

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	23.98
20	QPSK	1	5	0	0	15	23.01	23.12	23.98
20	QPSK	3	0	0	0	15	23.09	23.12	23.08
20	QPSK	3	3	0	0	15	23.08	23.11	23.05
20	QPSK	6	0	0	0	15	23.08	23.11	23.05
20	16QAM	1	0	0	0	15	22.77	22.81	22.88
20	16QAM	1	5	0	0	15	22.84	22.75	22.88
20	16QAM	3	0	0	0	15	22.88	22.96	22.87
20	16QAM	3	3	0	0	15	22.98	22.94	22.85
20	16QAM	5	0	0	0	15	22.99	23.03	22.96
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	22.99
15	QPSK	1	5	0	0	11	22.97	22.92	22.99
15	QPSK	3	0	0	0	11	22.91	22.96	22.91
15	QPSK	3	3	0	0	11	22.97	22.96	22.81
15	QPSK	6	0	0	0	11	23.12	23.03	22.84
15	16QAM	1	0	0	0	11	22.75	22.78	22.86
15	16QAM	1	5	0	0	11	22.70	22.74	22.75
15	16QAM	3	0	0	0	11	23.02	22.70	22.85
15	16QAM	3	3	0	0	11	22.76	22.99	22.71
15	16QAM	5	0	0	0	11	22.98	22.94	22.72
Channel					18850	18900	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	22.65
10	QPSK	1	5	0	0	7	22.57	22.73	22.74
10	QPSK	3	0	0	0	7	22.79	22.86	22.90
10	QPSK	3	3	0	0	7	22.71	22.96	22.79
10	16QAM	1	0	0	0	7	22.61	22.64	22.65
10	16QAM	1	5	0	0	7	22.59	22.40	22.53
10	16QAM	3	0	0	0	7	22.76	22.51	22.57
10	16QAM	3	3	0	0	7	22.55	22.64	22.64
10	16QAM	5	0	0	0	7	22.59	22.67	22.52
Channel					18825	18900	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	22.95
5	QPSK	1	5	0	0	3	22.65	22.68	22.73
5	QPSK	3	0	0	0	3	22.65	22.87	22.67
5	QPSK	3	3	0	0	3	22.89	22.86	22.66
5	QPSK	6	0	0	0	3	22.80	22.80	22.70
5	16QAM	1	0	0	0	3	22.60	22.67	22.71
5	16QAM	1	5	0	0	3	22.39	22.67	22.46
5	16QAM	3	0	0	0	3	22.61	22.73	22.70
5	16QAM	3	3	0	0	3	22.65	22.53	22.58
5	16QAM	5	0	0	0	3	22.80	22.76	22.74
Channel					18815	18900	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	22.33
3	QPSK	1	5	0	0	1	22.30	22.40	22.47
3	QPSK	3	0	0	0	1	22.43	22.58	22.24
3	QPSK	3	3	0	0	1	22.48	22.61	22.21
3	QPSK	6	0	0	0	1	22.50	22.52	22.46
3	16QAM	1	0	0	0	1	22.37	22.18	22.50
3	16QAM	1	5	0	0	1	22.17	22.30	22.05
3	16QAM	3	0	0	0	1	22.21	22.32	22.22
3	16QAM	3	3	0	0	1	22.28	22.19	22.26
3	16QAM	5	0	0	0	1	22.35	22.46	22.41
Channel					18907	18900	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	22.11
1.4	QPSK	1	5	0	0	0	22.30	22.45	22.32
1.4	QPSK	3	0	0	0	0	22.23	22.60	22.43
1.4	QPSK	3	3	0	0	0	22.62	22.40	22.37
1.4	QPSK	6	0	0	0	0	22.43	22.53	22.48
1.4	16QAM	1	0	0	0	0	22.40	22.36	22.32
1.4	16QAM	1	5	0	0	0	22.28	22.31	22.13
1.4	16QAM	3	0	0	0	0	22.41	22.49	22.45
1.4	16QAM	3	3	0	0	0	22.33	22.20	22.20
1.4	16QAM	5	0	0	0	0	22.48	22.53	22.46

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	0	15	22.94	22.95	22.85
20	QPSK	1	5	0	0	15	22.77	22.98	22.99
20	QPSK	3	0	0	0	15	22.71	22.96	22.73
20	QPSK	3	3	0	0	15	22.80	22.99	22.91
20	QPSK	6	0	0	0	15	22.93	22.97	22.81
20	16QAM	1	0	0	0	15	22.74	22.94	22.67
20	16QAM	1	5	0	0	15	22.69	22.84	22.86
20	16QAM	3	0	0	0	15	22.70	22.96	22.87
20	16QAM	3	3	0	0	15	22.90	22.87	22.82
20	16QAM	5	0	0	0	15	22.91	22.96	22.78
Channel					20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					L	M	H	24.00	0
15	QPSK	1	0	0	0	11	22.96	22.93	22.81
15	QPSK	1	5	0	0	11	22.87	22.81	22.74
15	QPSK	3	0	0	0	11	22.86	22.77	22.80
15	QPSK	3	3	0	0	11	22.81	22.82	22.80
15	QPSK	6	0	0	0	11	22.83	22.93	22.75
15	16QAM	1	0	0	0	11	22.76	22.76	22.63
15	16QAM	1	5	0	0	11	22.62	22.77	22.81
15	16QAM	3	0	0	0	11	22.80	22.93	22.78
15	16QAM	3	3	0	0	11	22.74	22.83	22.85
15	16QAM	5	0	0	0	11	22.96	22.98	22.89
Channel					17115	1732.5	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					L	M	H	24.00	0
10	QPSK	1	0	0	0	7	22.78	22.71	22.83
10	QPSK	1	5	0	0	7	22.57	22.86	22.96
10	QPSK	3	0	0	0	7	22.66	22.76	22.61
10	QPSK	3	3	0	0	7	22.71	22.77	22.63
10	QPSK	6	0	0	0	7	22.88	22.74	22.71
10	16QAM	1	0	0	0	7	22.58	22.51	22.50
10	16QAM	1	5	0	0	7	22.56	22.80	22.87
10	16QAM	3	0	0	0	7	22.55	22.85	22.81
10	16QAM	3	3	0	0	7	22.81	22.72	22.85
10	16QAM	5	0	0	0	7	22.89	22.71	22.88
Channel					15975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					L	M	H	24.00	0
5	QPSK	1	0	0	0	3	22.85	22.72	22.93
5	QPSK	1	5	0	0	3	22.59	22.84	22.73
5	QPSK	3	0	0	0	3	22.39	22.71	22.49
5	QPSK	3	3	0	0	3	22.70	22.81	22.76
5	QPSK	6	0	0	0	3	22.69	22.75	22.61
5	16QAM	1	0	0	0	3	22.48	22.65	22.40
5	16QAM	1	5	0	0	3	22.38	22.59	22.45
5	16QAM	3	0	0	0	3	22.51	22.68	22.81
5	16QAM	3	3	0	0	3	22.55	22.61	22.71
5	16QAM	5	0	0	0	3	22.67	22.61	22.71
Channel					19605	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					L	M	H	24.00	0
3	QPSK	1	0	0	0	1	22.42	22.44	22.59
3	QPSK	1	5	0	0	1	22.36	22.64	22.75

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