

TuneupProcedure

I would like to confirm this device does not have tune up information, because the tune up is fixed by the manufacture. Therefore, the user cannot tune up the device.

LTE B2/4/5/12/13/14/66 TX Performance	
Maximum Output Power	23 dBm ± 2
Minimum Output Power	< -39 dBm
Transmit OFF power	< -48.5 dBm
Frequency Error	Δf ≤ (0.1 PPM + 15 Hz)
Error Vector Magnitude (EVM)	PUSCH 17.5% @ QPSK BPSK ; 12.5% @ 16QAM
	PUCCH 17.5%
	PRACH 17.5% @ FFS
Carrier Leakage	< -24.2 dBc @ 3.2 dBm ± 3.2 dB
	< -19.2 dBc @ -26.8 dBm ± 3.2 dB
	< -9.2 dBc @ -36.8 dBm ± 3.2 dB
Adjacent Channel Leakage power Ratio	< -32.2 dBc @ ACPR1_UTRA
	< -35.2 dBc @ ACPR2_UTRA

	<- 29.2dBc@ACPR_EUTRA	
TransmitterSpurious emissions	<-36 dBm@BW=1KHz	9kHz ≤ f< 150 kHz
	<-36 dBm@BW=10KHz	150 kHz ≤ f< 30 MHz
	<-36 dBm@BW=100KHz	30 MHz ≤ f< 1000MHz
	<-30dBm@BW=1MHz	1 GHz ≤ f< 12.75GHz

FrequencyRange:

- B2:TX (1850-- 1910) MHZ

B4: TX (1710-- 1755) MHZ

B12:TX (699--716) MHZ

B13:TX (777--787) MHZ

B5:TX (824--869) MHZ

B14: TX(788-798) MHz

B66: TX (1710-- 1780) MHz
- RX (1930-- 1990) MHZ

RX (2110-- 2155) MHZ

RX (729--746) MHZ

RX (746--756) MHZ

RX(869-- 894) MHZ

RX(758--768) MHz

RX (2110- 2200) MHz

WiFi 802.11b/g/n max power: 16.5dBm

BleMax Power : 9.5dBm

WCDMABand 2/4/5 Max Power: 25dBm