

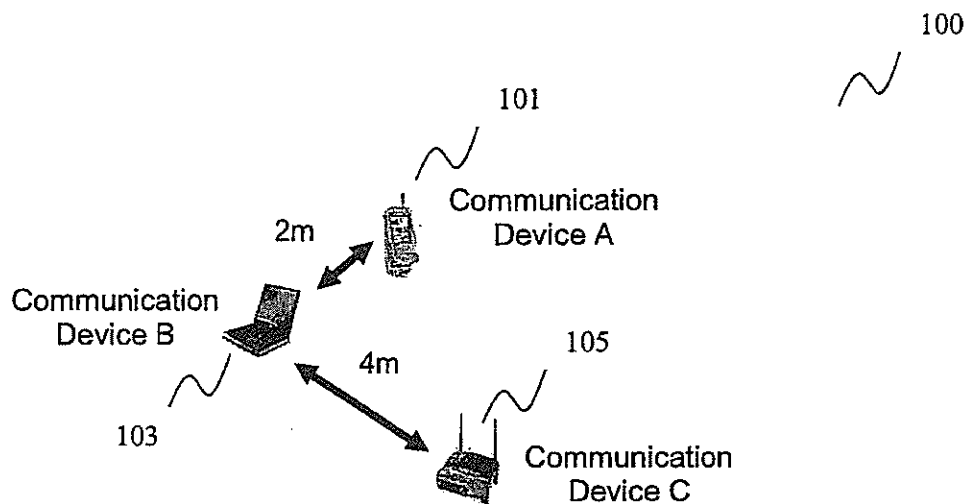


Figure 1

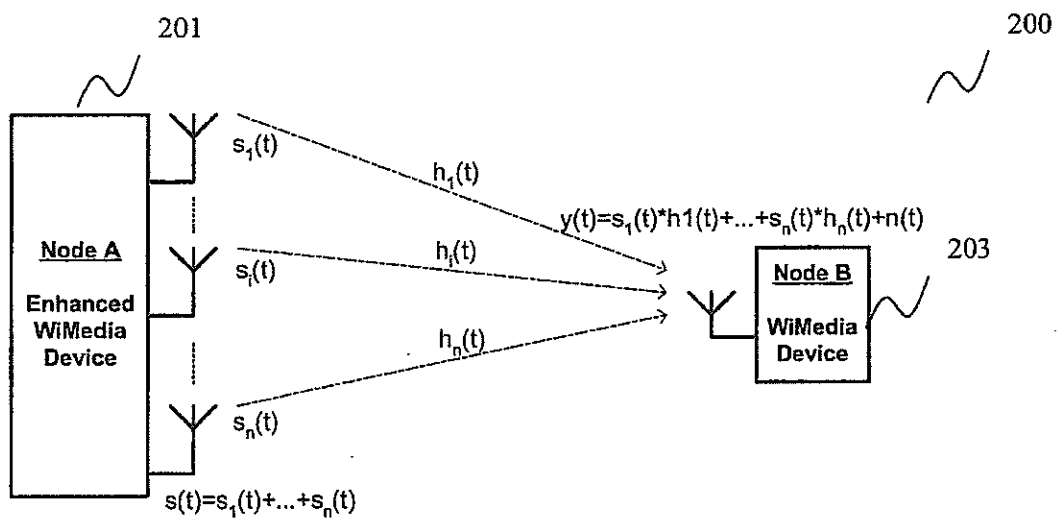


Figure 2

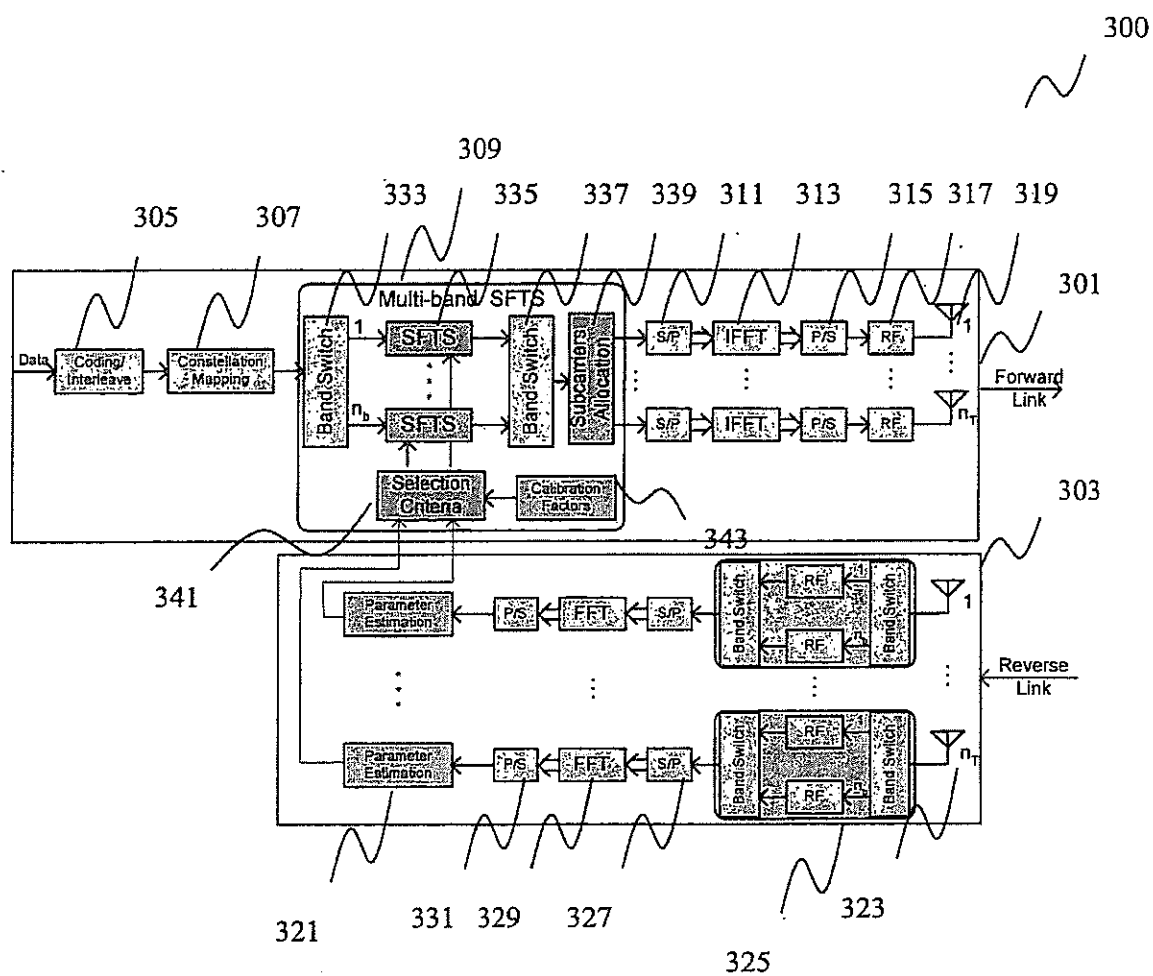


Figure 3

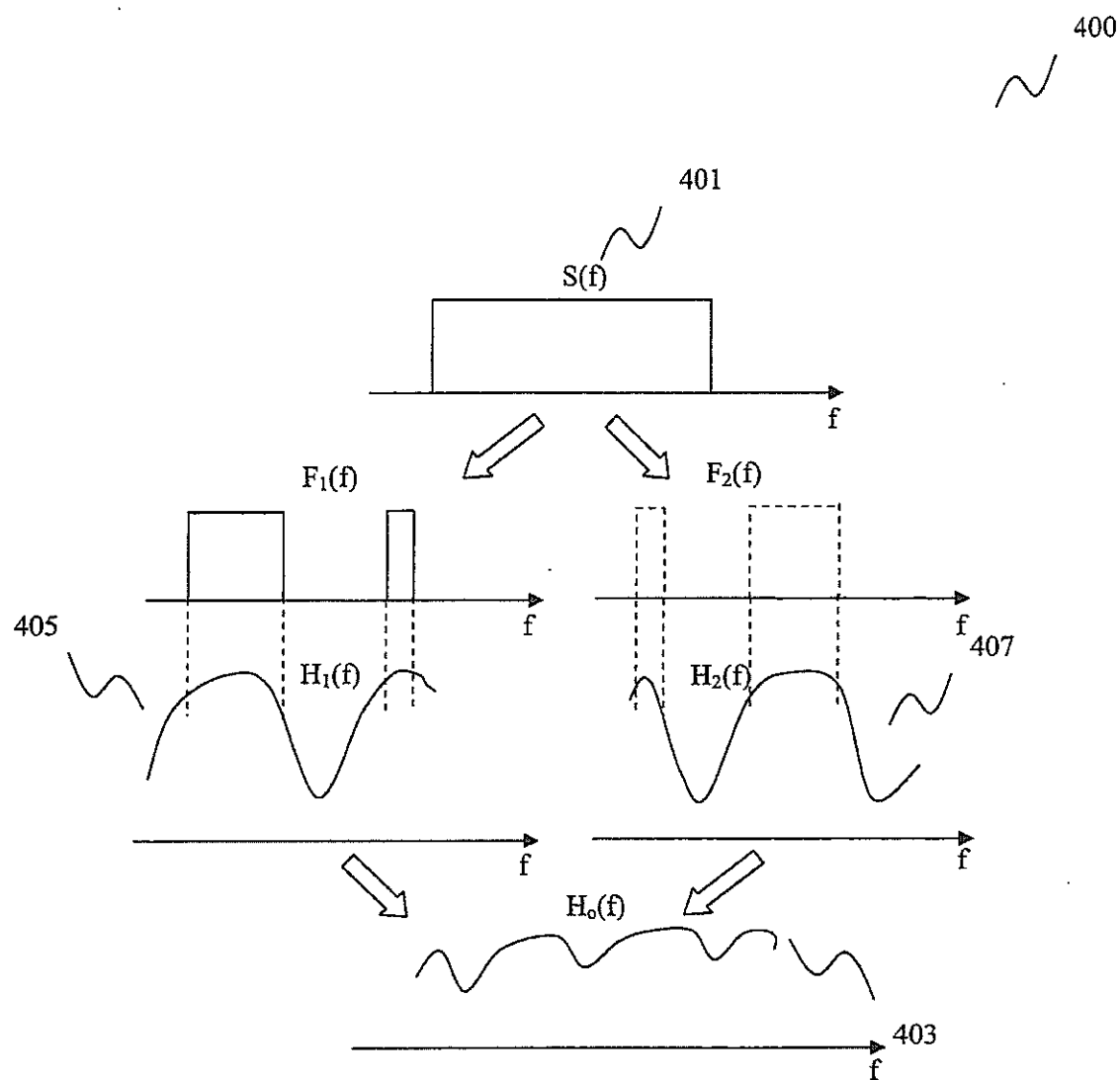


Figure 4

500

	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 5

601

	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

603

	Ant1	Ant2
Sub1	2.9	0.5
Sub2	0.0	0.9
Sub3	0.0	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	4	2

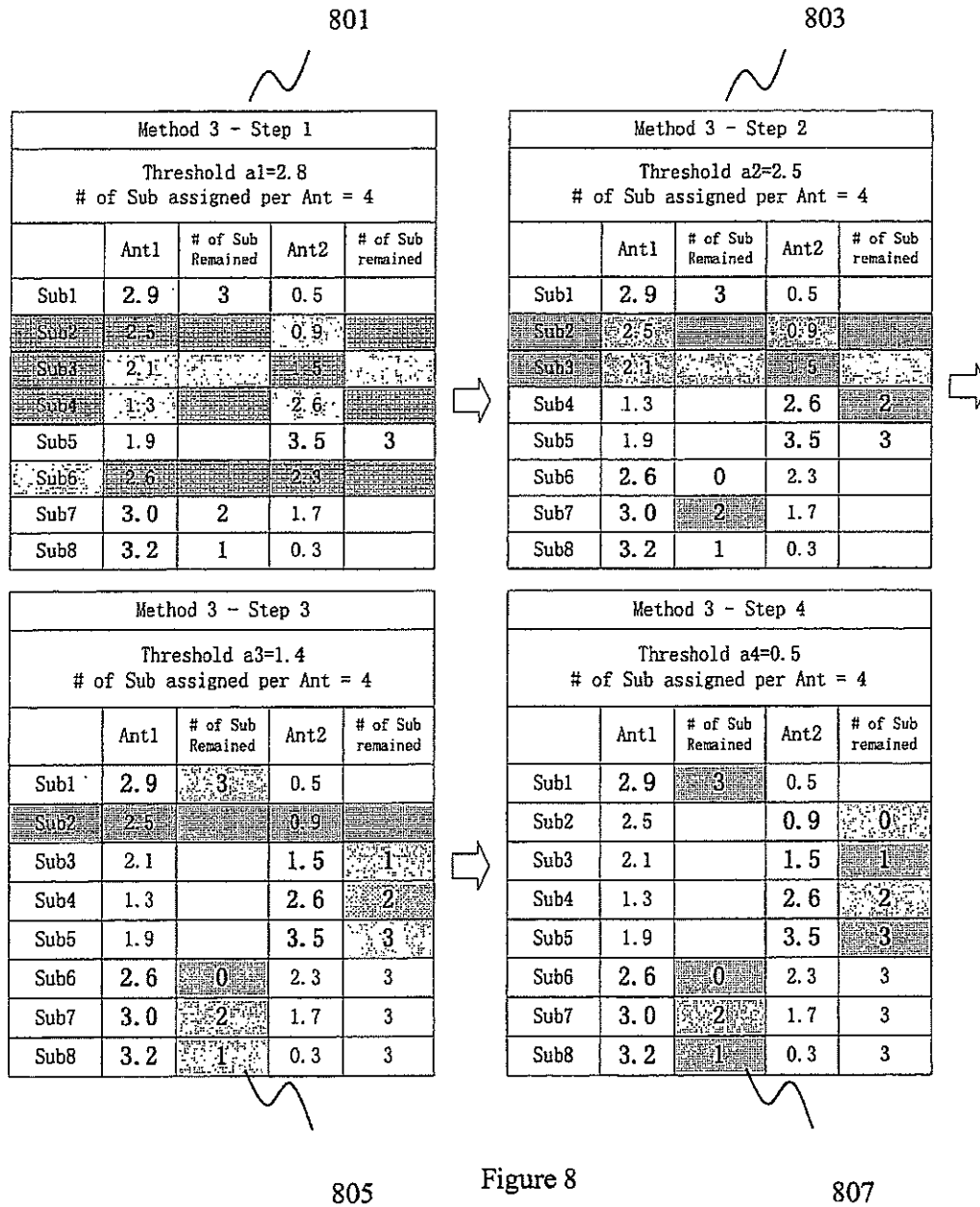
605

	Ant1	Ant2
Sub1	2.9	0.5
Sub2	0.0	0.9
Sub3	0.0	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	4	4

Figure 6

701			703			705		
Method 2b - Step 1			Method 2b - Step 2			Method 2b - 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	2.1	1.5	Sub3	2.1	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	0.0	2.3	Sub6	0.0	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 7



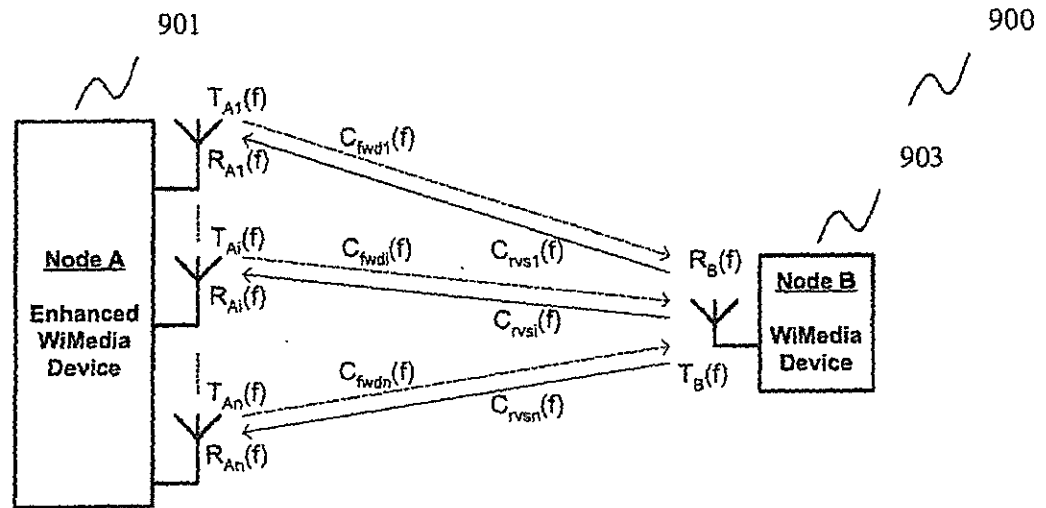


Figure 9

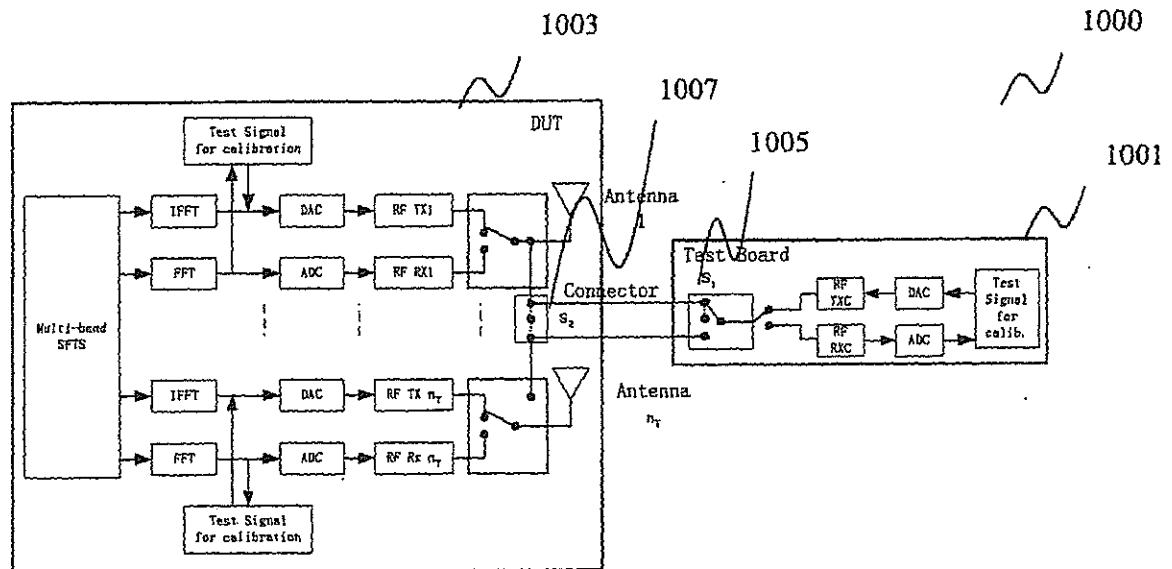


Figure 10

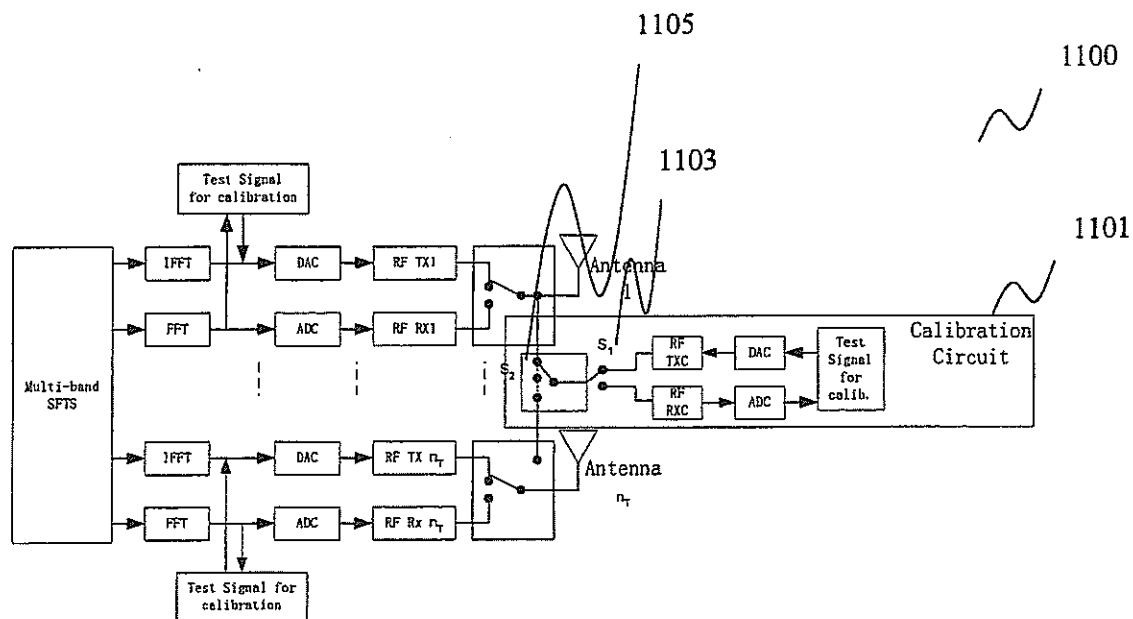


Figure 11

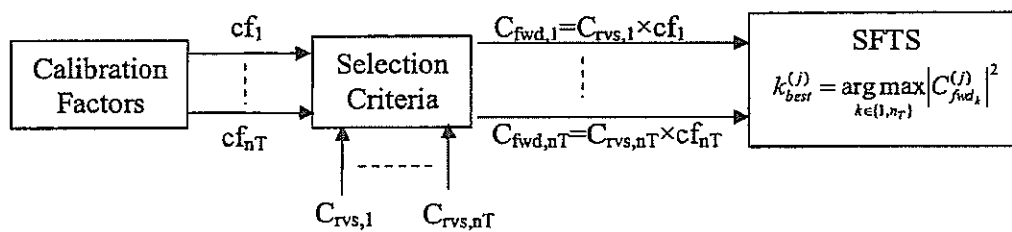


Figure 12

1300

	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 13

1400

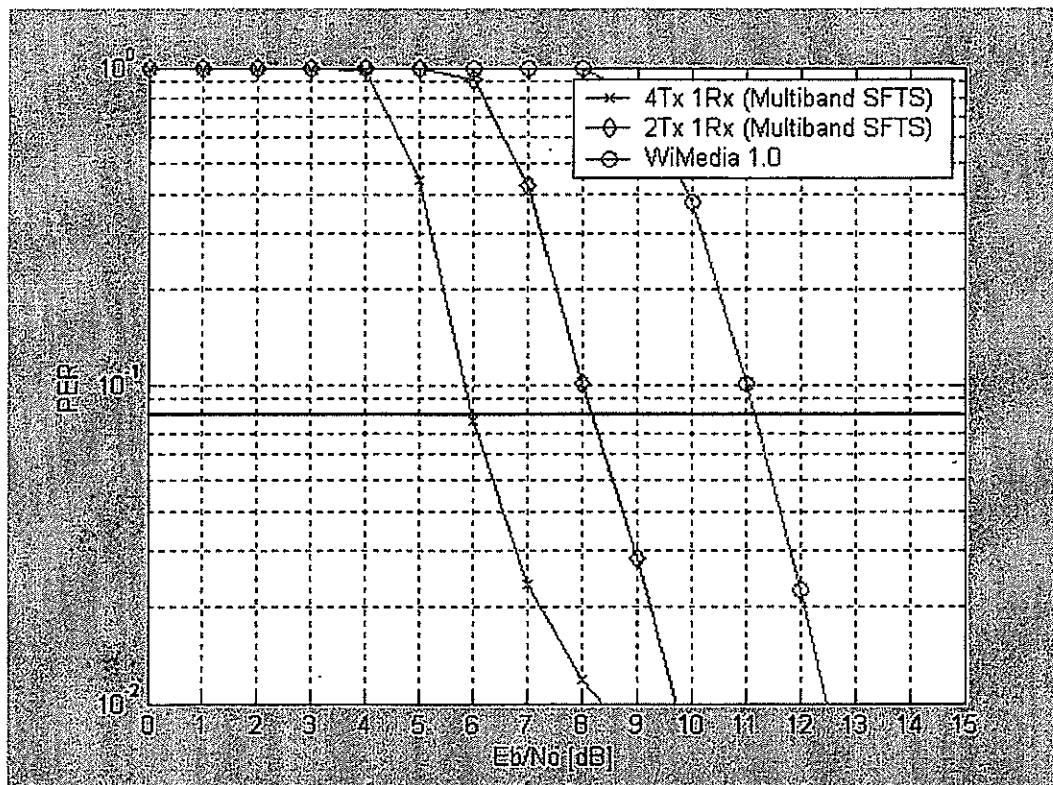


Figure 14

1500

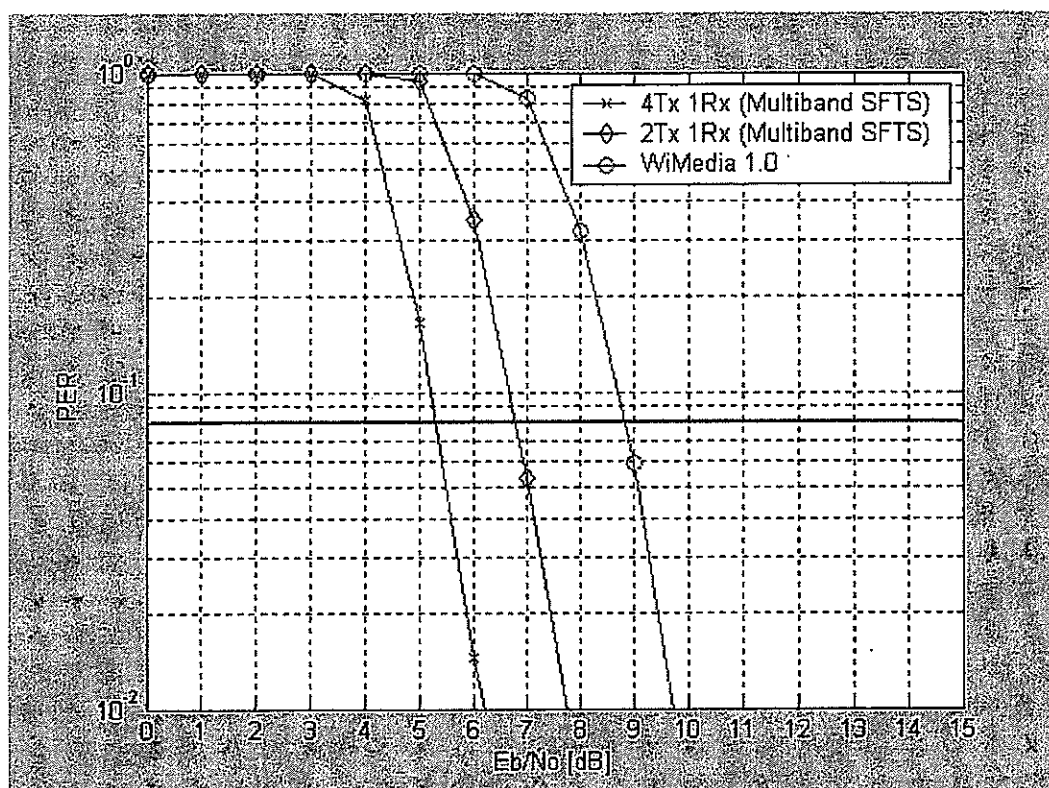


Figure 15

1600

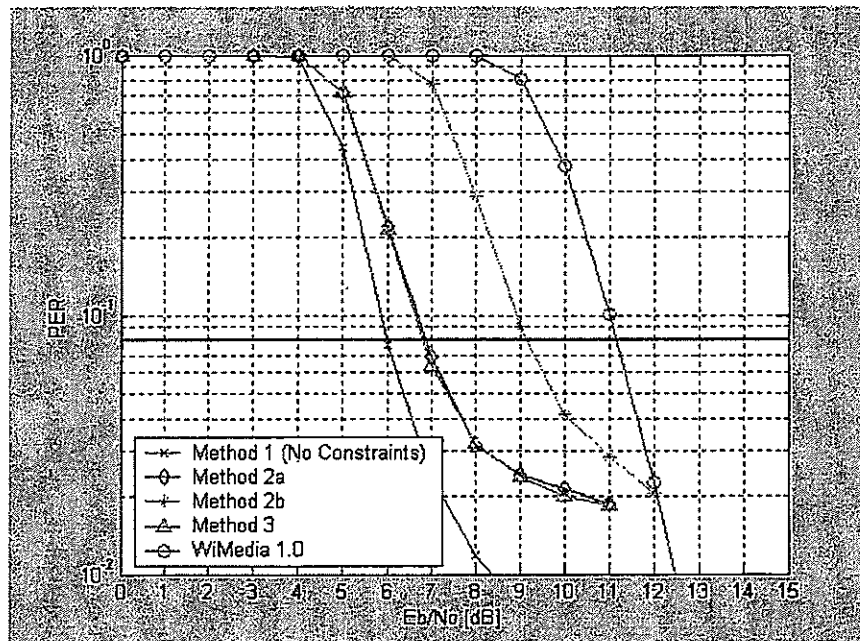


Figure 16

1700

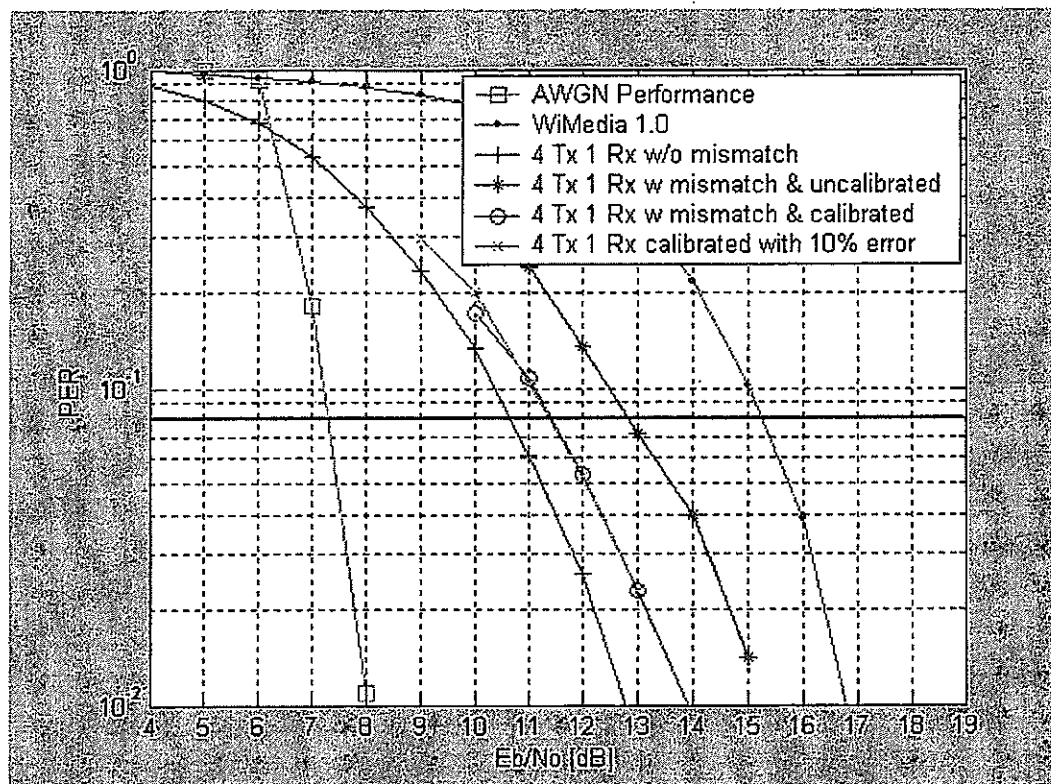


Figure 17

1800

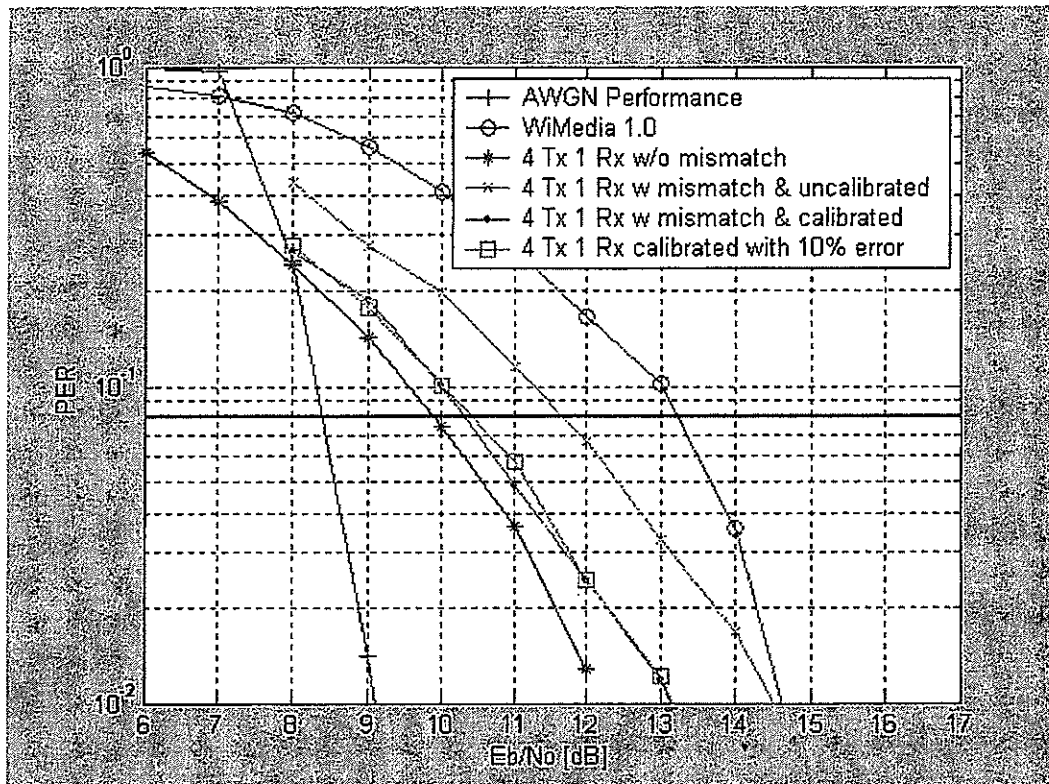


Figure 18

1900

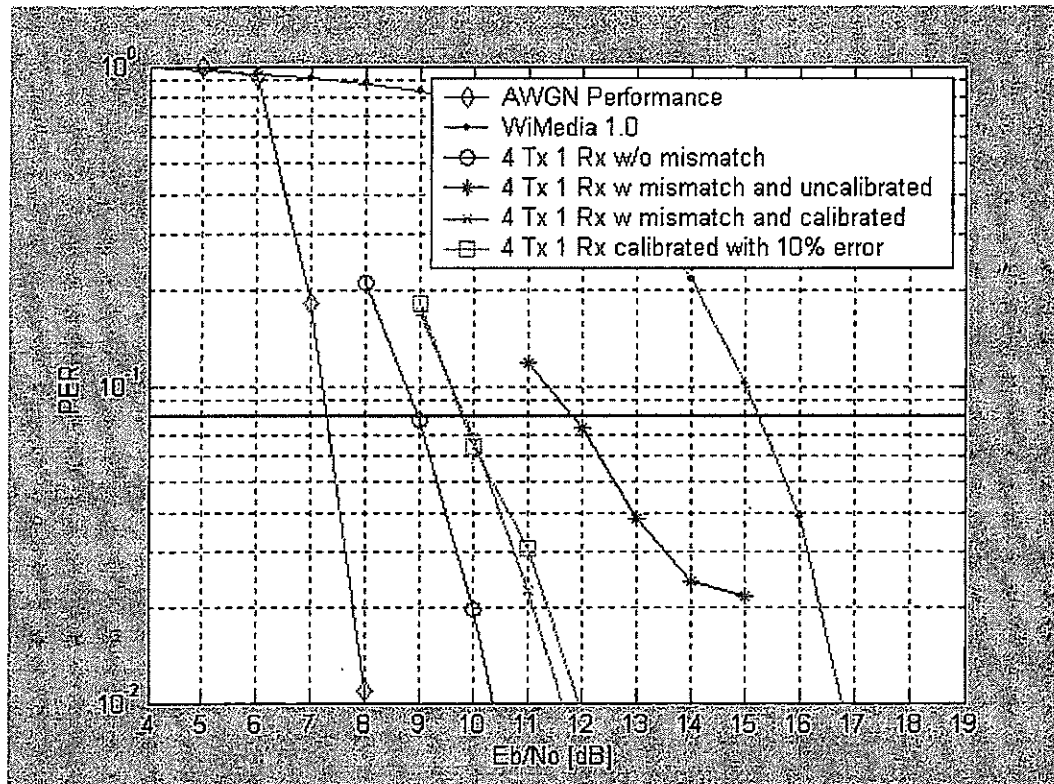


Figure 19