

Band 2

BW [MHz]	Modulation	RB Size	RB Offset	Index	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					18700	18800	19100	24.00	0
Frequency (MHz)					L	M	H		
20	QPSK	1	0	0	0	15	23.02	23.14	
20	QPSK	1	5	0	0	15	23.01	23.12	
20	QPSK	3	0	0	0	15	23.09	23.12	
20	QPSK	3	3	0	0	15	23.08	23.11	
20	QPSK	6	0	0	0	15	23.08	23.11	
20	16QAM	1	0	0	0	15	22.77	22.81	
20	16QAM	1	5	0	0	15	22.84	22.75	
20	16QAM	3	0	0	0	15	22.80	22.90	
20	16QAM	3	3	0	0	15	22.98	22.94	
20	16QAM	5	0	0	0	15	22.99	23.03	
Channel					18675	18800	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					L	M	H	24.00	0
15	QPSK	1	0	0	0	11	22.91	23.03	
15	QPSK	1	5	0	0	11	22.97	22.92	
15	QPSK	3	0	0	0	11	22.91	23.06	
15	QPSK	3	3	0	0	11	22.97	22.90	
15	QPSK	6	0	0	0	11	23.12	23.03	
15	16QAM	1	0	0	0	11	22.75	22.78	
15	16QAM	1	5	0	0	11	22.70	22.74	
15	16QAM	3	0	0	0	11	23.02	22.70	
15	16QAM	3	3	0	0	11	22.76	22.99	
15	16QAM	5	0	0	0	11	22.98	23.04	
Channel					18650	18800	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					L	M	H	24.00	0
10	QPSK	1	0	0	0	7	22.75	22.77	
10	QPSK	1	5	0	0	7	22.57	22.73	
10	QPSK	3	0	0	0	7	22.79	22.86	
10	QPSK	3	3	0	0	7	22.71	22.96	
10	16QAM	1	0	0	0	7	22.61	22.64	
10	16QAM	1	5	0	0	7	22.59	22.40	
10	16QAM	3	0	0	0	7	22.76	22.51	
10	16QAM	3	3	0	0	7	22.55	22.64	
10	16QAM	5	0	0	0	7	22.59	22.67	
Channel					18625	18800	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					L	M	H	24.00	0
5	QPSK	1	0	0	0	3	22.80	22.76	
5	QPSK	1	5	0	0	3	22.65	22.68	
5	QPSK	3	0	0	0	3	22.65	22.87	
5	QPSK	3	3	0	0	3	22.89	22.86	
5	QPSK	6	0	0	0	3	22.80	22.80	
5	16QAM	1	0	0	0	3	22.60	22.67	
5	16QAM	1	5	0	0	3	22.39	22.57	
5	16QAM	3	0	0	0	3	22.61	22.73	
5	16QAM	3	3	0	0	3	22.65	22.53	
5	16QAM	5	0	0	0	3	22.80	22.76	
Channel					18615	18800	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					L	M	H	24.00	0
3	QPSK	1	0	0	0	1	22.37	22.31	
3	QPSK	1	5	0	0	1	22.30	22.40	
3	QPSK	3	0	0	0	1	22.43	22.58	
3	QPSK	3	3	0	0	1	22.48	22.61	
3	QPSK	6	0	0	0	1	22.50	22.52	
3	16QAM	1	0	0	0	1	22.37	22.18	
3	16QAM	1	5	0	0	1	22.17	22.30	
3	16QAM	3	0	0	0	1	22.21	22.32	
3	16QAM	3	3	0	0	1	22.28	22.19	
3	16QAM	5	0	0	0	1	22.35	22.40	
Channel					18607	18800	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					L	M	H	24.00	0
1.4	QPSK	1	0	0	0	0	22.35	22.32	
1.4	QPSK	1	5	0	0	0	22.30	22.45	
1.4	QPSK	3	0	0	0	0	22.33	22.60	
1.4	QPSK	3	3	0	0	0	22.62	22.40	
1.4	QPSK	6	0	0	0	0	22.43	22.53	
1.4	16QAM	1	0	0	0	0	22.40	22.36	
1.4	16QAM	1	5	0	0	0	22.28	22.31	
1.4	16QAM	3	0	0	0	0	22.41	22.49	
1.4	16QAM	3	3	0	0	0	22.33	22.20	
1.4	16QAM	5	0	0	0	0	22.48	22.53	

Band 4

BW [MHz]	Modulation	RB Size	RB Offset	Index	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel					20050	20175	20300	24.00	0	
Frequency (MHz)					L	M	H			
20	QPSK	1	0	0	15	1723	1732.5			1745
20	QPSK	1	0	0	15	22.94	22.95			22.86
20	QPSK	1	5	0	15	22.77	22.98			22.99
20	QPSK	3	0	0	15	22.71	22.96			22.73
20	QPSK	3	3	0	15	22.80	22.99			22.91
20	QPSK	6	0	0	15	22.93	22.97			22.81
20	16QAM	1	0	0	15	22.74	22.84			22.67
20	16QAM	1	5	0	15	22.69	22.84			22.86
20	16QAM	3	0	0	15	22.70	22.88			22.87
20	16QAM	3	3	0	15	22.90	22.87			22.82
20	16QAM	5	0	0	15	22.91	22.96	22.76		
Channel					20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)					L	M	H	24.00	0	
15	QPSK	1	0	0	11	1715	1732.5			1750
15	QPSK	1	5	0	11	22.87	22.81			22.74
15	QPSK	3	0	0	11	22.80	22.77			22.90
15	QPSK	3	3	0	11	22.81	22.82			22.80
15	QPSK	6	0	0	11	22.83	22.93			22.81
15	16QAM	1	0	0	11	22.76	22.76			22.76
15	16QAM	1	5	0	11	22.62	22.77			22.85
15	16QAM	3	0	0	11	22.80	22.93			22.85
15	16QAM	3	3	0	11	22.74	22.83			22.78
15	16QAM	5	0	0	11	22.92	22.96			22.88
Channel					20000	20175	20350			Tune-up limit (dBm)
Frequency (MHz)					L	M	H	24.00	0	
10	QPSK	1	0	0	7	1715	1732.5			1750
10	QPSK	1	5	0	7	22.57	22.86			22.83
10	QPSK	3	0	0	7	22.66	22.76			22.61
10	QPSK	3	3	0	7	22.71	22.77			22.83
10	QPSK	6	0	0	7	22.88	22.74			22.71
10	16QAM	1	0	0	7	22.58	22.51			22.50
10	16QAM	1	5	0	7	22.56	22.80			22.87
10	16QAM	3	0	0	7	22.55	22.86			22.87
10	16QAM	3	3	0	7	22.81	22.72			22.85
10	16QAM	5	0	0	7	22.89	22.71			22.68
Channel					19975	20175	20375			Tune-up limit (dBm)
Frequency (MHz)					L	M	H	24.00	0	
5	QPSK	1	0	0	3	1712.5	1732.5			1752.5
5	QPSK	1	0	0	3	22.85	22.72			22.53
5	QPSK	1	5	0	3	22.59	22.84			22.73
5	QPSK	3	0	0	3	22.39	22.71			22.46
5	QPSK	3	3	0	3	22.70	22.81			22.76
5	QPSK	6	0	0	3	22.69	22.75			22.61
5	16QAM	1	0	0	3	22.45	22.65			22.40
5	16QAM	1	5	0	3	22.38	22.59			22.51
5	16QAM	3	0	0	3	22.51	22.68			22.81
5	16QAM	3	3	0	3	22.55	22.61			22.57
5	16QAM	5	0	0	3	22.67	22.61			22.57
Channel					19965	20175	20385	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)					L	M	H	24.00	0	
3	QPSK	1	0	0	1	1711.5	1732.5			1753.5
3	QPSK	1	0	0	1	22.42	22.44			22.58
3	QPSK	1	5	0	1	22.36	22.64			22.75
3	QPSK	3	0	0	1	22.46	22.41			22.32
3	QPSK	3	3	0	1	22.48	22.55			22.28
3	QPSK	6	0	0	1	22.64	22.47			22.46
3	16QAM	1	0	0	1	22.25	22.08			22.13
3	16QAM	1	5	0	1	22.11	22.49			22.53
3	16QAM	3	0	0	1	22.33	22.42			22.44
3	16QAM	3	3	0	1	22.61	22.48			22.59
3	16QAM	5	0	0	1	22.57	22.50			22.37
Channel					19957	20175	20393	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)					L	M	H	24.00	0	
1.4	QPSK	1	0	0	0	22.54	22.37			22.99
1.4	QPSK	1	5	0	0	22.12	22.42			22.65
1.4	QPSK	3	0	0	0	22.30	22.34			22.32
1.4	QPSK	3	3	0	0	22.35	22.44			22.54
1.4	QPSK	6	0	0	0	22.55	22.50			22.50
1.4	16QAM	1	0	0	0	22.38	22.10			22.29
1.4	16QAM	1	5	0	0	22.18	22.54			22.64
1.4	16QAM	3	0	0	0	22.42	22.42			22.41
1.4	16QAM	3	3	0	0	22.54	22.29			22.59
1.4	16QAM	5	0	0	0	22.61	22.46			22.24

2.4GHz WLAN				WIFI Ant		
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11b 1Mbps	1	2412	13.07	14.00	98.59
		6	2437	10.90	12.50	
		11	2462	11.43	12.50	
	802.11g 6Mbps	1	2412	12.99	14.00	91.89
		6	2437	10.87	12.00	
		11	2462	10.68	12.00	
	802.11n-HT20 MCS0	1	2412	11.05	12.00	91.82
		6	2437	10.79	12.00	
		11	2462	8.93	10.00	

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit
LE	CH 00	2402	13.54	14.00
	CH 19	2440	10.60	12.00
	CH 37	2476	11.66	12.00
	CH 38	2478	11.23	12.00