

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_Main 0)		
Mode	RMC 12.2K	HSDPA DC-HSDPA HSUPA
	Maximum Target Power	Maximum Target Power
WCDMA Band II	24.5	24.5
WCDMA Band IV	24.5	24.5
WCDMA Band V	24.5	24.5

LTE Max. Tune-up Power (P-Sensor Off_Main 0)				
Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
LTE 2	24.0	23.0	22.0	19.0
LTE 4	24.0	23.0	22.0	19.0
LTE 5	24.5	23.5	22.5	19.5
LTE 7	21.5	20.5	19.5	16.5
LTE 12	24.5	23.5	22.5	19.5
LTE 13	24.5	23.5	22.5	19.5
LTE 14	24.5	23.5	22.5	19.5
LTE 17	24.5	23.5	22.5	19.5
LTE 25	24.0	23.0	22.0	19.0
LTE 26	24.5	23.5	22.5	19.5
LTE 30	23.0	22.0	21.0	18.0
LTE 38	24.0	23.0	22.0	19.0
LTE 41	24.0	23.0	22.0	19.0
LTE 41(HUPE)	27.0	26.0	25.0	22.0
LTE 66	24.0	23.0	22.0	19.0

5G NR Max. Tune-up Power (P-Sensor Off_Main 0)					
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	24.0	24.0	23.0	21.5	19.5
NR 5	24.0	24.0	23.0	21.5	19.5
NR 12	24.0	24.0	23.0	21.5	19.5
NR 66	24.0	24.0	23.0	21.5	19.5

5G NR Max. Tune-up Power (P-Sensor Off_Main 0)				
CP Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
NR 2	22.5	22.0	20.5	17.5
NR 5	22.5	22.0	20.5	17.5
NR 12	22.5	22.0	20.5	17.5
NR 66	22.5	22.0	20.5	17.5

WCDMA Max. Tune-up Power (P-Sensor On_Main 0)		
Mode	RMC 12.2K	HSDPA DC-HSDPA HSUPA
	Maximum Target Power	Maximum Target Power
WCDMA Band II	20.0	20.0
WCDMA Band IV	18.0	18.0
WCDMA Band V	19.5	19.5

LTE Max. Tune-up Power (P-Sensor On_Main 0)				
Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
LTE 2	19.0	18.0	17.0	14.0
LTE 4	18.0	17.0	16.0	13.0
LTE 5	19.0	18.0	17.0	14.0
LTE 7	15.0	14.0	13.0	10.0
LTE 12	20.5	19.5	18.5	15.5
LTE 13	22.5	21.5	20.5	17.5
LTE 14	22.5	21.5	20.5	17.5
LTE 17	20.5	19.5	18.5	15.5
LTE 25	20.0	19.0	18.0	15.0
LTE 26	19.0	18.0	17.0	14.0
LTE 30	20.0	19.0	18.0	15.0
LTE 38	21.0	20.0	19.0	16.0
LTE 41	22.5	21.5	20.5	17.5
	0.0			
LTE 66	18.0	17.0	16.0	13.0

5G NR Max. Tune-up Power (P-Sensor On_Main 0)					
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	18.0	18.0	17.0	15.5	13.5
NR 5	19.5	19.5	18.5	17.0	15.0
NR 12	19.0	19.0	18.0	16.5	14.5
NR 66	18.0	18.0	17.0	15.5	13.5

5G NR Max. Tune-up Power (P-Sensor On_Main 0)				
CP Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
NR 2	16.5	16.0	14.5	11.5
NR 5	18.0	17.5	16.0	13.0
NR 12	17.5	17.0	15.5	12.5
NR 66	16.5	16.0	14.5	11.5

LTE Max. Tune-up Power (P-Sensor Off_MIMO 2)				
Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
LTE 2	24.0	23.0	22.0	19.0
LTE 7	21.5	20.5	19.5	16.5
LTE 42	24.0	23.0	22.0	19.0
LTE 48	21.0	20.0	19.0	16.0
LTE 66	24.0	23.0	22.0	19.0

5G NR Max. Tune-up Power (P-Sensor Off_MIMO 2)					
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	24.0	24.0	23.0	21.5	19.5
NR 7	21.5	21.5	20.5	19.0	17.0
NR 41	21.5	21.5	20.5	19.0	17.0
NR 66	24.0	24.0	23.0	21.5	19.5

5G NR Max. Tune-up Power (P-Sensor Off_MIMO 2)				
CP Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
NR 2	22.5	22.0	20.5	17.5
NR 7	20.0	19.5	18.0	15.0
NR 41	20.0	19.5	18.0	15.0
NR 66	22.5	22.0	20.5	17.5

LTE Max. Tune-up Power (P-Sensor On_MIMO 2)				
Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
LTE 2	19.0	18.0	17.0	14.0
LTE 7	15.0	14.0	13.0	10.0
LTE 42	22.5	21.5	20.5	17.5
LTE 48	20.5	19.5	18.5	15.5
LTE 66	18.0	17.0	16.0	13.0

5G NR Max. Tune-up Power (P-Sensor On_MIMO 2)					
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	18.0	18.0	17.0	15.5	13.5
NR 7	15.0	15.0	14.0	12.5	10.5
NR 41	15.0	15.0	14.0	12.5	10.5
NR 66	18.0	18.0	17.0	15.5	13.5

5G NR Max. Tune-up Power (P-Sensor On_MIMO 2)				
CP Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
NR 2	16.5	16.0	14.5	11.1
NR 7	13.5	13.0	11.5	8.5
NR 41	13.5	13.0	11.5	8.5
NR 66	16.5	16.0	14.5	11.5

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	15.0	15.0			
	6	2437	15.0	15.0			
	11	2462	15.0	15.0			
	12	2467	15.0	15.0			
	13	2472	15.0	15.0			
802.11g	1	2412	15.0	15.0			
	6	2437	15.0	15.0			
	11	2462	15.0	15.0			
	12	2467	15.0	15.0			
	13	2472	15.0	15.0			
802.11n HT20	1	2412	15.0	15.0	15.0	15.0	18.0
	6	2437	15.0	15.0	15.0	15.0	18.0
	11	2462	15.0	15.0	15.0	15.0	18.0
	12	2467	15.0	15.0	15.0	15.0	18.0
	13	2472	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	15.0	15.0	15.0	15.0	18.0
	9	2452	15.0	15.0	15.0	15.0	18.0
	10	2457	15.0	15.0	15.0	15.0	18.0
	11	2462	15.0	15.0	15.0	15.0	18.0
802.11ax HE20	1	2412	15.0	15.0	15.0	15.0	18.0
	6	2437	15.0	15.0	15.0	15.0	18.0
	11	2462	15.0	15.0	15.0	15.0	18.0
	12	2467	15.0	15.0	15.0	15.0	18.0
	13	2472	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	15.0	15.0	15.0	15.0	18.0
	9	2452	15.0	15.0	15.0	15.0	18.0
	10	2457	15.0	15.0	15.0	15.0	18.0
	11	2462	15.0	15.0	15.0	15.0	18.0

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		10.5	
	19	2440		10.5	
	39	2480		10.5	

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	13.5	13.5			
	40	5200	13.5	13.5			
	44	5220	13.5	13.5			
	48	5240	13.5	13.5			
802.11n HT20	36	5180	13.5	13.5	13.5	13.5	16.5
	40	5200	13.5	13.5	13.5	13.5	16.5
	44	5220	13.5	13.5	13.5	13.5	16.5
	48	5240	13.5	13.5	13.5	13.5	16.5
802.11n HT40	38	5190	13.5	13.5	13.5	13.5	16.5
	46	5230	13.5	13.5	13.5	13.5	16.5
802.11ac VHT80	42	5210	13.5	13.5	13.5	13.5	16.5
802.11ax HE20	36	5180	13.5	13.5	13.5	13.5	16.5
	40	5200	13.5	13.5	13.5	13.5	16.5
	44	5220	13.5	13.5	13.5	13.5	16.5
	48	5240	13.5	13.5	13.5	13.5	16.5
802.11ax HE40	38	5190	13.5	13.5	13.5	13.5	16.5
	46	5230	13.5	13.5	13.5	13.5	16.5
802.11ax HE80	42	5210	13.5	13.5	13.5	13.5	16.5

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	13.5	13.5			
	56	5280	13.5	13.5			
	60	5300	13.5	13.5			
	64	5320	13.5	13.5			
802.11n HT20	52	5260	13.5	13.5	13.5	13.5	16.5
	56	5280	13.5	13.5	13.5	13.5	16.5
	60	5300	13.5	13.5	13.5	13.5	16.5
	64	5320	13.5	13.5	13.5	13.5	16.5
802.11n HT40	54	5270	13.5	13.5	13.5	13.5	16.5
	62	5310	13.5	13.5	13.5	13.5	16.5
802.11ac VHT80	58	5290	13.5	13.5	13.5	13.5	16.5
802.11ac VHT160	50	5250	13.5	13.5	13.5	13.5	16.5
802.11ax HE20	52	5260	13.5	13.5	13.5	13.5	16.5
	56	5280	13.5	13.5	13.5	13.5	16.5
	60	5300	13.5	13.5	13.5	13.5	16.5
	64	5320	13.5	13.5	13.5	13.5	16.5
802.11ax HE40	54	5270	13.5	13.5	13.5	13.5	16.5
	62	5310	13.5	13.5	13.5	13.5	16.5
802.11ax HE80	58	5290	13.5	13.5	13.5	13.5	16.5
802.11ax HE160	50	5250	13.5	13.5	13.5	13.5	16.5

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	13.5	13.5			
	116	5580	13.5	13.5			
	120	5600	13.5	13.5			
	124	5620	13.5	13.5			
	132	5660	13.5	13.5			
	140	5700	13.5	13.5			
	144	5720	13.5	13.5			
802.11n HT20	100	5500	13.5	13.5	13.5	13.5	16.5
	116	5580	13.5	13.5	13.5	13.5	16.5
	120	5600	13.5	13.5	13.5	13.5	16.5
	124	5620	13.5	13.5	13.5	13.5	16.5
	132	5660	13.5	13.5	13.5	13.5	16.5
	140	5700	13.5	13.5	13.5	13.5	16.5
	144	5720	13.5	13.5	13.5	13.5	16.5
802.11n HT40	102	5510	13.5	13.5	13.5	13.5	16.5
	110	5550	13.5	13.5	13.5	13.5	16.5
	118	5590	13.5	13.5	13.5	13.5	16.5
	126	5630	13.5	13.5	13.5	13.5	16.5
	134	5670	13.5	13.5	13.5	13.5	16.5
	142	5710	13.5	13.5	13.5	13.5	16.5
802.11ac VHT80	106	5530	13.5	13.5	13.5	13.5	16.5
	122	5610	13.5	13.5	13.5	13.5	16.5
	138	5690	13.5	13.5	13.5	13.5	16.5
802.11ac VHT160	114	5570	13.5	13.5	13.5	13.5	16.5
802.11ax HE20	100	5500	13.5	13.5	13.5	13.5	16.5
	116	5580	13.5	13.5	13.5	13.5	16.5
	120	5600	13.5	13.5	13.5	13.5	16.5
	124	5620	13.5	13.5	13.5	13.5	16.5
	132	5660	13.5	13.5	13.5	13.5	16.5
	140	5700	13.5	13.5	13.5	13.5	16.5
	144	5720	13.5	13.5	13.5	13.5	16.5
802.11ax HE40	102	5510	13.5	13.5	13.5	13.5	16.5
	110	5550	13.5	13.5	13.5	13.5	16.5
	118	5590	13.5	13.5	13.5	13.5	16.5
	126	5630	13.5	13.5	13.5	13.5	16.5
	134	5670	13.5	13.5	13.5	13.5	16.5
	142	5710	13.5	13.5	13.5	13.5	16.5
802.11ax HE80	106	5530	13.5	13.5	13.5	13.5	16.5
	122	5610	13.5	13.5	13.5	13.5	16.5
	138	5690	13.5	13.5	13.5	13.5	16.5
802.11ax HE160	114	5570	13.5	13.5	13.5	13.5	16.5

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	13.5	13.5			
	153	5765	13.5	13.5			
	157	5785	13.5	13.5			
	161	5805	13.5	13.5			
	165	5825	13.5	13.5			
802.11n HT20	149	5745	13.5	13.5	13.5	13.5	16.5
	153	5765	13.5	13.5	13.5	13.5	16.5
	157	5785	13.5	13.5	13.5	13.5	16.5
	161	5805	13.5	13.5	13.5	13.5	16.5
	165	5825	13.5	13.5	13.5	13.5	16.5
802.11n HT40	151	5755	13.5	13.5	13.5	13.5	16.5
	159	5795	13.5	13.5	13.5	13.5	16.5
802.11ac VHT80	155	5775	13.5	13.5	13.5	13.5	16.5
802.11ax HE20	149	5745	13.5	13.5	13.5	13.5	16.5
	153	5765	13.5	13.5	13.5	13.5	16.5
	157	5785	13.5	13.5	13.5	13.5	16.5
	161	5805	13.5	13.5	13.5	13.5	16.5
	165	5825	13.5	13.5	13.5	13.5	16.5
802.11ax HE40	151	5755	13.5	13.5	13.5	13.5	16.5
	159	5795	13.5	13.5	13.5	13.5	16.5
802.11ax HE80	155	5775	13.5	13.5	13.5	13.5	16.5