

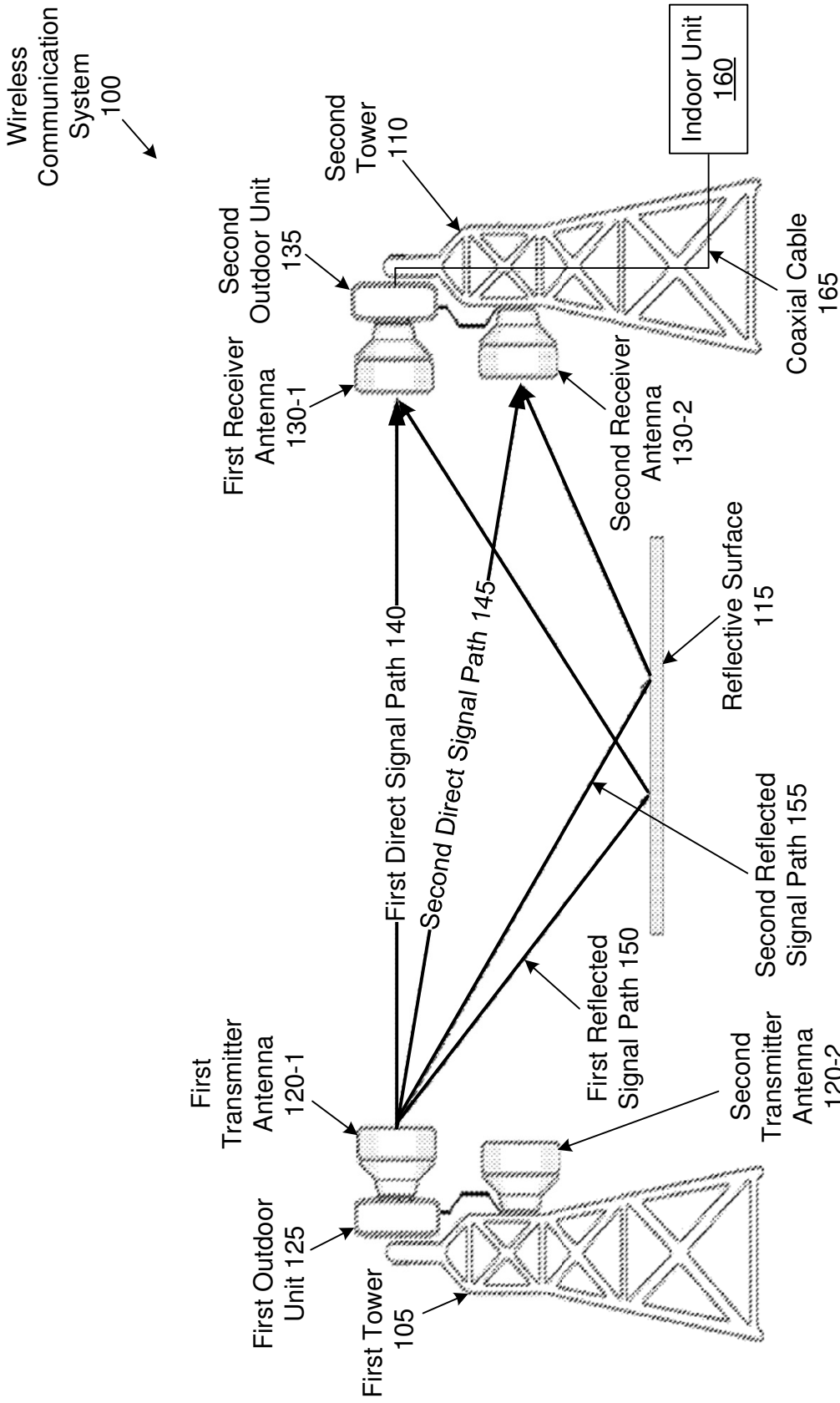


FIGURE 1

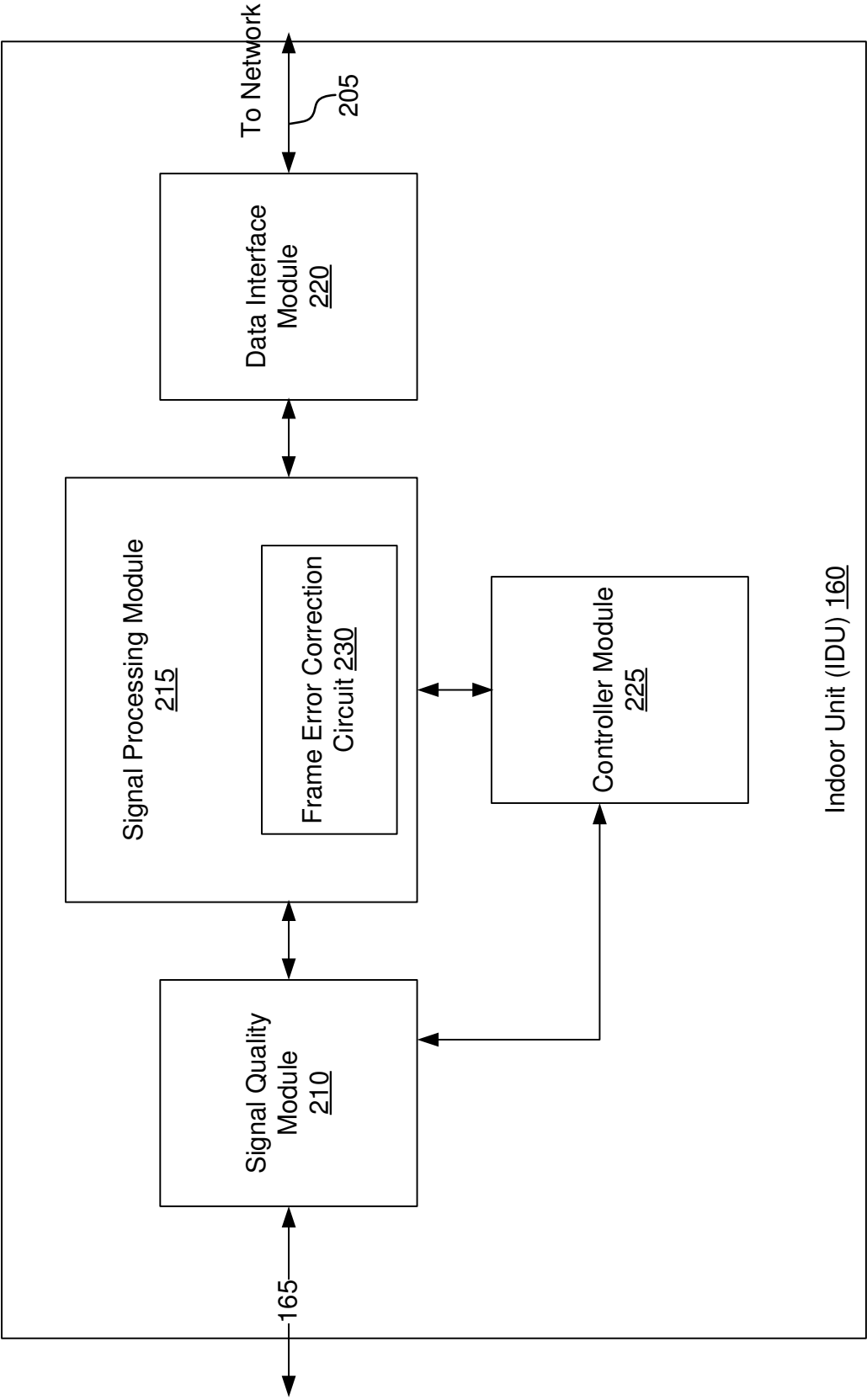


FIGURE 2

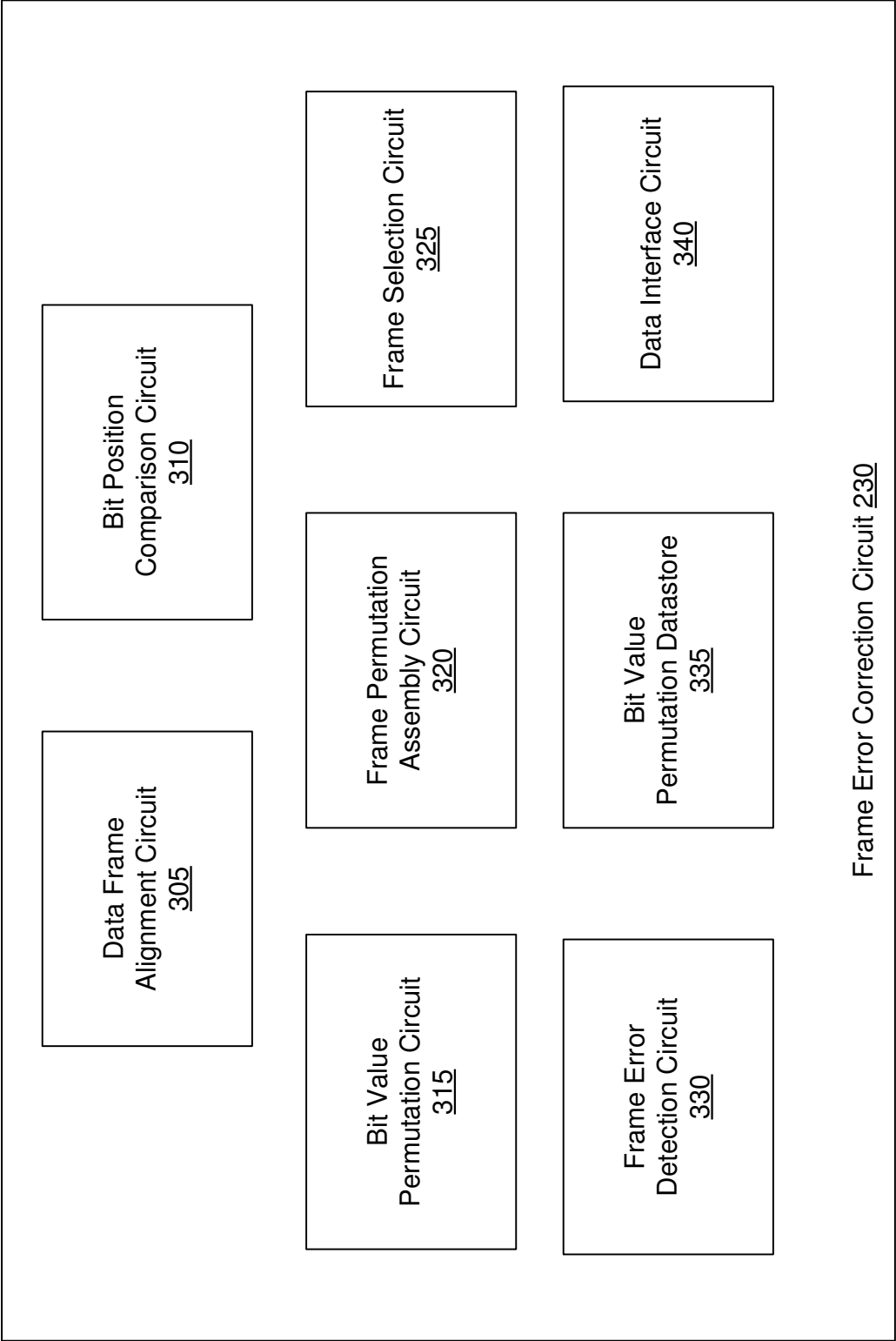


FIGURE 3

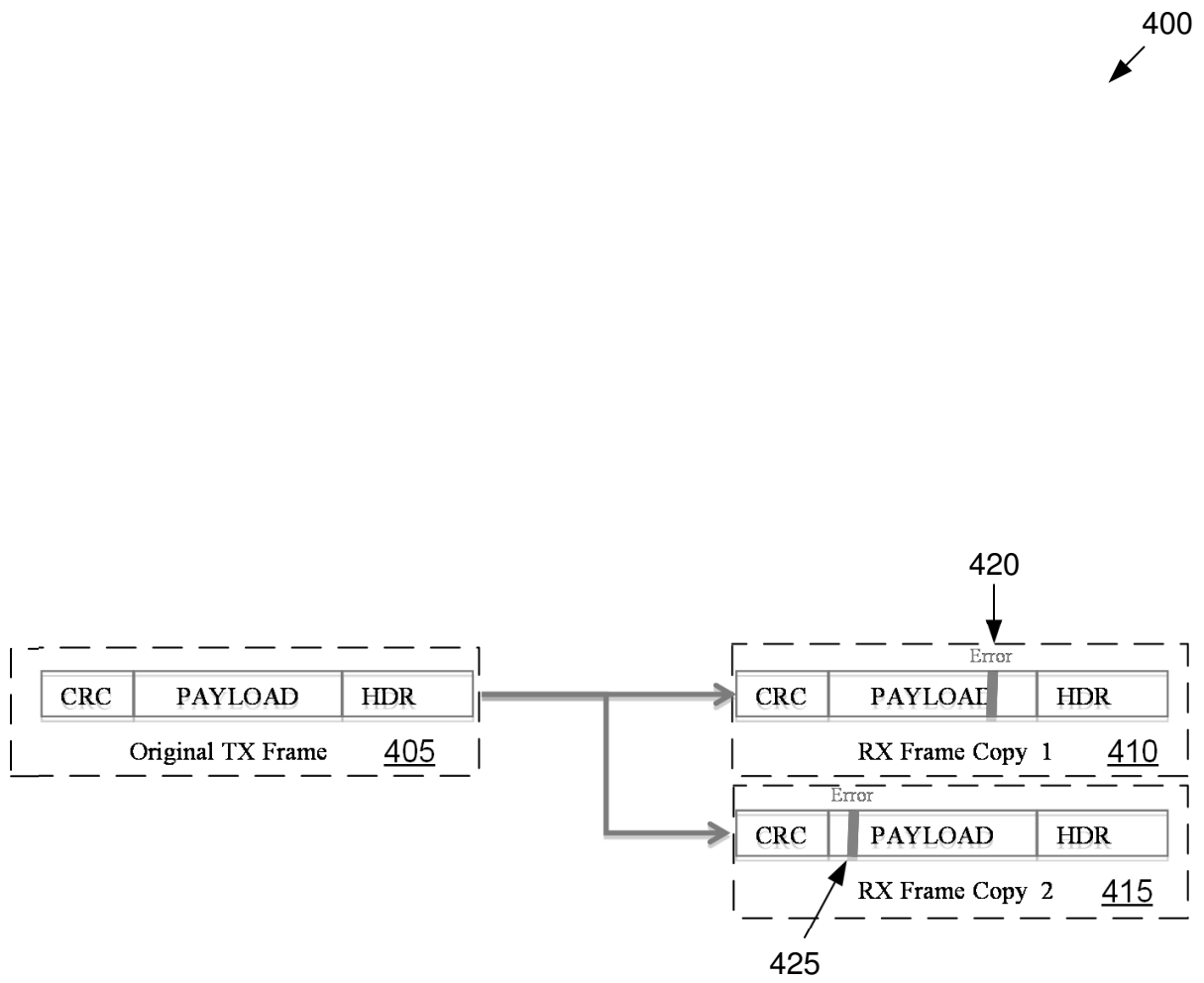


FIGURE 4

500A

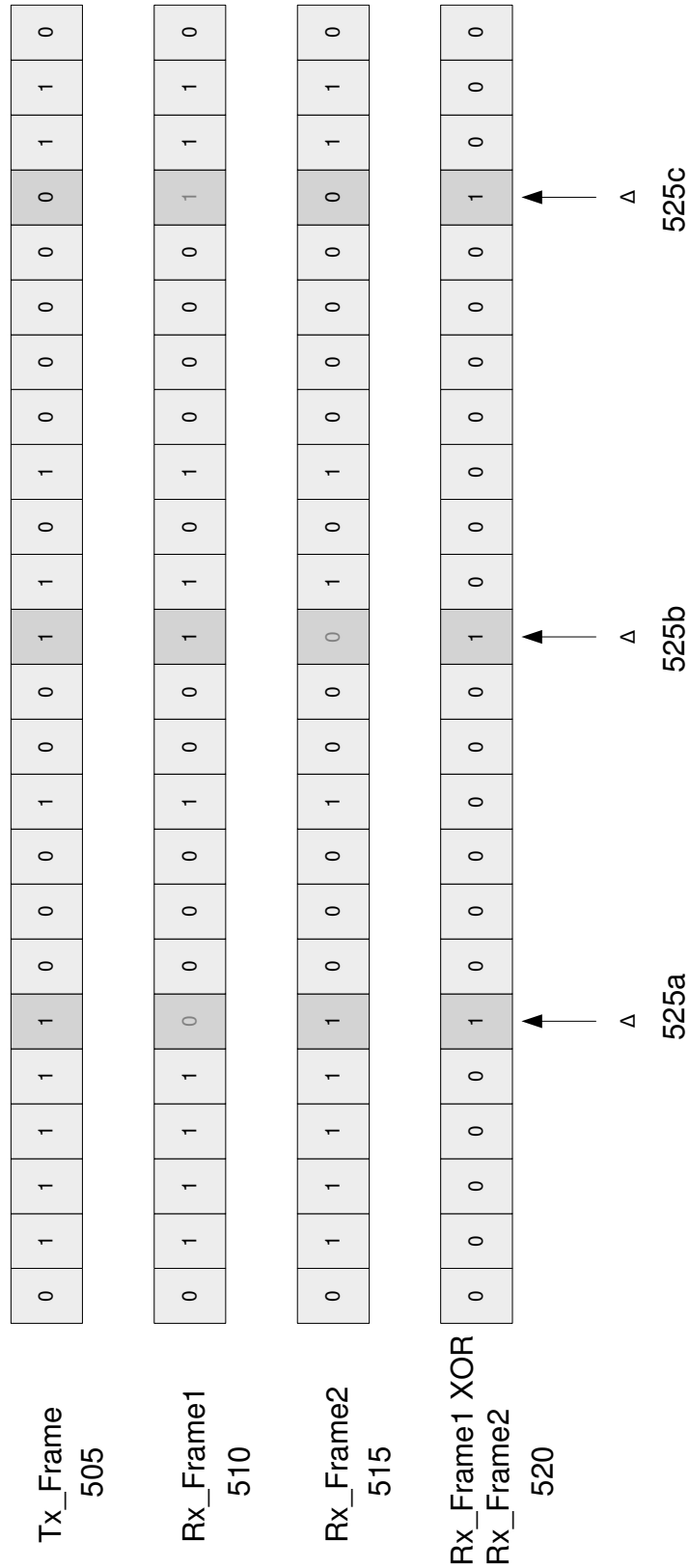


FIGURE 5A

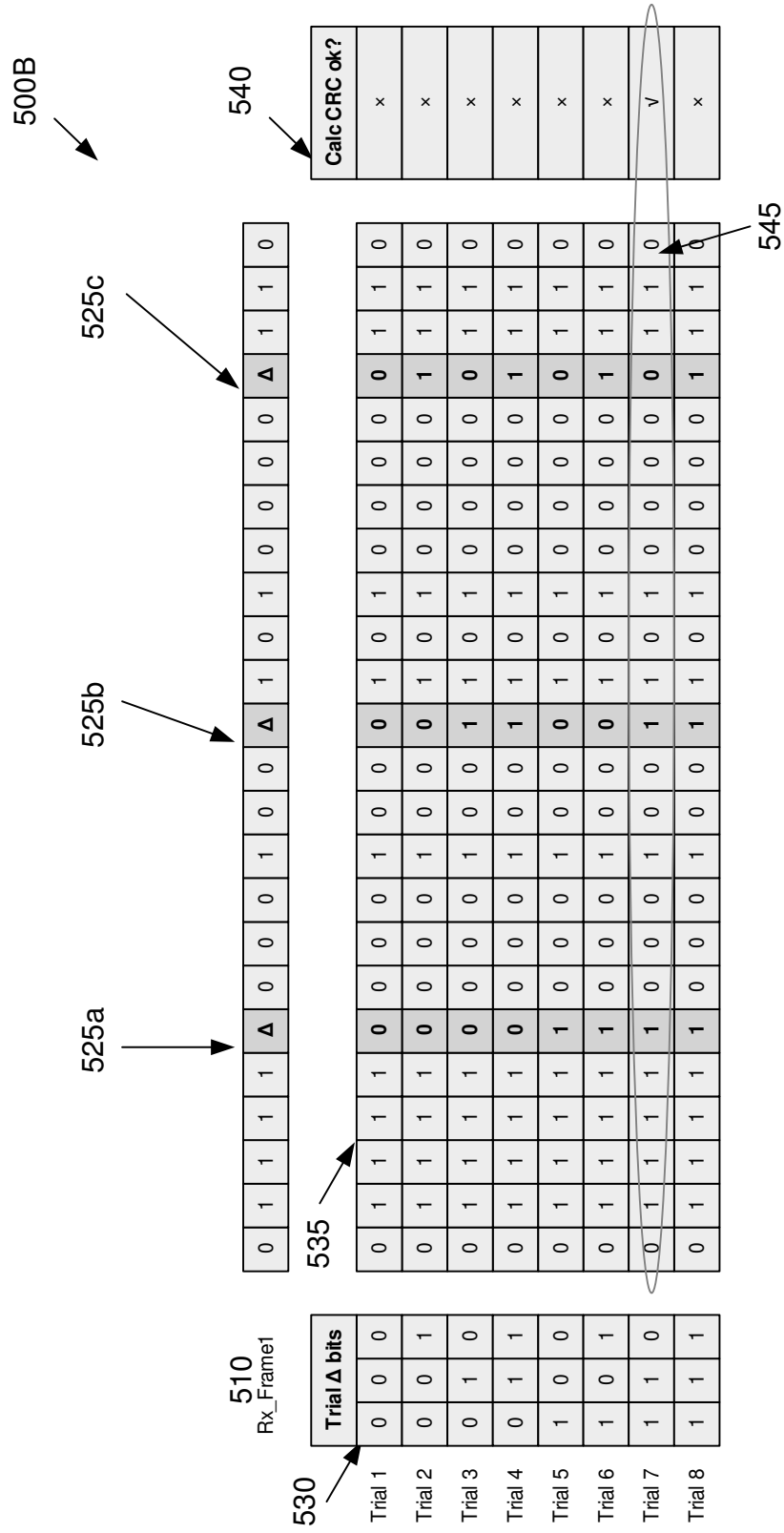


FIGURE 5B

500C



BER	Frame Length						
	64	128	256	512	1024	1518	4000
1.00E-08	5.12E-06	1.02E-05	2.05E-05	4.10E-05	8.19E-05	1.21E-04	3.20E-04
1.00E-07	5.12E-05	1.02E-04	2.05E-04	4.10E-04	8.19E-04	1.21E-03	3.20E-03
1.00E-06	5.12E-04	1.02E-03	2.05E-03	4.10E-03	8.19E-03	1.21E-02	3.20E-02
1.00E-05	5.12E-03	1.02E-02	2.05E-02	4.10E-02	8.19E-02	1.21E-01	3.20E-01
1.00E-04	5.12E-02	1.02E-01	2.05E-01	4.10E-01	8.19E-01	1.21E+00	3.20E+00
1.00E-03	5.12E-01	1.02E+00	2.05E+00	4.10E+00	8.19E+00	1.21E+01	3.20E+01

550



FIGURE 5C

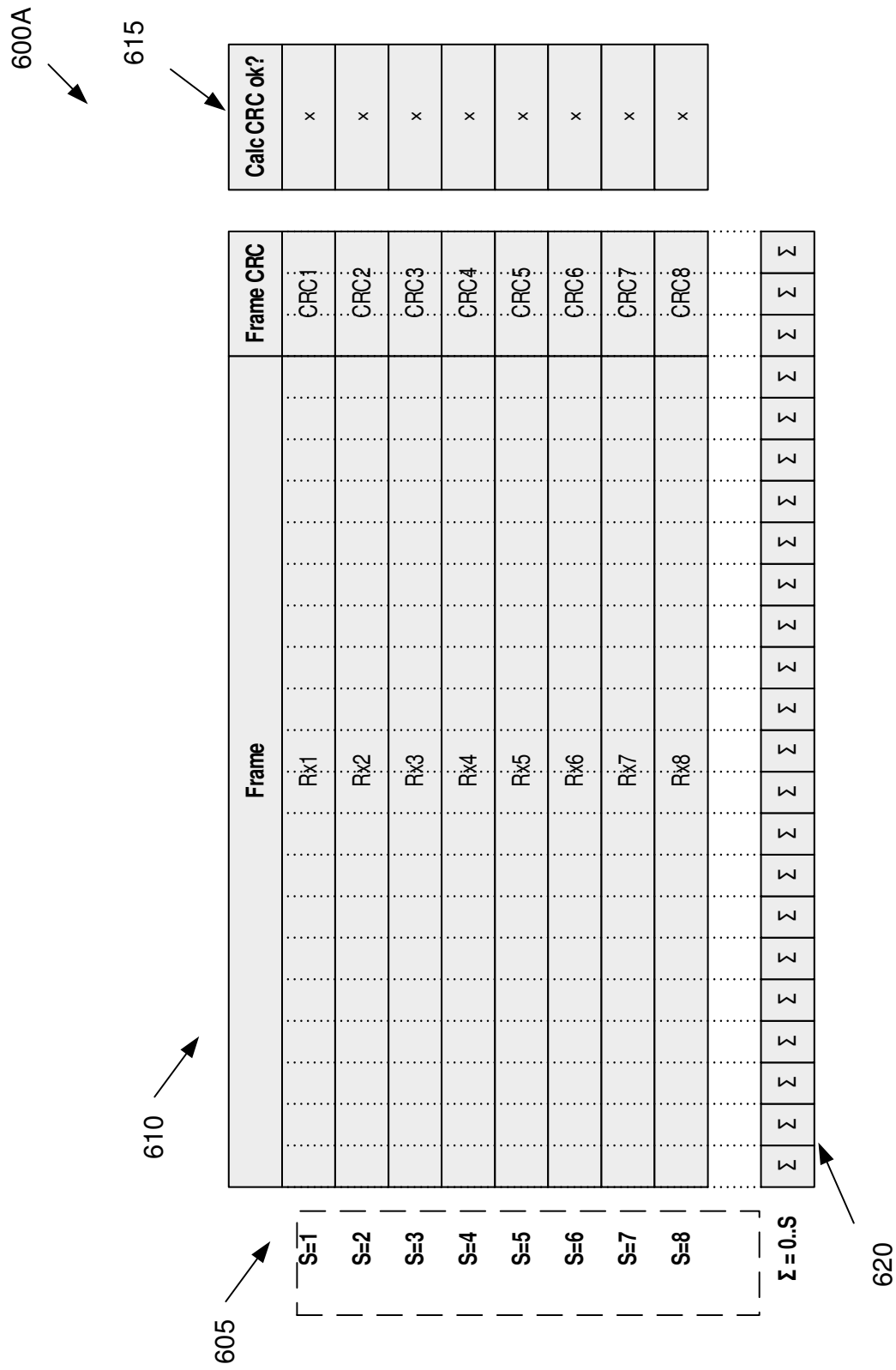


FIGURE 6A

[illegible]

FIGURE 6B

700A

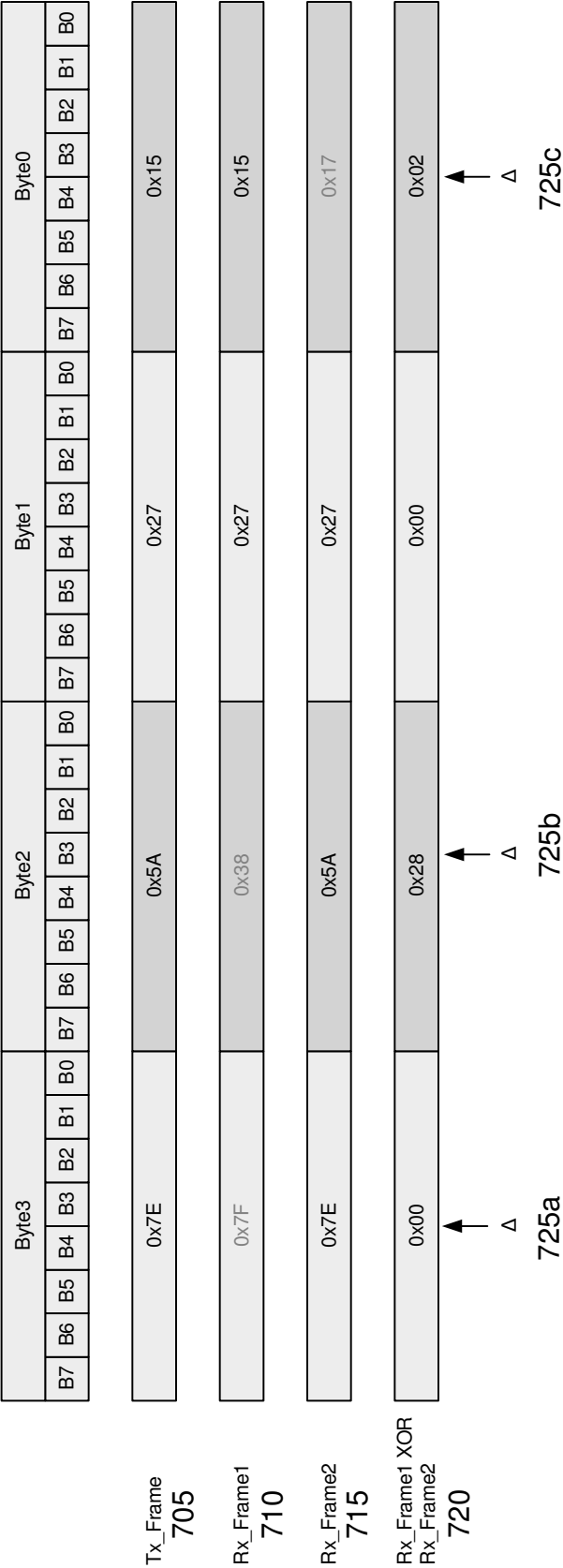


FIGURE 7A

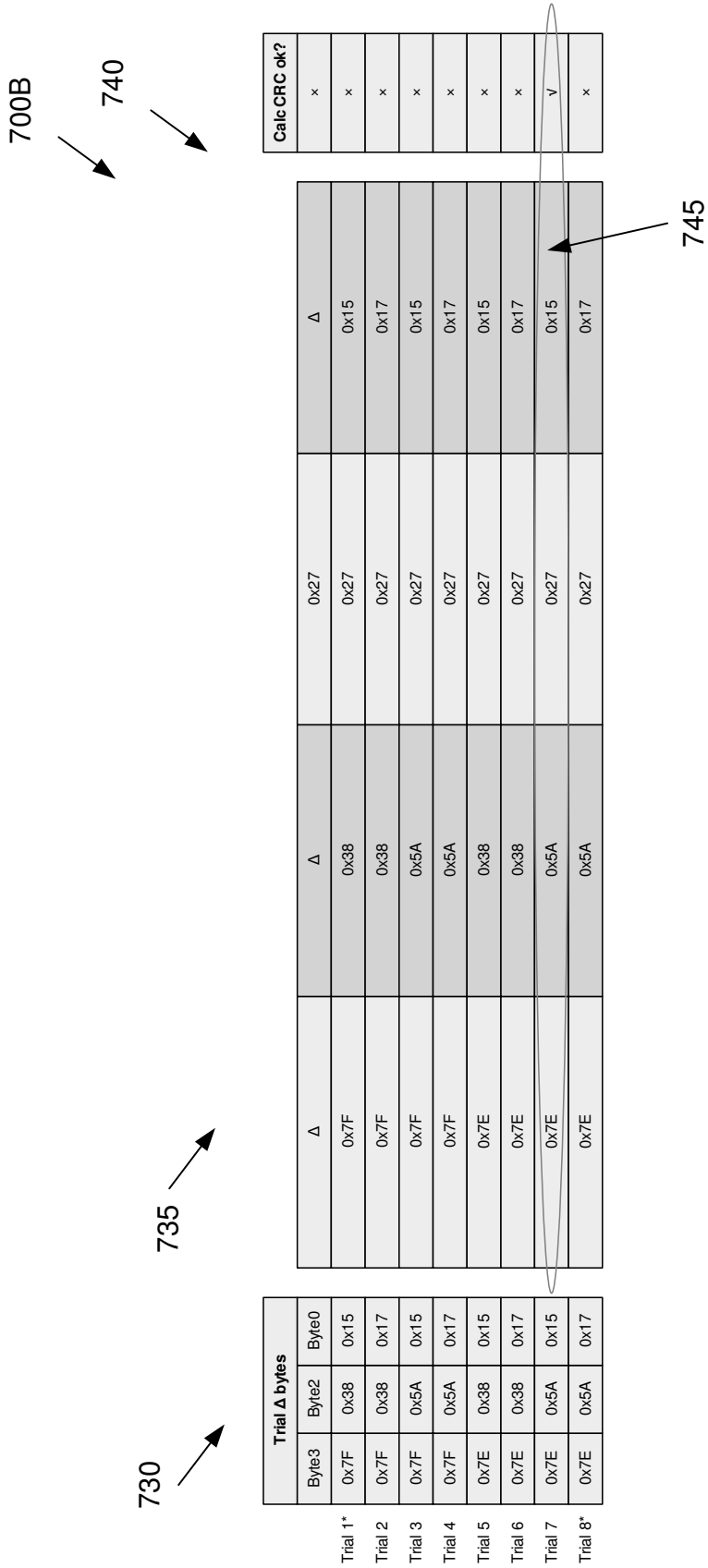


FIGURE 7B

700C

BER	Frame Length							
	64	128	256	512	1024	1518	4000	10000
1.00E-08	5.12E-06	1.02E-05	2.05E-05	4.10E-05	8.19E-05	1.21E-04	3.20E-04	8.00E-04
1.00E-07	5.12E-05	1.02E-04	2.05E-04	4.10E-04	8.19E-04	1.21E-03	3.20E-03	8.00E-03
1.00E-06	5.12E-04	1.02E-03	2.05E-03	4.10E-03	8.19E-03	1.21E-02	3.20E-02	8.00E-02
1.00E-05	5.12E-03	1.02E-02	2.05E-02	4.10E-02	8.19E-02	1.21E-01	3.20E-01	8.00E-01
1.00E-04	5.12E-02	1.02E-01	2.05E-01	4.10E-01	8.19E-01	1.21E+00	3.20E+00	8.00E+00
1.00E-03	5.12E-01	1.02E+00	2.05E+00	4.10E+00	8.19E+00	1.21E+01	3.20E+01	8.00E+01

750

FIGURE 7C

S	R	Brute Force		Max R errors per stream	
		$N = SR = \Delta$	$T = S^N$	$T = \sum_{K=0}^R N C_K$	Ratio
2	1	2	4	3	1.33
2	2	4	16	11	1.45
2	3	6	64	42	1.52
2	4	8	256	163	1.57
2	5	10	1024	638	1.61
2	6	12	4096	2510	1.63
2	7	14	16384	9908	1.65
2	8	16	65536	39203	1.67
2	9	18	262144	155382	1.69
2	10	20	1048576	616666	1.70
2	11	22	4194304	2449868	1.71
2	12	24	16777216	9740686	1.72
2	13	26	67108864	38754732	1.73
2	14	28	268435456	154276028	1.74
2	15	30	1073741824	614429672	1.75
2	16	32	4294967296	2448023843	1.75
2	17	34	17179869184	9756737702	1.76
2	18	36	68719476736	38897306018	1.77

FIGURE 8

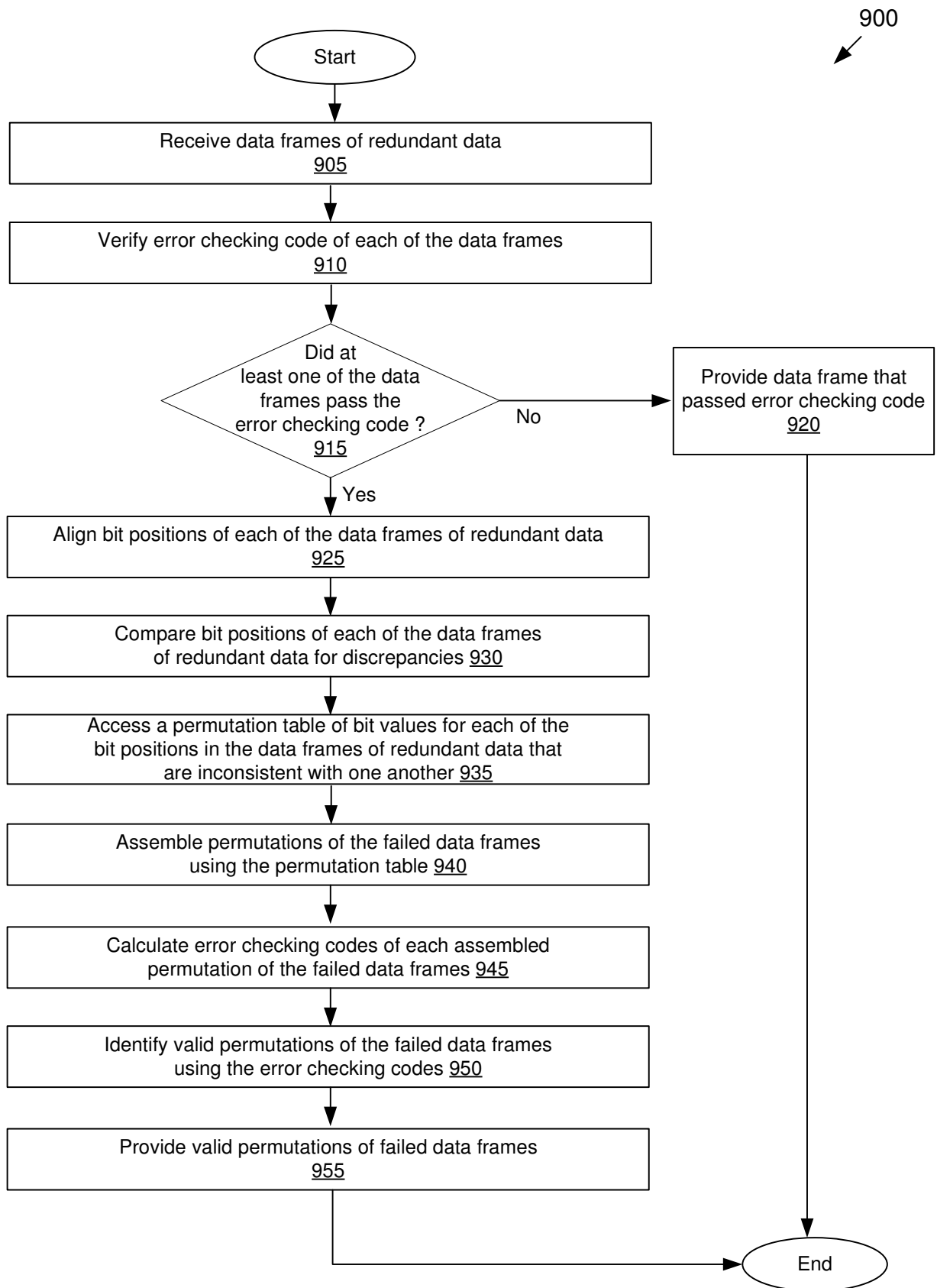


FIGURE 9

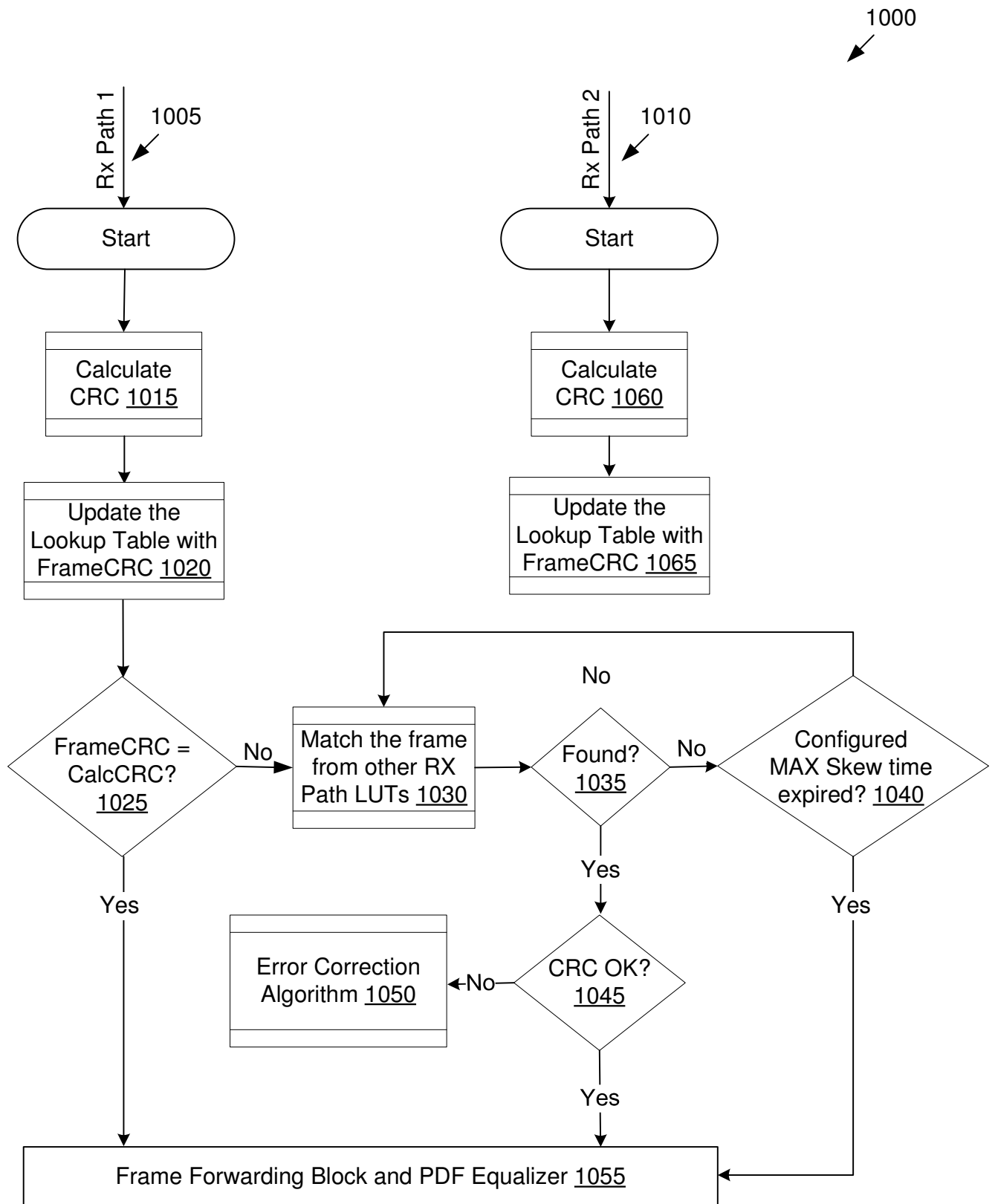
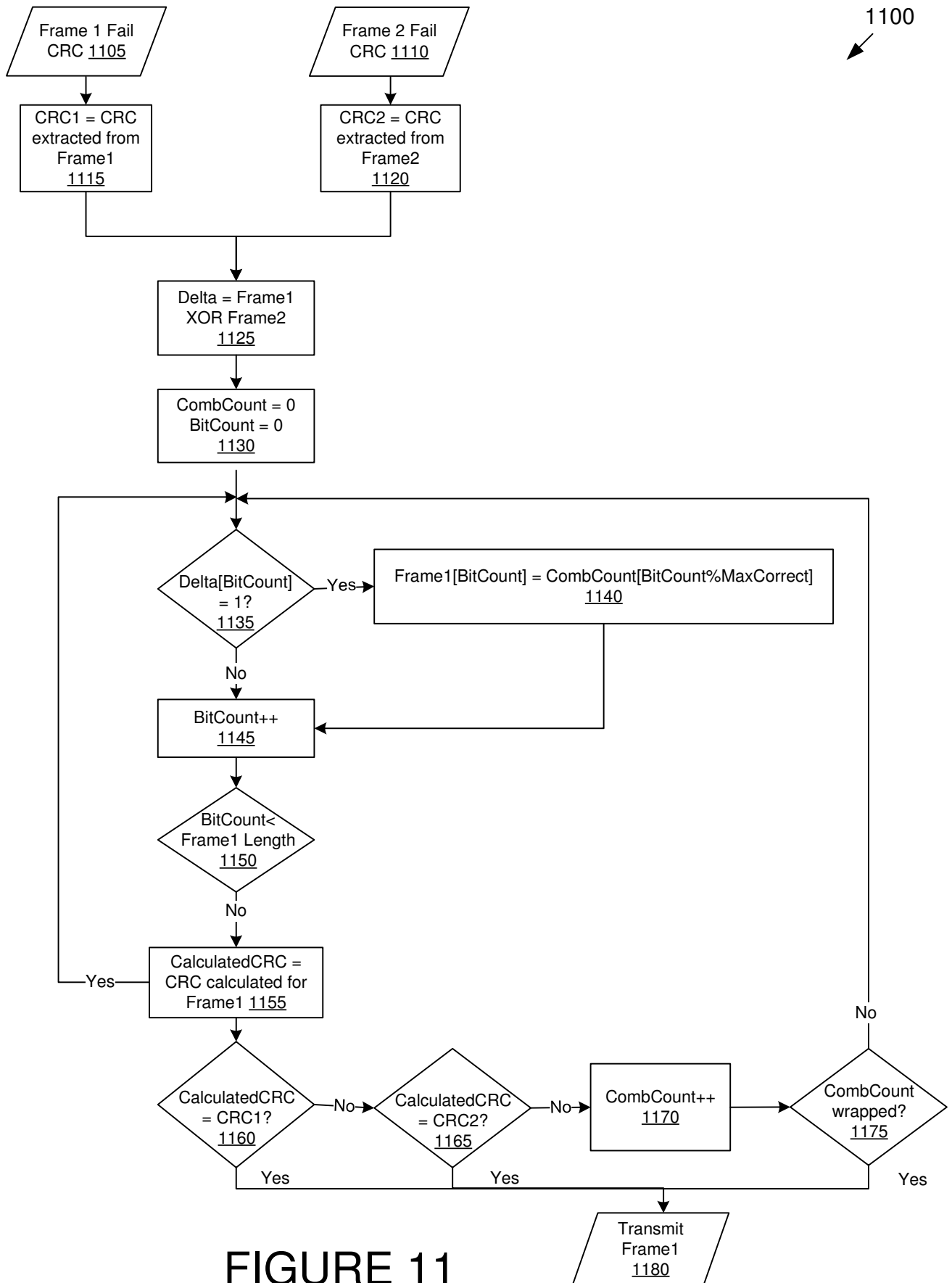
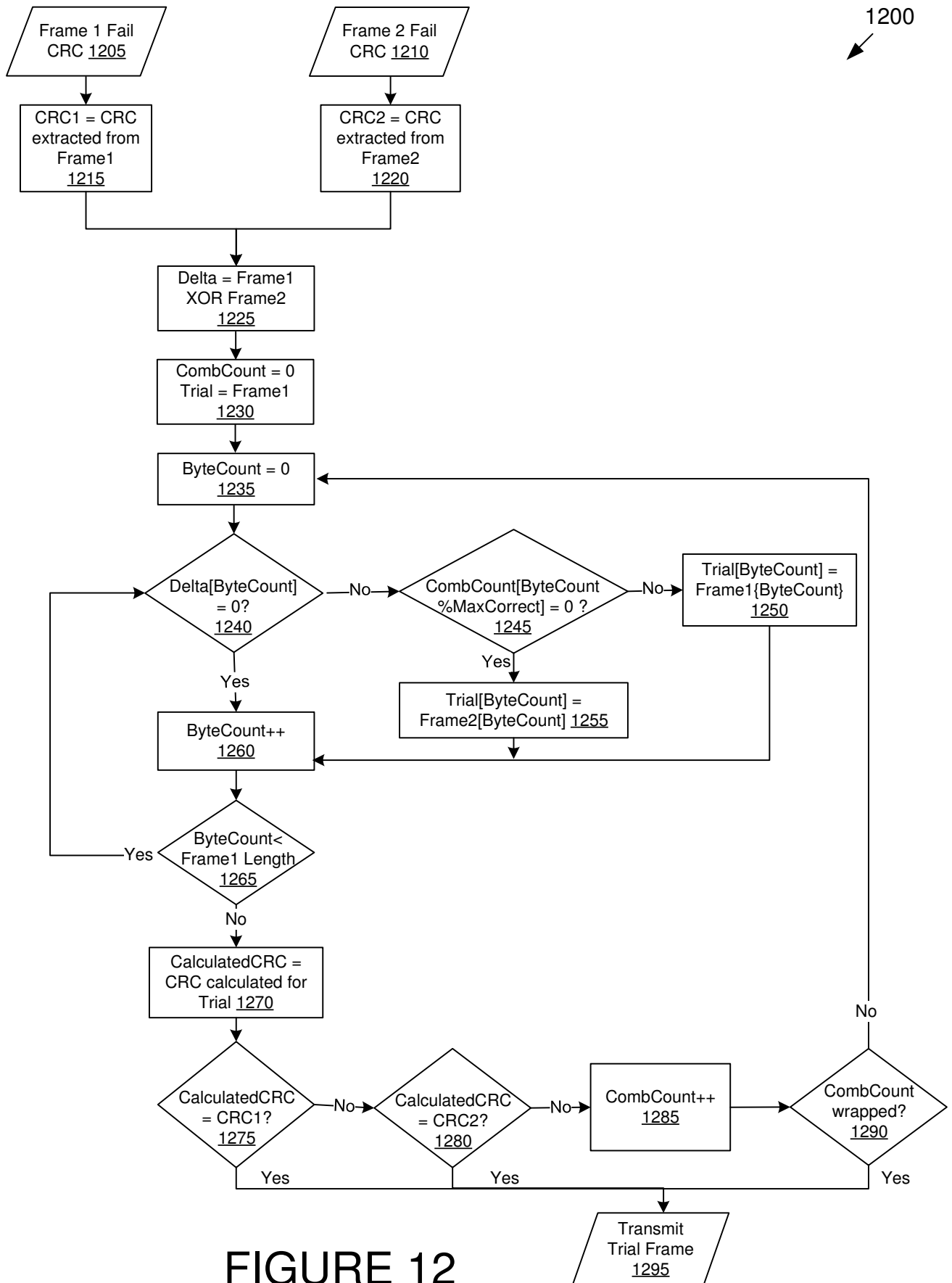


FIGURE 10





1300

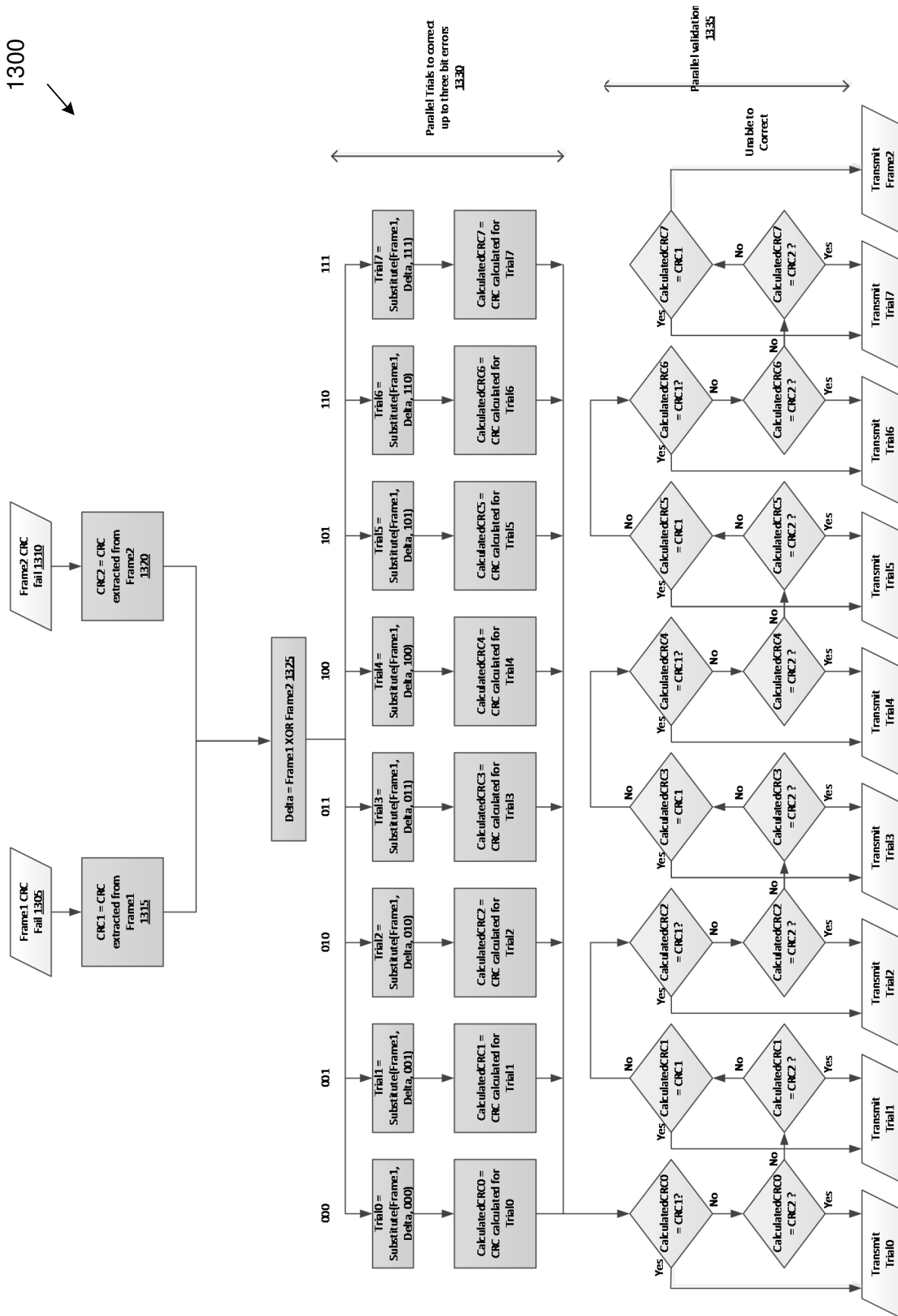


FIGURE 13

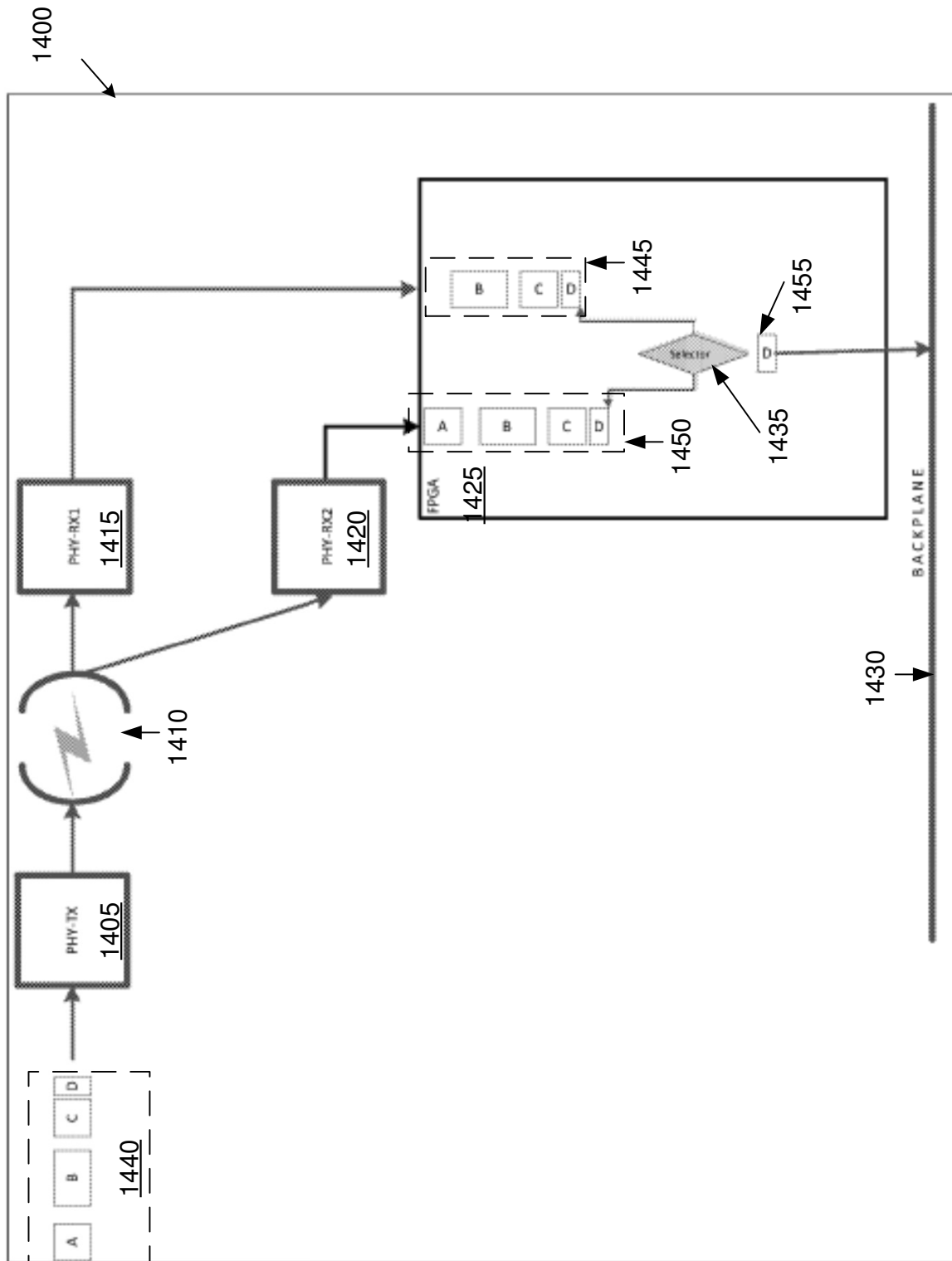


FIGURE 14