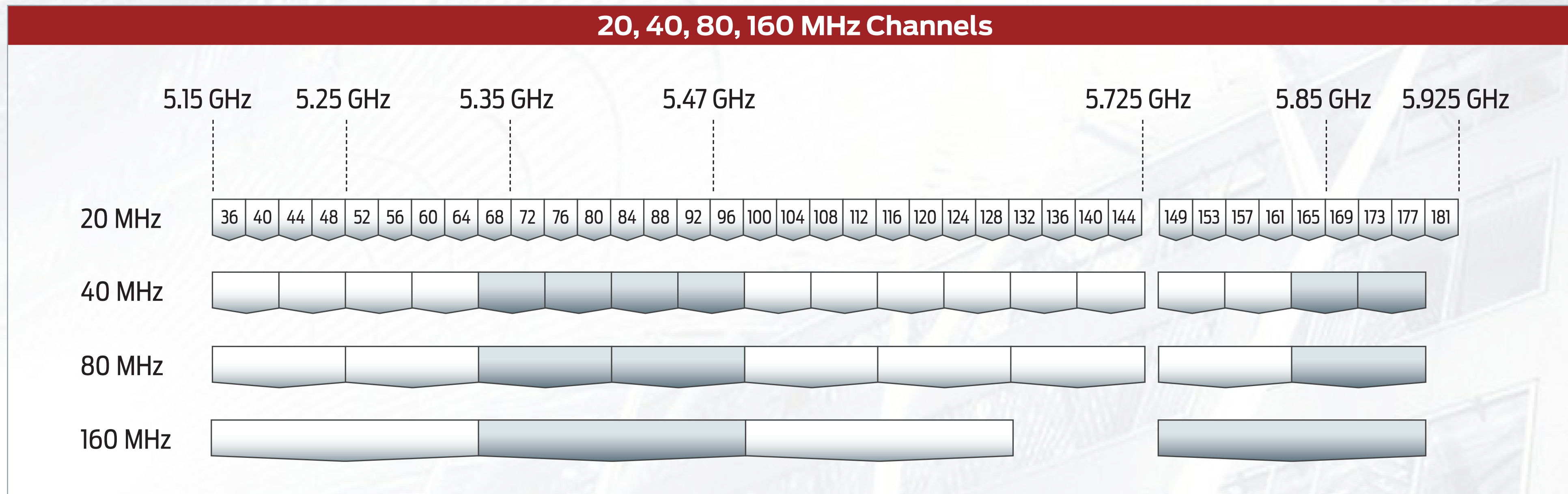
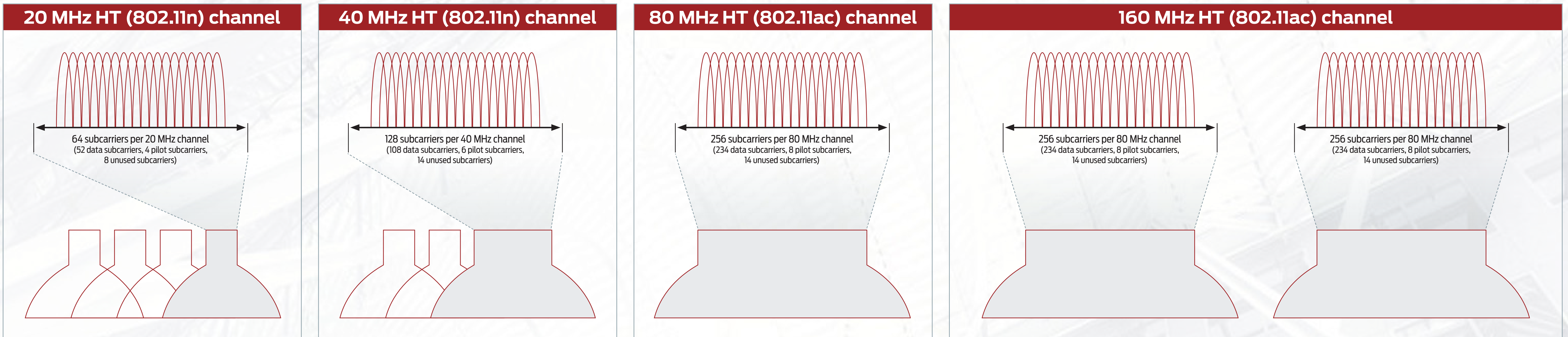




VHT MCS, Modulation and Code Rate		
VHT MCS Value	Modulation	Code Rate
0	BPSK	1/2
1	QPSK	1/2
2	QPSK	3/4
3	16-QAM	1/2
4	16-QAM	3/4
5	64-QAM	2/3
6	64-QAM	3/4
7	64-QAM	5/6
8	256-QAM	3/4
9	256-QAM	5/6

802.11ac Data Rates (Mbps, Short Guard Interval)

SS: Spatial Stream

MCS	20 MHz Bandwidth							
	1 SS	2 SS	3 SS	4 SS	5 SS	6 SS	7 SS	8 SS
0	7.2	14.4	21.6	28.8	36	43.2	50.4	57.6
1	14.4	28.8	43.2	57.6	72	86.4	100.8	115.2
2	21.7	43.4	65.1	86.8	108.5	130.2	151.9	173.6
3	28.9	57.8	86.7	115.6	144.5	173.4	202.3	231.2
4	43.3	86.6	129.9	173.2	216.5	259.8	303.1	346.4
5	57.8	115.6	173.4	231.2	289	346.8	404.6	462.4
6	65	130	195	260	325	390	455	520
7	72.2	144.4	216.6	288.8	361	433.2	505.4	577.6
8	86.7	173.4	260.1	346.8	433.5	520.2	606.9	693.6
9								

MCS	40 MHz Bandwidth							
	1 SS	2 SS	3 SS	4 SS	5 SS	6 SS	7 SS	8 SS
0	15.1	30.2	45.4	60.5	75.6	90.7	105.8	121.0
1	30.2	60.5	90.7	121.0	151.2	181.4	211.7	241.9
2	45.6	91.1	136.7	182.3	227.9	273.4	319.0	364.6
3	60.7	121.4	182.1	242.8	303.5	364.1	424.8	485.5
4	90.9	181.9	272.8	363.7	454.7	545.6	636.5	727.4
5	121.4	242.8	364.1	485.5	606.9	728.3	849.7	971.0
6	136.5	273.0	409.5	546.0	682.5	819.0	955.5	1092.0
7	151.6	303.2	454.9	606.5	758.1	909.7	1061.3	1213.0
8	182.1	364.1	546.2	728.3	910.4	1092.4	1274.5	1456.6
9	202.2	404.5	606.7	808.9	1011.2	1213.4	1415.6	1617.8

MCS	80 MHz Bandwidth							
	1 SS	2 SS	3 SS	4 SS	5 SS	6 SS	7 SS	8 SS
0	32.4	64.8	97.2	129.6	162.0	194.4	226.8	259.2
1	64.8	129.6	194.4	259.2	324.0	388.8	453.6	518.4
2	97.7	195.3	293.0	390.6	488.3	585.9	683.6	781.2
3	130.1	260.1	390.2	520.2	650.3	780.3	910.4	1040.4
4	194.9	389.7	584.6	779.4	974.3	1169.1	1364.0	1558.8
5	260.1	520.2	780.3	1040.4	1300.5	1560.6	1820.7	2080.8
6	292.5	585.0	877.5	1170.0	1462.5	1755.0	2047.5	2340.0
7	324.9	649.8	974.7	1299.6	1624.5	1949.4	2274.3	2599.2
8	390.2	780.3	1170.5	1560.6	1950.8	2340.9	2731.1	3121.2
9	433.4	866.7	1300.1	1733.4	2166.8	2600.1	3033.5	3466.8

MCS	160 MHz Bandwidth							
	1 SS	2 SS	3 SS	4 SS	5 SS	6 SS	7 SS	8 SS
0	64.8	129.6	194.4	259.2	324	388.8	453.6	518.4
1	129.6	259.2	388.8	518.4	648	777.6	907.2	1036.8
2	195.3	390.6	585.9	781.2	976.5	1171.8	1367.1	1562.4
3	260.1	520.2	780.3	1040.4	1300.5	1560.6	1820.7	2080.8
4	389.7	779.4	1169.1	1558.8	1948.5	2338.2	2727.9	3117.6
5	520.2	1040.4	1560.6	2080.8	2601	3121.2	3641.4	4161.6
6	585	1170	1755	2340	2925	3510	4095	4680
7	649.8	1299.6	1949.4	2599.2	3249	3898.8	4548.6	5198.4
8	780.3	1560.6	2340.9	3121.2	3901.5	4681.8	5462.1	6242.4
9	866.7	1733.4	2600.1	3466.8	4333.5	5200.2	6066.9	6933.6