

Appendix F. Maximum Target Conducted Power

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

WCDMA Max. Tune-up Power (Full)		
Mode	RMC 12.2K	HSDPA DC-HSDPA HSUPA
	Maximum Target Power	Maximum Target Power
WCDMA Band II Ant 1	24.0	23.0
WCDMA Band V Ant 1	24.0	23.0

LTE Max. Tune-up Power (Full)				
Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
LTE 2 Ant 1/2	23.0	22.0	21.0	18.0
LTE 4 Ant 1/2	24.0	23.0	22.0	19.0
LTE 5 Ant 1	24.0	23.0	22.0	19.0
LTE 7 Ant 1/2	24.0	23.0	22.0	19.0
LTE 12 Ant 1	24.0	23.0	22.0	19.0
LTE 13 Ant 1	24.0	23.0	22.0	19.0
LTE 14 Ant 1	24.0	23.0	22.0	19.0
LTE 17 Ant 1	24.0	23.0	22.0	19.0
LTE 25 Ant 1	24.0	23.0	22.0	19.0
LTE 30 Ant 1	23.0	22.0	21.0	18.0
LTE 38 Ant 1	24.0	23.0	22.0	19.0
LTE 41 Ant 1	24.0	23.0	22.0	19.0
LTE 66 Ant 1/2	24.0	23.0	22.0	19.0
LTE 71 Ant 1	24.0	23.0	22.0	19.0

5G NR Max. Tune-up Power (Full)					
DFT-S Mode	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
NR 2 Ant 2	24.0	24.0	23.0	21.5	19.5
NR 5 Ant 1/2	24.0	24.0	23.0	21.5	19.5
NR 25 Ant 2	24.0	24.0	23.0	21.5	19.5
NR 41 Ant 2	24.0	24.0	23.0	21.5	19.5
NR 66 Ant 1/2	24.0	24.0	23.0	21.5	19.5
NR 71 Ant 1	24.0	24.0	23.0	21.5	19.5
NR 77 Ant 2	24.0	24.0	23.0	21.5	19.5

5G NR Max. Tune-up Power (Full)				
CP Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
NR 2 Ant 2	22.5	22.0	20.5	17.5
NR 5 Ant 1/2	22.5	22.0	20.5	17.5
NR 25 Ant 2	22.5	22.0	20.5	17.5
NR 41 Ant 2	22.5	22.0	20.5	17.5
NR 66 Ant 1/2	22.5	22.0	20.5	17.5
NR 71 Ant 1	22.5	22.0	20.5	17.5
NR 77 Ant 2	22.5	22.0	20.5	17.5

LTE Max. Tune-up Power (For EN-DC)				
Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
LTE 2 Ant 1/2	20.0	19.0	18.0	15.0
LTE 4				
LTE 5 Ant 1	21.0	20.0	19.0	16.0
LTE 7 Ant 1/2	21.0	20.0	19.0	16.0
LTE 12 Ant 1	21.0	20.0	19.0	16.0
LTE 13 Ant 1	21.0	20.0	19.0	16.0
LTE 14 Ant 1				
LTE 17				
LTE 25				
LTE 30				
LTE 38				
LTE 41				
LTE 66 Ant 1/2	21.0	20.0	19.0	16.0
LTE 71				

5G NR Max. Tune-up Power (For EN-DC)					
DFT-S Mode	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
NR 2 Ant 2	21.0	21.0	20.0	18.5	16.5
NR 5 Ant 1/2	21.0	21.0	20.0	18.5	16.5
NR 25 Ant 2	21.0	21.0	20.0	18.5	16.5
NR 41 Ant 2	21.0	21.0	20.0	18.5	16.5
NR 66 Ant 1/2	21.0	21.0	20.0	18.5	16.5
NR 71 Ant 1	21.0	21.0	20.0	18.5	16.5
NR 77 Ant 2	21.0	21.0	20.0	18.5	16.5

5G NR Max. Tune-up Power (For EN-DC)				
CP Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
NR 2 Ant 2	19.5	19.0	17.5	14.5
NR 5 Ant 1/2	19.5	19.0	17.5	14.5
NR 25 Ant 2	19.5	19.0	17.5	14.5
NR 41 Ant 2	19.5	19.0	17.5	14.5
NR 66 Ant 1/2	19.5	19.0	17.5	14.5
NR 71 Ant 1	19.5	19.0	17.5	14.5
NR 77 Ant 2	19.5	19.0	17.5	14.5

WLAN Tune-up Power (Full)							
WLAN2.4GHz							
Mode	Channel	Frequency	SISO Ant 3 Max Tune up	SISO Ant 4 Max Tune up	MIMO Ant 3 Tune up	MIMO Ant 4 Tune up	MIMO Ant 3+4 Max Tune up
802.11b	1	2412	10.0	10.0			
	6	2437	10.0	10.0			
	11	2462	10.0	10.0			
802.11g	1	2412	10.0	10.0			
	6	2437	10.0	10.0			
	11	2462	10.0	10.0			
802.11n HT20	1	2412	10.0	10.0	10.0	10.0	13.0
	6	2437	10.0	10.0	10.0	10.0	13.0
	11	2462	10.0	10.0	10.0	10.0	13.0
802.11n HT40	3	2422	10.0	10.0	10.0	10.0	13.0
	6	2437	10.0	10.0	10.0	10.0	13.0
	9	2452	10.0	10.0	10.0	10.0	13.0
802.11ac VHT20	1	2412	10.0	10.0	10.0	10.0	13.0
	6	2437	10.0	10.0	10.0	10.0	13.0
	11	2462	10.0	10.0	10.0	10.0	13.0
802.11ac VHT40	3	2422	10.0	10.0	10.0	10.0	13.0
	6	2437	10.0	10.0	10.0	10.0	13.0
	9	2452	10.0	10.0	10.0	10.0	13.0
802.11ax HE20	1	2412	10.0	10.0	10.0	10.0	13.0
	6	2437	10.0	10.0	10.0	10.0	13.0
	11	2462	10.0	10.0	10.0	10.0	13.0
802.11ax HE40	3	2422	10.0	10.0	10.0	10.0	13.0
	6	2437	10.0	10.0	10.0	10.0	13.0
	9	2452	10.0	10.0	10.0	10.0	13.0

WLAN Tune-up Power (Full)

WLAN 5.2GHz

Mode	Channel	Frequency	SISO Ant 3 Max Tune up	SISO Ant 4 Max Tune up	MIMO Ant 3 Tune up	MIMO Ant 4 Tune up	MIMO Ant 3+4 Max Tune up
802.11a	36	5180	10.0	10.0			
	40	5200	10.0	10.0			
	44	5220	10.0	10.0			
	48	5240	10.0	10.0			
802.11n HT20	36	5180	10.0	10.0	10.0	10.0	13.0
	40	5200	10.0	10.0	10.0	10.0	13.0
	44	5220	10.0	10.0	10.0	10.0	13.0
	48	5240	10.0	10.0	10.0	10.0	13.0
802.11n HT40	38	5190	10.0	10.0	10.0	10.0	13.0
	46	5230	10.0	10.0	10.0	10.0	13.0
802.11ac VHT20	36	5180	10.0	10.0	10.0	10.0	13.0
	40	5200	10.0	10.0	10.0	10.0	13.0
	44	5220	10.0	10.0	10.0	10.0	13.0
	48	5240	10.0	10.0	10.0	10.0	13.0
802.11ac VHT40	38	5190	10.0	10.0	10.0	10.0	13.0
	46	5230	10.0	10.0	10.0	10.0	13.0
802.11ac VHT80	42	5210	10.0	10.0	10.0	10.0	13.0
802.11ax HE20	36	5180	10.0	10.0	10.0	10.0	13.0
	40	5200	10.0	10.0	10.0	10.0	13.0
	44	5220	10.0	10.0	10.0	10.0	13.0
	48	5240	10.0	10.0	10.0	10.0	13.0
802.11ax HE40	38	5190	10.0	10.0	10.0	10.0	13.0
	46	5230	10.0	10.0	10.0	10.0	13.0
802.11ax HE80	42	5210	10.0	10.0	10.0	10.0	13.0

WLAN Tune-up Power (Full)

WLAN 5.8GHz

Mode	Channel	Frequency	SISO Ant 3 Max Tune up	SISO Ant 4 Max Tune up	MIMO Ant 3 Tune up	MIMO Ant 4 Tune up	MIMO Ant 3+4 Max Tune up
802.11a	149	5745	10.0	10.0			
	153	5765	10.0	10.0			
	157	5785	10.0	10.0			
	161	5805	10.0	10.0			
	165	5825	10.0	10.0			
802.11n HT20	149	5745	10.0	10.0	10.0	10.0	13.0
	153	5765	10.0	10.0	10.0	10.0	13.0
	157	5785	10.0	10.0	10.0	10.0	13.0
	161	5805	10.0	10.0	10.0	10.0	13.0
	165	5825	10.0	10.0	10.0	10.0	13.0
802.11n HT40	151	5755	10.0	10.0	10.0	10.0	13.0
	159	5795	10.0	10.0	10.0	10.0	13.0
802.11ac VHT20	149	5745	10.0	10.0	10.0	10.0	13.0
	153	5765	10.0	10.0	10.0	10.0	13.0
	157	5785	10.0	10.0	10.0	10.0	13.0
	161	5805	10.0	10.0	10.0	10.0	13.0
	165	5825	10.0	10.0	10.0	10.0	13.0
802.11ac VHT40	151	5755	10.0	10.0	10.0	10.0	13.0
	159	5795	10.0	10.0	10.0	10.0	13.0
802.11ac VHT80	155	5775	10.0	10.0	10.0	10.0	13.0
802.11ax HE20	149	5745	10.0	10.0	10.0	10.0	13.0
	153	5765	10.0	10.0	10.0	10.0	13.0
	157	5785	10.0	10.0	10.0	10.0	13.0
	161	5805	10.0	10.0	10.0	10.0	13.0
	165	5825	10.0	10.0	10.0	10.0	13.0
802.11ax HE40	151	5755	10.0	10.0	10.0	10.0	13.0
	159	5795	10.0	10.0	10.0	10.0	13.0
802.11ax HE80	155	5775	10.0	10.0	10.0	10.0	13.0