

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 (P-Sensor Off)		
Mode	RMC 12.2K	HSDPA DC-HSDPA HSUPA
	Maximum Target Power	Maximum Target Power
WCDMA Band II	24.5	23.5
WCDMA Band IV	24.5	23.5
WCDMA Band V	24.5	23.5

LTE Max. Tune-up Power (P-Sensor Off)				
Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
LTE 2	24.5	23.5	22.5	19.5
LTE 4	24.5	23.5	22.5	19.5
LTE 5	24.5	23.5	22.5	19.5
LTE 7	24.5	23.5	22.5	19.5
LTE 12	24.5	23.5	22.5	19.5
LTE 13	24.5	23.5	22.5	19.5
LTE 25	24.5	23.5	22.5	19.5
LTE 26	24.5	23.5	22.5	19.5
LTE 38	24.5	23.5	22.5	19.5
LTE 41_PC2	27.0	23.5	22.5	19.5
LTE 41_PC3	24.5	23.5	22.5	19.5
LTE 66	24.5	23.5	22.5	19.5
LTE 71	24.5	23.5	22.5	19.5

5G NR Max. Tune-up Power (P-Sensor Off)					
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 25	24.5	24.5	23.5	22.0	20.0
NR 41	27.0	27.0	24.5	24.5	22.5
NR 66	24.5	24.5	23.5	22.0	20.0
NR 71	24.5	24.5	23.5	22.0	20.0

WCDMA Max. Tune-up Power (P-Sensor On)		
Mode	RMC 12.2K	HSDPA DC-HSDPA HSUPA
	Maximum Target Power	Maximum Target Power
WCDMA Band II	18.5	17.5
WCDMA Band IV	23.5	22.5
WCDMA Band V	23.5	22.5

LTE Max. Tune-up Power (P-Sensor On) Ant 0				
Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
LTE 2	15.5	14.5	13.5	10.5
LTE 4	17.0	16.0	15.0	12.0
LTE 5	21.0	20.0	19.0	16.0
LTE 7	17.0	16.0	15.0	12.0
LTE 12	23.0	22.0	21.0	18.0
LTE 13	23.0	22.0	21.0	18.0
LTE 25	15.0	14.0	13.0	10.0
LTE 26	21.0	20.0	19.0	16.0
LTE 38	18.0	17.0	16.0	13.0
LTE 41_PC2				
LTE 41_PC3	18.0	17.0	16.0	13.0
LTE 66	18.0	17.0	16.0	13.0
LTE 71	20.0	19.0	18.0	15.0

5G NR Max. Tune-up Power (P-Sensor On) Ant0					
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 25	14.0	14.0	13.0	11.5	9.5
NR 41					
NR 66	18.5	18.5	17.5	16.0	14.0
NR 71	24.0	24.0	23.0	21.5	19.5

LTE Max. Tune-up Power (P-Sensor On) Ant 2				
Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
LTE 2	22.5	14.5	13.5	10.5
LTE 4	22.0	16.0	15.0	12.0
LTE 66	23.0	17.0	16.0	13.0

5G NR Max. Tune-up Power (P-Sensor On) Ant2					
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 41	16.5	16.5	15.5	14.0	12.0

5G NR Max. Tune-up Power (P-Sensor On) Ant2				
CP Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
NR 41	23.0	14.5	13.0	10.0

5G NR Max. Tune-up Power (P-Sensor On) Ant4					
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 41	23.0	23.0	22.0	20.5	18.5

5G NR Max. Tune-up Power (P-Sensor On) Ant4				
CP Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
NR 41	21.5	21.0	19.5	16.5

WLAN Tune-up Power (P-Sensor Off)							
WLAN 2.4GHz							
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	19.0	19.0			
	6	2437	19.0	19.0			
	11	2462	19.0	19.0			
802.11g	1	2412	16.0	16.0			
	6	2437	16.0	16.0			
	11	2462	16.0	16.0			
802.11n HT20	1	2412	15.0	16.0	15.0	15.0	18.0
	6	2437	16.0	16.0	16.0	16.0	19.0
	11	2462	15.0	15.0	15.0	15.0	18.0
802.11n HT40	3	2422	15.0	15.0	15.0	15.0	18.0
	6	2437	16.0	16.0	16.0	16.0	19.0
	9	2452	14.0	14.0	14.0	14.0	17.0
	10	2457	16.0	16.0	15.0	15.0	18.0
	11	2462	16.0	16.0	15.0	15.0	18.0
802.11ac VHT20	1	2412	15.0	15.0	15.0	15.0	18.0
	6	2437	16.0	16.0	16.0	16.0	19.0
	11	2462	15.0	15.0	15.0	15.0	18.0
802.11ac VHT40	3	2422	15.0	15.0	15.0	15.0	18.0
	6	2437	16.0	16.0	16.0	16.0	19.0
	9	2452	14.0	14.0	14.0	14.0	17.0
	10	2457	16.0	16.0	15.0	15.0	18.0
	11	2462	16.0	16.0	15.0	15.0	18.0
802.11ax HE20	1	2412	15.0	15.0	15.0	15.0	18.0
	6	2437	16.0	16.0	16.0	16.0	19.0
	11	2462	15.0	15.0	15.0	15.0	18.0
802.11ax HE40	3	2422	15.0	15.0	15.0	15.0	18.0
	6	2437	16.0	16.0	16.0	16.0	19.0
	9	2452	14.0	14.0	14.0	14.0	17.0
	10	2457	16.0	16.0	15.0	15.0	18.0
	11	2462	16.0	16.0	15.0	15.0	18.0

WLAN Tune-up Power (P-Sensor Off)							
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	19.0	19.0			
	40	5200	19.0	19.0			
	44	5220	19.0	19.0			
	48	5240	19.0	19.0			
802.11n HT20	36	5180	18.0	18.0	18.0	18.0	21.0
	40	5200	18.0	18.0	18.0	18.0	21.0
	44	5220	18.0	18.0	18.0	18.0	21.0
	48	5240	18.0	18.0	18.0	18.0	21.0
802.11n HT40	38	5190	18.0	18.0	18.0	18.0	21.0
	46	5230	18.0	18.0	18.0	18.0	21.0
802.11ac VHT20	36	5180	18.0	18.0	18.0	18.0	21.0
	40	5200	18.0	18.0	18.0	18.0	21.0
	44	5220	18.0	18.0	18.0	18.0	21.0
	48	5240	18.0	18.0	18.0	18.0	21.0
802.11ac VHT40	38	5190	18.0	18.0	18.0	18.0	21.0
	46	5230	18.0	18.0	18.0	18.0	21.0
802.11ac VHT80	42	5210	18.0	18.0	18.0	18.0	21.0
802.11ax HE20	36	5180	18.0	18.0	18.0	18.0	21.0
	40	5200	18.0	18.0	18.0	18.0	21.0
	44	5220	18.0	18.0	18.0	18.0	21.0
	48	5240	18.0	18.0	18.0	18.0	21.0
802.11ax HE40	38	5190	18.0	18.0	18.0	18.0	21.0
	46	5230	18.0	18.0	18.0	18.0	21.0
802.11ax HE80	42	5210	18.0	18.0	18.0	18.0	21.0

WLAN Tune-up Power (P-Sensor Off)							
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	19.0	19.0			
	153	5765	19.0	19.0			
	157	5785	19.0	19.0			
	161	5805	19.0	19.0			
	165	5825	19.0	19.0			
802.11n HT20	149	5745	18.0	18.0	18.0	18.0	21.0
	153	5765	18.0	18.0	18.0	18.0	21.0
	157	5785	18.0	18.0	18.0	18.0	21.0
	161	5805	18.0	18.0	18.0	18.0	21.0
	165	5825	18.0	18.0	18.0	18.0	21.0
802.11n HT40	151	5755	18.0	18.0	18.0	18.0	21.0
	159	5795	18.0	18.0	18.0	18.0	21.0
802.11ac VHT20	149	5745	18.0	18.0	18.0	18.0	21.0
	153	5765	18.0	18.0	18.0	18.0	21.0
	157	5785	18.0	18.0	18.0	18.0	21.0
	161	5805	18.0	18.0	18.0	18.0	21.0
	165	5825	18.0	18.0	18.0	18.0	21.0
802.11ac VHT40	151	5755	18.0	18.0	18.0	18.0	21.0
	159	5795	18.0	18.0	18.0	18.0	21.0
802.11ac VHT80	155	5775	18.0	18.0	18.0	18.0	21.0
802.11ax HE20	149	5745	18.0	18.0	18.0	18.0	21.0
	153	5765	18.0	18.0	18.0	18.0	21.0
	157	5785	18.0	18.0	18.0	18.0	21.0
	161	5805	18.0	18.0	18.0	18.0	21.0
	165	5825	18.0	18.0	18.0	18.0	21.0
802.11ax HE40	151	5755	18.0	18.0	18.0	18.0	21.0
	159	5795	18.0	18.0	18.0	18.0	21.0
802.11ax HE80	155	5775	18.0	18.0	18.0	18.0	21.0

WLAN Tune-up Power (P-Sensor On)							
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	16.5	19.0			
	153	5765	16.5	19.0			
	157	5785	16.5	19.0			
	161	5805	16.5	19.0			
	165	5825	16.5	19.0			
802.11n HT20	149	5745	15.5	18.0	16.0	16.0	19.0
	153	5765	15.5	18.0	16.0	16.0	19.0
	157	5785	15.5	18.0	16.0	16.0	19.0
	161	5805	15.5	18.0	16.0	16.0	19.0
	165	5825	15.5	18.0	16.0	16.0	19.0
802.11n HT40	151	5755	15.5	18.0	16.0	16.0	19.0
	159	5795	15.5	18.0	16.0	16.0	19.0
802.11ac VHT20	149	5745	15.5	18.0	16.0	16.0	19.0
	153	5765	15.5	18.0	16.0	16.0	19.0
	157	5785	15.5	18.0	16.0	16.0	19.0
	161	5805	15.5	18.0	16.0	16.0	19.0
	165	5825	15.5	18.0	16.0	16.0	19.0
802.11ac VHT40	151	5755	15.5	18.0	16.0	16.0	19.0
	159	5795	15.5	18.0	16.0	16.0	19.0
802.11ac VHT80	155	5775	15.5	18.0	16.0	16.0	19.0
802.11ax HE20	149	5745	15.5	18.0	16.0	16.0	19.0
	153	5765	15.5	18.0	16.0	16.0	19.0
	157	5785	15.5	18.0	16.0	16.0	19.0
	161	5805	15.5	18.0	16.0	16.0	19.0
	165	5825	15.5	18.0	16.0	16.0	19.0
802.11ax HE40	151	5755	15.5	18.0	16.0	16.0	19.0
	159	5795	15.5	18.0	16.0	16.0	19.0
802.11ax HE80	155	5775	15.5	18.0	16.0	16.0	19.0