

Appendix F. Maximum Target Conducted Power

The maximum conducted average power (Unit: dBm) including tune-up tolerance is shown as below.

GSM Max. Tune-up Power (Full)				
Mode	GSM850	GSM850	GSM1900	GSM1900
	Maximum Burst-Averaged Output Power	Maximum Frame-Averaged Output Power	Maximum Burst-Averaged Output Power	Maximum Frame-Averaged Output Power
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
GSM (GMSK, 1Tx-slot)	32.5	23.5	29.5	20.5
GPRS (GMSK, 1Tx-slot)	32.5	23.5	29.5	20.5
GPRS (GMSK, 2Tx-slot)	30.5	23.5	29.0	23.0
GPRS (GMSK, 3Tx-slot)	29.5	23.5	28.0	23.7
GPRS (GMSK, 4Tx-slot)	28.5	23.5	27.0	24.0
EDGE (8PSK, 1Tx-slot)	26.0	23.5	26.0	17.0
EDGE (8PSK, 2Tx-slot)	25.0	23.5	25.0	19.0
EDGE (8PSK, 3Tx-slot)	24.0	23.5	24.0	19.7
EDGE (8PSK, 4Tx-slot)	23.0	23.5	23.0	20.0

WCDMA Max. Tune-up Power (Full)		
Mode	RMC 12.2K	HSDPA DC-HSDPA HSUPA
	Maximum Target Power	Maximum Target Power
WCDMA Band II	24.0	23.0
WCDMA Band V	24.0	23.0

LTE Max. Tune-up Power (Full)		
Mode	QPSK	16QAM
	Maximum Target Power	Maximum Target Power
LTE 2	22.5	21.5
LTE 4	22.5	21.5
LTE 5	22.5	21.5
LTE 7	23.0	22.0
LTE 12	22.0	21.0
LTE 13	22.0	21.0
LTE 17	22.0	21.0
LTE 25	22.5	21.5

WLAN Tune-up Power (Full)							
WLAN2.4GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11b	1	2412	22.5	22.5	23.0	23.0	25.5
	6	2437	22.5	22.5	23.0	23.0	25.5
	11	2462	22.5	22.5	23.0	23.0	25.5
802.11g	1	2412	20.0	20.0	20.0	20.0	23.0
	6	2437	22.5	22.5	23.0	23.0	25.5
	11	2462	20.0	20.0	20.0	20.0	23.0
802.11n HT20	1	2412	20.0	20.0	20.0	20.0	23.0
	6	2437	22.5	22.5	23.0	23.0	25.5
	11	2462	19.0	19.0	19.5	19.5	22.5
802.11n HT40	3	2422	19.0	19.0	19.5	19.5	22.5
	6	2437	20.0	20.0	19.5	19.5	22.5
	9	2452	16.5	16.5	16.5	16.5	19.5
802.11ac VHT20	1	2412	20.0	20.0	19.5	19.5	22.5
	6	2437	22.5	22.5	23.0	23.0	25.5
	11	2462	19.0	19.0	19.5	19.5	22.5
802.11ac VHT40	3	2422	19.0	19.0	19.5	19.5	22.5
	6	2437	20.0	20.0	19.5	19.5	22.5
	9	2452	16.5	16.5	16.5	16.5	19.5

WLAN Tune-up Power (Full)					
Bluetooth					
Mode	Channel	Frequency		Ant 1 Max Tune-up	
BR / EDR	0	2402		11.0	
	39	2441		11.0	
	78	2480		11.0	
LE	0	2402		1.0	
	19	2440		1.0	
	39	2480		1.0	

WLAN Tune-up Power (Full)							
WLAN 5.2GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	36	5180	17.5	17.5	17.5	17.5	20.5
	40	5200	17.5	17.5	17.5	17.5	20.5
	44	5220	17.5	17.5	17.5	17.5	20.5
	48	5240	17.5	17.5	17.5	17.5	20.5
802.11n HT20	36	5180	17.5	17.5	17.5	17.5	20.5
	40	5200	17.5	17.5	17.5	17.5	20.5
	44	5220	17.5	17.5	17.5	17.5	20.5
	48	5240	17.5	17.5	17.5	17.5	20.5
802.11n HT40	38	5190	17.0	17.0	17.0	17.0	20.0
	46	5230	17.0	17.0	17.0	17.0	20.0
802.11ac VHT20	36	5180	17.5	17.5	17.5	17.5	20.5
	40	5200	17.5	17.5	17.5	17.5	20.5
	44	5220	17.5	17.5	17.5	17.5	20.5
	48	5240	17.5	17.5	17.5	17.5	20.5
802.11ac VHT40	38	5190	17.0	17.0	17.0	17.0	20.0
	46	5230	17.0	17.0	17.0	17.0	20.0
802.11ac VHT80	42	5210	17.0	17.0	17.0	17.0	20.0

WLAN Tune-up Power (Full)							
WLAN 5.3GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	52	5260	19.5	19.5	19.5	19.5	22.5
	56	5280	19.5	19.5	19.5	19.5	22.5
	60	5300	19.5	19.5	19.5	19.5	22.5
	64	5320	19.5	19.5	18.5	18.5	21.5
802.11n HT20	52	5260	19.5	19.5	19.5	19.5	22.5
	56	5280	19.5	19.5	19.5	19.5	22.5
	60	5300	19.5	19.5	19.5	19.5	22.5
	64	5320	19.5	19.5	18.5	18.5	21.5
802.11n HT40	54	5270	19.0	19.0	19.0	19.0	22.0
	62	5310	16.0	16.0	16.0	16.0	19.0
802.11ac VHT20	52	5260	19.5	19.5	19.5	19.5	22.5
	56	5280	19.5	19.5	19.5	19.5	22.5
	60	5300	19.5	19.5	19.5	19.5	22.5
	64	5320	19.5	19.5	18.5	18.5	21.5
802.11ac VHT40	54	5270	19.5	19.5	19.5	19.5	22.5
	62	5310	16.0	16.0	16.0	16.0	19.0
802.11ac VHT80	58	5290	16.0	16.0	16.0	16.0	19.0

WLAN Tune-up Power (Full)							
WLAN 5.6GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	100	5500	19.0	19.0	19.5	19.5	22.5
	116	5580	19.0	19.0	19.5	19.5	22.5
	120	5600	19.0	19.0	19.5	19.5	22.5
	124	5620	19.0	19.0	19.5	19.5	22.5
	132	5660	19.0	19.0	19.5	19.5	22.5
	140	5700	19.0	19.0	19.5	19.5	22.5
	144	5720	19.0	19.0	19.5	19.5	22.5
802.11n HT20	100	5500	19.0	19.0	19.5	19.5	22.5
	116	5580	19.0	19.0	19.5	19.5	22.5
	120	5600	19.0	19.0	19.5	19.5	22.5
	124	5620	19.0	19.0	19.5	19.5	22.5
	132	5660	19.0	19.0	19.5	19.5	22.5
	140	5700	19.0	19.0	19.5	19.5	22.5
	144	5720	19.0	19.0	19.5	19.5	22.5
802.11n HT40	102	5510	16.5	16.5	16.5	16.5	19.5
	110	5550	19.0	19.0	19.5	19.5	22.5
	118	5590	19.0	19.0	19.5	19.5	22.5
	126	5630	19.0	19.0	19.5	19.5	22.5
	134	5670	16.5	16.5	16.5	16.5	19.5
	142	5710	19.0	19.0	19.5	19.5	22.5
802.11ac VHT20	100	5500	19.0	19.0	19.5	19.5	22.5
	116	5580	19.0	19.0	19.5	19.5	22.5
	120	5600	19.0	19.0	19.5	19.5	22.5
	124	5620	19.0	19.0	19.5	19.5	22.5
	132	5660	19.0	19.0	19.5	19.5	22.5
	140	5700	19.0	19.0	19.5	19.5	22.5
	144	5720	19.0	19.0	19.5	19.5	22.5
802.11ac VHT40	102	5510	16.5	16.5	16.5	16.5	19.5
	110	5550	19.0	19.0	19.5	19.5	22.5
	118	5590	19.0	19.0	19.5	19.5	22.5
	126	5630	19.0	19.0	19.5	19.5	22.5
	134	5670	16.5	16.5	16.5	16.5	19.5
	142	5710	19.0	19.0	19.5	19.5	22.5
802.11ac VHT80	106	5530	16.5	16.5	16.5	16.5	19.5
	122	5610	16.5	16.5	16.5	16.5	19.5
	138	5690	19.0	19.0	19.5	19.5	22.5

WLAN Tune-up Power (Full)							
WLAN 5.8GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	149	5745	20.0	20.0	20.0	20.0	23.0
	153	5765	20.0	20.0	20.0	20.0	23.0
	157	5785	20.0	20.0	20.0	20.0	23.0
	161	5805	20.0	20.0	20.0	20.0	23.0
	165	5825	20.0	20.0	20.0	20.0	23.0
802.11n HT20	149	5745	20.0	20.0	20.0	20.0	23.0
	153	5765	20.0	20.0	20.0	20.0	23.0
	157	5785	20.0	20.0	20.0	20.0	23.0
	161	5805	20.0	20.0	20.0	20.0	23.0
	165	5825	20.0	20.0	20.0	20.0	23.0
802.11n HT40	151	5755	20.0	20.0	20.0	20.0	23.0
	159	5795	20.0	20.0	20.0	20.0	23.0
802.11ac VHT20	149	5745	20.0	20.0	20.0	20.0	23.0
	153	5765	20.0	20.0	20.0	20.0	23.0
	157	5785	20.0	20.0	20.0	20.0	23.0
	161	5805	20.0	20.0	20.0	20.0	23.0
	165	5825	20.0	20.0	20.0	20.0	23.0
802.11ac VHT40	151	5755	20.5	20.5	20.5	20.5	23.5
	159	5795	20.5	20.5	20.5	20.5	23.5
802.11ac VHT80	155	5775	20.0	20.0	20.0	20.0	23.0