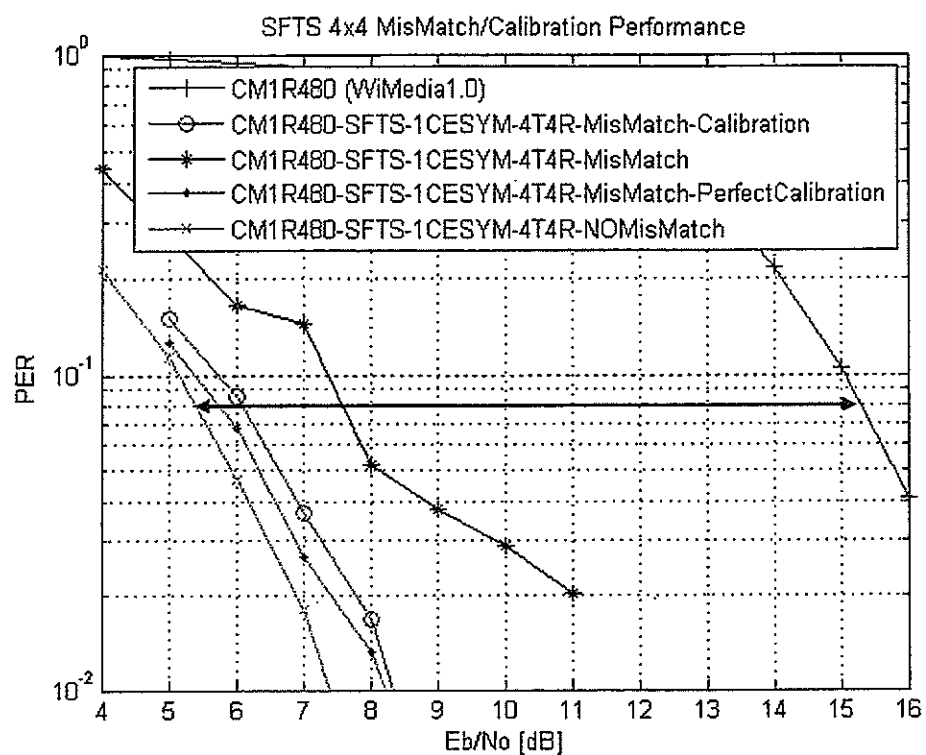


Figure 27

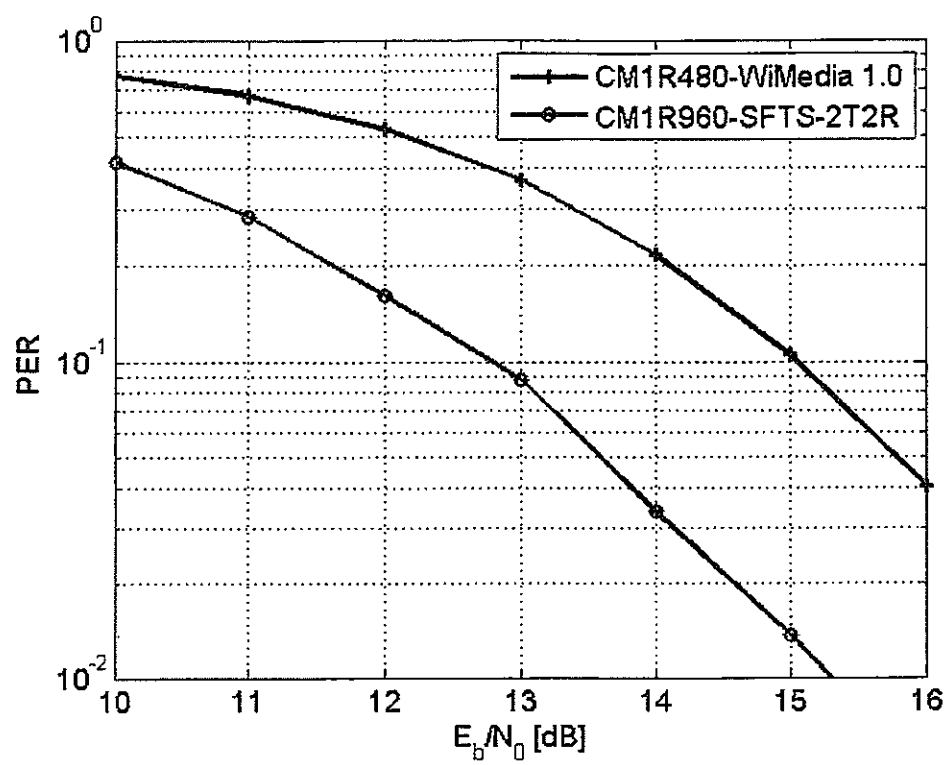


Figure 28