

Annex E. Maximum Target Conducted Power

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

GSM Max. Tune-up Power (DSI 0&4)				
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)	33.4	24.4	30.4	21.4
GPRS (GMSK, 1Tx-slot)	33.4	24.4	30.4	21.4
GPRS (GMSK, 2Tx-slot)	30.4	24.4	27.4	21.4
GPRS (GMSK, 3Tx-slot)	28.6	24.3	25.6	21.3
GPRS (GMSK, 4Tx-slot)	27.4	24.4	24.4	21.4
EDGE (8PSK, 1Tx-slot)	27.4	18.4	26.4	17.4
EDGE (8PSK, 2Tx-slot)	24.4	18.4	23.4	17.4
EDGE (8PSK, 3Tx-slot)	22.6	18.3	21.6	17.3
EDGE (8PSK, 4Tx-slot)	21.4	18.4	20.4	17.4

WCDMA Max. Tune-up Power (DS1 0)		
Mode	RMC 12.2K	HSDPA DC-HSDPA HSUPA
	Maximum Target Power	Maximum Target Power
WCDMA Band II	24.2	23.2
WCDMA Band V	24.2	23.2

WCDMA Max. Tune-up Power (DS1 1)		
Mode	RMC 12.2K	HSDPA DC-HSDPA HSUPA
	Maximum Target Power	Maximum Target Power
WCDMA Band II	22.2	21.2

WCDMA Max. Tune-up Power (DSI 4)		
Mode	RMC 12.2K	HSDPA DC-HSDPA HSUPA
	Maximum Target Power	Maximum Target Power
WCDMA Band II	21.7	21.7
WCDMA Band V	24.2	23.2

LTE Max. Tune-up Power (DSI 0)				
Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
LTE 2 (Ant 0/Ant 1)	24.7	23.7	22.7	19.7
LTE 4 (Ant 0/Ant 1)	24.7	23.7	22.7	19.7
LTE 5	24.7	23.7	22.7	19.7
LTE 7	24.2	23.2	22.2	19.2
LTE 12	24.2	23.2	22.2	19.2
LTE 13	24.7	23.7	22.7	19.7
LTE 48	24.7	23.7	22.7	19.7
LTE 66 (Ant 0/Ant 1)	24.7	23.7	22.7	19.7
LTE 71	24.2	23.2	22.2	19.2

Ant 0_LTE Max. Tune-up Power (DSI 1)				
Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
LTE 2	22.7	21.7	20.7	17.7
LTE 4	22.7	21.7	20.7	17.7
LTE 66	22.7	21.7	20.7	17.7

Ant 1_LTE Max. Tune-up Power (DSI 2)				
Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
LTE 48	22.7	21.7	20.7	17.7

Ant 0_LTE Max. Tune-up Power (DSI 4)				
Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
LTE 2	22.2	21.2	20.2	17.2
LTE 4	24.7	23.7	22.7	19.7
LTE 5	24.7	23.7	22.7	19.7
LTE 7	24.2	23.2	22.2	19.2
LTE 12	24.2	23.2	22.2	19.2
LTE 13	24.7	23.7	22.7	19.7
LTE 66	24.7	23.7	22.7	19.7
LTE 71	24.2	23.2	22.2	19.2

Ant 1_LTE Max. Tune-up Power (DSI 4)				
Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
LTE 2	24.7	23.7	22.7	19.7
LTE 4	24.7	23.7	22.7	19.7
LTE 48	24.7	23.7	22.7	19.7
LTE 66	24.7	23.7	22.7	19.7

5G NR Max. Tune-up Power (DSI 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 (Ant 0/Ant 1)	24.7	24.7	23.7	22.2	20.2
NR 5	24.7	24.7	23.7	22.2	20.2
NR 66 (Ant 0/Ant 1)	24.7	24.7	23.7	22.2	20.2
NR 71	24.2	24.2	23.2	21.7	19.7

Ant 0_5G NR Max. Tune-up Power (DSI 1&3)					
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	23.7	23.7	22.7	21.2	19.2

Ant 0_5G NR Max. Tune-up Power (DSI 4)					
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	23.2	23.2	22.2	20.7	18.7
NR 5	24.7	24.7	23.7	22.2	20.2
NR 66	24.7	24.7	23.7	22.2	20.2
NR 71	24.2	24.2	23.2	21.7	19.7

Ant 1_5G NR Max. Tune-up Power (DSI 4)					
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	24.7	24.7	23.7	22.2	20.2
NR 66	24.7	24.7	23.7	22.2	20.2

5G NR Max. Tune-up Power (DSI 0)				
CP Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
NR 2 (Ant 0/Ant 1)	23.2	22.7	21.2	18.2
NR 5	23.2	22.7	21.2	18.2
NR 66 (Ant 0/Ant 1)	23.2	22.7	21.2	18.2
NR 71	22.7	22.2	20.7	17.7

Ant 0_5G NR Max. Tune-up Power (DSI 1&3)				
CP Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
NR 2	22.2	21.7	20.2	17.2

Ant 0_5G NR Max. Tune-up Power (DSI 4)				
CP Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
NR 2	21.7	21.2	19.7	16.7
NR 5	23.2	22.7	21.2	18.2
NR 66	23.2	22.7	21.2	18.2
NR 71	22.7	22.2	20.7	17.7

Ant 1_5G NR Max. Tune-up Power (DSI 4)				
CP Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
NR 2	23.2	22.7	21.2	18.2
NR 66	23.2	22.7	21.2	18.2

WLAN Tune-up Power (Full)			
WLAN2.4GHz			
Mode	Channel	Frequency	Max Tune-up
802.11b	1	2412	15.0
	6	2437	15.0
	11	2462	15.0
802.11g	1	2412	15.0
	6	2437	15.0
	11	2462	15.0
802.11n HT20	1	2412	15.0
	6	2437	15.0
	11	2462	15.0

WLAN Tune-up Power (Full)			
Bluetooth			
Mode	Channel	Frequency	Max Tune-up
BR / EDR	0	2402	12.4
	39	2441	12.4
	78	2480	12.4
LE	0	2402	9.8
	19	2440	9.8
	39	2480	9.8

WLAN Tune-up Power (Full)			
WLAN 5.2GHz			
Mode	Channel	Frequency	Max Tune-up
802.11a	36	5180	14.5
	40	5200	14.5
	44	5220	14.5
	48	5240	14.5
802.11n HT20	36	5180	14.5
	40	5200	14.5
	44	5220	14.5
	48	5240	14.5
802.11n HT40	38	5190	14.5
	46	5230	14.5
802.11ac VHT20	36	5180	14.5
	40	5200	14.5
	44	5220	14.5
	48	5240	14.5
802.11ac VHT40	38	5190	14.5
	46	5230	14.5
802.11ac VHT80	42	5210	14.5

WLAN Tune-up Power (Full)			
WLAN 5.3GHz			
Mode	Channel	Frequency	Max Tune-up
802.11a	52	5260	14.5
	56	5280	14.5
	60	5300	14.5
	64	5320	14.5
802.11n HT20	52	5260	14.5
	56	5280	14.5
	60	5300	14.5
	64	5320	14.5
802.11n HT40	54	5270	14.5
	62	5310	14.5
802.11ac VHT20	52	5260	14.5
	56	5280	14.5
	60	5300	14.5
	64	5320	14.5
802.11ac VHT40	54	5270	14.5
	62	5310	14.5
802.11ac VHT80	58	5290	14.5

WLAN Tune-up Power (Full)			
WLAN 5.6GHz			
Mode	Channel	Frequency	Max Tune-up
802.11a	100	5500	14.5
	116	5580	14.5
	120	5600	14.5
	124	5620	14.5
	132	5660	14.5
	140	5700	14.5
	144	5720	14.5
802.11n HT20	100	5500	14.5
	116	5580	14.5
	120	5600	14.5
	124	5620	14.5
	132	5660	14.5
	140	5700	14.5
	144	5720	14.5
802.11n HT40	102	5510	14.5
	110	5550	14.5
	118	5590	14.5
	126	5630	14.5
	134	5670	14.5
	142	5710	14.5
802.11ac VHT20	100	5500	14.5
	116	5580	14.5
	120	5600	14.5
	124	5620	14.5
	132	5660	14.5
	140	5700	14.5
	144	5720	14.5
802.11ac VHT40	102	5510	14.5
	110	5550	14.5
	118	5590	14.5
	126	5630	14.5
	134	5670	14.5
	142	5710	14.5
802.11ac VHT80	106	5530	14.5
	122	5610	14.5
	138	5690	14.5

WLAN Tune-up Power (Full)			
WLAN 5.8GHz			
Mode	Channel	Frequency	Max Tune-up
802.11a	149	5745	14.5
	153	5765	14.5
	157	5785	14.5
	161	5805	14.5
	165	5825	14.5
802.11n HT20	149	5745	14.5
	153	5765	14.5
	157	5785	14.5
	161	5805	14.5
	165	5825	14.5
802.11n HT40	151	5755	14.5
	159	5795	14.5
802.11ac VHT20	149	5745	14.5
	153	5765	14.5
	157	5785	14.5
	161	5805	14.5
	165	5825	14.5
802.11ac VHT40	151	5755	14.5
	159	5795	14.5
802.11ac VHT80	155	5775	14.5