



REPORT No.: SZ24020115S01

Annex B Conducted Power

Note:

Conducted power unit: dBm

The target power was recorded in the manufacture document.

Band 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.92	20.87	21.12	22.00	
20	QPSK	1	5	20.68	20.64	20.79		
20	QPSK	3	0	21.03	21.00	20.90		
20	QPSK	3	3	20.90	20.87	20.87		
20	QPSK	6	0	20.87	20.90	20.81		
20	16QAM	1	0	20.99	21.03	21.20		
20	16QAM	1	5	20.87	20.77	21.00		
20	16QAM	3	0	20.97	20.95	20.90		
20	16QAM	3	3	20.69	20.80	20.65		
20	16QAM	5	0	20.76	20.86	20.96		
Channel				18675	18900	19125	Tune-up limit (dBm)	
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.01	21.06	21.03	22.00	
15	QPSK	1	5	20.46	20.74	20.88		
15	QPSK	3	0	20.96	21.06	21.11		
15	QPSK	3	3	20.79	20.92	20.88		
15	QPSK	6	0	20.83	20.90	20.84		
15	16QAM	1	0	20.86	21.19	21.02		
15	16QAM	1	5	20.81	21.07	20.65		
15	16QAM	3	0	20.90	21.03	20.85		
15	16QAM	3	3	20.77	20.72	20.77		
15	16QAM	5	0	20.81	21.05	20.94		
Channel				18650	18900	19150	Tune-up limit (dBm)	
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.85	20.92	21.04	22.00	
10	QPSK	1	5	20.72	20.87	20.98		
10	QPSK	3	0	21.04	21.24	21.01	22.00	
10	QPSK	3	3	20.92	20.99	20.97		
10	QPSK	6	0	19.93	20.02	19.86	21.00	
10	16QAM	1	0	20.90	21.09	20.89	22.00	
10	16QAM	1	5	20.68	20.87	20.86		
10	16QAM	3	0	20.86	21.04	20.70	22.00	
10	16QAM	3	3	20.72	20.91	20.66		
10	16QAM	5	0	20.90	20.99	20.97	20.00	
Channel				18625	18900	19175	Tune-up limit (dBm)	
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.80	20.84	20.97	22.00	
5	QPSK	1	5	20.64	20.73	21.01		
5	QPSK	3	0	21.09	21.12	21.24	22.00	
5	QPSK	3	3	20.94	20.98	21.00		
5	QPSK	6	0	19.94	19.97	19.87	21.00	
5	16QAM	1	0	21.02	21.05	21.07	22.00	
5	16QAM	1	5	20.92	20.93	20.97		
5	16QAM	3	0	21.01	21.05	20.85	22.00	
5	16QAM	3	3	20.74	20.88	20.58		
5	16QAM	5	0	19.87	19.96	19.96	21.00	
Channel				18615	18900	19185	Tune-up limit (dBm)	
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.77	20.85	20.86	22.00	
3	QPSK	1	5	20.64	20.73	20.74		
3	QPSK	3	0	19.91	20.00	19.90	21.00	
3	QPSK	3	3	19.70	19.79	19.74		
3	QPSK	6	0	18.78	18.88	18.73	20.00	
3	16QAM	1	0	19.75	19.80	19.91	21.00	
3	16QAM	1	5	19.64	19.64	19.77		
3	16QAM	3	0	18.68	18.86	18.85	20.00	
3	16QAM	3	3	18.46	18.64	18.59		
3	16QAM	5	0	18.59	18.78	18.53	20.00	
Channel				18607	18900	19193	Tune-up limit (dBm)	
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.33	18.64	20.88	22.00	
1.4	QPSK	1	5	19.84	20.67	20.78		
1.4	QPSK	3	0	19.74	19.84	19.92	21.00	
1.4	QPSK	3	3	19.54	19.73	19.75		
1.4	QPSK	6	0	19.74	18.83	18.74	20.00	
1.4	16QAM	1	0	19.53	19.80	19.74	21.00	
1.4	16QAM	1	5	19.73	19.66	19.58		
1.4	16QAM	3	0	19.80	18.91	18.75	20.00	
1.4	16QAM	3	3	19.62	18.66	18.61		
1.4	16QAM	5	0	19.71	18.47	18.64	21.00	

Band 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.24	21.38	21.50	22.00	
20	QPSK	1	5	21.02	21.17	21.36		
20	QPSK	3	0	21.15	21.42	21.48		
20	QPSK	3	3	20.92	21.26	21.26		
20	QPSK	6	0	20.96	21.23	21.31		
20	16QAM	1	0	21.20	21.30	21.54		
20	16QAM	1	5	20.91	21.06	21.38		
20	16QAM	3	0	20.96	21.23	21.38		
20	16QAM	3	3	20.79	21.08	21.20		
20	16QAM	5	0	21.02	21.17	21.38		
Channel				20025	20175	20325	Tune-up limit (dBm)	
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.25	21.45	21.49	22.00	
15	QPSK	1	5	21.02	21.22	21.34		
15	QPSK	3	0	21.14	21.48	21.49		
15	QPSK	3	3	21.02	21.25	21.32		
15	QPSK	6	0	20.97	21.19	21.30		
15	16QAM	1	0	21.20	21.19	21.44		
15	16QAM	1	5	21.07	21.15	21.33		
15	16QAM	3	0	21.00	21.28	21.29		
15	16QAM	3	3	20.81	21.08	21.12		
15	16QAM	5	0	21.02	21.21	21.33		
Channel				20000	20175	20350	Tune-up limit (dBm)	
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.07	21.46	21.45	22.00	
10	QPSK	1	5	20.93	21.27	21.31		
10	QPSK	3	0	21.14	21.50	21.44	22.00	
10	QPSK	3	3	21.01	21.30	21.21		
10	QPSK	6	0	20.08	20.31	20.28	21.00	
10	16QAM	1	0	21.21	21.33	21.26	22.00	
10	16QAM	1	5	21.06	21.09	21.16		
10	16QAM	3	0	21.09	21.30	21.30	22.00	
10	16QAM	3	3	20.73	21.18	21.09		
10	16QAM	5	0	21.03	21.34	21.30	22.00	
Channel				19975	20175	20375	Tune-up limit (dBm)	
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.19	21.40	21.53	22.00	
5	QPSK	1	5	20.97	21.07	21.39		
5	QPSK	3	0	21.20	21.43	21.43	22.00	
5	QPSK	3	3	20.97	21.30	21.20		
5	QPSK	6	0	20.06	20.39	20.28	21.00	
5	16QAM	1	0	21.15	21.33	21.48	22.00	
5	16QAM	1	5	21.06	21.22	21.24		
5	16QAM	3	0	21.08	21.32	21.27	22.00	
5	16QAM	3	3	20.83	21.14	21.05		
5	16QAM	5	0	20.19	20.33	20.34	21.00	
Channel				19965	20175	20385	Tune-up limit (dBm)	
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.77	21.41	21.29	22.00	
3	QPSK	1	5	20.76	21.21	21.16		
3	QPSK	3	0	19.89	20.29	20.33	21.00	
3	QPSK	3	3	19.78	20.10	20.15		
3	QPSK	6	0	18.85	19.20	19.29	20.00	
3	16QAM	1	0	19.76	20.13	20.34	21.00	
3	16QAM	1	5	19.63	20.03	20.19		
3	16QAM	3	0	18.53	19.31	19.43	20.00	
3	16QAM	3	3	18.54	18.92	19.29		
3	16QAM	5	0	18.77	19.16	19.17	20.00	
Channel				19957	20175	20393	Tune-up limit (dBm)	
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.05	20.10	20.08	21.00	
1.4	QPSK	1	5	19.93	20.23	20.08		
1.4	QPSK	3	0	19.50	20.26	20.18	21.00	
1.4	QPSK	3	3	19.70	20.03	20.08		
1.4	QPSK	6	0	19.71	19.82	20.07	21.00	
1.4	16QAM	1	0	19.69	20.22	20.06	21.00	
1.4	16QAM	1	5	19.71	19.98	19.87		
1.4	16QAM	3	0	19.50	19.83	19.99	21.00	
1.4	16QAM	3	3	19.50	19.83	20.01		
1.4	16QAM	5	0	19.71	19.82	20.25	21.00	

Band 12							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	20.70	20.43	20.52	
10	QPSK	1	5	20.34	20.35	20.34	21.50
10	QPSK	3	0	20.58	20.61	20.63	21.50
10	QPSK	3	3	20.38	20.55	20.46	
10	QPSK	6	0	19.44	19.48	19.45	20.50
10	16QAM	1	0	20.80	20.65	20.84	21.50
10	16QAM	1	5	20.44	20.59	20.45	
10	16QAM	3	0	20.63	20.61	20.50	20.50
10	16QAM	3	3	20.30	20.44	20.40	
10	16QAM	5	0	20.61	20.63	20.74	21.50
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	20.47	20.58	20.56	
5	QPSK	1	5	20.29	20.38	20.35	21.50
5	QPSK	3	0	20.57	20.59	20.65	21.50
5	QPSK	3	3	20.42	20.52	20.46	
5	QPSK	6	0	19.48	19.52	19.47	20.50
5	16QAM	1	0	20.64	20.69	20.77	21.50
5	16QAM	1	5	20.46	20.62	20.59	
5	16QAM	3	0	20.50	20.75	20.43	20.50
5	16QAM	3	3	20.27	20.44	20.20	
5	16QAM	5	0	19.66	19.56	19.46	20.50
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	20.29	20.67	20.22	
3	QPSK	1	5	20.01	20.36	19.87	21.50
3	QPSK	3	0	19.45	19.60	19.36	20.50
3	QPSK	3	3	19.33	19.47	19.26	
3	QPSK	6	0	18.31	18.42	18.23	19.50
3	16QAM	1	0	19.59	19.45	19.40	20.50
3	16QAM	1	5	19.39	19.37	19.22	
3	16QAM	3	0	18.78	18.57	18.55	19.50
3	16QAM	3	3	18.54	18.30	18.17	
3	16QAM	5	0	18.52	18.37	18.20	19.50
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	20.21	20.63	20.28	
1.4	QPSK	1	5	19.13	20.55	19.99	21.50
1.4	QPSK	3	0	19.15	19.67	19.35	20.50
1.4	QPSK	3	3	19.03	19.43	19.23	
1.4	QPSK	6	0	19.20	18.39	18.12	19.50
1.4	16QAM	1	0	19.12	19.38	19.19	20.50
1.4	16QAM	1	5	19.12	19.12	18.99	
1.4	16QAM	3	0	19.12	18.60	18.23	19.50
1.4	16QAM	3	3	19.32	18.49	17.86	
1.4	16QAM	5	0	19.12	18.48	18.21	19.50

Band 13							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		19.51		20.50
10	QPSK	1	5		19.58		
10	QPSK	3	0		19.73		20.50
10	QPSK	3	3		19.55		
10	QPSK	6	0		18.50		19.50
10	16QAM	1	0		19.59		20.50
10	16QAM	1	5		19.57		
10	16QAM	3	0		19.80		20.50
10	16QAM	3	3		19.55		
10	16QAM	5	0		19.67		20.50
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	19.68	19.77	20.00	20.50
5	QPSK	1	5	19.56	19.73	19.96	
5	QPSK	3	0	19.73	19.86	20.05	20.50
5	QPSK	3	3	19.55	19.67	19.88	
5	QPSK	6	0	18.50	18.63	18.94	19.50
5	16QAM	1	0	19.71	19.69	20.13	20.50
5	16QAM	1	5	19.68	19.73	19.94	
5	16QAM	3	0	19.76	19.88	20.06	20.50
5	16QAM	3	3	19.47	19.77	19.88	
5	16QAM	5	0	18.57	18.81	19.07	19.50

2.4GHz WLAN ANT 1

2.4GHz WLAN ANT 1	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
	802.11b 1Mbps	CH 1	2412	18.47	19.00	0.00	88.34
		CH 6	2437	19.57	20.50	0.00	
		CH 11	2462	19.99	20.50	0.00	
	802.11g 6Mbps	CH 1	2412	17.74	18.50	0.00	87.84
		CH 6	2437	18.15	19.00	0.00	
		CH 11	2462	18.48	19.00	0.00	
	802.11n-HT20 MCS0	CH 1	2412	17.77	18.50	0.00	87.38
		CH 6	2437	18.19	19.00	0.00	
		CH 11	2462	18.53	19.50	0.00	
	802.11n-HT40 MCS0	CH 3	2422	18.06	19.00	0.00	88.18
		CH 6	2437	18.28	19.00	0.00	
		CH 9	2452	18.39	19.00	0.00	

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	2.05	1.57
	CH 19	2440	1.96	1.57
	CH 39	2480	1.63	1.31
Tune-up Limit			2.50	2.50
Duty Cycle %			100.00	100.00