

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	$ \Delta f \leq (0.1 \text{ PPM} + 15 \text{ 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 RX (1930-- 1990) MHZ
B4: TX (1710-- 1755) MHZ RX (2110-- 2155) MHZ
B12:TX (699--716) MHZ RX (729--746) MHZ
B13:TX (777--787) MHZ RX (746--756) MHZ
B5:TX (824--869) MHZ RX(869-- 894) MHZ
B14: TX(788-798) MHZ RX(758--768) MHz
B66: TX (1710-- 1780) 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