

Tune up procedure

The output power setting of EUT is set in the factory and followed the max peak level in below. There is no tune up procedure except factory default setting.

Channel		GSM 850	GSM 1900
		Tune up	Tune up
GSM(GMSK)	GSM	31.00±1	31.00±1
GPRS/EGPRS (GMSK)	1 TX Slot	31.00±1	31.00±1
	2 TX Slots	30.00±1	30.00±1
	3 TX Slots	28.00±1	28.00±1
	4 TX Slots	26.00±1	26.50±1
EGPRS(8PSK)	1 TX Slot	25.00±1	26.50±1
	2 TX Slots	24.00±1	25.50±1
	3 TX Slots	22.00±1	24.50±1
	4 TX Slots	21.00±1	22.50±1

CDMA BC0 1xRTT/1xEVDO:23.5±1dBm

802.11b: 14±1dBm

802.11g: 9±1dBm

802.11n HT20: 8±1dBm

802.11n HT40: 8.5±1dBm

Bluetooth/GFSK:8±1dBm

Bluetooth/ $\pi/4$ DQPSK:7±1dBm

Bluetooth/8DPSK:7±1dBm

Bluetooth/BLE:-4±1dBm

UHF Digital modulation:35.5±1dBm(High)/30±1dBm(Low)

UHF Analog modulation:34±1dBm(High)/30±1dBm(Low)

LTE Band 2	Tune-up Power	
	QPSK	16QAM
Bandwidth: 1.4MHz	20±2dBm	19±2dBm
Bandwidth: 3MHz	20±2dBm	19±2dBm
Bandwidth: 5MHz	20±2dBm	19±2dBm
Bandwidth: 10MHz	20±2dBm	19±2dBm
Bandwidth: 15MHz	20±2dBm	19±2dBm
Bandwidth: 20MHz	20±2dBm	19±2dBm

LTE Band 4	Tune-up Power	
	QPSK	16QAM
Bandwidth: 1.4MHz	19.5±2dBm	18.5±2dBm
Bandwidth: 3MHz	19.5±2dBm	18.5±2dBm
Bandwidth: 5MHz	19.5±2dBm	18.5±2dBm
Bandwidth: 10MHz	19.5±2dBm	18.5±2dBm
Bandwidth: 15MHz	19.5±2dBm	18.5±2dBm
Bandwidth: 20MHz	19.5±2dBm	18.5±2dBm

LTE Band 5	Tune-up Power	
	QPSK	16QAM
Bandwidth: 1.4MHz	21.5±2dBm	20.5±2dBm
Bandwidth: 3MHz	21.5±2dBm	20.5±2dBm
Bandwidth: 5MHz	21.5±2dBm	20.5±2dBm
Bandwidth: 10MHz	21.5±2dBm	20.5±2dBm

LTE Band 7	Tune-up Power	
	QPSK	16QAM
Bandwidth: 5MHz	22.5±2dBm	21.5±2dBm
Bandwidth: 10MHz	22.5±2dBm	21.5±2dBm
Bandwidth: 15MHz	22.5±2dBm	21.5±2dBm
Bandwidth: 20MHz	22.5±2dBm	21.5±2dBm

LTE Band 26(814MHz-824MHz)	Tune-up Power	
	QPSK	16QAM
Bandwidth: 1.4MHz	21.5±2dBm	20.5±2dBm
Bandwidth: 3MHz	21.5±2dBm	20.5±2dBm
Bandwidth: 5MHz	21.5±2dBm	20.5±2dBm
Bandwidth: 10MHz	21.5±2dBm	20.5±2dBm
Bandwidth: 15MHz	21.5±2dBm	20.5±2dBm

LTE Band 26(824MHz-849MHz)	Tune-up Power	
	QPSK	16QAM
Bandwidth: 1.4MHz	21.5±2dBm	20.5±2dBm
Bandwidth: 3MHz	21.5±2dBm	20.5±2dBm
Bandwidth: 5MHz	21.5±2dBm	20.5±2dBm
Bandwidth: 10MHz	21.5±2dBm	20.5±2dBm
Bandwidth: 15MHz	21.5±2dBm	20.5±2dBm

LTE Band 38	Tune-up Power	
	QPSK	16QAM
Bandwidth: 5MHz	22.5±2dBm	21.5±2dBm
Bandwidth: 10MHz	22.5±2dBm	21.5±2dBm
Bandwidth: 15MHz	22.5±2dBm	21.5±2dBm
Bandwidth: 20MHz	22.5±2dBm	21.5±2dBm

LTE Band 40(2305MHz-2315MHz)	Tune-up Power	
	QPSK	16QAM
Bandwidth: 5MHz	21.5±2dBm	20.5±2dBm
Bandwidth: 10MHz	21.5±2dBm	20.5±2dBm

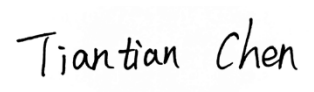
LTE Band 40(2350MHz-2360MHz)	Tune-up Power	
	QPSK	16QAM
Bandwidth: 5MHz	21.5±2dBm	20.5±2dBm
Bandwidth: 10MHz	21.5±2dBm	20.5±2dBm

LTE Band 41	Tune-up Power	
	QPSK	16QAM
Bandwidth: 5MHz	22.5 ± 2dBm	21.5 ± 2dBm
Bandwidth: 10MHz	22.5 ± 2dBm	21.5 ± 2dBm
Bandwidth: 15MHz	22.5 ± 2dBm	21.5 ± 2dBm
Bandwidth: 20MHz	22.5 ± 2dBm	21.5 ± 2dBm

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