

Rate	Modulation	Coding rate	Legacy Rate
Legacy_ag	BPSK	$\frac{1}{2}$	6
Legacy_ag	BPSK	$\frac{3}{4}$	9
Legacy_ag	QPSK	$\frac{1}{2}$	12
Legacy_ag	QPSK	$\frac{3}{4}$	18
Legacy_ag	16-QAM	$\frac{1}{2}$	24
Legacy_ag	16-QAM	$\frac{3}{4}$	36
Legacy_ag	64-QAM	$\frac{2}{3}$	48
Legacy_ag	64-QAM	$\frac{3}{4}$	54

MCS index	Number of spatial streams	Modulation	Coding rate	GI = 800ns		GI = 400ns	
				Rate in	Rate in	Rate in	Rate in
				20MHz	40MHz	20MHz	40MHz
0	1	BPSK	$\frac{1}{2}$	6.5	13.5	7 2/9	15
1	1	QPSK	$\frac{1}{2}$	13	27	14 4/9	30
2	1	QPSK	$\frac{3}{4}$	19.5	40.5	21 2/3	45
3	1	16-QAM	$\frac{1}{2}$	26	54	28 8/9	60
4	1	16-QAM	$\frac{3}{4}$	39	81	43 1/3	90
5	1	64-QAM	$\frac{2}{3}$	52	108	57 7/9	120
6	1	64-QAM	$\frac{3}{4}$	58.5	121.5	65	135
7	1	64-QAM	5/6	65	135	72 2/9	150
8	2	BPSK	$\frac{1}{2}$	13	27	14 4/9	30
9	2	QPSK	$\frac{1}{2}$	26	54	28 8/9	60
10	2	QPSK	$\frac{3}{4}$	39	81	43 1/3	90
11	2	16-QAM	$\frac{1}{2}$	52	108	57 7/9	120
12	2	16-QAM	$\frac{3}{4}$	78	162	86 2/3	180
13	2	64-QAM	$\frac{2}{3}$	104	216	115 5/9	240
14	2	64-QAM	$\frac{3}{4}$	117	243	130	270
15	2	64-QAM	5/6	130	270	144 4/9	300

2.4 GHz 20 MHz BW	
Frequency	Channel
2412	1
2417	2
2422	3
2427	4
2432	5
2437	6
2442	7
2447	8
2452	9
2457	10
2462	11

2.4 GHz 40 MHz BW	
Frequency	Channel
2422	1-5
2427	2-6
2432	3-7
2437	4-8
2442	5-9
2447	6-10
2452	7-11

5 GHz 20 MHz BW	
Frequency	Channel
5180	36
5200	40
5220	44
5240	48
5260	52
5280	56
5300	60
5320	64

5 GHz 40 MHz BW	
Frequency	Channel
5190	36-40
5230	44-48
5270	52-56
5310	60-64